



### MODIFICATION OF GRANT OR AGREEMENT

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1. U.S. FOREST SERVICE GRANT/AGREEMENT NUMBER: <b>15-GN-11091300-109</b>		2. RECIPIENT/COOPERATOR GRANT or AGREEMENT NUMBER, IF ANY:	3. MODIFICATION NUMBER: <b>013</b>
4. NAME/ADDRESS OF U.S. FOREST SERVICE UNIT ADMINISTERING GRANT/AGREEMENT (unit name, street, city, state, and zip + 4): <b>USDA Forest Service Eastern Region, Office of Grants &amp; Agreements E6248 US Highway 2, Ironwood, MI 49938</b>		5. NAME/ADDRESS OF U.S. FOREST SERVICE UNIT ADMINISTERING PROJECT/ACTIVITY (unit name, street, city, state, and zip + 4): <b>Chequamegon-Nicolet National Forest 500 Hanson Lake Road, Rhinelander, WI 54501</b>	
6. NAME/ADDRESS OF RECIPIENT/COOPERATOR (street, city, state, and zip + 4, county): <b>Wisconsin Department of Natural Resources PO Box 7921, Madison, WI 53707</b>		7. RECIPIENT/COOPERATOR'S HHS SUB ACCOUNT NUMBER (For HHS payment use only):	

### 8. PURPOSE OF MODIFICATION

CHECK ALL THAT APPLY:	This modification is issued pursuant to the modification provision in the grant/agreement referenced in item no. 1, above.
<input type="checkbox"/>	CHANGE IN PERFORMANCE PERIOD:
<input type="checkbox"/>	CHANGE IN FUNDING:
<input type="checkbox"/>	ADMINISTRATIVE CHANGES:
<input checked="" type="checkbox"/>	OTHER (Specify type of modification): Appendix C - Update to Restoration Project Statement of Work and Financial Plan

Except as provided herein, all terms and conditions of the Grant/Agreement referenced in 1, above, remain unchanged and in full force and effect.

9. ADDITIONAL SPACE FOR DESCRIPTION OF MODIFICATION (add additional pages as needed):

### 10. ATTACHED DOCUMENTATION (Check all that apply):

<input checked="" type="checkbox"/>	Revised Scope of Work
<input checked="" type="checkbox"/>	Revised Financial Plan
<input type="checkbox"/>	Other:

### 11. SIGNATURES

AUTHORIZED REPRESENTATIVE: BY SIGNATURE BELOW, THE SIGNING PARTIES CERTIFY THAT THEY ARE THE OFFICIAL REPRESENTATIVES OF THEIR RESPECTIVE PARTIES AND AUTHORIZED TO ACT IN THEIR RESPECTIVE AREAS FOR MATTERS RELATED TO THE ABOVE-REFERENCED GRANT/AGREEMENT.

11.A. SIGNATURE <b>Heather Berklund</b> Digitally signed by Heather Berklund Date: 2023.06.29 12:53:03 -05'00'	11.B. DATE SIGNED <b>6/29/2023</b>	11.C. U.S. FOREST SERVICE SIGNATURE  Digitally signed by JENNIFER YOUNGBLOOD Date: 2023.07.03 11:07:41 -05'00'	11.D. DATE SIGNED <b>07/03/2023</b>
(Signature of Signatory Official)		(Signature of Signatory Official)	
11.E. NAME (type or print): <b>HEATHER BERKLUND</b>		11.F. NAME (type or print): <b>JENNIFER YOUNGBLOOD</b>	
11.G. TITLE (type or print): <b>Chief State Forester</b>		11.H. TITLE (type or print): <b>Forest Supervisor</b>	

### 12. G&A REVIEW

12.A. The authority and format of this modification have been reviewed and approved for signature by: <b>CATHERINE ANSAMI</b> Digitally signed by CATHERINE ANSAMI Date: 2023.06.27 13:07:04 -05'00' <b>CATHY ANSAMI</b> U.S. Forest Service Grants & Agreements Specialist	12.B. DATE SIGNED
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#### Burden Statement

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**Bat Acoustic Data Analysis**

**Appendix C: Statement of Work**

**\*\*\*Update to Modification 8\*\*\***

**I. Objectives:**

The CNNF will provide the WDNR with all collected acoustic data, the WDNR will analyze the provided acoustic data, and the WDNR will provide the CNNF with deliverables that include maps, ArcGIS shapefiles, and labeled acoustic files. Specifically:

- The CNNF will complete 11-13 acoustic transects, run three times each, during the established survey season. All collected data and associated data/forms will be provided to the WDNR in a timely manner or previously agreed on time.
- The WDNR will analyze all provided acoustic files and provide a map for each transect replicate, as well as shapefiles of identified bat locations, and acoustic files labeled with the respective species or species group ID.

**II. Tasks and Timeline:**

The tasks and general timeline for this project are as follows:

<b>Time</b>	<b>Description</b>
June-July (occurs annually)	CNNF: Complete all survey transects starting June 1 and ending July 15.
August- September (occurs annually)	CNNF: Provide WDNR with all collected acoustic data and associated files.
September-November (occurs annually)	WDNR: Analyze acoustic data and provide maps, shapefiles, and labeled acoustic files.

**III. Budget:**

The estimated budget, including indirect and fringe costs, is as follows:

<b>Cost</b>	<b>Description of Expenditures</b>
<b>\$4,200</b>	Approx. 80 hours of analysis, mapping, creating shapefiles, and data management.

**III. Point of Contacts:**

- Forest Service: Brian Heeringa, 715-373-2667 x5234, brian.heeringa@usda.gov
- Wisconsin DNR: J. Paul White, 608-294-7025, John.White@wi.gov

**IV. Maps/Diagrams:**

No maps needed.

## **Botanical Surveys, Assessments, and Natural Area Site Visits FY23 and Beyond**

### **Appendix C: Statement of Work** **\*\*\*Update of Contacts for Modification 8\*\*\***

#### **I. Objectives:**

Visit known rare plant locations in natural areas and perform site condition “checkup” on the Chequamegon-Nicolet National Forest (CNNF). Determine current status of rare plant population while also documenting condition of natural area on a “checkup” form. A small number of sites will need natural community inventory documentation.

- **Chequamegon Rare Plant Survey** (project 1): DNR’s Bureau of Natural Heritage Conservation (NHC) will visit natural areas on the CNNF, specific location will be outlined in the workload tables below. There are two objectives for this work. First, they will complete “checkups” of each natural area, focusing on identifying disturbances (natural or anthropogenic) to the site. Secondly, NHC will revisit known rare plant populations throughout the district and document on NHC’s rare plant reporting form.
- **Nicolet Rare Plant Survey** (project 2): NHC will visit natural areas on the CNNF, specific location will be outlined in the workload tables below. There are two objectives for this work. First, they will complete “checkups” of each natural area, focusing on identifying disturbances (natural or anthropogenic) to the site. Secondly, NHC will revisit known rare plant populations throughout the district and document on NHC’s rare plant reporting form.
- **Aquatic Plant Lake Survey** (project 3): NHC will conduct Aquatic Plant surveys (on Lakes) that are within/adjacent to designated natural areas on the Eagle River-Florence and Laona-Lakewood Ranger District. This will allow for early detection/rapid response of invasive aquatic plants and will also provide an assessment of aquatic integrity.
- **Natural Area Survey** (project 4): Conduct ecological assessment of 20 designated natural areas in the Eagle River-Florence and Laona-Lakewood Ranger Districts, as well as an additional 20 designated natural areas in the Chequamegon Zone. Use standard NHI methodology.
- **Updated Conservation Assessment** (project 5): Update conservation assessments for selected species. Distribution, Abundance, and Status: update Appendix A in existing assessments, and review existing conservation assessment to ensure it is still accurate.

#### **II. Tasks and Timeline:**

##### **Deliverables:**

- Project 1 & 2: The NHC will submit a “checkup” form for each site visited on the CNNF. The focus of these forms is to identify any disturbances, particularly from human use but also natural disturbances such as windthrow. NHC will also submit rare plant reports on any CNNF sensitive species revisited in 2019, including any previously unknown populations. NHC will use a rare plant form designed by NHC. The CNNF will provide:
  - Chequamegon Rare Plant Survey:

Estimated Start: In Progress

Estimated Completion: Aug. 2025

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- A list and map of natural area of interest
  - Locator map of natural areas on the Chequamegon side
  - Rare plant trend information
  - List of rare plants that occur in natural areas on the area of interest
  - Geodatabase with rare plant occurrences
  - Template/form for reporting natural area conditions
  - Past natural area check-up forms for reference
  - A USFS Yale key for access (requires the State to sign a USDA-Forest Service Personal Custody Property Receipt and acknowledge financial responsibility for the value of items lost or damaged).
- Nicolet Rare Plant Survey:
  - Locator map of natural areas on Nicolet side
  - List of rare plants that occur in natural area of interest
- Project 3: NHC will provide a list of aquatic species and relative abundance of that species for each lake surveyed (noting invasive species). The CNNF will provide:
  - Surveys for both non-native and native plants in 91 lakes greater than 10 acres that are within or adjacent to designated natural areas on the Eagle River-Florence Ranger Districts. List of lakes to be surveyed.
- Project 4: NHC will complete NHI community inventory forms for the sites that are surveyed. The CNNF will provide:
  - Botanical/community inventory in 20 natural areas that currently lack adequate documentation.
    - List of natural areas needing community inventory
- Project 5: (Conservation Assessments) NHC will update the Botrychium mormo conservation assessment providing current information about distribution, abundance, and status. Also, assessment Appendix A should be updated, and existing conservation assessment should be reviewed to ensure it is still accurate.

