

**Wetland Mapping**  
Utilizing the WDNR Wisconsin Wetland Inventory Map Production SOP

**Appendix C: Statement of Work**

**\*\*\*New Project\*\*\***

Additional background on the project: For several years DNR have been planning and piloting this new wetland mapping protocol across the state utilizing EPA grant funding (see 2020 DNR publications for more information). For 9 months, CNNF watershed and soils staff have been collaborating with DNR staff to pilot this mapping methodology in three USFS managed watersheds on the Lakewood Laona Ranger District. CNNF staff field verified the accuracy and usefulness of this mapping to provide a forest wide wetland and stream layer update. The pilot project caused a 16% increase in mapped wetlands and surface waters verse the existing Wisconsin Wetland Inventory, equaling 2,121 ac (3.3 square miles) of previously unmapped wetland to the GIS inventory. In addition, stream networks were mapped much more accurately than the existing Wisconsin 24K Hydro or National Hydrography Dataset flowlines. Also, the spatial accuracy of previously inventoried wetland boundaries was improved remarkably.

Better wetland data will allow the Forest Service to manage the forest and its resources more efficiently. For example, this data will reduce unnecessary wetland impacts and reduce mis-managing areas of the forest that are only supposed to be managed a certain way by Law.

**I. Objectives:**

1. Finalize the extent of mapping effort, methods, and the watersheds that will be mapped.
2. Map wetlands and streams in accordance with the latest WWI Map Production SOP at the rate of approximately 20 wetlands per year.
3. Complete project within five years.

**II. Tasks and Timeline:**

<b>Timeline</b>	<b>Task Description</b>	<b>Cost Estimate</b>
2021	Finalize extent, methods, deliverables, QAQC and field verification plan, and develop 5-year work plan.	-
	Map at least 20 HUC 12 watersheds	\$105,000
2022	Map at least 20 HUC 12 watersheds	\$105,000
2023	Map at least 20 HUC 12 watersheds	\$105,000
2025	Map at least 20 HUC 12 watersheds	\$105,000
<b>Total:</b>		<b>\$425,000</b>

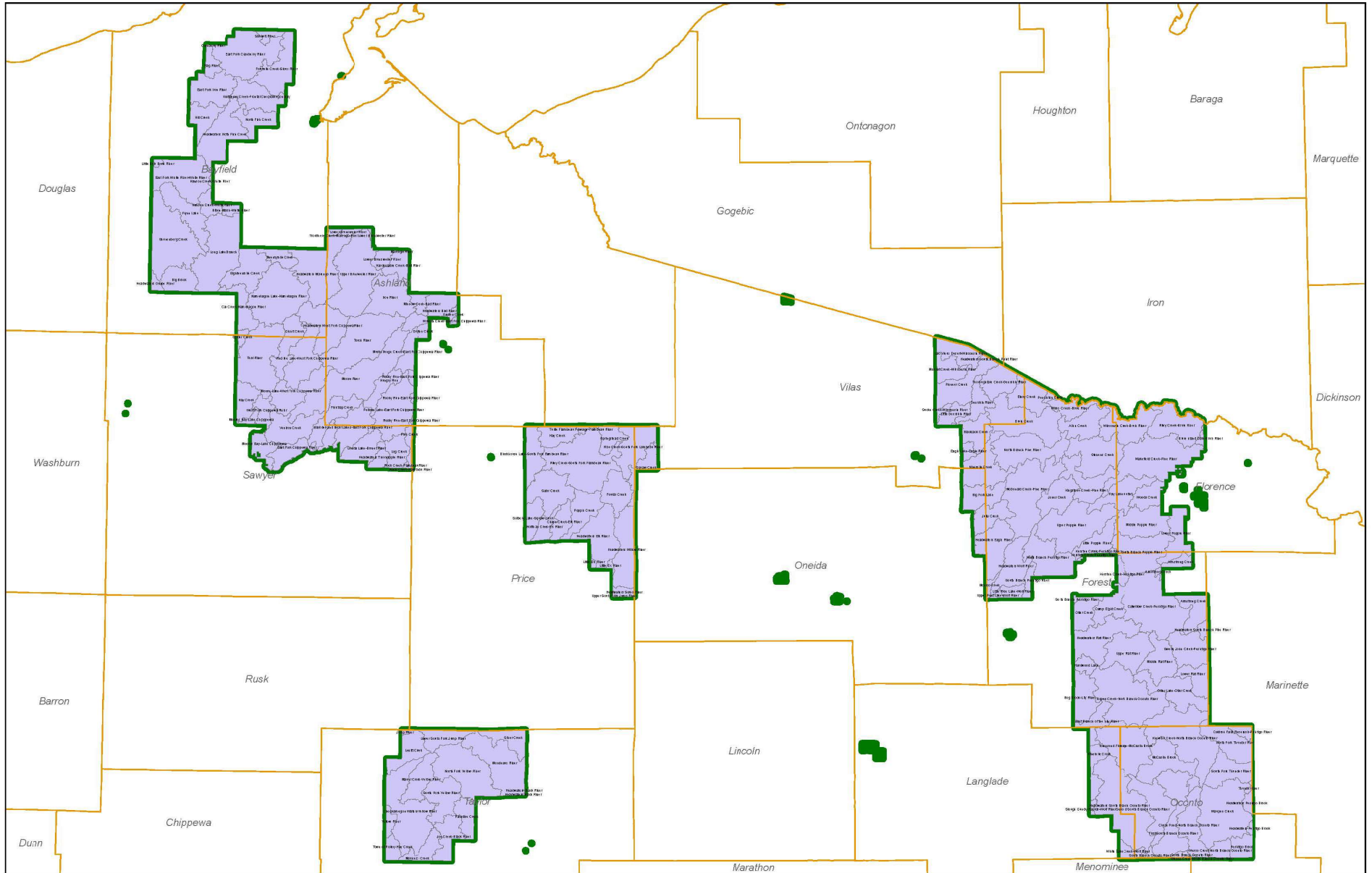
**III. Point of Contacts:**

- Forest Service: Chris Ester 715-362-1304, [Christopher.Ester@usda.gov](mailto:Christopher.Ester@usda.gov)
- Wisconsin DNR: Sally Jarosz (608) 225-2918, [Sarah.jarosz@wisconsin.gov](mailto:Sarah.jarosz@wisconsin.gov)
- Wisconsin DNR (wetland mapper): Christopher Noll (608) 220-4759, [Christopher.Noll@wisconsin.gov](mailto:Christopher.Noll@wisconsin.gov)
- Wisconsin DNR (program supervisor): Amanda Minks (608) 220-0368, [Amanda.Minks@wisconsin.gov](mailto:Amanda.Minks@wisconsin.gov)

**IV. Maps/attachments:**

- Next page shows a map of watersheds to be mapped across the entire project timeline.
- [DNR publication](#) outlining the mapping method that will be utilized in this project (June 2020 document).
- [DNR report](#) to EPA outlining project goals and deliverables so far under the current grant (December 2020 document).
- [Map](#) of the extent of new wetlands in the three pilot watersheds on the CNNF, summer of 2020.

Good Neighbor Supplemental Project Agreement 1 – Modification 10



Estimated Start: June 2021  
Estimated Completion: August 2025 (end of Agreement date)