



United States
Department of
Agriculture

Forest
Service

Lake States Acquisition Team

500 Hanson Lake Road
Rhineland, WI 54501
715-362-1388 – phone
715-369-8863 - fax

April 17, 2018

Rebecca Diebel
Wisconsin Dnr
PO Box 7921
Madison, WI 53707-7921

RE: Agreement Number 15-GN-11091300-109
Good Neighbor Supplemental Project Agreement – Modification 006

Enclosed is a fully executed original of the document referenced above for your files.

Karl Welch is your principal contact for this grant/agreement; if you have questions or concerns, they can be reached at 715-362-1329.

We look forward to a successful partnership!

TINA SMITH
Grants & Agreements
Chequamegon-Nicolet & Hiawatha National Forests
Lake States Acquisition Team

Enclosure

cc: Karl Welch
Victoria Hahka





MODIFICATION OF GRANT OR AGREEMENT

PAGE	OF PAGES
1	1

1. U.S. FOREST SERVICE GRANT/AGREEMENT NUMBER: 15-GN-11091300-109	2. RECIPIENT/COOPERATOR GRANT or AGREEMENT NUMBER, IF ANY:	3. MODIFICATION NUMBER: 006
4. NAME/ADDRESS OF U.S. FOREST SERVICE UNIT ADMINISTERING GRANT/AGREEMENT (unit name, street, city, state, and zip + 4): Tina Smith, Lake States Acquisition Team, 500 Hanson Lake Road, Rhinelander, WI 54501	5. NAME/ADDRESS OF U.S. FOREST SERVICE UNIT ADMINISTERING PROJECT/ACTIVITY (unit name, street, city, state, and zip + 4): Karl Welch, Chequamegon-Nicolet National Forest, 500 Hanson Lake Road, Rhinelander, WI 54501	
6. NAME/ADDRESS OF RECIPIENT/COOPERATOR (street, city, state, and zip + 4, county): Rebecca Diebel Wisconsin Department of Natural Resources P.O. Box 7921 Madison, WI 53707	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 checked="" type="checkbox"/>	CHANGE IN FUNDING: Year 3 Estimated Costs
<input checked="" type="checkbox"/>	ADMINISTRATIVE CHANGES: Updated Principal Contacts
<input checked="" type="checkbox"/>	OTHER (Specify type of modification): Appendix C Maps, Stands & Reforestation Activities

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):
Update Financial and Performance reporting periods from 30 days to 90 days

10. ATTACHED DOCUMENTATION (Check all that apply):

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

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. W.D.M.R. SIGNATURE 	11.B. DATE SIGNED 4/11/2018	11.C. U.S. FOREST SERVICE SIGNATURE 	11.D. DATE SIGNED 4/17/18
(Signature of Signatory Official)		(Signature of Signatory Official)	
11.E. NAME (type or print): FRED SOUBA		11.F. NAME (type or print): PAUL I.V. STRONG	
11.G. TITLE (type or print): Chief State Forester		11.H. TITLE (type or print): Forest Supervisor	

12. G&A REVIEW

12.A. The authority and format of this modification have been reviewed and approved for signature by: TINA SMITH U.S. Forest Service Grants & Agreements Specialist	12.B. DATE SIGNED 3/26/18
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Agreement No: 15-GN-11091300-109

Modification No: 006

III. CONTACTS & TIME LIMITS:

- A. PRINCIPAL CONTACTS Individuals listed below are authorized to act in their respective areas for matters related to this agreement.

Principal State Contacts:

<u>State Program Contact</u>	<u>State Administrative Contact</u>
Name: Rebecca Diebel, Policy Advisor Address: P.O. Box 7921 City, State, Zip: Madison, WI 53707 Telephone: 608-266-9261 FAX: 608-266-8576 Email: Rebecca.diebel@wi.gov	Name: Jeff Stagg, Budget and Policy Analyst, Forestry Address: P.O. Box 7921 City, State, Zip: Madison, WI 53707 Telephone: 608-266-9261 FAX: 608-266-8576 Email: Jeffrey.stagg@wi.gov
Name: Jeff Olsen, National Forest Specialist Address: 107 Sutliff Ave. City, State, Zip: Rhinelander, WI 54501 Telephone: 715-365-8982 Email: Jeffrey.olsen@wi.gov	

Principal U.S. Forest Service Contacts:

<u>U.S. Forest Service Project Contact Timber Program Manager (Statewide)</u>	<u>U.S. Forest Service Project Contact Timber Staff Officer (Statewide)</u>
Karl Welch, timber Sale Contracting Officer 500 Hanson Lake Road Rhinelander, WI 54501 Telephone: 715-362-1329 FAX: 715-369-8859 Email: kwelch@fs.fed.us	Karl Welch, timber Sale Contracting Officer 500 Hanson Lake Road Rhinelander, WI 54501 Telephone: 715-362-1329 FAX: 715-369-8859 Email: kwelch@fs.fed.us

III. State agency and Forest Service technical contacts

Principal State Project Contacts:

<u>Wisconsin DNR GNA Operations Leader (Statewide)</u>	<u>State Project Contact Lakewood-Laona District Area</u>
Name: Jeff Olsen, National Forest Specialist Address: 107 Sutliff Ave. City, State, Zip: Rhinelander, WI 54501 Telephone: 715-365-8982 Email: Jeffrey.olsen@wi.gov	Name: Temporarily Vacant 15085 State Hwy 32 Lakewood, WI 54138 Telephone: Email:

State Project Contact Great Divide & Washburn District Area	State Project Contact Eagle River-Florence & Medford-Park Falls District Area
Pete Wisdom 10220 State Hwy 27 South Hayward, WI 54843 Telephone: 715-634-7425 FAX: 715-634-9232 Email: peter.wisdom@wi.gov	Tim Friedrich 8831 Hatchery Road Woodruff, WI 54568 Telephone: 715-356-5211 ext. 217 Email: timothyj.friedrich@wi.gov
State Project Contact Medford-Park Falls District Area	State Project Contact Eagle River-Florence District Area
Maggie Lorenz 875 S. 4 th Ave. Park Falls, WI 54522 Telephone: 715-762-1435 Cell: 715-492-1970 Email: Margaret.lorenz@wi.gov	Hillary Keller 404 N. Lake Street Crandon, WI 54520 Telephone: 715-479-3010 Email: Hillary.keller@wi.gov

Principal U.S. Forest Service Project Contacts:

U.S. Forest Service Project Contact Timber Program Manager (Statewide)	U.S. Forest Service Project Contact Timber Staff Officer (Statewide)
Karl Welch, timber Sale Contracting Officer 500 Hanson Lake Road Rhineland, WI 54501 Telephone: 715-362-1329 FAX: 715-369-8859 Email: kwelch@fs.fed.us	Karl Welch, timber Sale Contracting Officer 500 Hanson Lake Road Rhineland, WI 54501 Telephone: 715-362-1329 FAX: 715-369-8859 Email: kwelch@fs.fed.us
U.S. Forest Service Project Contact Park Falls-Medford District Area	U.S. Forest Service Project Contact Great Divide District Area
Bob Hennes 1170 4 th Ave. S. Park Falls, WI 54552 Telephone: 715-762-5107 FAX: 715-762-5179 Email: rhennes@fs.fed.us	Mike Martin P.O. Box 126 Glidden, WI 54527 Telephone: 715-264-2511 FAX: 715-264-3307 Email: mikemartin@fs.fed.us

U.S. Forest Service Project Contact Eagle River-Florence District Area	U.S. Forest Service Project Contact Lakewood-Laona District Area
<p>Chad Kirschbaum 1247 E. Wall Street Eagle River, WI 54521 Telephone: 715-479-2827 Ext. 14 FAX: 715-479-6407 Email: ckirschbaum@fs.fed.us</p>	<p>Temporary District Ranger 15085 State Rd 32 Lakewood, WI 54138 Telephone: 715-276-6333 FAX: 715-276-3594 Email: NA or kwelch@fs.fed.us</p>
U.S. Forest Service Project Contact Washburn District Area	
<p>Temporary District Ranger P.O. Box 578 Washburn, WI 54891 Telephone: 715-373-2878 Email: NA or kwelch@fs.fed.us</p>	

Attachment: Exhibit B

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

Mod. No.: Year 3

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
	(a3) Noncash	(b) Cash to State	(c) Noncash	(d3) PI (from FS tbr) Project Costs	
Direct Costs					
Salaries/Labor	\$97,025.00	\$0.00	\$0.00	\$605,000.00	\$702,025.00
Travel	\$12,405.50	\$0.00	\$0.00	\$15,000.00	\$27,405.50
Equipment	\$0.00	\$0.00	\$0.00	\$0.00	\$0.00
Supplies/Materials	\$0.00	\$0.00	\$0.00	\$31,596.00	\$31,596.00
Contracting	\$0.00	\$0.00	\$0.00	\$84,450.00	\$84,450.00
Subtotal	\$109,430.50	\$0.00	\$0.00	\$736,046.00	\$845,476.50
Coop Indirect Costs		\$0.00	\$0.00	\$0.00	\$0.00
FS Overhead Costs	\$0.00				\$0.00
Total	\$109,430.50	\$0.00	\$0.00	\$736,046.00	\$845,476.50
Total Project Value:					\$845,476.50

Program Income Earned

Estimated	Actual
\$481,250.00	\$0.00

Program Income Balance

-\$1,809,048.95	-\$1,554,252.95
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WORKSHEET FOR

FS Non-Cash Contribution Cost Analysis, Column (a3)

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 (Contract Review/Outyear Planning	\$335.00	35.00		\$11,725.00
Program Database Inputs (Accomplishmer	\$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
Ranger District Field Implementation Supp	\$280.00	25.00		\$7,000.00
Ranger District Staff Support	\$280.00	25.00		\$7,000.00
				\$0.00
Non-Standard Calculation				

Total Salaries/Labor	\$97,025.00
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Travel				
Standard Calculation				
Travel Expense	Employees	Cost/Trip	# of Trips	Total
Fleet	5.00	\$28.85	86.00	\$12,405.50
				\$0.00
				\$0.00
				\$0.00
				\$0.00
Non-Standard Calculation				

Total Travel	\$12,405.50
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Equipment					
Standard Calculation					
Piece of Equipment	# of Units	Cost/Day	# of Days		Total
					\$0.00
					\$0.00

Non-Standard Calculation

Total Equipment **\$0.00**

Supplies/Materials				
Standard Calculation				
Supplies/Materials		# of Items	Cost/Item	Total
				\$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

Non-Standard Calculation

Total Other **\$0.00**

Subtotal Direct Costs	\$109,430.50
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Forest Service Overhead Costs

Current Overhead Rate	Subtotal Direct Costs		Total
	\$109,430.50		\$0.00

Total FS Overhead Costs **\$0.00**

TOTAL COST	\$109,430.50
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Program Income Project Cost Analysis, Column Yr3 (d3)

Program Income Carry over		-\$1,554,252.95
Program Income	Estimates	Actuals
Timber Value Received	\$500,000.00	\$0.00
NFF Payment	\$10,000.00	\$0.00
KV Fund Payments	\$0.00	\$0.00
Local Road Aid Payments	\$8,750.00	\$0.00
SUBTOTAL	\$18,750.00	\$0.00
Proram Income Earned	\$481,250.00	\$0.00

DNR Salaries/Labor		
Salaries (FTE & LTE)	\$405,000.00	\$0.00
Fringe	\$200,000.00	\$0.00
Total DNR Salaries/Labor	\$605,000.00	\$0.00

DNR Travel		
Direct Expenses		
Allocable Expenses		
Total DNR Travel	\$15,000.00	\$0.00

DNR Supplies/Materials		
Direct Expenses		
Allocable Expenses		
Total DNR Supplies/Materials	\$31,596.00	\$0.00

Contracting Expenses		
Total Contracting Expenses	\$84,450.00	\$0.00

Subtotal Direct Costs	\$736,046.00	\$0.00
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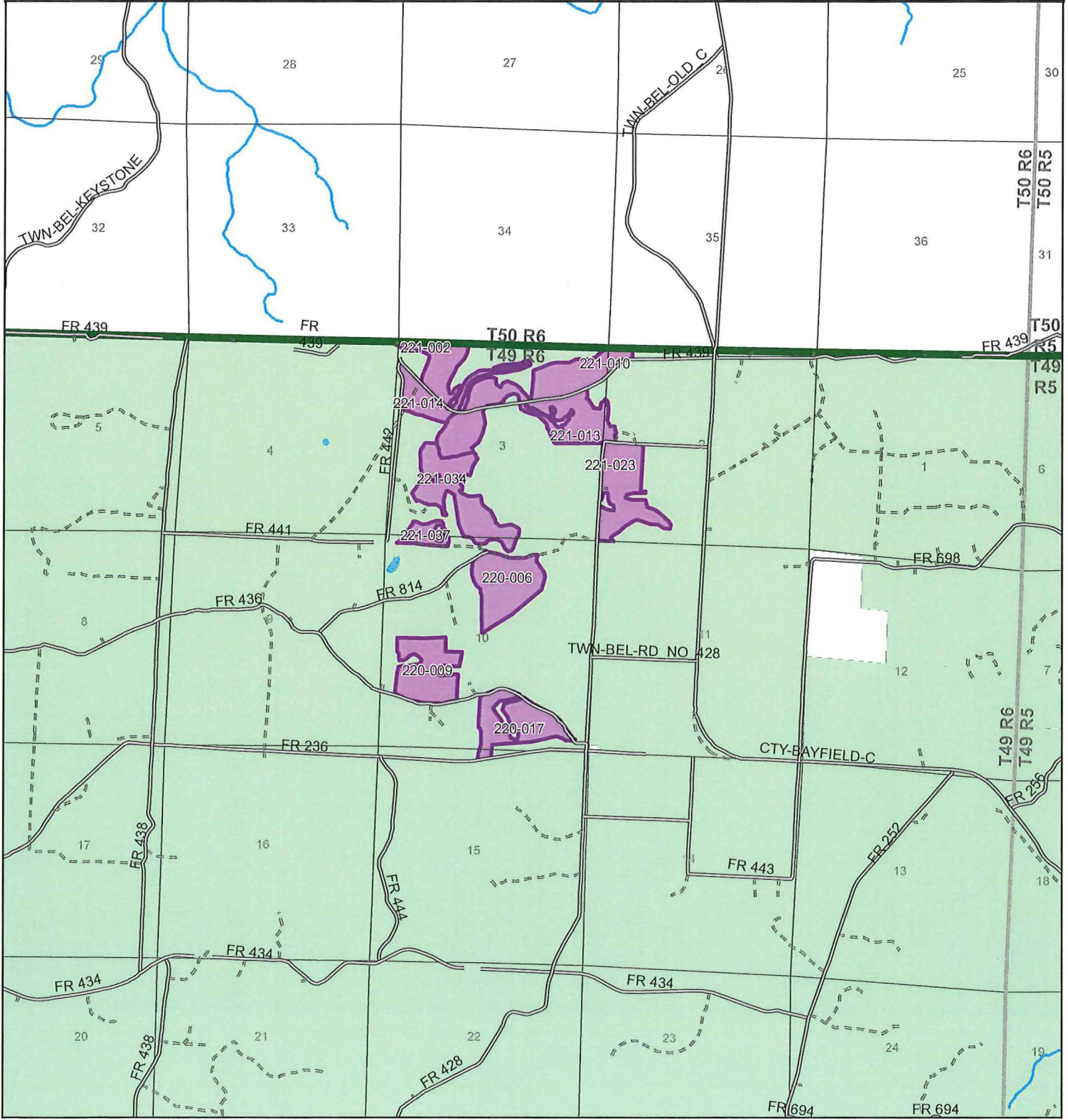
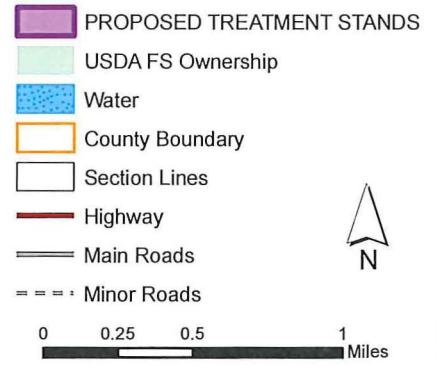
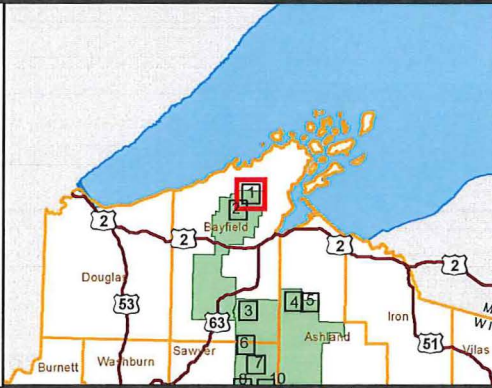
TOTAL COST	\$736,046.00	\$0.00
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Program Income Balance	-\$1,809,048.95	-\$1,554,252.95
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Chequamegon-Nicolet National Forest
Washburn Ranger District