The tasks and general timeline for this project are as follows:

Time	Description
Winter/early Spring annually	Forest Service will determine which stands to survey and provide data and information to cooperator
Late Spring/Summer/early annually	State will conduct rare plant surveys and inspect Natural Areas of interest.
December 31 <sup>st</sup> annually	Final Report Due

**Deadline for work:** December 31<sup>st</sup>, of given year in workload table below.

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<b>Table 1: Specific Workload from GNA Botanical Projects on the CNNF</b>				
<b>District</b>	<b>Project Area</b>	<b>Acres</b>	<b>Cost Estimate</b>	<b>Timeline or Priority</b>
Forest-wide <i>Project 5</i> *Mod. 11*	Calypso bulbosa and Cypripedium arietinum Conservation Assessment Updates	2 Conservation Assessments	\$10,000	2023
Eagle River – Florence & Lakewood – Laona <i>Project 3</i> *Mod. 9*	Aquatic Plant Surveys of lakes (NNIS and native plants)	21 lakes	\$16,000 (3 weeks, 2-person crew)	2023
Eagle River Florence & Lakewood – Laona <i>Project 4</i> *Mod. 9*	Botanical and community assessment and documentation	20 existing natural areas (which lack adequate inventory/documentation)	\$11,000	2023 <b>(5 of 20 completed in 2020)</b>
Forest-wide (part of a statewide effort) <i>Projects 1 &amp; 2</i> *Mod. 11*	Peatlands Bryophyte Inventory	Inventory high, medium, and low-quality examples of two peatland types	\$28,000	2024
Chequamegon Zone <i>Project 4</i> *Mod. 11*	Botanical and community assessment and documentation	20 existing natural areas (which lack adequate inventory/documentation) (Sites TBD)	\$15,000	2024
Nicolet Zone <i>Project 3</i> *Mod. 11*	Aquatic Plant Surveys of lakes (NNIS and native plants)	21 lakes	\$16,000 (3 weeks, 2-person crew)	2024

Estimated Start: In Progress  
Estimated Completion: Aug. 2025

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<b>Table 1: Specific Workload from GNA Botanical Projects on the CNNF</b>				
<b>District</b>	<b>Project Area</b>	<b>Acres</b>	<b>Cost Estimate</b>	<b>Timeline or Priority</b>
Great Divide <i>Project 1</i> *Mod. 11*	Rare Plant monitoring in Natural Areas (MA 8 EFG - RNA, SMA, Old Growth areas); also, complete monitoring “checkup” at each natural area visited	Details will be forthcoming	\$41,000	2025
<b>COMPLETED Projects:</b>				
Medford – Park Falls <i>Project 1</i> DONE	Rare Plant monitoring in Natural Areas (MA 8 EFG - RNA, SMA, Old Growth areas); also, complete monitoring “checkup” at each natural area visited	Checkups on 54 natural areas (28 PF, 25 Med). Monitoring of 54 rare plant sites, NNIS surveys, etc.	\$28,000 8 weeks	2022 <b>Completed</b>
Lakewood-Laona <i>Project 2</i> DONE	Rare Plant monitoring in Natural Areas (MA 8 EFG - RNA, SMA, Old Growth areas); also, complete monitoring “checkup” at each natural area visited	Complete work on sites that were not accessible in 2019 due to windstorms. There are 68 natural areas (42,680 acres) with approximately 120 rare plant locations on this district. Of these, 50 sites and approximately 50 rare plant populations were not able to be surveyed in 2019 due to the storm.	\$28,000	2021 <b>Completed</b>
Species Range-wide <i>Project 5</i> DONE	Botrychium mormo Conservation Assessment Update	1 Conservation Assessment Update	\$4,500	2020 <b>Complete</b>
Washburn <i>Project 1</i> DONE	Rare Plant monitoring in Natural Areas (MA 8 EFG - RNA, SMA, Old Growth areas); also, complete monitoring “checkup” at each natural area visited	Check-ups on 16 natural areas. Surveys of 29 known rare plant populations.	\$15,000	2020 <b>Completed</b>

Estimated Start: In Progress  
Estimated Completion: Aug. 2025

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<b>Table 1: Specific Workload from GNA Botanical Projects on the CNNF</b>				
<b>District</b>	<b>Project Area</b>	<b>Acres</b>	<b>Cost Estimate</b>	<b>Timeline or Priority</b>
Eagle River - Florence  <i>Project 2</i>  DONE	Rare Plant monitoring in Natural Areas (MA 8 EFG - RNA, SMA, Old Growth areas); also, complete monitoring “checkup” at each natural area visited	Check-ups on 57 natural areas; Surveys of 163 rare plant populations.	\$28,400	2019-2020 <b>Completed</b>
Revised: Sarah Holmes and Ann Dassow on 3/28/2023				

**III. Point of Contacts:**

- Forest Service: Ann Dassow, Forest Botanist, 715-748-4875 x7484824, [ann.dassow@usda.gov](mailto:ann.dassow@usda.gov)
- Wisconsin DNR: Kevin Doyle, 608-416-3377, [KevinF.Doyle@wisconsin.gov](mailto:KevinF.Doyle@wisconsin.gov)

**IV. Maps/Diagrams:**

Detail provided when needed.



## Coldwater Community Restoration and Maintenance

### Appendix C: Statement of Work

**\*\*Update of Contacts for Modification 8\*\***

#### I. Objectives/Project Description:

1. Restore and protect coldwater ecosystems by implementing beaver management on selected wild rice beds and other infrastructure.
2. Streamline the existing cooperative beaver management program among USDA FS, WDNR and USDA-WS, to:
  - a. Gain efficiency in the restoration and protection of coldwater stream systems.
  - b. Accomplish in-stream habitat improvement projects.
  - c. Protect infrastructure (road-stream crossings, impoundments, etc.)
  - d. Protect wild rice resources.
3. Maintain approximately 560 miles of free-flowing streams on National Forest lands.

#### II. Tasks and Timeline:

The tasks below are expected to occur annually for the life of the GNA Supplemental Project Agreement #1 (unless the USDA Forest Service or the WDNR choose otherwise) and the money amount on the financial plan is a per year amount. Estimated annual costs are around \$200,000.

The tasks and general timeline for this project are as follows:

Time	Description
Around January (occurs annually)	Have signed agreement with USDA-Wildlife Services for beaver control activities on CNNF lands. Beaver controls starts in the Spring.
Around Oct./Nov. (occurs annually)	Conduct fall beaver colony surveys (flights) in-coordination with USDA-Wildlife Services.

#### III. Point of Contacts:

- Forest Service: **Joel Flory, 715-362-1321, [joel.flory@usda.gov](mailto:joel.flory@usda.gov)**
- Wisconsin DNR: **Bryan Patek, 608-658-0064, [Bryan.Patek@Wisconsin.gov](mailto:Bryan.Patek@Wisconsin.gov)**

**Common Stand Exam**

**Appendix C: Statement of Work**

**\*\*\*Adding 2,461 plots to original Modification 7 proposal\*\***

**Table 1: Summary of Previous Acres within CSE Project**

District	Project Area	Est. No. Stands	Estimated Acres	Est. No. Plots	Data Needed By	Cost Estimate	GNA Agreement
<del>Great Divide**</del>	<del>Morse-Stockfarm</del>	<del>431</del>	<del>14,097</del>	<del>2,315</del>	<del>June 30, 2020</del>	<del>-</del>	<del>Modification #7</del>
<del>Washburn**</del>	<del>Red Pine Rotation</del>	<del>116</del>	<del>6,555</del>	<del>741</del>	<del>June 30, 2020</del>	<del>-</del>	<del>Modification #7</del>
<del>Eagle River-Florence**</del>	<del>Lone Duck</del>	<del>211</del>	<del>3,540</del>	<del>852</del>	<del>June 30, 2020</del>	<del>-</del>	<del>Modification #7</del>
Great Divide	Morse	143	4,846	777	June 30, 2021	\$39,000	Modification #9
Lakewood-Laona	Armstrong Creek	88	4,974	593	July 1, 2022	\$30,000	Modification #10
Great Divide	Stockfarm	136	3,973	674	July 1, 2022	\$34,000	Modification #10
Medford-Park Falls	Medford SW	107	4,775	675	June 30, 2023	\$25,000	Modification #11
Eagle River-Florence	Longrail	74	2,987	532	June 30, 2023	\$20,000	Modification #11
Lakewood-Laona	Armstrong	83	2,431	420	June 30, 2023	\$16,000	Modification #11
Great Divide	Stockfarm	70	1,533	315	June 30, 2023	\$12,000	Modification #11
<b>Totals:</b>		<b>701</b>	<b>25,519</b>	<b>3,986</b>	<b>-</b>	<b>\$176,000</b>	

\*\*This workload was mutually canceled due to capacity and contracting issues that were not foreseen. In summary, all workload from Modification #7 was canceled if it wasn't added to Agreement #1, Modification #9.

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**Table 2: Summary of Additional Acres**

District	Project Area	Est. No. Stands	Estimated Acres	Est. No. Plots	Data Needed By	Cost Estimate	GNA Agreement
Great Divide	Bear Cub	101	4,816	598	December 31, 2024	\$29,159	Modification #13
Lakewood-Laona	Hiles Old Data	80	2,982	450	December 31, 2024	\$21,942	Modification #13
Washburn	Drum West	279	8,199	1413	December 31, 2024	\$68,899	Modification #13
<b>Totals:</b>		<b>460</b>	<b>15,998</b>	<b>2,461</b>	<b>-</b>	<b>\$120,000</b>	

<b>Table 3: Great Divide Stand Details, Modification #13</b>			
Compartment	Stand	Acres	# of Plots
00001	1	55	7
00001	4	38	6
00001	5	20	4
00001	6	205	14
00001	8	38	6
00001	9	40	6
00001	10	65	8
00001	11	12	4
00001	12	64	8
00001	14	20	4
00001	15	9	3
00001	16	37	6
00001	17	10	3
Sub-Total		<b>614</b>	<b>79</b>
00010	2	72	8
00010	3	59	7
00010	4	28	5
00010	11	17	4
00010	12	29	5
00010	13	118	10
00010	15	26	5
00010	17	7	3
00010	19	38	6
00010	20	15	4
00010	21	254	16
00010	24	15	4
00010	26	31	6
00010	27	5	3

Estimated Start: In Progress  
 Estimated Completion: December 2024

<b>Table 3: Great Divide Stand Details, Modification #13</b>			
<b>Compartment</b>	<b>Stand</b>	<b>Acres</b>	<b># of Plots</b>
00010	29	11	4
00010	30	22	5
00010	31	29	5
00010	32	22	5
00010	33	5	3
00010	34	17	4
<b>Sub-Total</b>		<b>820</b>	<b>112</b>
00011	1	19	4
00011	3	16	4
00011	4	12	4
00011	5	417	20
00011	7	23	5
00011	9	54	7
00011	10	22	5
00011	11	17	4
00011	12	139	11
00011	13	7	3
00011	16	42	7
00011	17	35	6
00011	20	24	5
00011	21	7	3
00011	23	38	6
00011	24	36	6
00011	25	62	8
00011	26	27	5
<b>Sub-Total</b>		<b>998</b>	<b>113</b>
00012	3	16	4
00012	5	32	6
00012	6	17	4
00012	9	151	12
00012	11	5	3
00012	13	560	20
00012	14	19	4
00012	16	2	3
00012	19	54	7
00012	25	10	3
00012	26	9	3
00012	29	55	7
00012	30	24	5
00012	31	34	6
00012	33	44	7
00012	35	6	3
00012	37	86	9

