

Species name*	Butternut	Queensnake
<b>Species status in Ontario*</b> (provided in the SARO List)	<input type="checkbox"/> Threatened <input checked="" type="checkbox"/> Endangered	<input type="checkbox"/> Threatened <input type="checkbox"/> Endangered
<b>Presence/absence of species/habitat at or near the proposed activity location*</b>	<input checked="" type="checkbox"/> individuals of the species <b>absent</b> <input type="checkbox"/> individuals of the species <b>present</b>	<input type="checkbox"/> individuals of the species <b>absent</b> <input checked="" type="checkbox"/> individuals of the species <b>present</b>
<b>Number of individuals observed and how (e.g., visual sighting, auditory observation, etc.)</b> Also indicate life stage of the individuals (e.g., adult, juvenile, fruiting, etc.) where possible, dates the observations were made, the geographic coordinates of the observations, etc.	<p>No individuals were observed during the site visit on January 18, 2023.</p> <p>It is understood that a single winter site visit is not sufficient to determine species absence; however there were very few trees in the area and they did not have characteristics of Butternut.</p>	<p>No individuals were observed during the site visit on January 18, 2023.</p> <p>It is understood that a single winter site visit is not sufficient to determine species absence.</p>
<b>Detailed ecological description of the landscape.</b> Include the Ecological Land Classification (ELC), Forest Ecosystem Classification (FEC), or Aquatic Resource Area (ARA) information, slope, aspect, soils, substrate, dominant plant species, associated plant species, etc.. If you require assistance in completing the required information, please contact the local MNR office.	<p>The forest upstream to the east of the Maitland Inlet Marina and north of the Maitland River may provide habitat for Butternut.</p>	<p>The northern shoreline of the Maitland River upstream of the marinas consists of a rocky beach adjacent to a forest.</p>
<b>Description of habitat features on site.</b> Note any key habitat features (e.g., nests, hibernacula, calving areas, dens, roost trees, etc) observed at or near the activity location including the geographic coordinates of the observations. If you require assistance in completing the requested information, please contact the local MNR office species at risk representative.	<p>There is no habitat for Butternut that will be impacted by the proposed works.</p>	<p>Rocky beach/shoreline is present outside of the work area.</p>
<b>How and when the species is (or may be) using the habitat to carry out its life processes</b> Indicate if the habitat is being used by the species for reproduction, rearing, hibernation, over-wintering, migration, feeding, resting (including predator avoidance), dispersal, daily movement, or any other life process (please specify). If it is not clear which life process the habitat is supporting, please indicate "unknown". If you require assistance in completing the requested information, please contact the local MNR office species at risk representative.	<p>The species is not using the habitat that will be impacted by the proposed works for any part of its life processes.</p>	<p>Queensnake may be using the Maitland River rocky shoreline upstream of the dredging area for basking and foraging. This area will not be impacted by the proposed works.</p>
<b>Other available information</b> that suggests the effects of the activity, not just the physical (direct) footprint, may overlap with species at risk occurrences and/or habitat (e.g., species expert's opinion, etc.).	N/A	N/A

## 5. Activity and Species at Risk Maps and Photos

Provide one or more maps of appropriate scale that clearly illustrate the following items. In cases where the activity will occur in multiple locations, the following should be illustrated for each location.

- **Ecological Land Classifications (ELC), Forest Ecosystem Classifications (FEC), or Aquatic Resource Areas (ARA) for the location and surrounding area (if available);**
- **Topographic information;**
- **Any designated natural features;**
- **Name(s) of any waterbodies occurring at or near the activity location (if applicable);**
- **Current land uses (if available);**
- Location and boundaries (i.e. footprint) of the proposed activity **in relation to the surrounding landscape;**
- Location of each species at risk occurrence and habitat found at or near the proposed activity location. Also, include the location and description of any habitat features (e.g., nest, hibernaculum, calving area, vernal pools, spawning beds) found at or near the proposed activity location; and
- **Data sources, scale, north arrow and legend for the maps.**

Use of aerial photography and satellite imagery is strongly encouraged. Please indicate the date aerial photos or satellite images were taken as well as the date maps were created.