2018
Good Neighbor Authority
Timber Sale Areas
Map 1 of 15

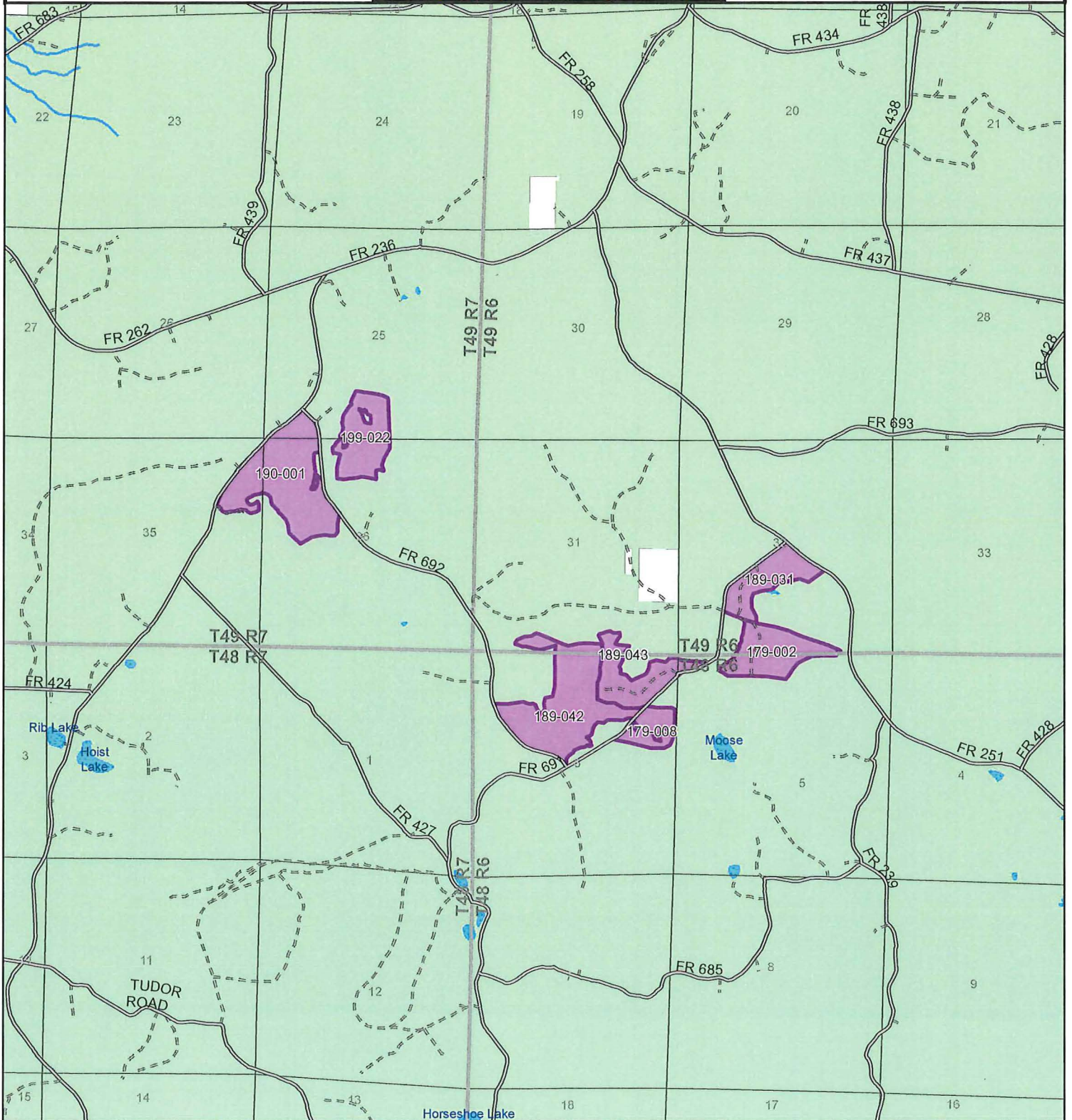
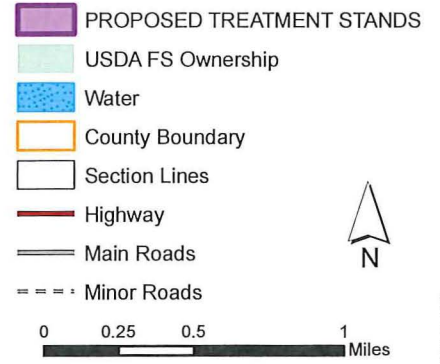
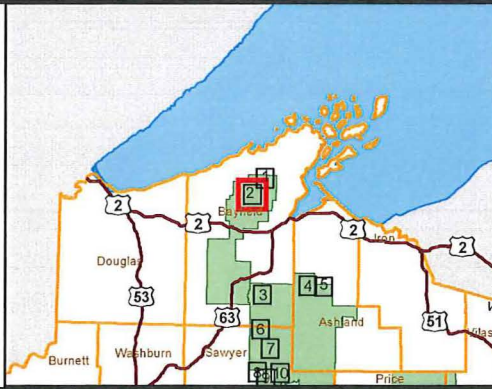


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Chequamegon-Nicolet National Forest
Washburn Ranger District

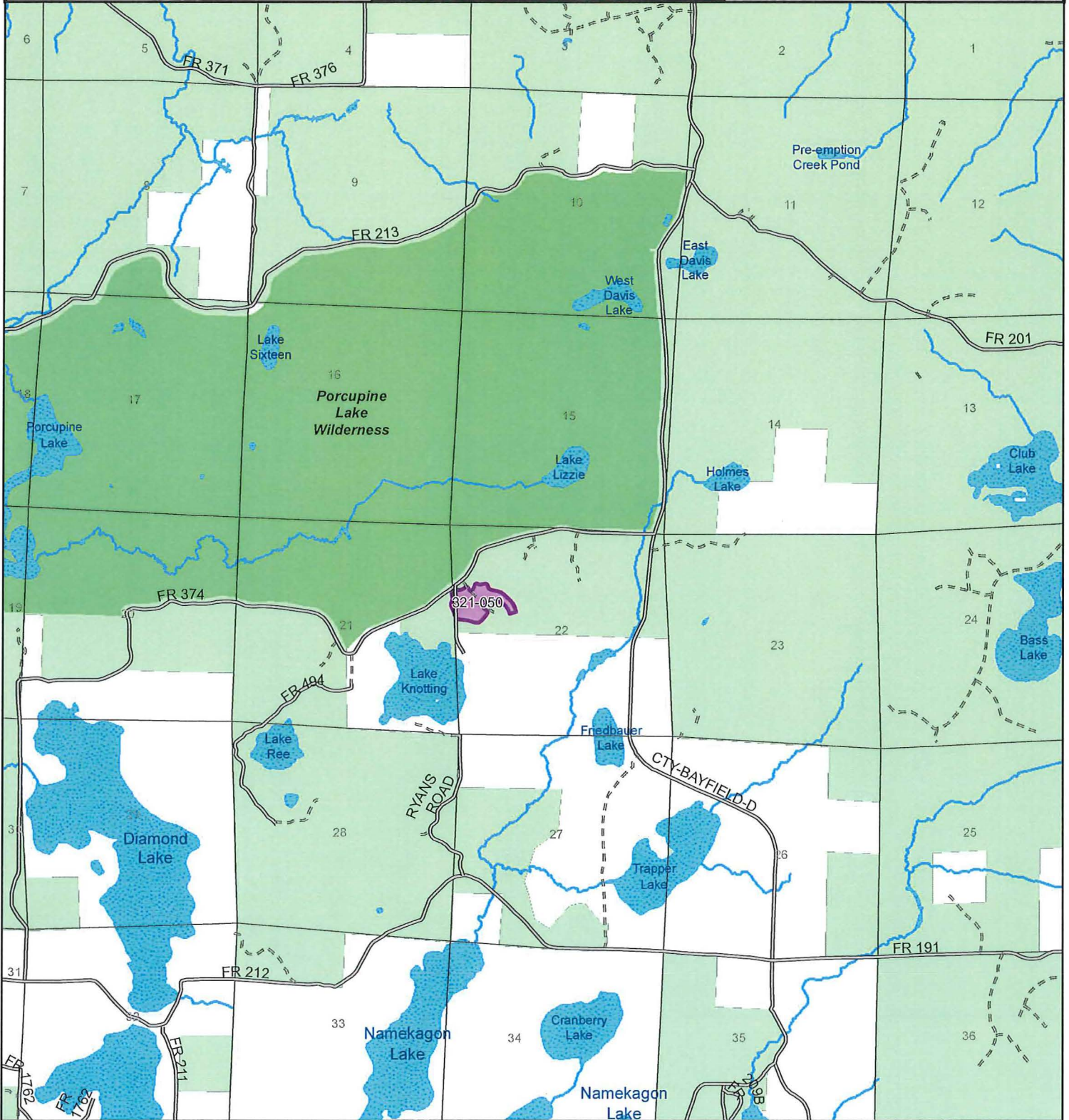
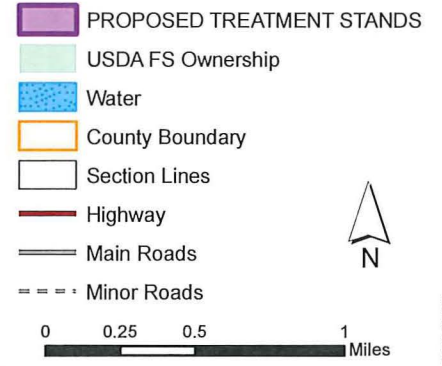
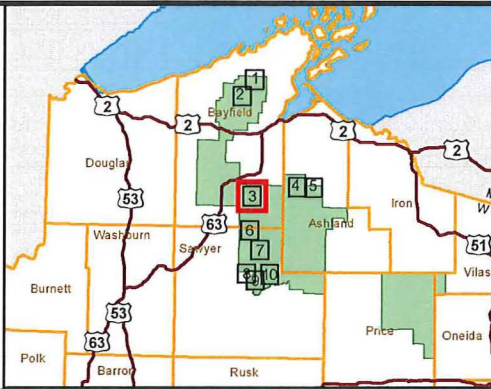
2018
Good Neighbor Authority
Timber Sale Areas
Map 2 of 15