Estimated Start: In Progress  
 Estimated Completion: December 2024

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<b>Table 3: Great Divide Stand Details, Modification #13</b>			
<b>Compartment</b>	<b>Stand</b>	<b>Acres</b>	<b># of Plots</b>
00012	43	14	4
Sub-Total		<b>1136</b>	<b>110</b>
00013	1	49	7
00013	3	22	5
00013	10	238	15
00013	11	51	7
00013	17	24	5
00013	18	20	4
00013	23	29	5
Sub-Total		<b>431</b>	<b>48</b>
00014	2	59	7
00014	4	59	7
00014	5	15	4
00014	6	76	8
00014	10	17	4
00014	12	4	3
00014	16	50	7
00014	19	51	7
00014	25	44	7
00014	29	49	7
00014	30	51	7
00014	31	59	7
00014	32	28	5
00014	33	16	4
00014	38	17	4
00014	42	23	5
00014	43	23	5
00014	45	36	6
00014	46	15	4
00014	49	14	4
00014	51	12	4
00014	52	31	6
00014	59	15	4
00014	60	30	5
00014	61	23	5
Sub-Total		<b>817</b>	<b>136</b>

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<b>Table 4: Lakewood-Laona Stand Details, Modification #13</b>			
<b>Compartment</b>	<b>Stand</b>	<b>Acres</b>	<b># of plots</b>
5226	2	24	5
5226	7	15	4
5226	9	13	4
<b>Sub-Total</b>		<b>52</b>	<b>13</b>
5230	1	43	7
5230	3	142	11
5230	5	24	5
5230	6	21	5
5230	8	103	10
5230	12	24	5
5230	13	33	6
<b>Sub-Total</b>		<b>390</b>	<b>49</b>
5237	7	47	7
5237	9	10	3
5237	11	37	6
5237	17	49	7
<b>Sub-Total</b>		<b>143</b>	<b>23</b>
5238	2	239	15
5238	5	11	4
5238	8	20	4
5238	9	31	6
5238	15	145	11
5238	16	24	5
5238	17	53	7
5238	18	32	6
5238	20	27	5
5238	21	23	5
5238	27	11	4
5238	28	12	4
5238	31	29	5
5238	33	22	5
5238	40	12	4
5238	48	36	6
<b>Sub-Total</b>		<b>727</b>	<b>96</b>
5239	1	43	7
5239	4	44	7
5239	7	14	4
5239	15	69	8

Estimated Start: In Progress  
 Estimated Completion: December 2024

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<b>Table 4: Lakewood-Laona Stand Details, Modification #13</b>			
<b>Compartment</b>	<b>Stand</b>	<b>Acres</b>	<b># of plots</b>
5239	16	27	5
5239	19	73	8
5239	20	25	5
5239	23	21	5
5239	25	239	15
5239	26	40	6
5239	27	36	6
5239	29	34	6
5239	30	59	7
5239	31	18	4
5239	34	66	8
5239	44	67	8
<b>Sub-Total</b>		<b>875</b>	<b>109</b>
5240	1	24	5
5240	3	15	4
5240	4	43	7
5240	5	19	4
5240	6	53	7
5240	7	19	4
5240	8	60	7
5240	10	20	4
5240	11	18	4
5240	12	18	4
5240	21	20	4
5240	22	13	4
<b>Sub-Total</b>		<b>322</b>	<b>58</b>
5242	4	19	4
5242	6	15	4
5242	7	13	4
5242	12	16	4
5242	14	16	4
5242	15	18	4
5242	18	30	5
5242	19	31	6
5242	20	39	6
5242	22	19	4
5242	23	34	6
5242	24	34	6
5242	25	14	4

Estimated Start: In Progress  
 Estimated Completion: December 2024

Good Neighbor Supplemental Project Agreement 1 – Modification 13

<b>Table 4: Lakewood-Laona Stand Details, Modification #13</b>			
<b>Compartment</b>	<b>Stand</b>	<b>Acres</b>	<b># of plots</b>
5242	27	23	5
5242	28	11	4
5242	31	47	7
5242	35	11	4
5242	52	12	4
5242	54	20	4
5242	55	13	4
5242	61	24	5
5242	65	14	4
<b>Sub-Total</b>		<b>473</b>	<b>102</b>

<b>Table 5: Washburn Stand Details, Modification #13</b>			
<b>Compartment</b>	<b>Stand</b>	<b>Acres</b>	<b># of Plots</b>
00008	1	30	5
00008	2	8	3
00008	3	27	5
00008	4	11	4
00008	5	14	4
00008	6	8	3
00008	7	50	7
00008	8	78	8
00008	9	17	4
00008	10	87	9
00008	11	16	4
00008	12	11	4
00008	13	13	4
00008	14	10	3
00008	15	19	4
00008	16	36	6
00008	17	7	3
00008	18	9	3
00008	20	15	4
00008	21	10	4
00008	23	16	4
00008	24	14	4

Estimated Start: In Progress  
 Estimated Completion: December 2024



<b>Table 5: Washburn Stand Details, Modification #13</b>			
<b>Compartment</b>	<b>Stand</b>	<b>Acres</b>	<b># of Plots</b>
00008	25	6	3
00008	26	38	6
00008	27	59	7
00008	28	60	7
00008	29	28	5
00008	30	31	6
00008	31	25	5
00008	32	29	5
00008	33	85	9
00008	34	8	3
00008	35	18	4
00008	36	28	5
00008	37	8	3
<b>Sub-Total</b>		<b>927</b>	<b>167</b>
00034	1	28	5
00034	2	43	7
00034	3	39	6
00034	4	179	13
00034	5	13	4
00034	6	7	3
00034	8	15	4
00034	9	14	4
00034	11	36	6
00034	15	29	5
00034	16	16	4
00034	17	12	4
00034	19	152	12
00034	20	23	5
00034	24	24	5
00034	25	11	4
00034	26	64	8
00034	27	4	3
00034	29	95	9
00034	32	34	6
00034	33	21	5
00034	34	13	4
00034	35	17	4

Estimated Start: In Progress  
 Estimated Completion: December 2024

Good Neighbor Supplemental Project Agreement 1 – Modification 13

<b>Table 5: Washburn Stand Details, Modification #13</b>			
<b>Compartment</b>	<b>Stand</b>	<b>Acres</b>	<b># of Plots</b>
00034	37	32	6
<b>Sub-Total</b>		<b>920</b>	<b>136</b>
00035	1	49	7
00035	4	37	6
00035	5	18	4
00035	7	11	4
00035	8	18	4
00035	9	8	3
00035	11	21	5
00035	12	39	6
00035	13	19	4
00035	14	91	9
00035	15	97	9
00035	16	7	3
00035	22	141	11
00035	23	69	8
00035	25	48	7
00035	26	33	6
00035	28	45	7
00035	30	35	6
00035	32	14	4
00035	33	70	8
00035	35	11	4
00035	36	27	5
00035	37	14	4
00035	38	30	5
00035	39	8	3
00035	40	24	5
00035	41	29	5
00035	42	76	8
00035	43	78	8
00035	44	41	7
00035	45	16	4
00035	46	26	5
00035	47	68	8
00035	49	43	7
00035	55	8	3

Estimated Start: In Progress  
 Estimated Completion: December 2024

Good Neighbor Supplemental Project Agreement 1 – Modification 13

<b>Table 5: Washburn Stand Details, Modification #13</b>			
<b>Compartment</b>	<b>Stand</b>	<b>Acres</b>	<b># of Plots</b>
00035	56	3	3
<b>Sub-Total</b>		<b>1372</b>	<b>205</b>
00036	1	21	5
00036	2	6	3
00036	3	22	5
00036	4	27	5
00036	7	79	8
00036	8	19	4
00036	13	21	5
00036	14	17	4
00036	15	35	6
00036	18	59	7
00036	19	13	4
00036	20	10	4
00036	21	6	3
00036	22	57	7
00036	24	9	3
00036	25	9	3
00036	27	13	4
00036	28	7	3
00036	30	12	4
00036	32	49	7
00036	33	16	4
00036	37	23	5
00036	38	2	3
00036	39	14	4
00036	40	11	4
00036	42	14	4
00036	46	5	3
<b>Sub-Total</b>		<b>577</b>	<b>121</b>
00038	1	10	4
00038	6	8	3
00038	7	39	6
00038	8	41	7
00038	11	10	4
00038	12	30	6
00038	13	26	5

Estimated Start: In Progress  
 Estimated Completion: December 2024

<b>Table 5: Washburn Stand Details, Modification #13</b>			
<b>Compartment</b>	<b>Stand</b>	<b>Acres</b>	<b># of Plots</b>
00038	14	17	4
00038	15	13	4
<b>Sub-Total</b>		<b>195</b>	<b>43</b>
00039	1	14	4
00039	2	27	5
00039	3	23	5
00039	4	10	4
00039	5	16	4
00039	7	33	6
00039	8	46	7
00039	9	7	3
00039	10	15	4
00039	11	63	8
00039	13	28	5
00039	15	67	8
00039	16	16	4
00039	17	33	6
00039	18	40	7
00039	19	6	3
00039	21	21	5
00039	22	10	4
00039	23	57	7
00039	24	6	3
00039	25	18	4
00039	27	21	5
00039	28	23	5
00039	29	33	6
00039	30	30	6
00039	31	14	4
00039	32	19	4
00039	33	4	3
00039	34	13	4
00039	36	22	5
00039	37	35	6
00039	38	7	3
00039	39	53	7
00039	41	42	7

Estimated Start: In Progress  
 Estimated Completion: December 2024

<b>Table 5: Washburn Stand Details, Modification #13</b>			
<b>Compartment</b>	<b>Stand</b>	<b>Acres</b>	<b># of Plots</b>
<b>Sub-Total</b>		<b>873</b>	<b>171</b>
00060	1	17	4
00060	2	31	6
00060	4	53	7
00060	5	9	3
00060	8	13	4
00060	9	7	3
00060	10	156	12
00060	12	20	4
00060	14	269	16
00060	18	25	5
00060	19	27	5
00060	20	10	3
00060	21	22	5
00060	24	54	7
00060	26	15	4
00060	27	22	5
00060	28	28	5
00060	31	19	4
00060	32	14	4
00060	33	33	6
00060	34	118	10
00060	35	14	4
00060	36	14	4
00060	38	23	5
<b>Sub-Total</b>		<b>1012</b>	<b>135</b>
00063	1	64	8
00063	2	12	4
00063	3	6	3
00063	4	14	4
00063	6	24	5
00063	10	46	7
00063	12	13	4
00063	13	26	5
00063	15	40	7
00063	16	12	4
00063	17	36	6