Please list and attach relevant maps, shapefiles, photos and satellite images that are available.

**Do not include personal information on maps, aerial photos and satellite images.**

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### List of Attached Documents

**Note:** The total space for attachments is limited to 25MB. Links to existing FTP sites containing photos and other materials for the proposed activity can be indicated in the list of attached documents space.

[Figure1\\_StudyArea\\_MaitlandMarina\\_Goderich.pdf](#)

[Figure2\\_Critical Habitat Map.pdf](#)

[Figure3\\_Storage Location.pdf](#)

[Site Photos\\_Jan 2023.pdf](#)

[Figure1\\_StudyArea\\_MaitlandMarina\\_Goderich.pdf](#)

[Figure2\\_Dredging\\_sites.pdf](#)

[Figure3\\_Background Mapping\\_Marinas.pdf](#)

[Figure4\\_Background Mapping\\_Dredgeate deposition site.pdf](#)

## 6. Species at Risk and Habitat that may be Affected by the Activity

In Table 4, please provide your interpretation of:

- the protected species at risk and habitats that are likely to be affected by the proposed activity; and
- how and to what extent these protected species and habitats may be affected. Where the proponent requires assistance in completing the information in this part of the form, contact the local MNR office species at risk representative.

**This information and other information submitted in this form will be considered by MNR when assessing and determining whether a proposed activity is likely to contravene subsections 9(1) or 10(1) of the ESA and thus whether it is advisable for the proponent to apply for and obtain an overall benefit permit under clause 17(2)(c) of the ESA prior to proceeding with the proposed activity to avoid contravening the Act.**

Species affected by activity	How and to what extent each species or habitat may be <i>positively</i> affected	How and to what extent each species or habitat may be <i>adversely</i> affected
Black Redhorse	The proposed works will reduce silt build-up within the work area.	Dredging could disrupt individuals which overwinter in deeper pools.
Wavy-rayed Lamprussel	The proposed works will reduce silt build-up within the work area.	It is not expected that there will be Wavy-rayed Lamprussels within the project area. However, dredging could remove individuals from the habitat if they are present.
Queensnake	It is not expected that there will be positive impacts to Queensnake.	It is not expected that there will be adverse impacts to Queensnake habitat. The site is highly disturbed with compacted gravel parking areas, and any potential habitat for Queensnake is over 200 m upstream of the proposed dredging areas. Dredging will be completed during the overwintering period for Queensnake (e.g., April) and the natural part of the shoreline will remain unimpacted. Silt curtains will be used to prevent siltation outside of the work area. Seepage areas that could support Queensnake are not present along the shoreline within the temporary storage area or barge access area. The dregeate deposition area is not near a river or stream and is dominated by conifer plantations and successional vegetation

## 7. Submission Information

Date this form was submitted to the local MNR office (yyyy-mm-dd)\*

2023-02-08

**Please note: the email function will not work if you do not have your automatic email settings established. In these cases, please save a copy of your form, access your email account and attach a copy of the form for email submission to your local MNR. The list of MNR office email addresses is below for your reference.**

### Email Client Option \*

- Default Email Application (e.g., MS Outlook)
- Internet Email (e.g., Yahoo or Hotmail. Save the form and send it manually to the MNR office by using internet email service.)

Local MNR office this form is submitted to\*

Guelph

MNR Email Address for reference

[esa.guelph@ontario.ca](mailto:esa.guelph@ontario.ca)

Proposal Title\*

Annual Dredging of Marina Entrance and Mouth of Maitland River, Goderich, ON

### Authorization\*

- I, Sarah Mainguy (insert name, hereafter "proponent"), confirm that the information provided in this form is accurate and complete to the best of my knowledge. I understand that a summary of the information provided in this form, excluding any personal information or details that could be used to locate or harm an endangered species, may be posted on the Ministry of Natural Resources Species at Risk website and the Environmental Registry. I also understand that this information will be used for the purpose of administering the *Endangered Species Act, 2007* and its Regulations in accordance with the *Freedom of Information and Protection of Privacy Act, 1990*.