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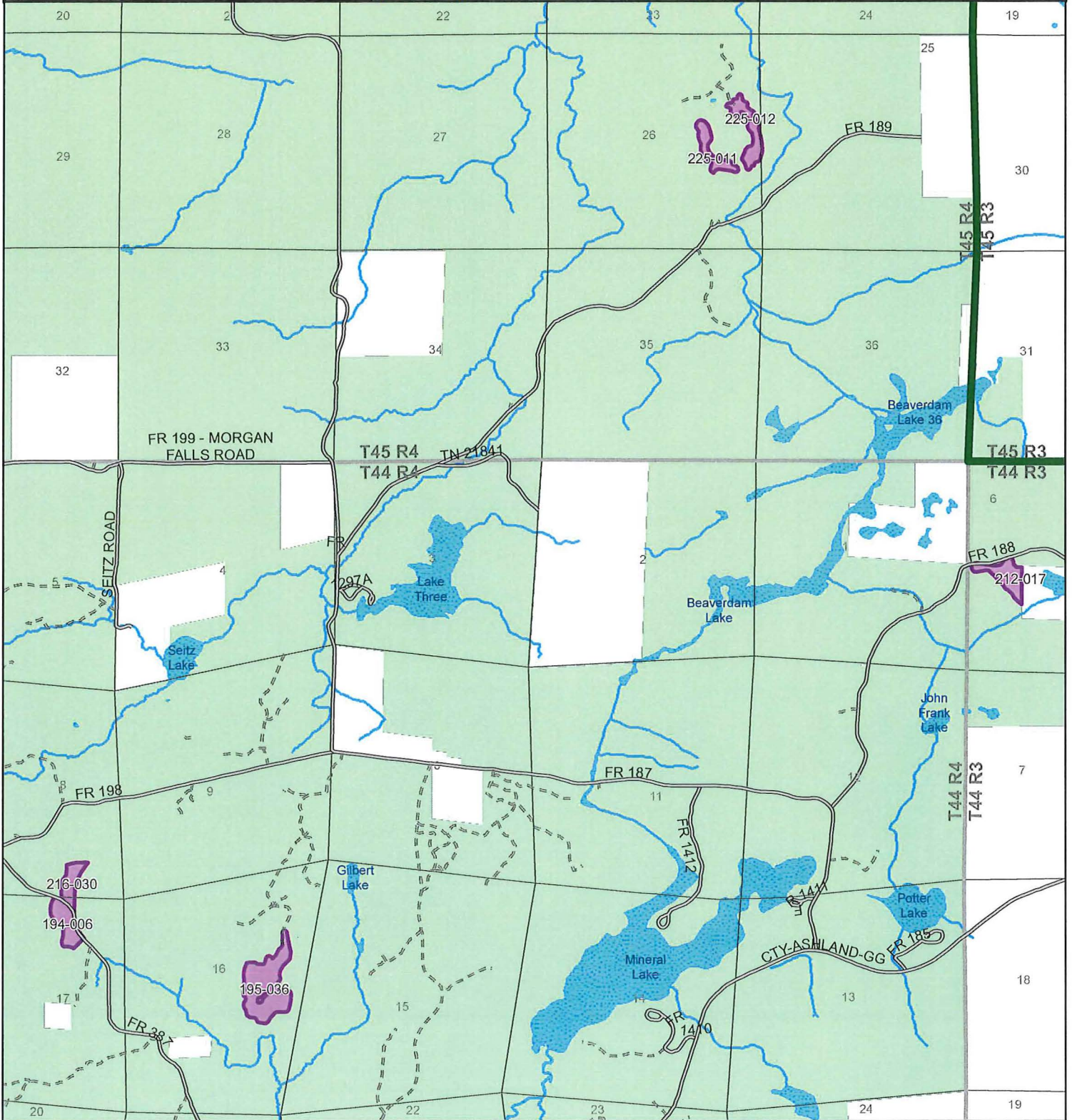
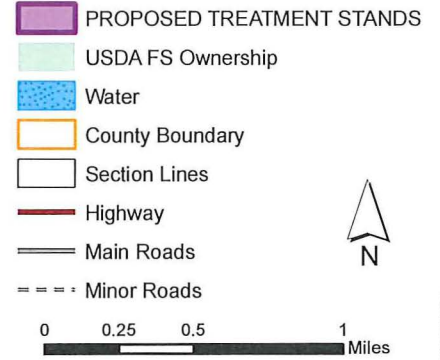
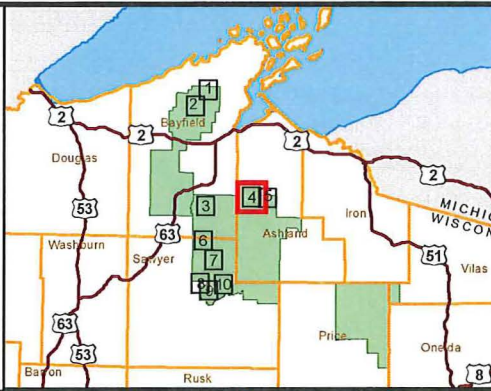
Chequamegon-Nicolet National Forest
 Great Divide Ranger District
 2018
 Good Neighbor Authority
 Timber Sale Areas
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Chequamegon-Nicolet National Forest
 Great Divide Ranger District
 2018
 Good Neighbor Authority
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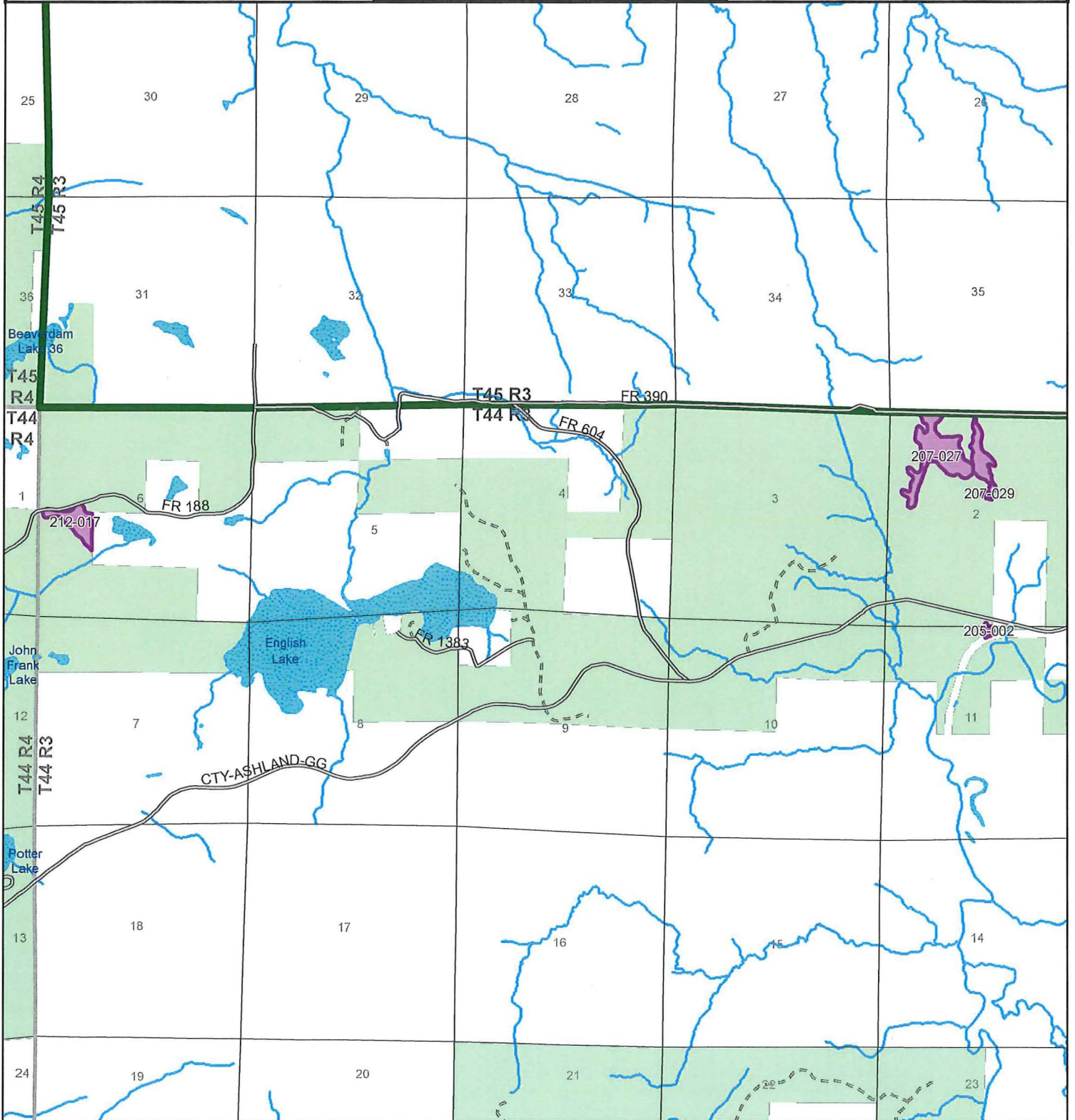
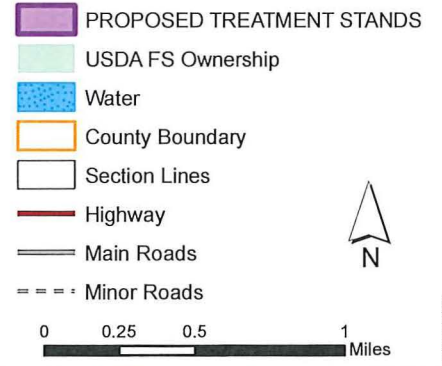
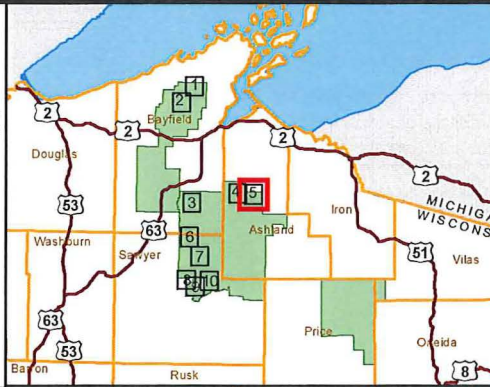
Chequamegon-Nicolet National Forest
Great Divide Ranger District

2018

Good Neighbor Authority

Timber Sale Areas

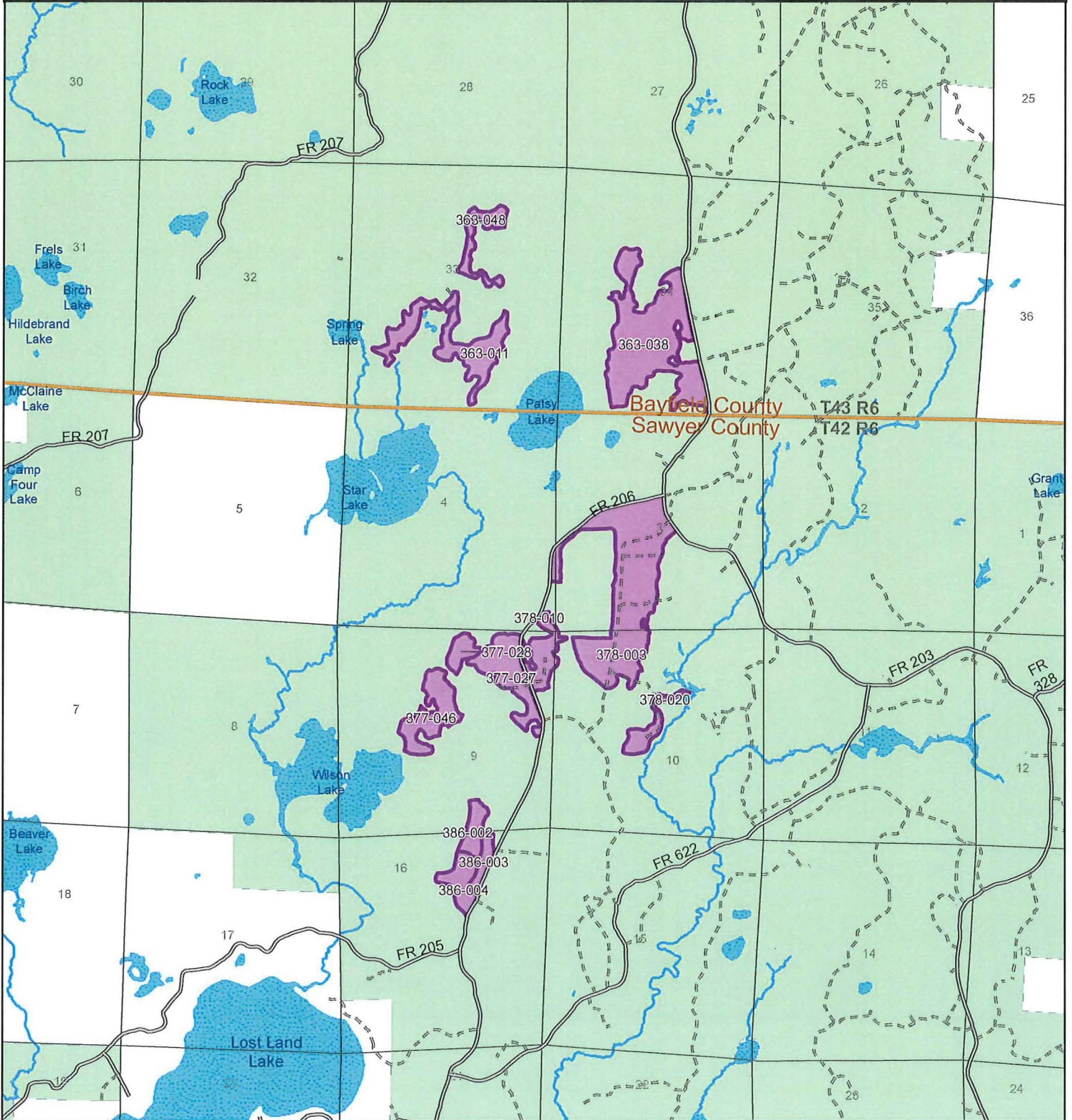
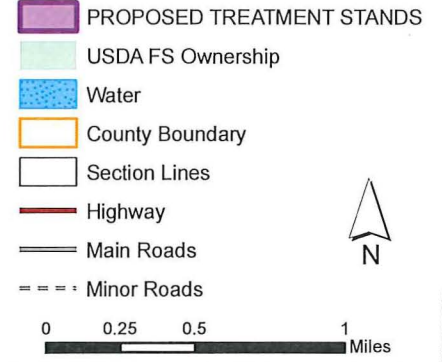
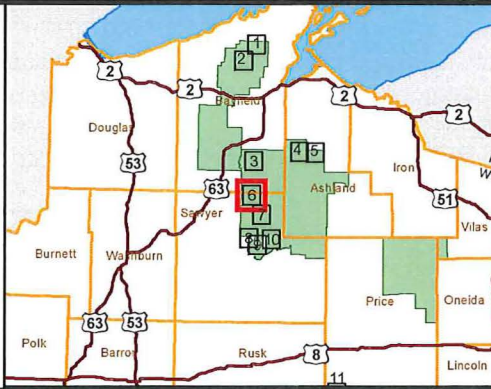
Map 5 of 15