Estimated Start: In Progress  
 Estimated Completion: December 2024

<b>Table 5: Washburn Stand Details, Modification #13</b>			
<b>Compartment</b>	<b>Stand</b>	<b>Acres</b>	<b># of Plots</b>
00063	18	104	10
00063	21	210	14
<b>Sub-Total</b>		<b>606</b>	<b>81</b>
00065	2	7	3
00065	3	40	6
00065	5	9	3
00065	6	14	4
00065	8	46	7
00065	9	47	7
00065	10	52	7
00065	11	18	4
00065	14	22	5
00065	15	54	7
00065	16	15	4
00065	18	17	4
00065	19	67	8
00065	20	10	3
00065	24	36	6
00065	26	8	3
00065	28	11	4
00065	29	14	4
00065	30	22	5
00065	31	17	4
00065	32	9	3
00065	37	48	7
00065	38	16	4
00065	39	5	3
00065	41	33	6
00065	42	15	4
00065	43	14	4
00065	50	14	4
00065	51	31	6
00065	52	6	3
00065	57	18	4
00065	62	7	3
00065	64	22	5
00065	67	7	3

Estimated Start: In Progress  
 Estimated Completion: December 2024

Good Neighbor Supplemental Project Agreement 1 – Modification 13

<b>Table 5: Washburn Stand Details, Modification #13</b>			
<b>Compartment</b>	<b>Stand</b>	<b>Acres</b>	<b># of Plots</b>
<b>Sub-Total</b>		<b>769</b>	<b>157</b>
00066	1	18	4
00066	2	11	4
00066	3	26	5
00066	4	59	7
00066	5	8	3
00066	6	30	5
00066	7	12	4
00066	12	9	3
00066	14	24	5
00066	15	9	3
00066	22	20	5
00066	23	21	5
00066	24	5	3
00066	28	10	4
<b>Sub-Total</b>		<b>264</b>	<b>60</b>
00067	1	86	9
00067	2	10	3
00067	3	42	7
00067	4	10	4
00067	6	30	5
00067	7	25	5
00067	8	13	4
00067	9	17	4
00067	13	6	3
00067	18	10	4
<b>Sub-Total</b>		<b>249</b>	<b>48</b>
00089	1	61	8
00089	4	16	4
00089	5	23	5
00089	6	25	5
00089	7	13	4
00089	8	37	6
00089	9	18	4
00089	10	17	4
00089	12	9	3
00089	13	7	3

Estimated Start: In Progress  
 Estimated Completion: December 2024

<b>Table 5: Washburn Stand Details, Modification #13</b>			
<b>Compartment</b>	<b>Stand</b>	<b>Acres</b>	<b># of Plots</b>
00089	14	26	5
00089	15	44	7
00089	16	24	5
00089	17	30	5
00089	21	13	4
00089	24	6	3
00089	25	15	4
00089	26	16	4
00089	28	36	6
<b>Sub-Total</b>		<b>435</b>	<b>89</b>

More detailed maps, specifications, data codes, etc. will be provided when needed.

Updated 04/13/2023  
Karl Welch



**Cooperative Watershed Management and Restoration**  
Stream Crossing Inventory & Stream Restoration

**Appendix C: Statement of Work 2023**

**\*\*\*Update to Modification 9\*\*\***

**I. Objectives:**

1. Data collection at road and trail stream crossings in the project area (Figure 1).
2. Evaluate inventory data for road stream crossing risk analysis and prioritization for replacement.
3. Conduct training and QA/AC with contractor (MSA).
4. Collect data at up to 1,200 sites each field season (March to November) during the 2023 field season.
5. Enter into agreements with County Highway Departments to address high priority fish passage barriers and failing culverts to restore streams and provide broad local benefits (timber harvest access, public recreation access, town road infrastructure, flood resiliency, etc.)
6. To be eligible for a culvert replacement stream restoration the project needs to address the following issues:
  - a. failing infrastructure
  - b. negative environmental impacts
  - c. involvement of the local County Highway Department
  - d. meet all best management practices to protect water quality
  - e. a resolution in support of the project must be passed by the appropriate Town and/or County Board

**II. Tasks and Timeline:**

<b>Timeline</b>	<b>Task Description</b>	<b>Cost Estimate</b>
2023 Field Season*	DNR contractor (MSA) will inventory approximately 1,180 sites.	\$230,000
	Taylor County Stream Restoration (7 culverts)	\$256,500
	DNR Project Management	\$4,800

\* The field season typically runs from March through November. The DNR project manager will also track expenditures by DNR fiscal year.

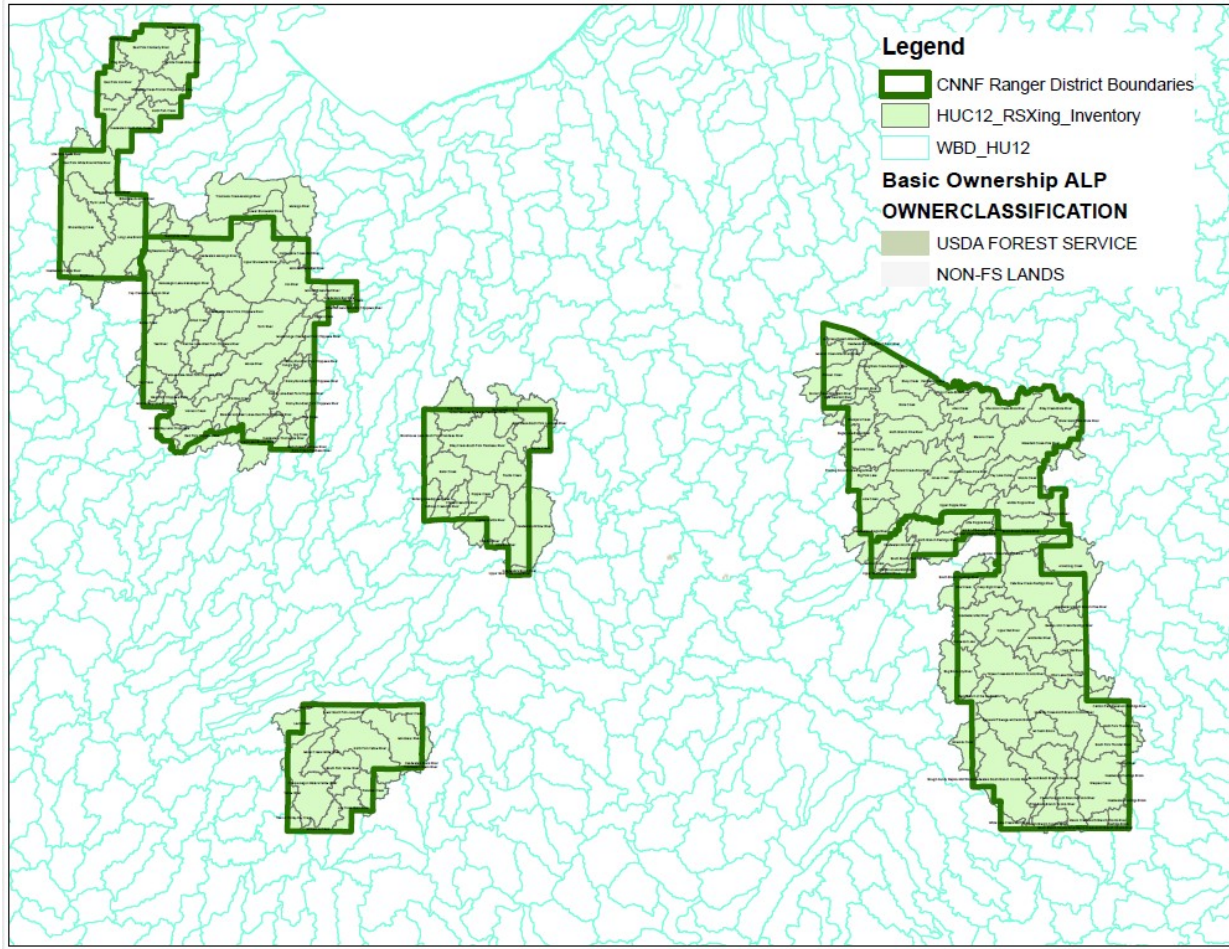
**III. Point of Contacts:**

- Forest Service: Chris Ester 715-362-1304, Christopher.Ester@usda.gov
- Wisconsin DNR: Jon Simonsen 715-367-1936, Jonathan.Simonsen@wisconsin.gov

**IV. Maps/Diagrams:**

- Next page shows a map of project area watersheds for the stream crossing inventory (Figure 1) and 2023 Taylor County stream crossing replacement locations (figure 2)

