

**PRE-FIELD REVIEW WORKSHEET FOR SENSITIVE PLANTS**  
**Biological Evaluation for Sensitive Plants**  
**USDA Forest Service, Alaska Region (Revised July 2014)**

In some cases this document can serve as a Biological Evaluation (BE)

**PROJECT NAME:** Doug Leen Micro-hydro Project

**PROJECT DESCRIPTION:** Roughly 450' of plastic pipe would be installed running parallel to a stream, with a dam built that would flood roughly 200 square feet. Two sections of the pipe would leave the stream and the vegetation would be cleared and a trench dug – one section in a mixed conifer/blueberry moderately well drained soil and the second section in a sphagnum/skunk cabbage very poorly drained soil.

**LOCATION:** Kupreanof Island. See the project description/summary.

**SENSITIVE PLANTS KNOWN:** No R10 Sensitive Species are known. The USDA NRIS TESP-IS, UAF Arctos, ANHP, and Burke databases were queried and no sensitive species occur within or near the project area.

Date of records search: 25 May, 2018

**SENSITIVE PLANT HABITAT & SENSITIVE PLANTS SUSPECTED IN THE PROJECT AREA:**

**Existing habitat:** Old growth forest wetland and riparian corridor.

**Table 1:** R10 sensitive species with the potential to occur in the existing habitats are indicated in bold.

| <b>Species</b>                                       | <b>Suspected/Habitat</b>  |
|--|---|
| <i>Aphragmus eschscholtzianus</i>                    | Preferred habitat not present   |
| <i>Botrychium spathulatum</i>                        | Preferred habitat not present   |
| <i>Botrychium tunux</i>                              | Preferred habitat not present   |
| <i>Botrychium yaaxudakeit</i>                        | Preferred habitat not present   |
| <i>Cochlearia sessilifolia</i>                       | Preferred habitat not present   |
| <i>Cirsium edule</i> var. <i>macounii</i>            | Preferred habitat not present   |
| <i>Cypripedium guttatum</i>                          | Not known or suspected on the Tongass NF                                |
| <i>Cypripedium montanum</i>                          | Preferred habitat not present   |
| <i>Cypripedium parviflorum</i> var. <i>pubescens</i> | Preferred habitat not present   |
| <i>Ligusticum calderi</i>                            | Preferred habitat not present   |
| <i>Lobaria amplissima</i>                            | Preferred habitat not present   |
| <i>Papaver alboroseum</i>                            | Not suspected on PRD, out of habitat range                              |
| <b><i>Piperia unalascensis</i></b>                   | <b>Open forest, streamside</b>  |
| <b><i>Platanthera orbiculata</i></b>                 | <b>Forested wetlands, forest edge, western hemlock-red cedar forest</b> |
| <i>Polystichum kruckebergii</i>                      | Preferred habitat not present   |
| <i>Romanzoffia unalascensis</i>                      | Preferred habitat not present   |
| <i>Sidalcea hendersonii</i>                          | Preferred habitat not present   |
| <i>Tanacetum bipinnatum</i> subsp. <i>huronense</i>  | Preferred habitat not present   |

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DETERMINATIONS POSSIBLE PRIOR TO FIELD SURVEY  
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- 1) Does the evidence indicate that no sensitive plants or possible habitat exists within the project area (e.g. parking lot) thus a "no impact" statement can be made?

**YES.** A thorough plant survey was conducted throughout the project area May 30, 2018 and no sensitive or rare plants were found.

BE is complete.

Prepared By: *Joni Johnson*

Date: 19 June, 2018