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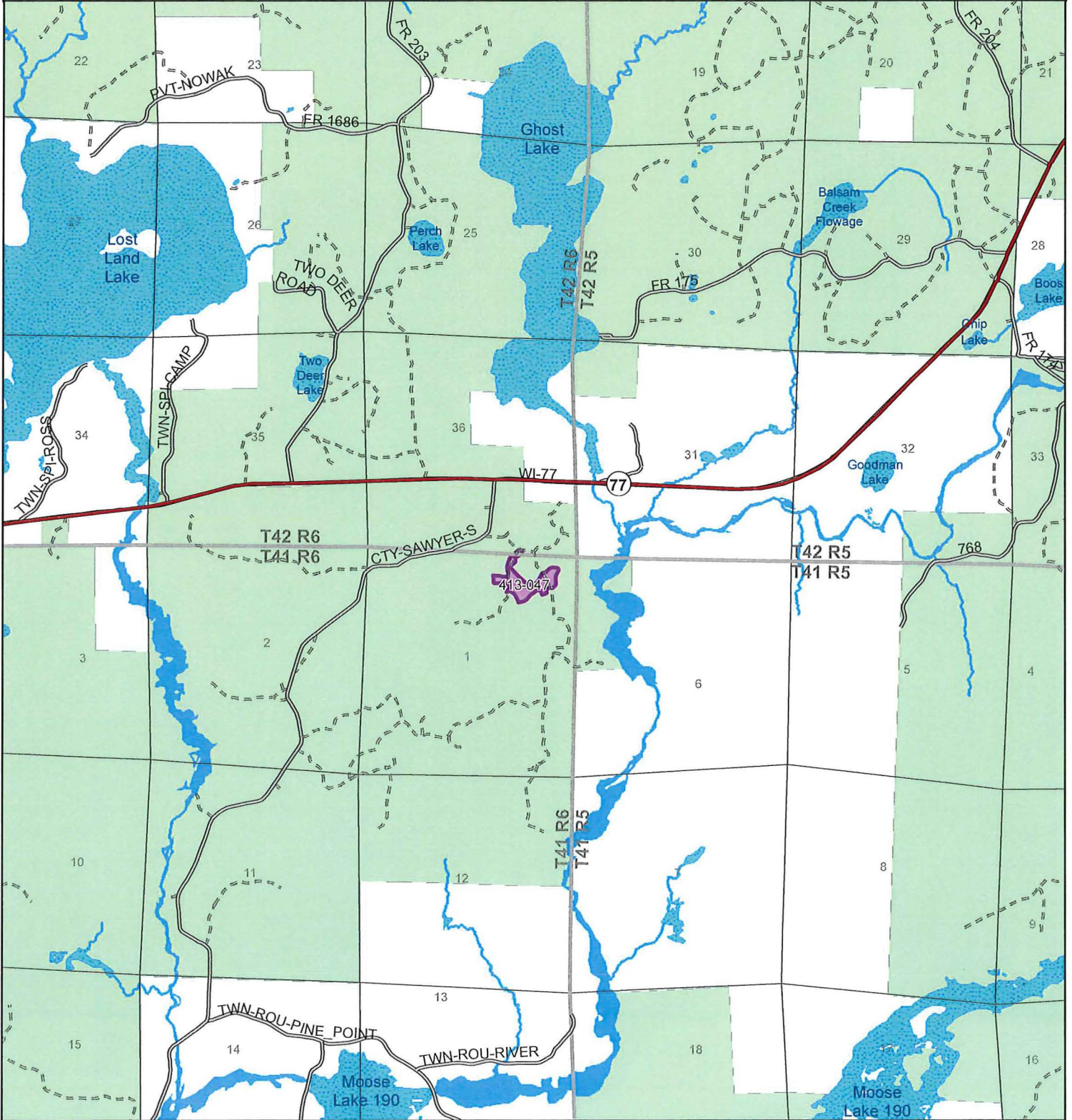
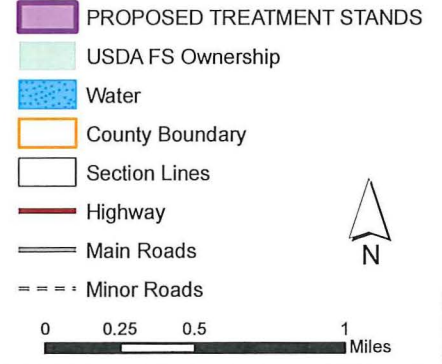
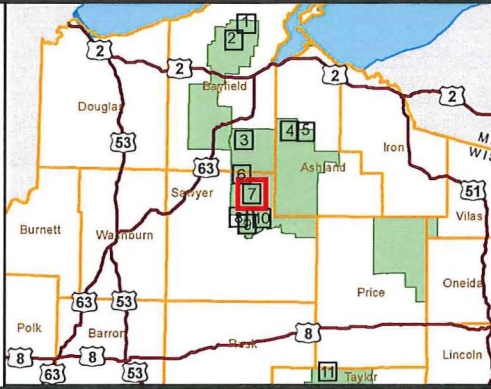
Chequamegon-Nicolet National Forest
 Great Divide Ranger District
 2018
 Good Neighbor Authority
 Timber Sale Areas
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DN/20180222



Chequamegon-Nicolet National Forest
 Great Divide Ranger District
 2018
 Good Neighbor Authority
 Timber Sale Areas
 Map 7 of 15

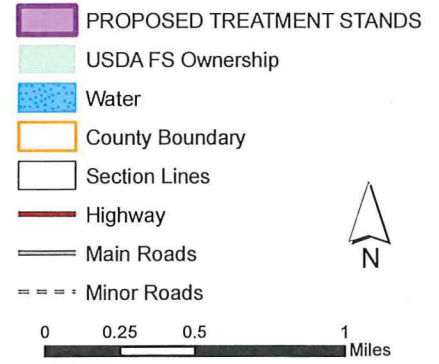
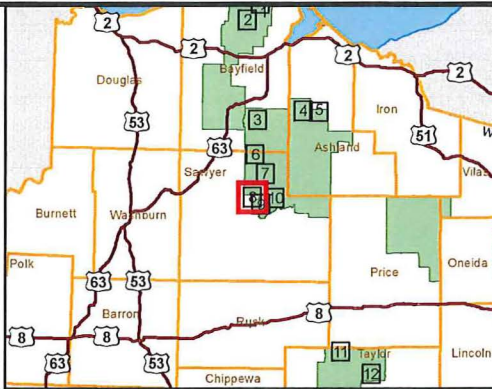


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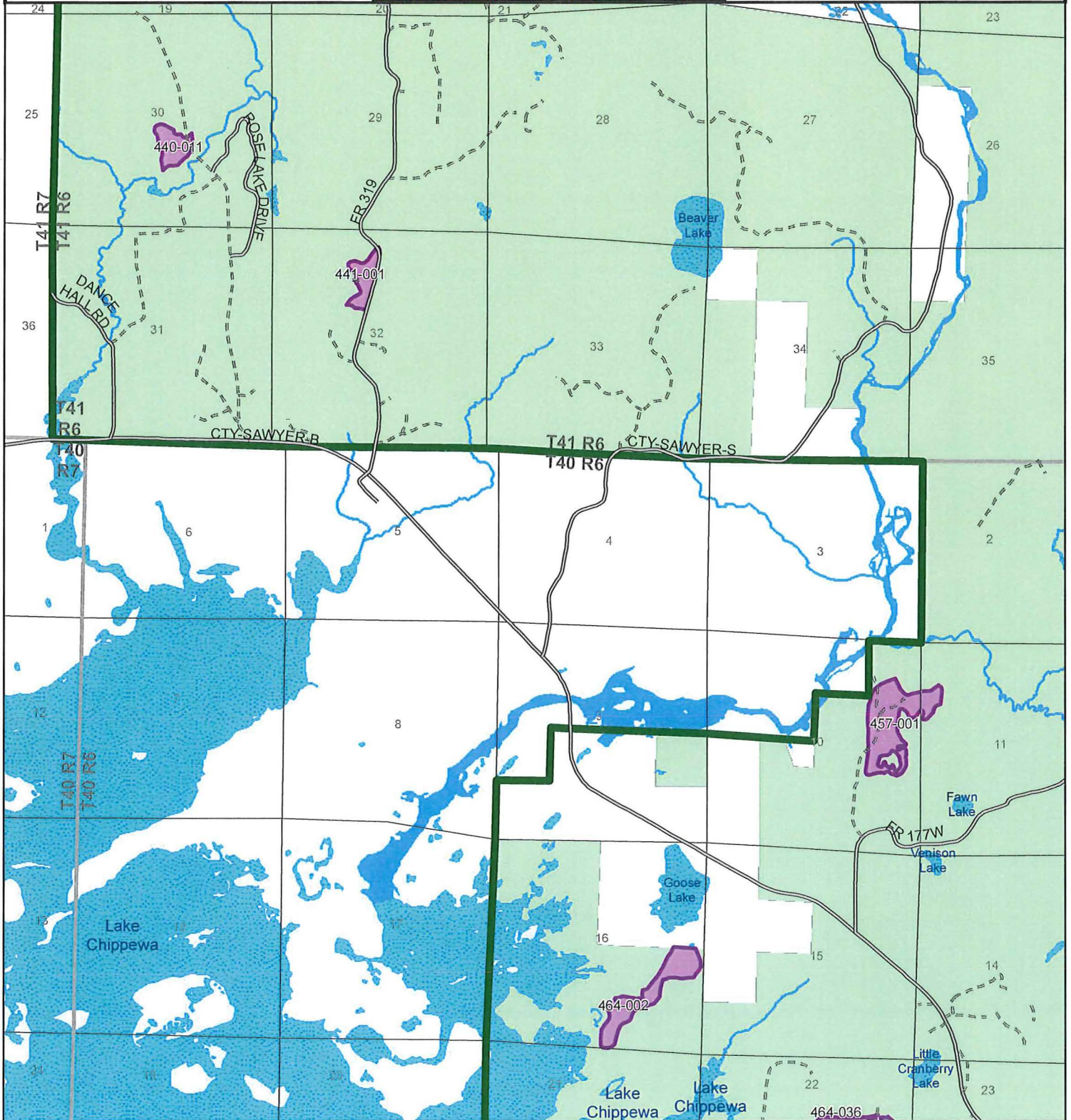


Chequamegon-Nicolet National Forest
Great Divide Ranger District

2018
Good Neighbor Authority
Timber Sale Areas
Map 8 of 15



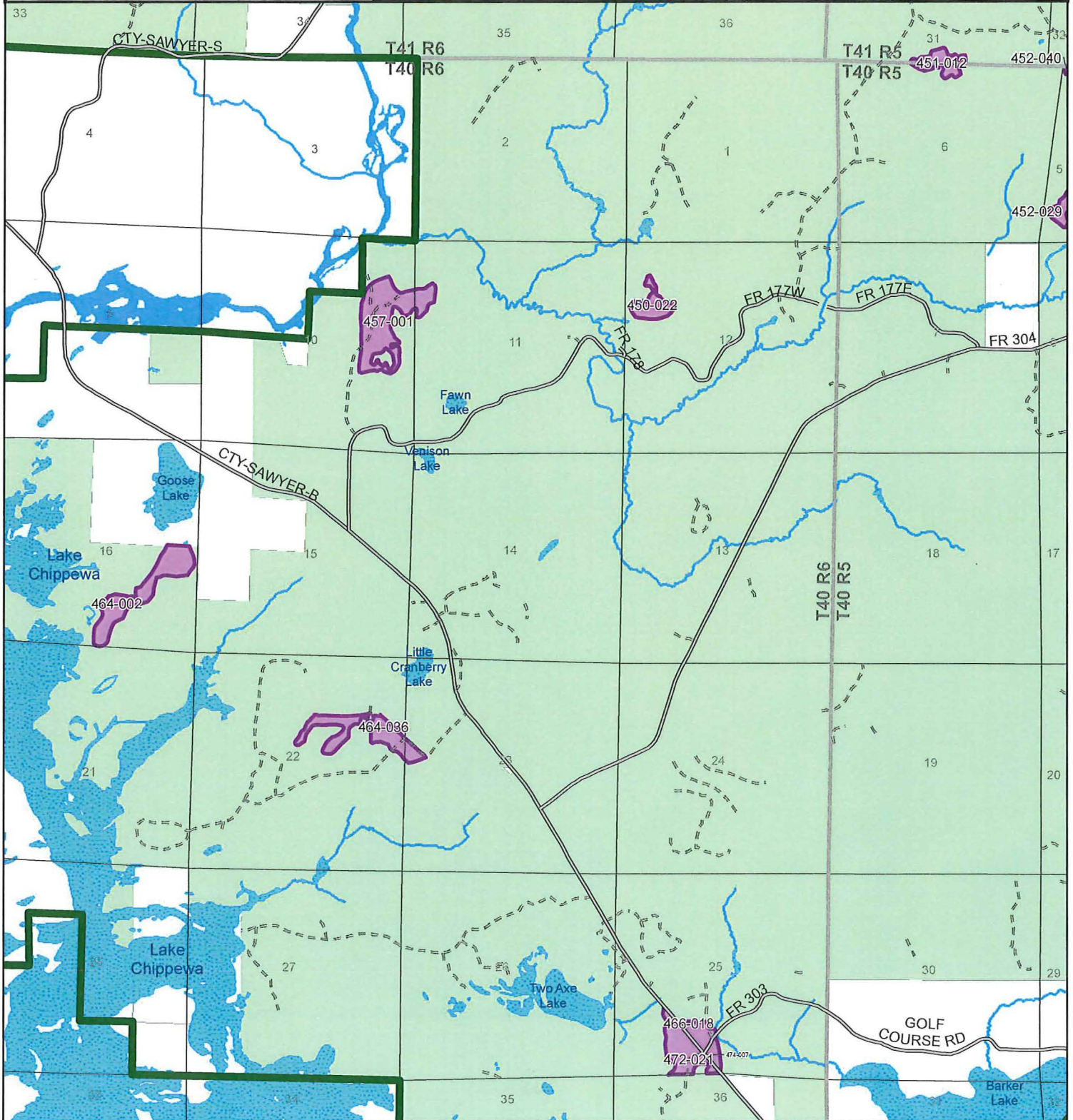
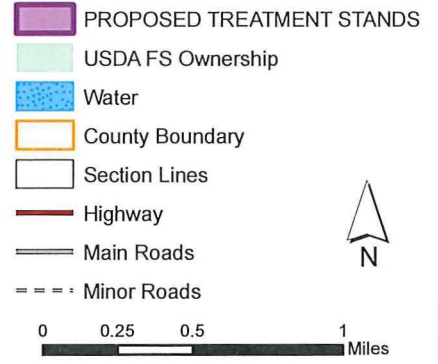
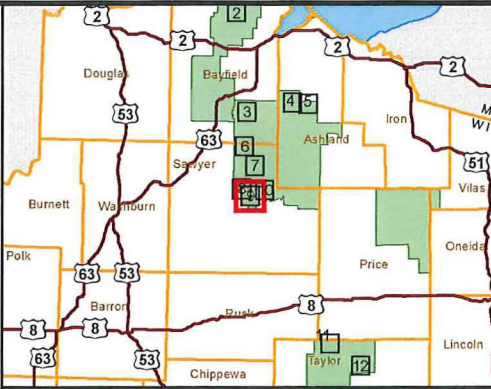
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Chequamegon-Nicolet National Forest
Great Divide Ranger District