Figure 1



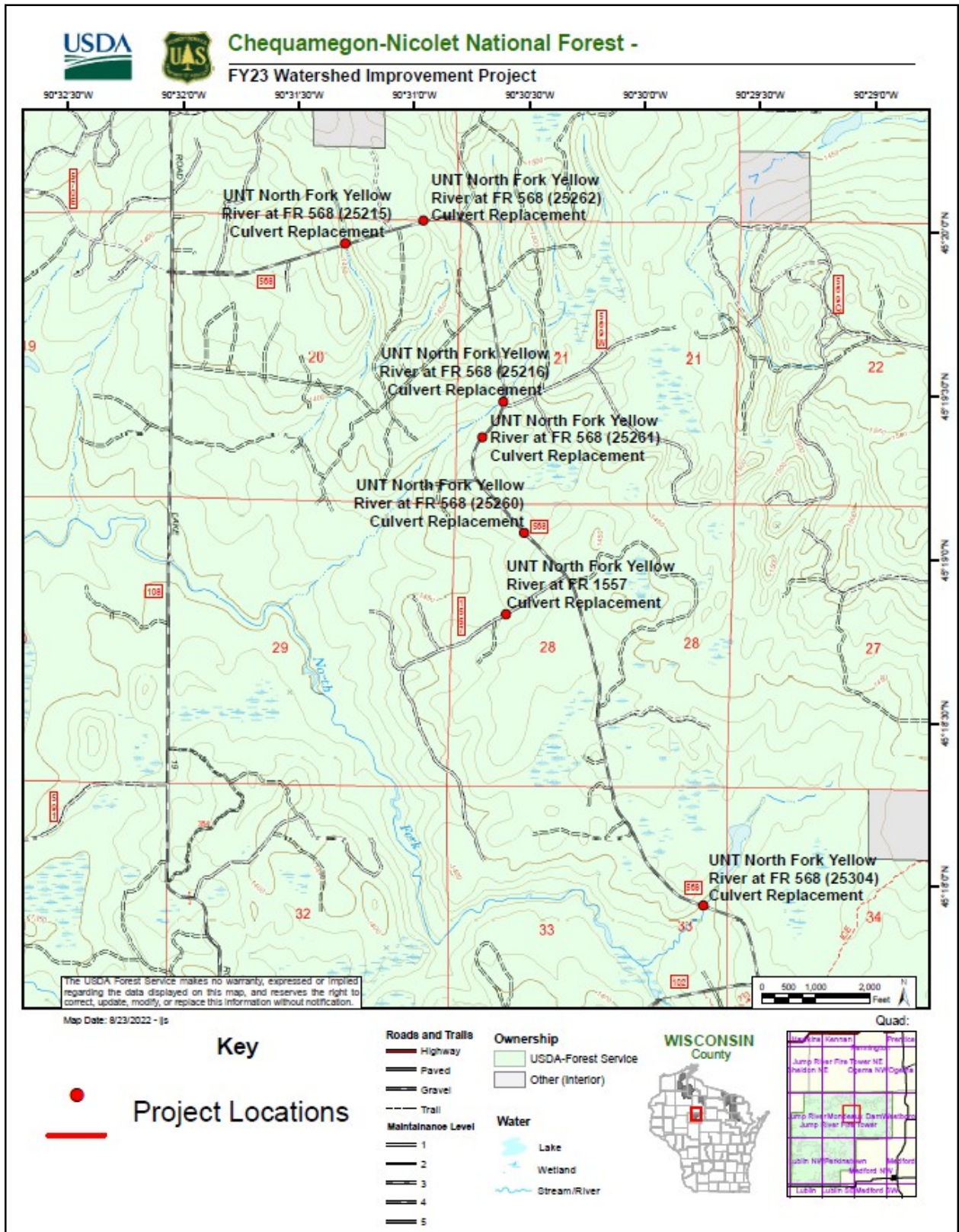


Figure 2

Estimated Start: In Progress  
 Estimated Completion: December 2023

## **Groundwater and Geological Resource Inventory and Investigations Phase 3**

### **APPENDIX C: Statement of Work**

**\*\*\*Update from Modification 8\*\*\***

**I. Project Description:** Conduct groundwater and geological resource inventories and investigations of identified groundwater/surface water management issues within the Chequamegon-Nicolet National Forest (CNNF). Prepare reports and maps and make this information available to the Forest Service and public.

Phase 3 includes two years of work starting in FY2024.

#### **II. Forest Service Shall:**

1. Coordinate with WGNHS on project activities to support field work and deliverables.
2. Provide peer review for draft reports.

#### **III. State Shall:**

Complete the proposed project activities for two projects: 1) Drummond area water level investigation, 2) Groundwater level monitoring. See below for study tasks and timeline. The projected project end date for this phase of the work is June 2025.

#### **IV. Goals:**

1. Seepage lakes near Drummond WI, including Pigeon Lake, have historically fluctuated widely and recently experienced a record high. The goals of this study are to improve our understanding of the groundwater-surface water system to manage and protect the water resource.
2. Measure, report, and archive groundwater levels in monitoring wells: TA-217, PR-088, BA-362 and BA-363.
3. Protect and manage the groundwater/surface water resource and associated ecosystems.

#### **V. Objectives:**

1. For the Drummond area seepage lakes: Characterize the hydrogeologic system around Pigeon Lake and evaluate potential future water level conditions. The deliverable will be a final report in FY 2025.
2. Continue funding for US Geological Survey to measure, report, and archive groundwater levels in monitoring wells: TA-217 in the Medford Unit, Taylor County; PR-088 in the Park Falls Unit, Price County; BA-362 and BA-363 in the Washburn Unit, Bayfield

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County. The water level data will be published on the statewide monitoring level network website.

**VI. Tasks and Timeline:**

The tasks and general timeline are as follows.

**State FY2024: Total Budget \$95,562**

1. Drummond area water level investigation (year 5 of 6): **Budget \$68,362**
  - a. Continue to monitor groundwater wells and surface water positions for levels and baseline chemistry (quarterly).
  - b. Continue to analyze results of data collection.
  - c. Evaluate patterns in precipitation and lake levels with respect to future conditions through water balance analysis and groundwater flow modeling.
  - d. Provide an interim summary of data and work to USFS.
2. Groundwater level monitoring: **Budget \$27,200**
  - a. USGS will continue to monitor TA-217 (Bend well) in the Medford Unit, Taylor County; PR-088 in the Park Falls Unit, Price County; and BA-362 and BA-363 in the Washburn Unit, Bayfield County from July 2023 to June 2024.

**State FY2025: Total Budget \$88,704**

1. Drummond area water level investigation (year 6 of 6): **Budget \$60,704**
  - a. Continue to monitor groundwater wells until fall 2024; evaluate ongoing need for monitoring wells and abandon, if necessary.
  - b. Continue to monitor groundwater wells and surface water positions for levels and baseline chemistry (quarterly) until fall 2024.
  - c. Evaluate patterns in precipitation and lake levels with respect to future conditions through water balance analysis and groundwater flow modeling.
  - d. Provide a final report to USFS.
2. Groundwater level monitoring: **Budget \$28,000**
  - a. USGS will continue to monitor TA-217 (Bend well) in the Medford Unit, Taylor County; PR-088 in the Park Falls Unit, Price County; and BA-362 and BA-363 in the Washburn Unit, Bayfield County from July 2024 to June 2025.

For context, the below table inserts the above specific tasks with the task expected to be completed during the full lifetime of the project.

Time	Description	Phase
FY 2024 Projects	Measure, report, archive monitoring wells; TA-217, PR-088, and Bayfield Peninsula well(s).	3
	5 <sup>th</sup> year Drummond area seepage lakes investigation water level fluctuations.	3
	3 <sup>rd</sup> year Bend site groundwater baseline study	---*

Estimated Start: In Progress  
 Estimated Completion: June 2025

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FY 2025 Projects	Measure, report, archive monitoring wells; TA-217, PR-088, and Bayfield Peninsula well(s).	3
	Measure, report, archive Yellow River stream gage.	---*
	6 <sup>th</sup> year Drummond area seepage lakes investigation water level fluctuations.	3
	4 <sup>th</sup> year Bend site groundwater baseline study	---*
<b>Previous Projects from Phase 1 and 2</b>		
FY 2023 Projects	Measure, report, archive monitoring wells; TA-217, PR-088 and PR-089, and Bayfield Peninsula well(s).	2
	4 <sup>th</sup> year Drummond area seepage lakes investigation water level fluctuations.	2
	2 <sup>nd</sup> year Bend Site groundwater baseline study.	2
FY 2020 Projects	Bayfield Peninsula hydrogeology field data collection core drilling and cross section as part of WGNHS Pleistocene geologic mapping inventory for Bayfield County.	1
	Drummond area seepage lakes investigation of water level fluctuations. Install piezometers, collect data.	1
	Continue annual funding for US Geological Survey to measure, report, and archive groundwater levels in monitoring wells; TA-217 (Bend well) in the Medford Unit, Taylor County, and nested piezometers PR-088 and PR-089 (deep bedrock well) in the Park Falls Unit, Price County. The water quality/level data will be published on the statewide monitoring level network website.	1
FY 2021 Projects	2 <sup>nd</sup> year Bayfield Peninsula hydrogeology data analysis bore hole(s) and cross section as part of WGNHS Pleistocene geologic mapping inventory for Bayfield County.	1
	2 <sup>nd</sup> year Drummond area seepage lakes investigation water level fluctuations.	1
	Measure, report, archive monitoring wells; TA-217, PR-088 and PR-089.	1
	Begin Bend site groundwater baseline study (April 2021).	2
FY 2022 Projects	Measure, report, archive monitoring wells; Two Bayfield Highlands wells (names TBD), TA-217, PR-088 and PR-089.	2
	3 <sup>rd</sup> year Bayfield Peninsula hydrogeology data collection	2
	3 <sup>rd</sup> year Drummond area seepage lakes investigation water level fluctuations.	2
	1 <sup>st</sup> (full) year Bend Site groundwater baseline study.	2

\*Work transferred to alternate USFS funding source.

**VII. Points of Contact:**

- **Forest Service:** Megan Luick, phone: 715-362-1330, [megan.luick@usda.gov](mailto:megan.luick@usda.gov)
- **Wisconsin DNR:** Bryan Patek, phone: 608-658-0064, [Bryan.Patek@wisconsin.gov](mailto:Bryan.Patek@wisconsin.gov)

Estimated Start: In Progress  
Estimated Completion: June 2025

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- **Wisconsin Geological and Natural History Survey: Grace Graham, phone: 608-263-4125, [grace.graham@wisc.edu](mailto:grace.graham@wisc.edu)**

**Lake Superior Collaborative  
Restoration Coordination**

**APPENDIX C: Statement of Work**

**\*\*\*Update of Contacts from Modification 9\*\*\***

**I. Objectives:**

- Aid the restoration of the Lake Superior Basin and promote cooperation among natural resource organizations

**II. Tasks and Timeline:**

The Forest Service agrees to financially support a portion of the Lake Superior Collaborative (LSC) Coordinator annually, not to exceed \$15,000 per year for 5 years. These efforts should promote the sustainability of the LSC and advance the restoration of the Chequamegon-Nicolet National Forest. This financial support will be evaluated annually within the performance reporting mechanisms in the GNA agreement. Adjustments to this support will be made accordingly.

Annually, the Coordinator completes a work plan report or similar. The work plan report will likely include both direct work plan accomplishments and narrative reports on important areas of work. This annual report will aid the State in documenting the accomplishments of the Coordinator in supporting Forest Service goals, objectives, and guidelines.

