

FILLING OUT A SCIENTIFIC COLLECTION LICENCE

SOME TIPS TO HELP GUIDE YOUR TEAM

1. You will be targeting one species but you will be catching native species as well. You will catch European green crab (EGC) at multiple life stages depending on the time of the year and the locations you are trapping. When filling out this part of the form, you only need to fill out the following:

| Species Common Name | Species Scientific Name | Life Stage | Number |
|---------------------|-------------------------|------------|--------------|
| European green crab | <i>Carcinus maenas</i> | All | All captured |

2. Gear types to be used:
 - Minnow traps
 - Folding prawn trap
 - Fukui traps (possibly)
 - Commercial Prawn traps (possibly)
3. Location description: If possible, include a screenshot of a map with points over your sites. But you can keep it simple and indicate a general area you will be conducting monitoring work (e.g., Gonzales Bay, Victoria BC).
4. Add the name of the vessel(s) you will be using, if vessels are required.
5. Purpose of project:
 - Include all crew names who will be conducting the monitoring, including their birth dates
 - Feel free to add something along the lines of:

The aim of our work is to conduct early detection monitoring through the Pacific Region European Green Crab Mitigation and Capacity Development Project, funded through the Aquatic Invasive Species Fund (DFO). Sites will be selected based on predicted early invasion suitable habitat for EGC. Six traps per site will be used. Trapping will occur in the intertidal zone, primarily in estuaries, saltwater marsh channels, and other freshwater influenced beach habitat. Traps will be set with enough space to not dewater between low tides. Traps will be deployed and retrieved within a 24-hour period. Data will be collected on all species captured. The aim is to visit site(s) once monthly (2 days total) from April to September. Sites may be accessed by foot while some by boat. Protocols from the Pacific Salmon Foundation and the Coastal Restoration Society (adapted from the DFO, WA Fish and Wildlife, CRS, SSISC) will be utilized. All native species will be released promptly after data are collected in the same location they were found. The EGC, if/when found, will be kept alive in Ziploc bags (with some water added and left open) and DFO will be notified. If there are cases where a large abundance of EGC are found, and once confirmed with DFO, they will be frozen completely and brought to a landfill. Health and safety will be discussed for each trip. . Traps will be secured by either rebar along a line or individually staked with metal stakes/rods in the substrate or individually tied to objects (like branches) nearby. Rot cord will be attached to all traps. Labels will be tied to the traps to indicate our contact information and EGC Research. All crew members will be trained in the Invasive Species Council of BC's online training courses.