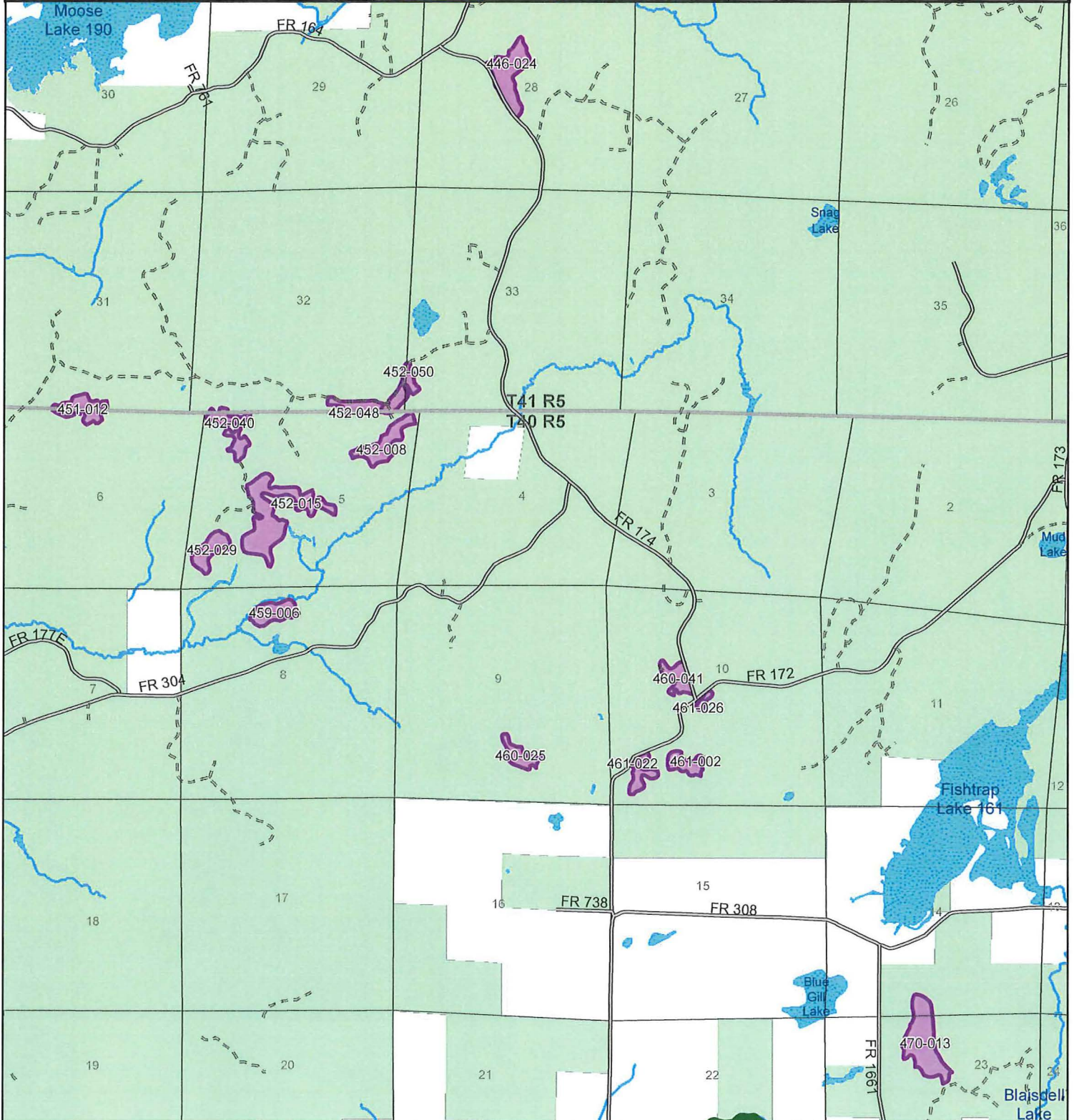
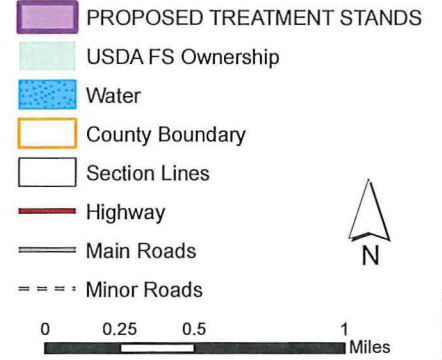
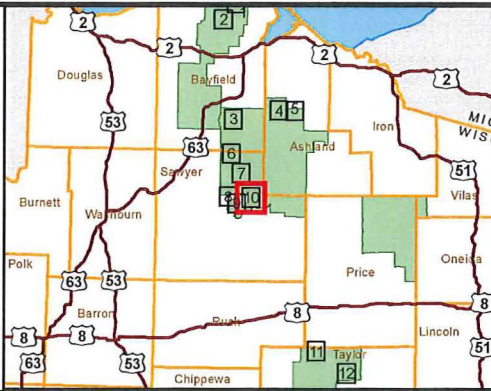
2018
Good Neighbor Authority
Timber Sale Areas
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Chequamegon-Nicolet National Forest
 Great Divide Ranger District
 2018
 Good Neighbor Authority
 Timber Sale Areas
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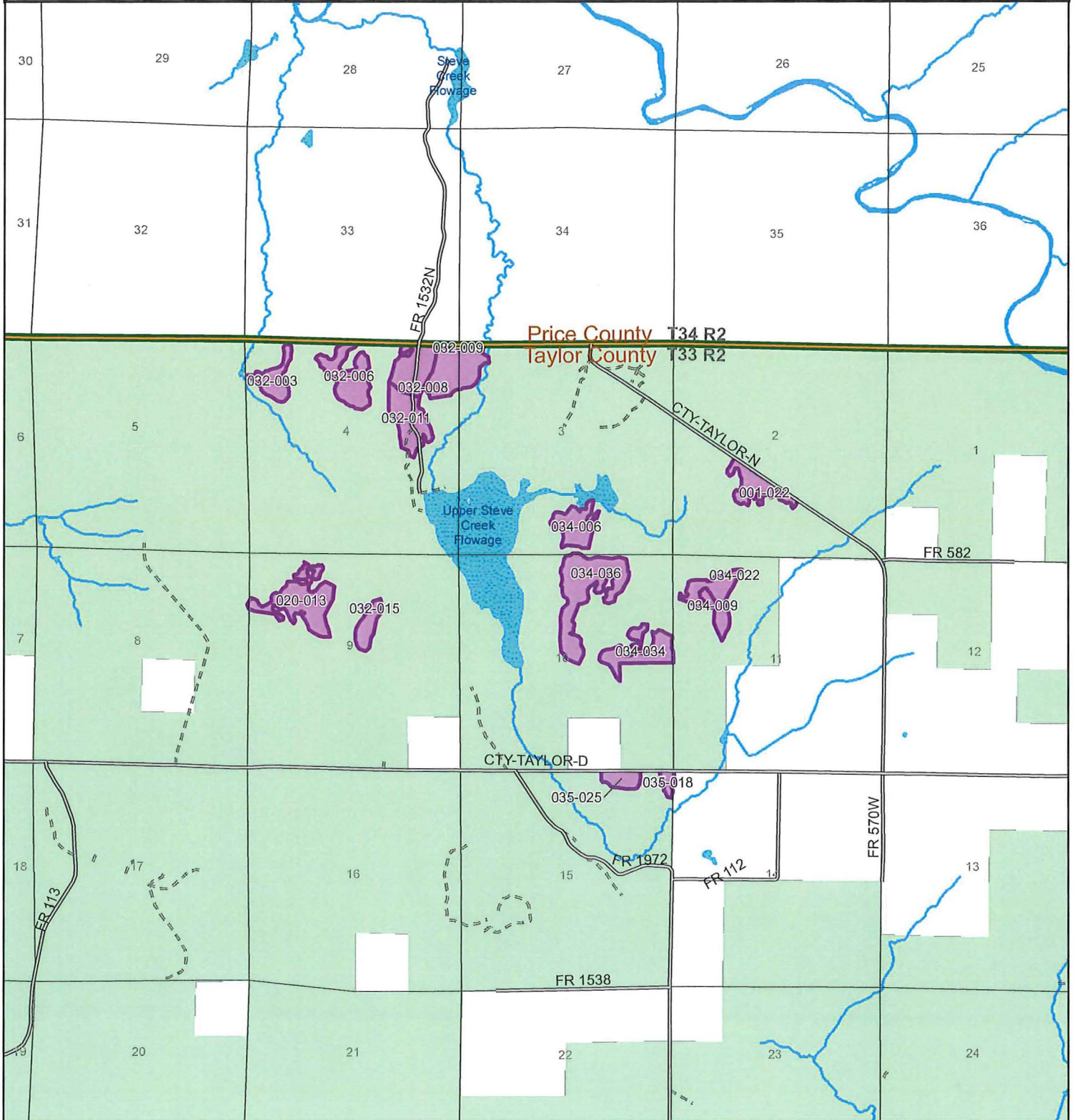
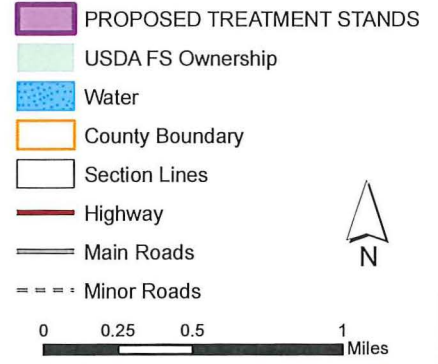
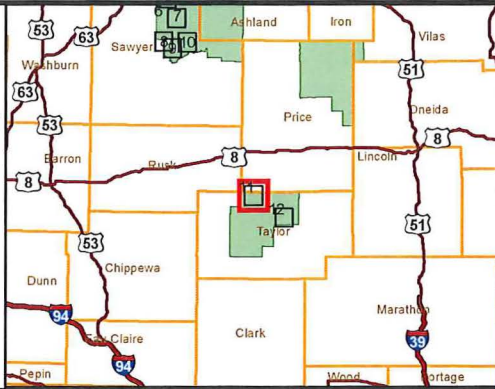


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Chequamegon-Nicolet National Forest
Medford - Park Falls Ranger District

2018
Good Neighbor Authority
Timber Sale Areas
Map 11 of 15

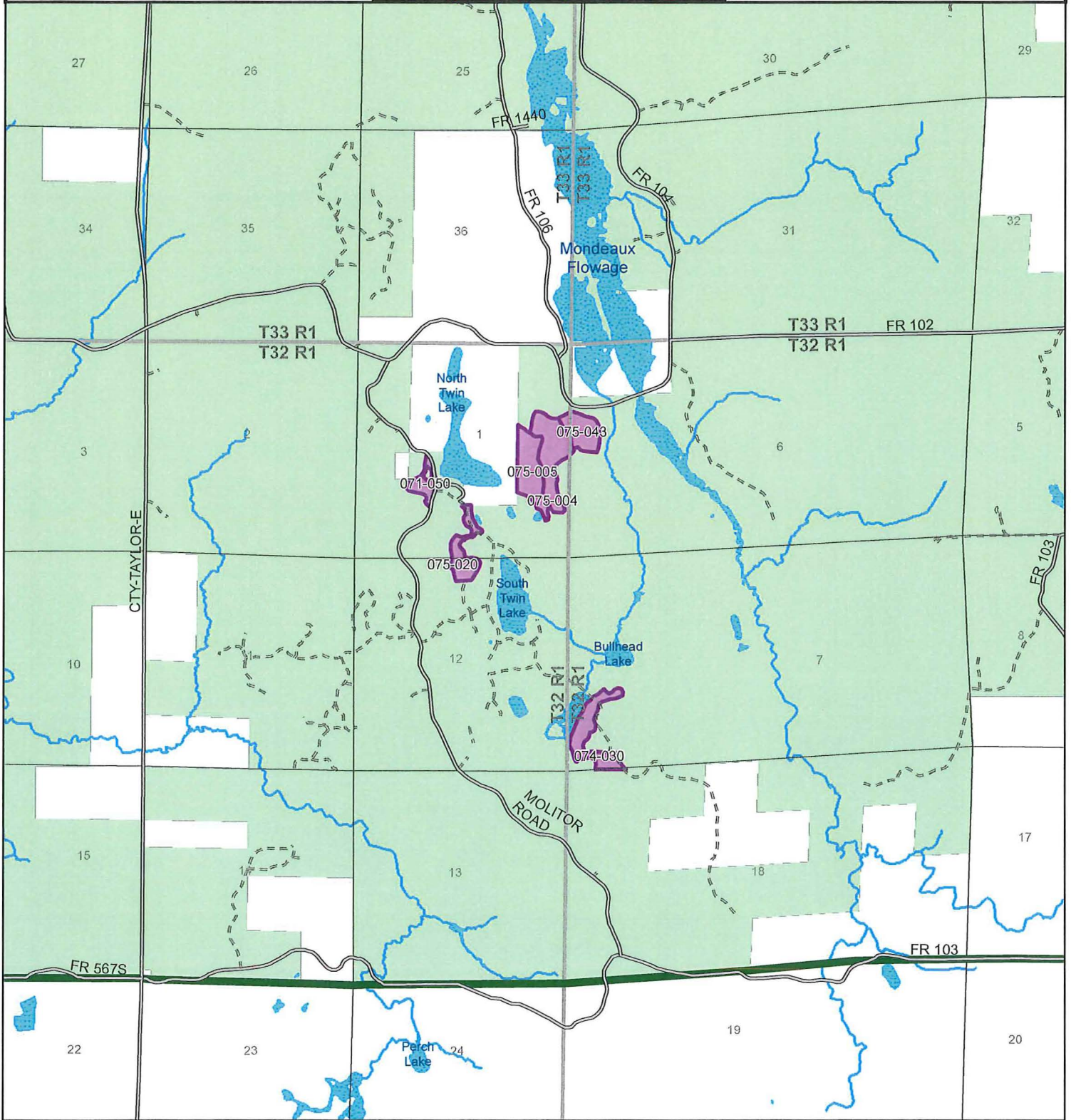
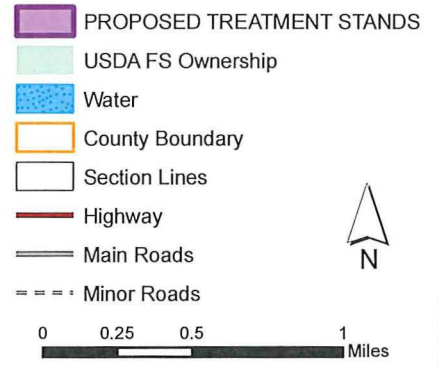


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Chequamegon-Nicolet National Forest
Medford - Park Falls Ranger District