Tasks that aid the Forest Service in accomplishing its goals, objectives, and guidelines include but are not limited to:

- Orchestrating the coordination of partners and their roles or expertise in all phases of large interactive collaboration.
- Plan and facilitate the Lake Superior Landscape Restoration Partnership (LSLRP) steering committee meetings at least quarterly and more if appropriate.
- Work with the steering committee to set agendas and facilitate the larger partnership meetings at least bi-annually and more if appropriate.
- Coordinate and provide facilitation, when needed, for the LSLRP resource team meetings and communicate effectively with members to promote collaboration, negotiation, and problem solving. Ensure passing of information and development of the resource teams to the steering committee and larger partnership.
- Continue to work with the LSLRP resource teams to refine the priority areas and priority activities.
- Assist steering committee in developing, enhancing, and refining the LSLRP goals and objectives.
- Maintain and recruit partners as appropriate. Work to expand the capacity of the LSLRP to carry out its goals and objectives.
- Assist in the compilation of the annual consolidated report of accomplishment for the LSLRP.

The tasks and general timeline for this project are as follows:

<b>Timeline</b>	<b>Task Description</b>
About June/July Annually	LSC Coordinator accomplishments from the previous year will be gathered so that a summary can be added to the State's end-of-year performance reporting.



**III. Point of Contacts:**

- Forest Service:
  - Hilary Markin (Partnership Coordinator), 715-482-0115, [hilary.r.markin@usda.gov](mailto:hilary.r.markin@usda.gov)
  - Adam Felts (Special Authorities Program Manager), 715-362-1335, [adam.felts@usda.gov](mailto:adam.felts@usda.gov)
  
- Wisconsin DNR:
  - Wisconsin DNR: Bryan Patek, phone: 608-658-0064, [Bryan.Patek@wisconsin.gov](mailto:Bryan.Patek@wisconsin.gov)
  
- UW-Madison:
  - Brian Kline (Senior Program and Fiscal Administrative Specialist, UW-Madison, Division of Extension), 608-262-1369, [brian.kline@wisc.edu](mailto:brian.kline@wisc.edu)

Agreement No. 15-GN-11091300-109

**Prescription Writing**

**APPENDIX C: Statement of Work**

**\*\*\*Update and Addition to Modification 8\*\*\***

The U.S. Forest Service has identified timber sales for which detailed silvicultural prescriptions are needed either November 15, or December 31, 2023.

Prescriptions will be written using the 2015 Chequamegon-Nicolet Rx Template, incorporating all applicable Forest Plan Standards and Guidelines, as well as any additional requirements set forth in the project-level NEPA document.

The tasks and general timeline for this project are as follows:

Table 1: Summary of *Additional Acres*

District	Timber Sale	Project	Stands	Acres	Data Needed By	Cost Estimate	GNA Agreement
Eagle River-Florence	Daisy Girl	Fourmile	8	550	12/31/2023	<b>\$40,625</b>	Modification #13
Eagle River-Florence	Wilkins	Fourmile	10	402			
Eagle River-Florence	Woodstock	Fourmile	23	308			
Great Divide	Hodag	Black Torch	14	352			
Great Divide	Squatchland	Cheq Red Pine EA	16	416			
Great Divide	Twin Elk	Black Torch	9	224			
Washburn	All Week	Greenwood	8	216			
Washburn	Badger 2 PL	Cheq Red Pine EA	4	116			
Washburn	Baldy South	Greenwood	12	456	11/15/2023		
Washburn	Tudor Pine PL	Cheq Red Pine EA	3	195	12/31/2023		
<b>Totals:</b>		<b>-</b>	<b>107</b>	<b>3235</b>	<b>-</b>	<b>\$40,625</b>	

Table 2 Summary of *Previous Acres within Prescription Writing Project*

District	Timber Sale	Project	Stands	Acres	Data Needed By	Cost Estimate	GNA Agreement
Medford-Park Falls	Hammerhead	Park Falls Hdwds EIS	7	255	6/30/2020	\$48,700	Modification #8
Medford-Park Falls	Spring Creek	Park Falls Hdwds EIS	10	419			

Estimated Start: In Progress  
 Estimated Completion: December 2023

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District	Timber Sale	Project	Stands	Acres	Data Needed By	Cost Estimate	GNA Agreement
Great Divide	Labyrinth	Black Torch EA	7	231			
Great Divide	Lunker	Black Torch EA	22	581			
Great Divide	Midnight Moose	Black Torch EA	18	560			
Washburn	Haugenss Heroes	Cheq Red Pine EA	6	456			
Medford-Park Falls	Gypsy	Park Falls Hdws EIS	4	193	6/30/2021	\$34,420	Modification #9
Medford-Park Falls	North Lynne	Park Falls Hdws EIS	4	187			
Great Divide	Ember	Black Torch EA	9	253			
Great Divide	Moose Junction	Black Torch EA	19	537			
Great Divide	Witch Hunt	Black Torch EA	13	379			
Great Divide	Black Fish	Black Torch EA	15	372	12/31/2022	\$18,000	Modification #11
Great Divide	Brunet Aspen	Black Torch EA	16	260			
Great Divide	Swanson Creek	Black Torch EA	9	272			
Totals:		-	<b>159</b>	<b>4,925</b>	-	\$101,120	

Estimated Start: In Progress  
 Estimated Completion: December 2023

## UW Madison Division of Extension Seasonal Restoration Fieldwork

### Appendix C: Statement of Work

**\*\*\*Update to Mod. 11 Workload and Contacts\*\*\***

- I. **Project Description:** Accomplish additional silviculture, ecology, botany, forestry, wildlife and fisheries health related activities across the Chequamegon-Nicolet National Forest to catalyze achievement of the Land and Resources Management Plan’s desired future conditions through seasonal restoration fieldwork.
- II. **Forest Service Shall:**
  - a. Coordinate with the UW Madison Division of Extension on project activities to support field work and deliverables.
  - b. Track and report all project accomplishments.
- III. **State Shall:**
  - a. Complete the proposed project activities with seasonal restoration fieldwork in support of Silviculture, Ecology and Botany, Forestry, Wildlife and Fisheries Program Areas. See below for specific objectives, tasks and timeline.
- IV. **Goals:**
  - a. Silviculture: Complete timber stand improvement, tree planting, seedling protection, seedling/sapling monitoring, seed collection, compartment stand exam, and forest health related activities.
  - b. Ecology and Botany: Complete non-native invasive species inventory, monitoring, and control activities. Conduct rare plant surveys and protect rare plant populations. Assist in seed collection and habitat restoration activities, enhance native plant and pollinator habitat.
  - c. Forestry: Assist with timber marking, land line boundary marking, and timber sale preparation.
  - d. Wildlife: Complete habitat improvement activities and habitat restoration work including wildlife surveys.
  - e. Fisheries: Complete habitat improvement activities and habitat restoration work.
  - f. Watershed: Conduct watershed improvement activities to improvement overall watershed function.
- V. **Objectives:**
  - a. Silviculture
    - i. Complete 5,000 acres of Timber Stand Improvement including planting, seeding, site preparation for natural regeneration and oak wilt monitoring activities.
  - b. Ecology and Botany:
    - i. Complete 400 acres of non-native invasive species (NNIS) inventory, monitoring and treatment.
  - c. Wildlife:

Good Neighbor Supplemental Project Agreement 1 – Modification 13

- i. Inventory and monitor wildlife species on 200 acres.
- ii. Improve 200 acres of wildlife and native plant habitat.
- d. Fisheries and watershed:
  - i. Improve 100 acres of fisheries habitat.
  - ii. Improve 2 miles of stream habitat.
- e. Watershed:
  - i. Improve 100 acres of watershed.

**Tasks and Timeline:**

The general timeline for this project are as follows:

<b>Timeline</b>	<b>Task Description</b>
December – January	Job description development and job advertisement, outreach and recruitment of seasonal fieldwork interns.
March – April	Suggested time to review applications and hire seasonal staff for the upcoming field season.
May – September	Seasonal field staff placed on the Chequamegon-Nicolet National Forest and assist Forest Service (FS) staff with accomplishing tasks and projects. Coordinator works with FS staff and seasonal employees to coordinate, monitor work and track work accomplishments.
September – November	State and FS staff discuss program accomplishments and make program adjustments for the following year

The table below represents specific tasks expected to be completed during field season.

<b>Location</b>	<b>Program Area</b>	<b>Project Description</b>	<b>Cost Estimate</b>
2019 Blowdown Timber Sales (Lakewood-Laona Ranger District)	Silviculture	Conduct site preparation activities to promote natural regeneration of aspen. Task to be accomplished using brush saws, chainsaws, and hand tools. (Map of locations available upon request.)	\$4,000
Loose Canoe and Starks Timber Sales (Lakewood-Laona Ranger District)	Silviculture	Conduct site preparation activities to promote natural regeneration of hardwoods. Task to be accomplished using brush saws, chainsaws, and hand tools. (Map of locations available upon request.)	\$3,000
Various timber sale Units on the Lakewood-Laona Ranger District	Silviculture	Conduct Stocking Surveys to promote reforestation efforts on the Lakewood-Laona Ranger District of the CNNF. Surveys to be conducted using fixed plot tally. (Map of locations available upon request.)	\$11,000
Far Corner Timber Sale (Lakewood-Laona Ranger District)	Silviculture	Conduct clearing to control understory vegetation in the Far Corner Timber Sale. Task to be accomplished using brush saws, chainsaws and hand tools. (Map of locations available upon request.)	\$3,000

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Location	Program Area	Project Description	Cost Estimate
Southeast portion of Lakewood-Laona Ranger District	Silviculture	Conduct Oak Wilt Monitoring and Control methods at various sites on the southeast portion of the Lakewood-Laona Ranger District to promote Forest health. Task to be accomplished by double girdling of trees and applying herbicide.	\$6,000
Spring Brook (near Mineral Lake on Great Divide Ranger District)	Fisheries	Cut and remove alder along Spring Brook to improve habitat along cold water trout stream. Cutting to be accomplished using brush saws and hand pruners.	\$500
Little Clam Lake (Great Divide Ranger District)	Fisheries	Clean aerator on Little Clam Lake to improve water quality and habitat for aquatic organisms. Cleaning to be accomplished by hand.	\$500
Chippewa Flowage (Great Divide Ranger District)	Ecology & Botany	Conduct aquatic vegetation inventory on Chippewa Flowage through presence/absence surveys for NNIS Eurasian Milfoil by boat using a hand rakes. Data collected will inform need for habitat improvement project in future.	\$5,000
Various locations across CNNF	Ecology & Botany	Removal of NNIS including garlic mustard, at select locations where large amounts of NNIS have been documented. Removal methods to include backpack spraying, hand pulling, and brush saws. (Map of NNIS locations available upon request.)	\$8,000
Various locations on the Eagle River-Florence and Lakewood-Laona Ranger Districts	Watershed & Fisheries	Cut and remove alder as well as create brush bundles to improve habitat along cold water trout streams on the Eagle River-Florence and Lakewood-Laona Ranger districts. Cutting to be accomplished using brush saws and hand pruners.	\$3,500
Various locations on the Eagle River-Florence and Lakewood-Laona Ranger Districts	Fisheries	Conduct fisheries monitoring on selected lakes using netting and electrofishing methods. Data collected will inform need for habitat improvement project in future.	\$3,500
Newman Creek and Elk Creek (Medford-Park Falls Ranger District)	Watershed & Fisheries	Improve cold water trout stream habitat in Newman and Elk creeks as well as the watersheds through the bundling of brush and additional activities to maintain the cold-water stream environment.	\$3,000