2018
Good Neighbor Authority
Timber Sale Areas
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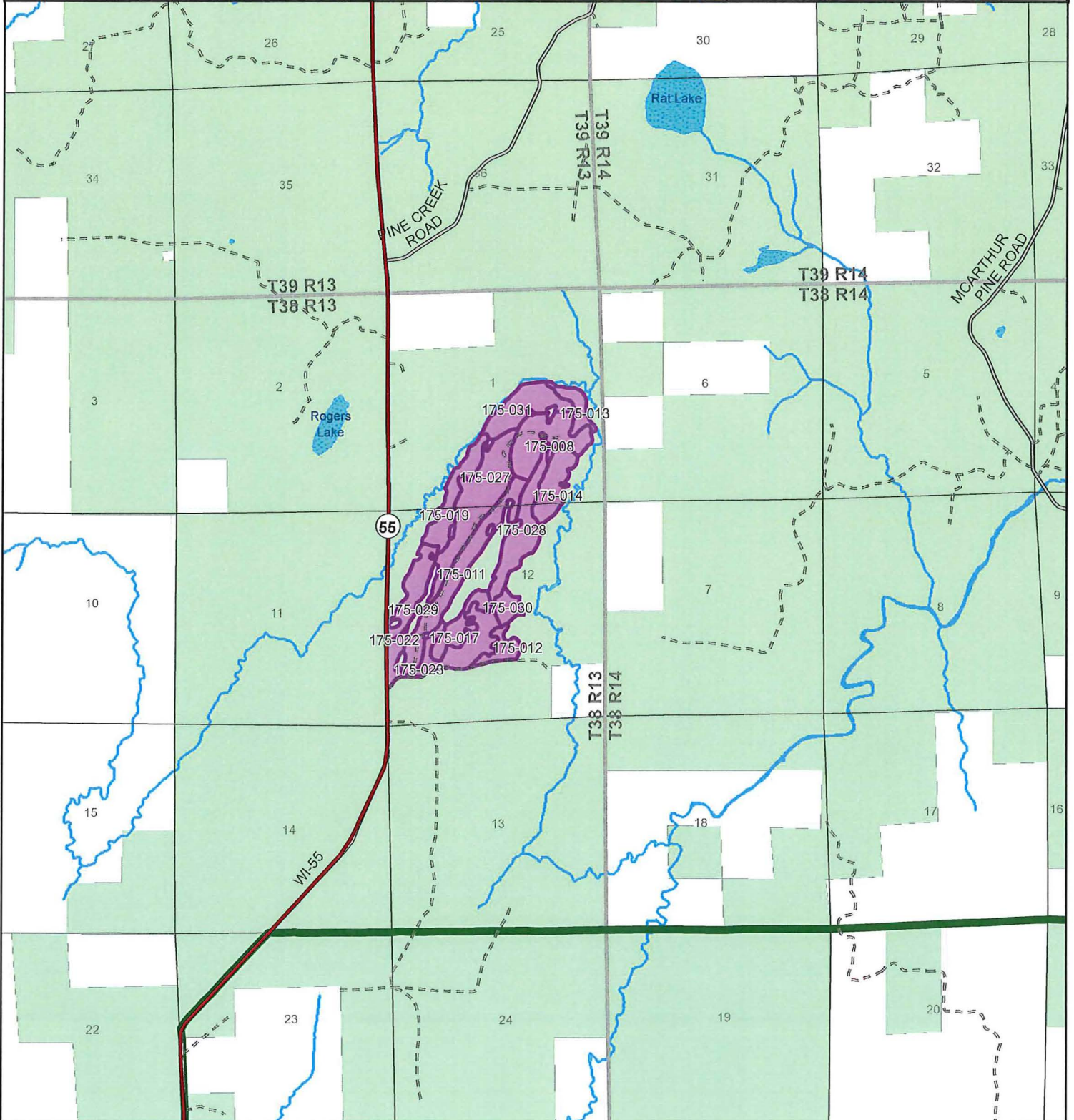
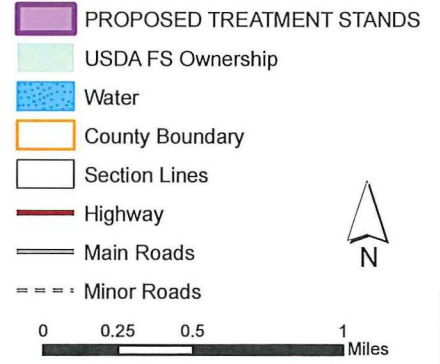
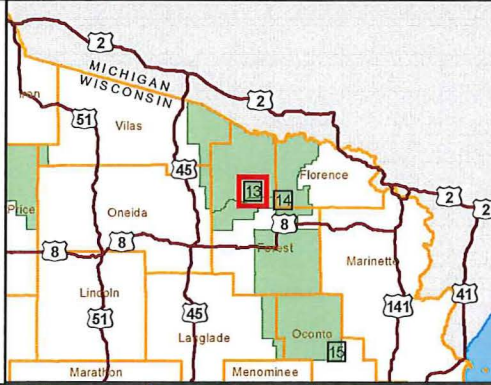
Chequamegon-Nicolet National Forest
Eagle River - Florence Ranger District

2018

Good Neighbor Authority

Timber Sale Areas

Map 13 of 15

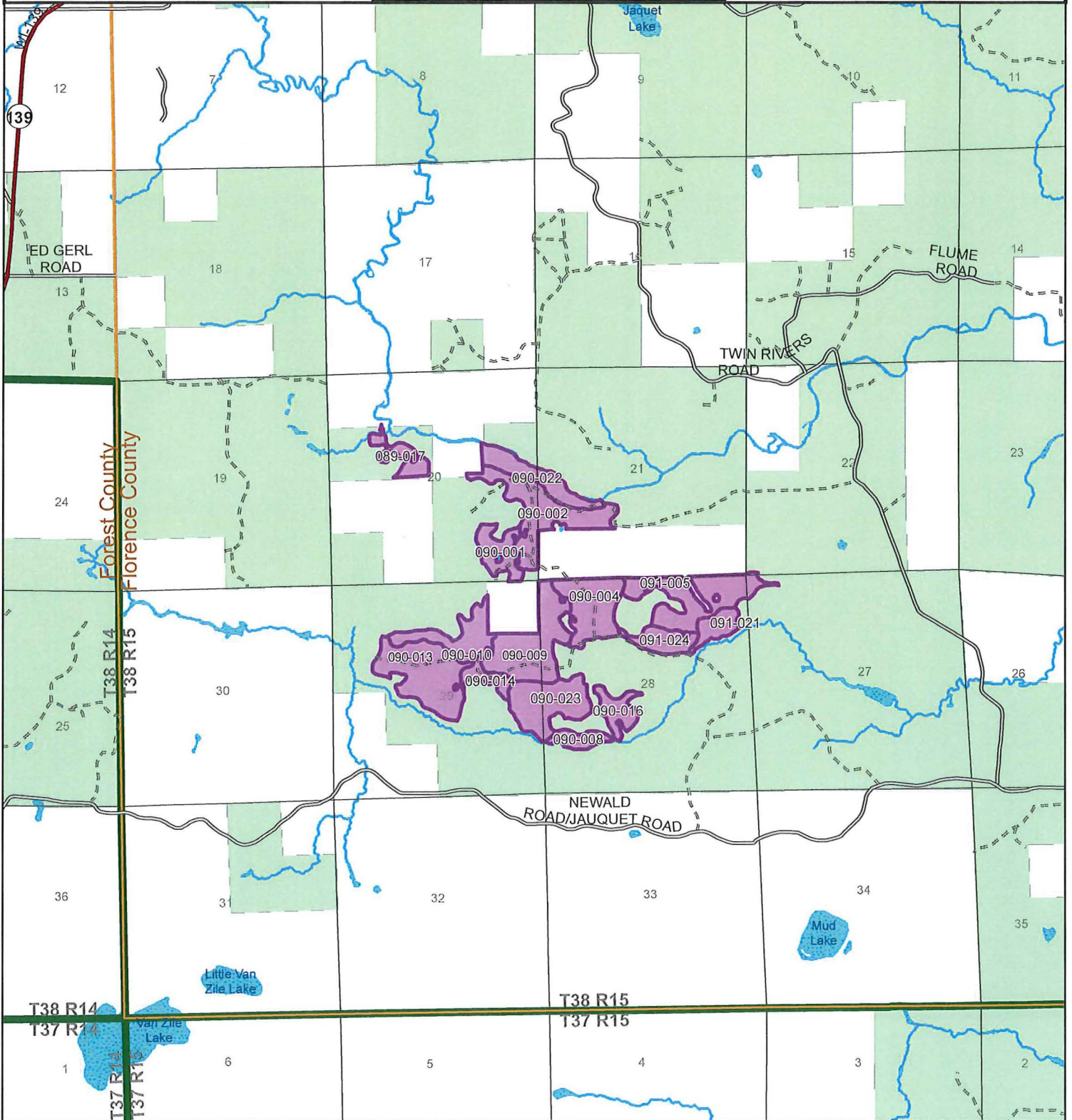
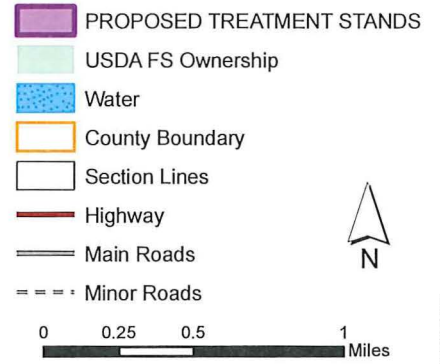


DV 20180222



Chequamegon-Nicolet National Forest
Eagle River - Florence Ranger District

2018
Good Neighbor Authority
Timber Sale Areas
Map 14 of 15



DV 20180222

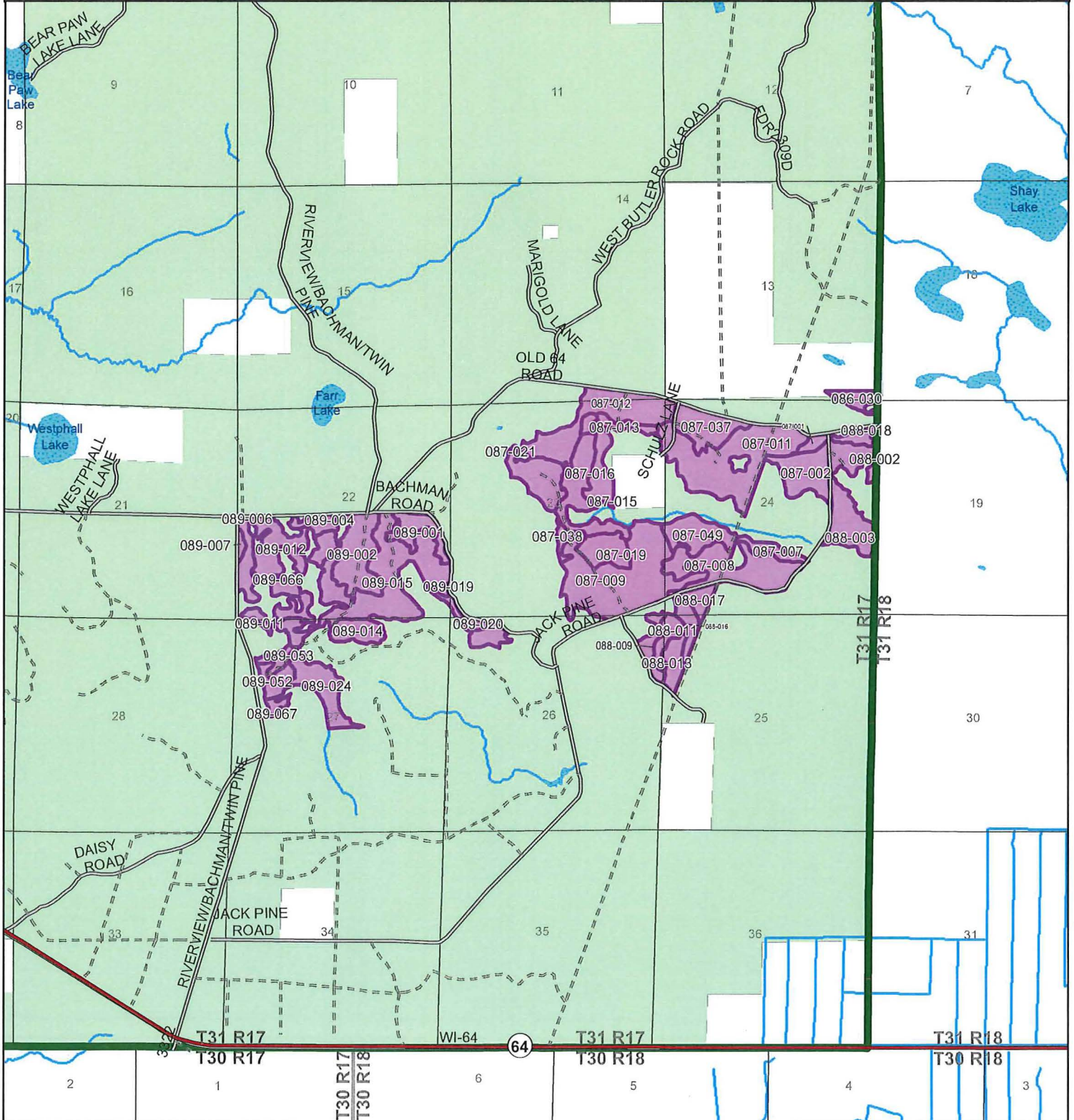
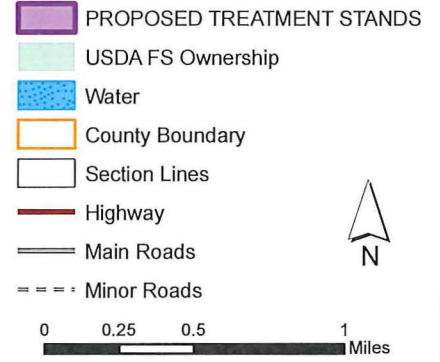
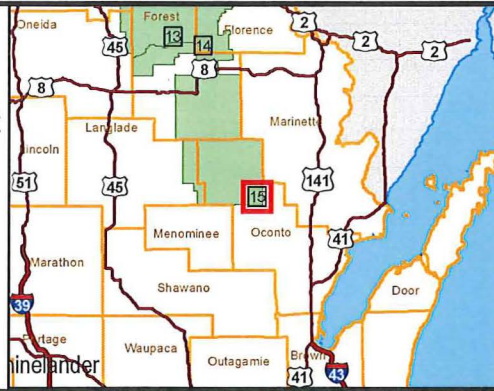


Chequamegon-Nicolet National Forest
Lakewood - Laona Ranger District

2018

Good Neighbor Authority
Timber Sale Areas

Map 15 of 15



DV/20180222

Medford/Park Falls Ranger District Stands cleared through NEPA

NEPA Document	Area Name	Stand ID	Acres	Timber Type	Treatment	Subtotal Acres	Subtotal Volume (MBF)
Medford Aspen II	Mondeaux	9130103071050	8	Aspen	Clearcut		
Medford Aspen II	Mondeaux	9130103074030	23	Aspen	Clearcut		
Medford Aspen II	Mondeaux	9130103075004	30	Aspen	Salvage Clearcut		
Medford Aspen II	Mondeaux	9130103075005	25	Aspen	Clearcut		
Medford Aspen II	Mondeaux	9130103075043	16	Aspen	Clearcut		
Medford Aspen II	Mondeaux	9130103075020	15	Aspen	Clearcut		
Mondeaux Totals						117	1460
Medford Aspen II	Bucket Drop	9130103001022	18	Aspen	Salvage Clearcut		
Medford Aspen II	Bucket Drop	9130103034036	47	Aspen	Salvage Clearcut		
Medford Aspen II	Bucket Drop	9130103034035	13	Spruce-Fir	Salvage Clearcut		
Medford Aspen II	Bucket Drop	9130103034034	22	Aspen	Salvage Clearcut		
Medford Aspen II	Bucket Drop	9130103032008	24	Paper Birch	Shelterwood		
Medford Aspen II	Bucket Drop	9130103032003	13	Aspen	Clearcut		
Medford Aspen II	Bucket Drop	9130103032009	33	Aspen	Clearcut		
Medford Aspen II	Bucket Drop	9130103032006	26	Aspen	Clearcut		
Medford Aspen II	Bucket Drop	9130103032036	15	Aspen	Clearcut		
Medford Aspen II	Bucket Drop	9130103032011	25	Aspen	Clearcut		
Medford Aspen II	Bucket Drop	9130103032015	10	Aspen	Clearcut		
Medford Aspen II	Bucket Drop	9130103034006	18	Aspen	Clearcut		
Medford Aspen II	Bucket Drop	9130103034022	21	Aspen	Clearcut		
Medford Aspen II	Bucket Drop	9130103020013	36	Aspen	Clearcut		
Medford Aspen II	Bucket Drop	9130103035018	4	Aspen	Clearcut		
Medford Aspen II	Bucket Drop	9130103035025	9	Aspen	Clearcut		
Medford Aspen II	Bucket Drop	9130103034009	2.5	Alder	Shear		N/A
Bucket Drop Totals						327.5	4420
Medford/Park Falls SUB-TOTAL						444.5	5,880

Great Divide Ranger District Stands cleared through NEPA

NEPA Document	Area Name	Stand ID	Acres	Timber Type	Treatment	Subtotal Acres	Subtotal Volume (MBF)
Chequamegon Red Pine Thinning EA	6B Red Pine Thinning	9130200377046	30.5	Red Pine	Thinning		
Chequamegon Red Pine Thinning EA	6B Red Pine Thinning	9130200377028	10.4	Red Pine	Thinning		
Chequamegon Red Pine Thinning EA	6B Red Pine Thinning	9130200378020	13.2	Red Pine	Thinning		
Chequamegon Red Pine Thinning EA	6B Red Pine Thinning	9130200378010	23.1	Red Pine	Thinning		
Chequamegon Red Pine Thinning EA	6B Red Pine Thinning	9130200378003	138.4	Red Pine	Thinning		
Chequamegon Red Pine Thinning EA	6B Red Pine Thinning	9130200386003	9.6	Red Pine	Thinning		
Chequamegon Red Pine Thinning EA	6B Red Pine Thinning	9130200386004	18.9	Red Pine	Thinning		
Chequamegon Red Pine Thinning EA	6B Red Pine Thinning	9130200363048	16.4	Red Pine	Thinning		
Chequamegon Red Pine Thinning EA	6B Red Pine Thinning	9130200386002	13.5	Red Pine	Thinning		
Chequamegon Red Pine Thinning EA	6B Red Pine Thinning	9130200377027	39	Red Pine	Thinning		
Chequamegon Red Pine Thinning EA	6B Red Pine Thinning	9130200363038	118.9	Red Pine	Thinning		
Chequamegon Red Pine Thinning EA	6B Red Pine Thinning	9130200363011	48.7	Red Pine	Thinning		
6B Red Pine Thinning Total						480.6	2404
Chequamegon Red Pine Thinning EA	Moose-Chip	9130200461022	7.7	Red Pine	Thinning		
Chequamegon Red Pine Thinning EA	Moose-Chip	9130200464036	35.5	Red Pine	Thinning		
Chequamegon Red Pine Thinning EA	Moose-Chip	9130200461002	7.3	Red Pine	Thinning		
Chequamegon Red Pine Thinning EA	Moose-Chip	9130200461026	1.7	Red Pine	Thinning		
Chequamegon Red Pine Thinning EA	Moose-Chip	9130200452040	11.5	Red Pine	Thinning		
Chequamegon Red Pine Thinning EA	Moose-Chip	9130200450022	13.3	Red Pine	Thinning		
Chequamegon Red Pine Thinning EA	Moose-Chip	9130200452050	8.9	Red Pine	Thinning		
Chequamegon Red Pine Thinning EA	Moose-Chip	9130200452008	14.2	Red Pine	Thinning		
Chequamegon Red Pine Thinning EA	Moose-Chip	9130200460041	8.6	Red Pine	Thinning		
Chequamegon Red Pine Thinning EA	Moose-Chip	9130200413047	14.9	Red Pine	Thinning		
Chequamegon Red Pine Thinning EA	Moose-Chip	9130200460025	7.4	Red Pine	Thinning		
Chequamegon Red Pine Thinning EA	Moose-Chip	9130200446024	20.8	Red Pine	Thinning		
Chequamegon Red Pine Thinning EA	Moose-Chip	9130200464002	34.8	Red Pine	Thinning		
Chequamegon Red Pine Thinning EA	Moose-Chip	9130200440011	15.2	Red Pine	Thinning		
Chequamegon Red Pine Thinning EA	Moose-Chip	9130200441001	15.1	Red Pine	Thinning		
Chequamegon Red Pine Thinning EA	Moose-Chip	9130200452048	7.3	Red Pine	Thinning		
Chequamegon Red Pine Thinning EA	Moose-Chip	9130200452029	9.9	Red Pine	Thinning		
Chequamegon Red Pine Thinning EA	Moose-Chip	9130200452015	38.1	Red Pine	Thinning		
Chequamegon Red Pine Thinning EA	Moose-Chip	9130200457001	50	Red Pine	Thinning		
Chequamegon Red Pine Thinning EA	Moose-Chip	9130200466018	8.8	Red Pine	Thinning		
Chequamegon Red Pine Thinning EA	Moose-Chip	9130200474007	4.1	Red Pine	Thinning		
Chequamegon Red Pine Thinning EA	Moose-Chip	9130200451012	11.9	Red Pine	Thinning		
Chequamegon Red Pine Thinning EA	Moose-Chip	9130200472021	22.2	Red Pine	Thinning		
Chequamegon Red Pine Thinning EA	Moose-Chip	9130200459006	10.8	Red Pine	Thinning		
Chequamegon Red Pine Thinning EA	Moose-Chip	9130200470013	28.4	Red Pine	Thinning		

Moose-Chip Totals							408.4	2043
Chequamegon Red Pine Thinning EA	Penokee Pine	9130200195036	34.6	Red Pine	Thinning			
Chequamegon Red Pine Thinning EA	Penokee Pine	9130200205002	1.3	Red Pine	Thinning			
Chequamegon Red Pine Thinning EA	Penokee Pine	9130200207027	32.3	Red Pine	Thinning			
Chequamegon Red Pine Thinning EA	Penokee Pine	9130200321050	19.6	Red Pine	Thinning			
Chequamegon Red Pine Thinning EA	Penokee Pine	9130200194006	12.2	Red Pine	Thinning			
Chequamegon Red Pine Thinning EA	Penokee Pine	9130200225012	12.9	Red Pine	Thinning			
Chequamegon Red Pine Thinning EA	Penokee Pine	9130200207029	11.7	Red Pine	Thinning			
Chequamegon Red Pine Thinning EA	Penokee Pine	9130200216030	11.8	Red Pine	Thinning			
Chequamegon Red Pine Thinning EA	Penokee Pine	9130200212017	11.8	Red Pine	Thinning			
Chequamegon Red Pine Thinning EA	Penokee Pine	9130200225011	9.4	Red Pine	Thinning			
Penokee Pine Totals							157.6	788

Chequamegon Red Pine Thinning EA	Gold Oak	9130200354015	3	Red Pine	Thinning			
Gold Oak Totals							3	15

Great Divide SUB-TOTAL							1049.6	5250
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Washburn Ranger District Stands cleared through NEPA							
NEPA Document	Area Name	Stand ID	Acres	Timber Type	Treatment	Subtotal Acres	Subtotal Volume (MBF)
Chequamegon Red Pine Thinning EA	699 Pine	9130500179002	52	Red Pine	1st Thinning		
Chequamegon Red Pine Thinning EA	699 Pine	9130500179008	23	Red Pine	Thinning		
Chequamegon Red Pine Thinning EA	699 Pine	9130500189031	43	Red Pine	1st Thinning		
Chequamegon Red Pine Thinning EA	699 Pine	9130500189042	111	Red Pine	1st Thinning		
Chequamegon Red Pine Thinning EA	699 Pine	9130500189043	49	Red Pine	1st Thinning		
Chequamegon Red Pine Thinning EA	699 Pine	9130500190001	112	Red Pine	Thinning		
Chequamegon Red Pine Thinning EA	699 Pine	9130500199022	52	Red Pine	Thinning		
699 Pine Totals						442	2500

Chequamegon Red Pine Thinning EA	441 Pine	9130500220006	52	Red Pine	1st Thinning		
Chequamegon Red Pine Thinning EA	441 Pine	9130500220009	47	Red Pine	1st Thinning		
Chequamegon Red Pine Thinning EA	441 Pine	9130500220017	46	Red Pine	1st Thinning		
Chequamegon Red Pine Thinning EA	441 Pine	9130500221002	36	Red Pine	Thinning		
Chequamegon Red Pine Thinning EA	441 Pine	9130500221010	39	Red Pine	1st Thinning		
Chequamegon Red Pine Thinning EA	441 Pine	9130500221013	82	Red Pine	Thinning		
Chequamegon Red Pine Thinning EA	441 Pine	9130500221014	21	Red Pine	1st Thinning		
Chequamegon Red Pine Thinning EA	441 Pine	9130500221023	53	Red Pine	1st Thinning		
Chequamegon Red Pine Thinning EA	441 Pine	9130500221034	60	Red Pine	1st Thinning		
Chequamegon Red Pine Thinning EA	441 Pine	9130500221037	11	Red Pine	1st Thinning		
441 Pine Totals						447	2500

Washburn SUB-TOTAL							889	5000
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Eagle River/Florence Ranger District Stands cleared through NEPA

NEPA Document	Area Name	Stand ID	Acres	Timber Type	Treatment	Subtotal Acres	Subtotal Volume (MBF)
Morgan Lake EA	Popple River North	9130303175008	42	Northern Hardwoods	Improvement		
Morgan Lake EA	Popple River North	9130303175011	51	Northern Hardwoods	Selection		
Morgan Lake EA	Popple River North	9130303175012	12	Northern Hardwoods	Selection		
Morgan Lake EA	Popple River North	9130303175013	10	Northern Hardwoods	Selection		
Morgan Lake EA	Popple River North	9130303175014	24	Spruce-Fir	Thinning		
Morgan Lake EA	Popple River North	9130303175017	19	Northern Hardwoods	Selection		
Morgan Lake EA	Popple River North	9130303175019	27	Aspen-Fir	Thinning		
Morgan Lake EA	Popple River North	9130303175022	10	Northern Hardwoods	Improvement		
Morgan Lake EA	Popple River North	9130303175023	35	Spruce-Fir	Thinning		
Morgan Lake EA	Popple River North	9130303175027	60	Northern Hardwoods	Selection		
Morgan Lake EA	Popple River North	9130303175028	37	Northern Hardwoods	Selection		
Morgan Lake EA	Popple River North	9130303175029	24	Northern Hardwoods	Selection		
Morgan Lake EA	Popple River North	9130303175030	9	Spruce-Fir	Thinning		
Morgan Lake EA	Popple River North	9130303175031	30	Northern Hardwoods	Selection		
Popple River North Totals						390	1800

Morgan Lake EA	Double Popple	9130303089017	15	Aspen	Overstory Removal		
Morgan Lake EA	Double Popple	9130303090001	23	Northern Hardwoods	Selection		
Morgan Lake EA	Double Popple	9130303090002	59	Northern Hardwoods	Selection		
Morgan Lake EA	Double Popple	9130303090004	45	Northern Hardwoods	Selection		
Morgan Lake EA	Double Popple	9130303090008	11	Northern Hardwoods	Improvement		
Morgan Lake EA	Double Popple	9130303090009	62	Northern Hardwoods	Selection		
Morgan Lake EA	Double Popple	9130303090010	33	Northern Hardwoods	Selection		
Morgan Lake EA	Double Popple	9130303090013	66	Northern Hardwoods	Selection		
Morgan Lake EA	Double Popple	9130303090014	12	Aspen-Spruce-Fir	Overstory Removal		
Morgan Lake EA	Double Popple	9130303090016	17	Spruce-Fir	Thinning		
Morgan Lake EA	Double Popple	9130303090022	30	Northern Hardwoods	Selection		
Morgan Lake EA	Double Popple	9130303090023	48	Northern Hardwoods	Improvement		
Morgan Lake EA	Double Popple	9130303091005	59	Northern Hardwoods	Selection		
Morgan Lake EA	Double Popple	9130303091021	15	Spruce-Fir	Thinning		
Morgan Lake EA	Double Popple	9130303091024	19	Northern Hardwoods	Selection		