Good Neighbor Supplemental Project Agreement 1 – Modification 13

Location	Program Area	Project Description	Cost Estimate
(Medford-Park Falls Ranger District)	Wildlife	Maintain wildlife openings and improve wildlife habitat including coarse woody debris creation at select locations on Forest Service lands in Price and Taylor counties through mastication, tractor mowing and the use of various hand tools. (Map of wildlife opening available upon request)	\$5,000
(Medford-Park Falls Ranger District)	Silviculture	Conduct Timber Stand Improvement activities including the planting of native soft and hard mass trees at wildlife openings. Trees will be planted by hand. (Map of planting locations available by request.)	\$1,000
(Great Divide Ranger District)	Silviculture	Conduct Timber Stand Improvement activities to include mechanical site preparation for natural regeneration at various locations within Ashland, Bayfield and Sawyer counties on the Great Divide Ranger District. Methods include using handsaws and chainsaws. (Maps available upon request).	\$2,000

Good Neighbor Supplemental Project Agreement 1 – Modification 13

Location	Program Area	Project Description	Cost Estimate
Multiple Locations – See Project description for details	Wildlife	Conduct the following wildlife surveys: <ul style="list-style-type: none"> <li>• Complete Acoustic Bat Surveys using established North America Bat Monitoring Protocol and Region 9 Acoustic Mobile Transects on the Lakewood-Laona Ranger, Great Divide, and Washburn Ranger Districts (maps available upon request).</li> <li>• Complete Frog and Toad Surveys using established WI DNR protocols and established routes on the CNNF. Surveys to be conducted on Washburn and Lakewood-Laona Ranger Districts.</li> <li>• Complete Forest Raptor Surveys for Northern Goshawk and Red-Shouldered Hawk within the Peerless Project Area and known raptor territories on the Great Divide and Washburn Ranger Districts per Forest raptor protocol (map available upon request).</li> <li>• Complete Loon Surveys per WI DNR protocol at established locations on the Great Divide Ranger District (map available upon request).</li> <li>• Complete Kirtland Warbler Surveys in suitable Jack Pine stands identified on the Washburn Ranger District per Forest protocol (map and protocol available upon request).</li> <li>• Complete Red Shouldered Hawk Surveys within the North Branch Project Area on the Eagle River-Florence Ranger District per Forest raptor protocol (map available upon request).</li> </ul>	\$16,000

**III. Point of Contacts:**

- Forest Service:
  - Hilary Markin (Forest Partnership Coordinator), 715-482-0115, [hilary.r.markin@usda.gov](mailto:hilary.r.markin@usda.gov)
  - Adam Felts (Special Authorities Program Manager), 715-362-1335, [adam.felts@usda.gov](mailto:adam.felts@usda.gov)
  
- Wisconsin DNR:

Estimated Start: In Progress  
 Estimated Completion: December 2024



Good Neighbor Supplemental Project Agreement 1 – Modification 13

- Bryan Patek, 608-658-0064, [Bryan.Patek@Wisconsin.gov](mailto:Bryan.Patek@Wisconsin.gov)
- UW-Madison:
  - Tricia Gorby (UW-Madison, Division of Extension, Natural Resources Institute Director), [tricia.gorby@wisc.edu](mailto:tricia.gorby@wisc.edu)
  - University of Wisconsin-Madison Research and Sponsored Programs, 21 N. Park Street, Suite 6401, Madison, WI 53715; [contracts@rsp.wisc.edu](mailto:contracts@rsp.wisc.edu), 608-262-3822

**IV. Maps/Diagrams:**

Provided upon request.

## Wetland Mapping

### Appendix C: Statement of Work 2023

**\*\*\*Update to Modification 10\*\*\***

Having 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. Map wetlands and streams in accordance with the latest WWI Map Production SOP at the rate of approximately 20 watersheds per year.
2. Conduct two field review trips (fall and spring)

#### II. Tasks and Timeline:

Year	Task Description	Cost Estimate
2023	Map 15 average sized HUC 12 watershed (about 150,000 acres)	\$114,147.19
2024	Map 15 average sized HUC 12 watershed (about 150,000 acres)	\$115,000
2025	Map 15 average sized HUC 12 watershed (about 150,000 acres)	\$115,000
2026	Map 15 average sized HUC 12 watershed (about 150,000 acres)	\$115,000
2027	Map 15 average sized HUC 12 watershed (about 150,000 acres)	\$115,000

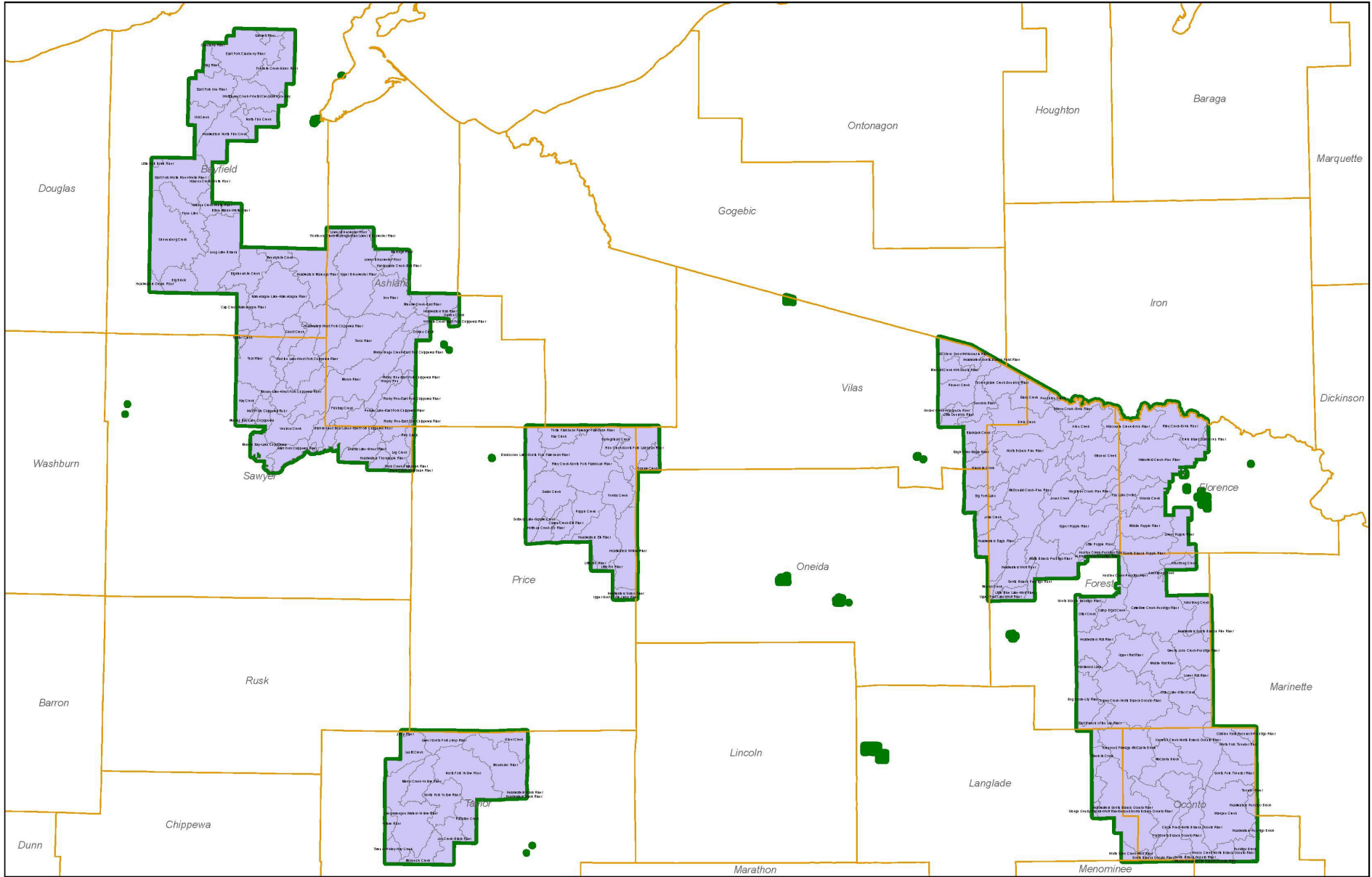
#### III. Point of Contacts:

- Forest Service: Chris Ester 715-362-1304, Christopher.Ester@usda.gov
- Wisconsin DNR (wetland mapper): Opal Jain (608) 720-0385, opal.jain@wisconsin.gov

#### IV. Maps/attachments:

- Next page shows a map of watersheds to be mapped across the entire project timeline.

Good Neighbor Supplemental Project Agreement 1 – Modification 13



Estimated Start: In Progress  
Estimated Completion: June 2027

**CNNF Wildlife Species of Concern Survey Project**

**APPENDIX C: Statement of Work**

**\*\*\*Update to Modification 8\*\*\***

**I. Project Description:**

The Chequamegon-Nicolet National Forest (CNNF) has a long history of collaborating with Wisconsin DNR Bureau of Natural Heritage Conservation to conduct annual American Marten, Bald Eagle/Osprey/Great Blue Heron, and small mammal surveys on National Forest and adjacent lands. In these surveys, the National Forest is trying to better understand presence, absence, and occupation of nest/den sites.

**II. Objectives:**

1. Sustain current and increase survey efforts to improve management of these Sensitive species on the CNNF land base, allowing better effects analysis for Forest Plan accomplishment.
2. Increase the ecological understanding and effectiveness of management efforts by improving wildlife habitat conditions on the Forest at Landscape levels beyond CNNF ownership.

**III. Tasks and Timeline**

<b>Timeline</b>	<b>District</b>	<b>Project Description</b>	<b>Area</b>	<b>Cost Estimate</b>
Annual (July-June)	Eagle River-Florence, and Great Divide	Winter snow tracking for mammals - survey 10 routes annually covering approx. 220 miles of forest service roads within each Marten Protection Area using established protocols	Survey routes include plowed forest service roads throughout both districts covering an area of approximately 340,000 acres.	\$6,000 (annual)
Jan 2024 – Dec. 2025	Eagle River-Florence, and Great Divide	Small mammal survey and assessment of forest management impacts on American marten prey in select forest types	Survey in selected forest stands within district. Study area is approximately 10,000 acres.	\$242,669
July 2024- June 2025	All districts	Bald eagle, osprey, and heron nest occupancy surveys - Survey all known eagle, osprey, and heron nests within CNNF once during nesting season using established DNR protocols	Survey known and reported nests for these bird species found across entire CNNF property area.	\$5,000

**IV. Point of Contacts:**

- Forest Service: Joel Flory, 715-362-1321, [joel.flory@usda.gov](mailto:joel.flory@usda.gov)
- Wisconsin DNR: Rich Staffen, 608-266-4340, [richard.staffen@wisconsin.gov](mailto:richard.staffen@wisconsin.gov)

**V. Maps/Diagrams:** Local districts will provide maps or diagrams if needed.

Attachment: Exhibit B

USFS Agreement No.: 15-GN-11091300-109  
 Cooperator Agreement No.:

Mod. No.: Year 8 (FY23)  
Estimates

**Financial Plan Matrix:** Note: All columns may not be used. Use depends on source and type of contribution(s).

COST ELEMENTS	FS CONTRIBUTIONS		STATE CONTRIBUTIONS + PI		(e) Total
	(a8) Noncash	(b) Cash to State	(c) Noncash	(d8) PI (from FS tbr) Project Costs	
Direct Costs					
Salaries/Labor	\$79,675.00	\$0.00	\$0.00	\$240,000.00	\$319,675.00
Travel	\$0.00	\$0.00	\$0.00	\$25,000.00	\$25,000.00
Other	\$12,405.50	\$0.00	\$0.00	\$1,231,449.00	\$1,243,854.50
Supplies/Materials	\$0.00	\$0.00	\$0.00	\$15,000.00	\$15,000.00
Contracting	\$0.00	\$0.00	\$0.00	\$3,000.00	\$3,000.00
Subtotal	\$92,080.50	\$0.00	\$0.00	\$1,514,449.00	\$1,606,529.50
Coop Indirect Costs		\$0.00	\$0.00	\$0.00	\$0.00
FS Overhead Costs	\$13,812.08				\$13,812.08
Total	\$105,892.58	\$0.00	\$0.00	\$1,514,449.00	\$1,620,341.58
<b>Total Project Value:</b>					\$1,620,341.58

## Revenue Project Cost Analysis, Column Yr8 (d8)

<b>Revenue Carry over</b>		<b>-\$391,625.10</b>
<b>Revenue</b>	<b>Estimates</b>	<b>Actuals</b>
Timber Value Received	\$1,540,000.00	\$0.00
NFF Payment	\$30,800.00	\$0.00
KV Fund Payments	\$0.00	\$0.00
Local Road Aid Payments	\$23,100.00	\$0.00
SUBTOTAL	\$53,900.00	\$0.00
<b>Program Income Earned</b>	<b>\$1,486,100.00</b>	<b>\$0.00</b>

### GNA Timber Expenses

Salaries (FTE & LTE)	\$165,016.50	
Fringe (FTE & LTE)	\$74,983.50	
<b>Total DNR Salaries/Labor</b>	<b>\$240,000.00</b>	
<b>DNR Travel</b>	<b>\$25,000.00</b>	
<b>DNR Supplies &amp; Services</b>	<b>\$15,000.00</b>	
<b>Contracting Expenses</b>	<b>\$3,000.00</b>	
<b>Other</b>	<b>\$35,000.00</b>	

<b>TOTAL COST</b>	<b>\$318,000.00</b>	<b>\$0.00</b>
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### Revenue Projects

Bat Acoustic Data Analysis	\$3,200	
Botanical Surveys	\$37,000	
Coldwater Community Restoration	\$200,000	
Common Stand Exams	\$73,000	
Cooperative Watershed Management	\$240,000	
Geological Resource Inventory	\$238,000	
Hazardous Fuels Reduction	\$25,000	
Lake Superior Collaborative (LSC)	\$15,000	
Prescription Writing (Rx)	\$18,000	
Seasonal Restoration Fieldwork	\$0	
Wetland and Stream Mapping	\$113,748	
Wildlife Opening and Trail Maintenance	\$165,000	
Wildlife Species of Concern	\$68,501	

<b>TOTAL COST</b>	<b>\$1,196,449.00</b>	<b>\$0.00</b>
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<b>Revenue Balance</b>	<b>-\$419,974.10</b>	
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## WORKSHEET FOR

### FS Non-Cash Contribution Cost Analysis, Column (a8)

Use this worksheet to perform the cost analysis that supports the lump sum figures provided in the matrix. NOTE: This worksheet auto populates the relevant and applicable matrix cells.

Cost element sections may be deleted or lines may be hidden, if not applicable. Line items may be added or deleted as needed. The Standard Calculation sections provide a standardized formula for determining a line item's cost, e.g. cost/day x # of days=total, where the total is calculated automatically. The Non-Standard Calculation sections provide a write-in area for line items that require a calculation formula that is other than the standardized formulas, e.g. instead of salaries being calculated by cost/day x # of days, costs may be calculated simply by a contracted value that is not dependent on days worked, such as 1 employee x \$1,200/contract= \$1,200. Be sure to review your calculations when entering in a Non-Standard Calculation, and provide a brief explanation of units used to make calculation, e.g. '1 month contract,' on a line below the figures.

Salaries/Labor				
Standard Calculation				
Job Description		Cost/Day	# of Days	Total
Forest Silviculturist (Overhead/Accomplish		\$416.00	5.00	\$2,080.00
District Silviculturist (Rx Review)		\$335.00	35.00	\$11,725.00
District TMA (Contract Review/Outyear Pla		\$335.00	25.00	\$8,375.00
Program Database Inputs (Accomplishmen		\$280.00	35.00	\$9,800.00
Appraisal/Billing/Harvest Reporting		\$280.00	15.00	\$4,200.00
Quality Control/Monitoring		\$1,600.00	3.00	\$4,800.00
Quality Control Walkthroughs		\$280.00	5.00	\$1,400.00
Program Management Resource work		\$416.00	30.00	\$12,480.00
Program Management Agreements		\$375.00	20.00	\$7,500.00
Data/File Sharing and Preparation		\$280.00	8.00	\$2,240.00
Implementation Resource Review/Outyear		\$335.00	35.00	\$11,725.00
Assessment/Identification of Project Area		\$335.00	10.00	\$3,350.00
		\$0.00		\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00

<b>Non-Standard Calculation</b>
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<b>Total Salaries/Labor</b>	<b>\$79,675.00</b>
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Travel				
Standard Calculation				
Travel Expense	Employees	Cost/Trip	# of Trips	Total
				\$0.00
				\$0.00
				\$0.00
				\$0.00
				\$0.00

<b>Non-Standard Calculation</b>
---------------------------------

Total Travel

\$0.00

**Equipment**

**Standard Calculation**

Piece of Equipment	# of Units	Cost/Day	# of Days	Total
Fleet	5.00	\$28.85	86.00	\$12,405.50
				\$0.00
				\$0.00
				\$0.00

**Non-Standard Calculation**

Total Equipment

\$12,405.50

**Supplies/Materials**

**Standard Calculation**

Supplies/Materials	# of Items	Cost/Item	Total
			\$0.00
			\$0.00
			\$0.00
			\$0.00

**Non-Standard Calculation**

Total Supplies/Materials

\$0.00

**Other**

**Standard Calculation**

Item	# of Units	Cost/Unit	Total
			\$0.00

**Non-Standard Calculation**

Total Printing

\$0.00

**Contracting**

**Standard Calculation**

Item	# of Units	Cost/Unit	Total
			\$0.00
			\$0.00
			\$0.00
			\$0.00

**Non-Standard Calculation**

Total Other

\$0.00

**Subtotal Direct Costs \$92,080.50**



**Forest Service Overhead Costs**

Current Overhead Rate	Subtotal Direct Costs		Total
15.00%	\$92,080.50		\$13,812.08
<b>Total FS Overhead Costs</b>			<b>\$13,812.08</b>

<b>TOTAL COST</b>	<b>\$105,892.58</b>
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Project	FY23*	FY24*	FY25*	FY26*	FY27*
	A1 Year 8**	A1 Year 9**	A1 Year 10**		
Bat Acoustic Data Analysis	\$3,200	\$3,200	\$3,200	\$3,200	\$3,200
Botanical Surveys	\$37,000	\$59,000	\$41,000		
Coldwater Community Restoration	\$200,000	\$200,000	\$200,000	\$200,000	\$200,000
Common Stand Exams	\$73,000	\$90,000	\$90,000	\$90,000	\$90,000
Cooperative Watershed Management (RSX)	\$240,000	\$100,000	\$100,000	\$100,000	\$100,000
Geological Resource Inventory	\$238,000	\$95,562	\$88,704		
Hazardous Fuels Reduction	\$25,000	\$25,000			
Lake Superior Collaborative (LSC)	\$15,000	\$15,000	\$15,000	\$15,000	
Prescription Writing (Rx)	\$18,000	\$40,000	\$40,000	\$40,000	\$40,000
Seasonal Restoration Fieldwork	\$0	\$75,000	\$75,000	\$75,000	\$75,000
Wetland and Stream Mapping	\$113,748	\$115,000	\$115,000	\$115,000	
Wildlife Opening and Trail Maintenance	\$165,000	\$0	\$165,000	\$165,000	\$165,000
Wildlife Species of Concern	\$68,501	\$81,501	\$24,000	\$24,000	\$24,000
<b>Total</b>	<b>\$1,196,449</b>	<b>\$899,263</b>	<b>\$956,904</b>	<b>\$827,200</b>	<b>\$697,200</b>

**5 Year Total** **\$4,577,016**

\*DNR Fiscal year runs from July 1 - June 30

\*\*Agreement 1 started in FY16