Double Popple Totals -----							514	2500
Eagle River/Florence SUB-TOTAL							904	4300
Lakewood/Laona Ranger District Stands cleared through NEPA								
NEPA Document	Area Name	Stand ID	Acres	Timber Type	Treatment	Subtotal Acres	Subtotal Volume (MBF)	
Lakewood Southeast	Southeast Southeast	9130404086030	9	Aspen	Clearcut			
Lakewood Southeast	Southeast Southeast	9130404087001	5	Aspen	Clearcut			
Lakewood Southeast	Southeast Southeast	9130404087002	30	Red Pine-Oak	Thinning			
Lakewood Southeast	Southeast Southeast	9130404087007	9	Northern Pin Oak	Shelterwood			
Lakewood Southeast	Southeast Southeast	9130404087008	56	Aspen	Clearcut			
Lakewood Southeast	Southeast Southeast	9130404087009	100	Red Pine	Thinning			
Lakewood Southeast	Southeast Southeast	9130404087011	89	Northern Pin Oak	Shelterwood			
Lakewood Southeast	Southeast Southeast	9130404087012	59	Red Pine-Oak	Thinning			
Lakewood Southeast	Southeast Southeast	9130404087013	7	Red Pine-Oak	Thinning			
Lakewood Southeast	Southeast Southeast	9130404087015	22	Northern Hardwoods	Shelterwood			
Lakewood Southeast	Southeast Southeast	9130404087016	37	Red Pine	Thinning			
Plantation 2 EA	Southeast Southeast	9130404087019	20	Red Pine	Thinning			
Plantation 2 EA	Southeast Southeast	9130404087021	27	Red Pine	Thinning			
Plantation 2 EA	Southeast Southeast	9130404087037	28	Red Pine	Thinning			
Lakewood Southeast	Southeast Southeast	9130404087038	5	Red Pine	Thinning			
Plantation 2 EA	Southeast Southeast	9130404087049	26	Red Pine	Thinning			
Lakewood Southeast	Southeast Southeast	9130404088002	18	Jack Pine	Clearcut			
Lakewood Southeast	Southeast Southeast	9130404088003	31	Mixed Pine	Thinning			
Lakewood Southeast	Southeast Southeast	9130404088009	15	Aspen	Clearcut			
Lakewood Southeast	Southeast Southeast	9130404088011	10	Red Pine	Thinning			
Lakewood Southeast	Southeast Southeast	9130404088013	10	White Pine	Thinning			
Lakewood Southeast	Southeast Southeast	9130404088016	11	White Pine	Thinning			
Lakewood Southeast	Southeast Southeast	9130404088017	10	Aspen	Clearcut			
Lakewood Southeast	Southeast Southeast	9130404088018	7	Aspen	Clearcut			
Lakewood Southeast	Southeast Southeast	9130404089001	18	Red Pine	Thinning			
Lakewood Southeast	Southeast Southeast	9130404089002	48	Red Pine	Thinning			
Lakewood Southeast	Southeast Southeast	9130404089004	9	White Pine	Shelterwood			
Plantation 2 EA	Southeast Southeast	9130404089006	15	Red Pine	Thinning			
Lakewood Southeast	Southeast Southeast	9130404089007	3	Red Pine	Thinning			
Lakewood Southeast	Southeast Southeast	9130404089011	4	Spruce-Fir	Thinning			
Lakewood Southeast	Southeast Southeast	9130404089012	30	White Pine	Thinning			
Lakewood Southeast	Southeast Southeast	9130404089014	16	Red Pine	Clearcut			
Lakewood Southeast	Southeast Southeast	9130404089015	112	White Pine	Thinning			
Plantation 2 EA	Southeast Southeast	9130404089019	2	Red Pine	Thinning			
Plantation 2 EA	Southeast Southeast	9130404089020	3	Red Pine	Thinning			
Lakewood Southeast	Southeast Southeast	9130404089024	28	Aspen	Clearcut			
Lakewood Southeast	Southeast Southeast	9130404089052	12	White Pine-Oak	Thinning			
Lakewood Southeast	Southeast Southeast	9130404089053	7	White Pine	Thinning			
Lakewood Southeast	Southeast Southeast	9130404089066	16	Spruce-Fir	Thinning			
Lakewood Southeast	Southeast Southeast	9130404089067	4	White Pine	Thinning			
Southeast Southeast Totals -----						968	6000	
Lakewood/Laona SUB-TOTAL						968	6000	

CHEQUAMEGON-NICOLET NATIONAL FOREST POTENTIAL GNA TREATMENTS

ACRES	4255.1
VOLUME	26,430

sale number	Sale name	unit #	decision stand	decision ac	new stand	new stand ac.	new treatment ac	
92704	GNA-West Twin Lake	1	203/39	33	203/39	41.95	33	
		2	203/30	8	203/30	13.79	13	
		3	185/4	78				
			185/30	4		185/4	85.23	85.23
		4	185/3	8	185/3	9.24	7	
		5	184/11	11				
			184/6	7				
			184/8	14		184/8	35.38	28
		6	185/28	12				
			185/46	11		185/37	27.49	21
7	185/45	14	185/45	19.6	11			
8	184/17b	11	184/12	11.63	11			
9	185/22	14	185/22	26.84	12			
10	203/38	7	203/38	7.29	7			

unit #	decision stand	decision ac	new stand	new stand ac.	new treatment ac			
92703	GNA East Twin Lake	1	183/30	33	183/30	26.26	12	
		2	183/29	24	183/19	19.88	17	
		3	184/18	25				
			184/34	31				
			184/3	21*		184/18	70.58	64
		4	184/36	6				
			184/41	5		184/4	21.29	20
5	184/4	8						
	184/29	5						
	184/3	21*		184/3	22.4	22.4		
6	184/5	28	184/5	27.57	27			
7	184/17a	23	184/22	26.6	19			

* original acres were in more than one 'final' unit.

Medford-Park Falls Ranger District Reforestation Planned Activities GNA FY2018

Stand ID	Year	FACTS Code	Activity	Acres
3071-050	0	4493	Site Prep. for natural regeneration-Other	8
	1	4341	1 st year Stocking survey 4,000 stems/ac	8
	3	4341	3 rd year Stocking survey	8
3074-030	0	4493	Site Prep. for natural regeneration-Other	23
	1	4341	1 st year Stocking survey 4,000 stems/ac	23
	3	4341	3 rd year Stocking survey	23
3075-004	0	4493	Site Prep. for natural regeneration-Other	30
	1	4341	1 st year Stocking survey 4,000 stems/ac	30
	3	4341	3 rd year Stocking survey	30
3075-005	0	4493	Site Prep. for natural regeneration-Other	25
	1	4341	1 st year Stocking survey 4,000 stems/ac	25
	3	4341	3 rd year Stocking survey	25
3075-043	0	4493	Site Prep. for natural regeneration-Other	16
	1	4341	1 st year Stocking survey 4,000 stems/ac	16
	3	4341	3 rd year Stocking survey	16
3075-020	0	4493	Site Prep. for natural regeneration-Other	15
	1	4341	1 st year Stocking survey 4,000 stems/ac	15
	3	4341	3 rd year Stocking survey	15
3001-022	0	4493	Site Prep. for natural regeneration-Other	18
	1	4341	1 st year Stocking survey 4,000 stems/ac	18
	3	4341	3 rd year Stocking survey	18

3034-036	0	4493	Site Prep. for natural regeneration-Other	47
	1	4341	1 st year Stocking survey 4,000 stems/ac	47
	3	4341	3 rd year Stocking survey	47
3034-034	0	4493	Site Prep. for natural regeneration-Other	22
	1	4341	1 st year Stocking survey 4,000 stems/ac	22
	3	4341	3 rd year Stocking survey	22
3032-008	0	4474	Site Prep.-Mechanical Scarification (Salmon-Blade/Braacke)	24
	3	4341	3 rd year Stocking survey 4,000 stems/ac	24
	5	4341	5 th year Stocking survey	24
3032-003	0	4493	Site Prep. for natural regeneration-Other	13
	1	4341	1 st year Stocking survey 4,000 stems/ac	13
	3	4341	3 rd year Stocking survey	13
3032-009	0	4493	Site Prep. for natural regeneration-Other	33
	1	4341	1 st year Stocking survey 4,000 stems/ac	33
	3	4341	3 rd year Stocking survey	33
3032-006	0	4493	Site Prep. for natural regeneration-Other	26
	1	4341	1 st year Stocking survey 4,000 stems/ac	26
	3	4341	3 rd year Stocking survey	26
3032-011	0	4493	Site Prep. for natural regeneration-Other	25
	1	4341	1 st year Stocking survey 4,000 stems/ac	25
	3	4341	3 rd year Stocking survey	25
3032-015	0	4493	Site Prep. for natural regeneration-Other	10
	1	4341	1 st year Stocking survey 4,000 stems/ac	10
	3	4341	3 rd year Stocking survey	10

3034-006	0	4493	Site Prep. for natural regeneration-Other	18
	1	4341	1 st year Stocking survey 4,000 stems/ac	18
	3	4341	3 rd year Stocking survey	18
3034-022	0	4493	Site Prep. for natural regeneration-Other	21
	1	4341	1 st year Stocking survey 4,000 stems/ac	21
	3	4341	3 rd year Stocking survey	21
3020-013	0	4493	Site Prep. for natural regeneration-Other	36
	1	4341	1 st year Stocking survey 4,000 stems/ac	36
	3	4341	3 rd year Stocking survey	36
3035-018	0	4493	Site Prep. for natural regeneration-Other	4
	1	4341	1 st year Stocking survey 4,000 stems/ac	4
	3	4341	3 rd year Stocking survey	4
3035-025	0	4493	Site Prep. for natural regeneration-Other	9
	1	4341	1 st year Stocking survey 4,000 stems/ac	9
	3	4341	3 rd year Stocking survey	9

Sale Name	Stand ID	Activity	Acres
Venison Creek	450015	4493-Site Prep; Reduce Crown Cover	39
		4341-1 st Year Stocking Survey	39
		4341-3 rd Year Stocking Survey	39
		4381-Cerfitication of Natural Regeneration with Site Prep	39
	450035	4493-Site Prep; Reduce Crown Cover	12
		4341-1 st Year Stocking Survey	12
		4341-3 rd Year Stocking Survey	12
		4381-Cerfitication of Natural Regeneration with Site Prep	12
	450038	4493-Site Prep; Reduce Crown Cover	10
		4341-1 st Year Stocking Survey	10
		4341-3 rd Year Stocking Survey	10
		4381-Cerfitication of Natural Regeneration with Site Prep	10
Weasel Creek	449007	4493-Site Prep; Reduce Crown Cover	42
		4341-1 st Year Stocking Survey	42
		4341-3 rd Year Stocking Survey	42
		4381-Cerfitication of Natural Regeneration with Site Prep	42
	457023	4493-Site Prep; Reduce Crown Cover	13
		4341-1 st Year Stocking Survey	13
		4341-3 rd Year Stocking Survey	13
		4381-Cerfitication of Natural Regeneration with Site Prep	13
Tater South	369027	4484-Site Prep for Seeding - Mechanical	6
		4341-3 rd Year Stocking Survey	6
		4341-5 th Year Stocking Survey	6

		4381-Cerfitication of Natural Regeneration with Site Prep, min. 2000 trees/ac	6
	369033	4493-Site Prep; Cut Trees greater than 2" by logging contractor	19
		4341-3 rd Year Stocking Survey (for Aspen only)	19
		4381-Cerfitication of Natural Regeneration with Site Prep, 3000 stems/ac	19
	369013	4495-Site Prep; Canopy Gap Cleaning - part of logging contract	23
		4341-3 rd Year Stocking Survey	23
		4341-5 th Year Stocking Survey	23
		4381-Cerfitication of Natural Regeneration with Site Prep, min. 2000 trees/ac	23
	369016	4495-Site Prep; Canopy Gap Cleaning - part of logging contract	57
		4341-3 rd Year Stocking Survey	57
		4341-5 th Year Stocking Survey	57
		4381-Cerfitication of Natural Regeneration with Site Prep, min. 2000 trees/ac	57
County Line South	375016	4495-Site Prep; Canopy Gap Cleaning - part of logging contract	15
		4341-3 rd Year Stocking Survey	15
		4341-5 th Year Stocking Survey	15
		4381-Cerfitication of Natural Regeneration with Site Prep, min. 2000 trees/ac	15
	375023	4495-Site Prep; Canopy Gap Cleaning - part of logging contract	20
		4341-3 rd Year Stocking Survey	20
		4341-5 th Year Stocking Survey	20
		4381-Cerfitication of Natural Regeneration with Site Prep, min. 2000 trees/ac	20
Black Lake	456017	4493-Site Prep; Reduce Residual Crown Cover	19
		4341-1 st Year Stocking Survey	19
		4341-3 rd Year Stocking Survey	19
		4381-Cerfitication of Natural Regeneration with Site Prep, min. 3200 trees/ac	19
	454019	4493-Site Prep; Cut Trees greater than 2" by logging contractor	14
		4341-3 rd Year Stocking Survey (for Aspen only)	14
		4381-Cerfitication of Natural Regeneration with Site Prep, min.3000 stems/ac	14
	448011	4495-Site Prep; Cut Trees greater than 2" by logging contractor	10

		4341-3 rd Year Stocking Survey	10	
		4341-5 th Year Stocking Survey	10	
		4381-Cerfitication of Natural Regeneration with Site Prep, min.2000 stems/ac	10	
	448025		4495-Site Prep; Cut Trees greater than 2" by logging contractor	3
			4341-3 rd Year Stocking Survey	3
			4341-5 th Year Stocking Survey	3
			4381-Cerfitication of Natural Regeneration with Site Prep, min.2000 stems/ac	3
	454047		4495-Site Prep; Cut Trees greater than 2" by logging contractor	35
			4341-3 rd Year Stocking Survey	35
			4341-5 th Year Stocking Survey	35
			4381-Cerfitication of Natural Regeneration with Site Prep, min.2000 stems/ac	35
	043035		4495-Site Prep; Canopy Gap Cleaning	36
			4341-3 rd Year Stocking Survey	36
			4341-5 th Year Stocking Survey	36
			4381-Cerfitication of Natural Regeneration with Site Prep, min.2000 stems/ac	36
	Moose Lake	445010	4495-Site Prep; Canopy Gap Cleaning	47
4341-3 rd Year Stocking Survey			47	
4341-5 th Year Stocking Survey			47	
4381-Cerfitication of Natural Regeneration with Site Prep, min. 2000 trees/ac			47	
435049a			4493-Aspen Site Prep; Reduce Residual Crown Cover by logging contractor	3
			4341-1 st Year Stocking Survey	3
			4341-3 rd Year Stocking Survey	3
			4381-Cerfitication of Natural Regeneration, 2000 stems/acre	3
435049b			4493-Aspen Site Prep; Reduce Residual Crown Cover by logging contractor	3
			4341-1 st Year Stocking Survey	
			4341-3 rd Year Stocking Survey	3
			4381-Cerfitication of Natural Regeneration, 3000 stems/acre	3
445046			4493-Aspen Site Prep; Reduce Residual Crown Cover by logging contractor	8

		4341-1 st Year Stocking Survey	8
		4341-3 rd Year Stocking Survey	8
		4381-Cerfitication of Natural Regeneration, min. 3000 stems/acre	8
	435019	4493-Aspen Site Prep; Reduce Residual Crown Cover by logging contractor	16
		4341-1 st Year Stocking Survey	16
		4341-3 rd Year Stocking Survey	16
		4381-Cerfitication of Natural Regeneration, min. 3000 stems/acre	16
Bison North	373026	4341-3 rd Year Stocking Survey	26
		4382-Cerfitication of Natural Regen without Site Prep, min. 2000 trees/acre	26
	372013	4341-1 st Year Stocking Survey	11
		4341-3 rd Year Stocking Survey	11
		4484-Site Prep for Seeding; Mechanical Scarification – ONLY IF NEEDED	11
		4341-5 th Year Stocking Survey	11
		4382-Cerfitication of Natural Regen. with Site Prep, min.2000 trees/acre	11
	373013	4341-1 st Year Stocking Survey	23
		4341-3 rd Year Stocking Survey	23
		4484-Site Prep for Seeding; Mechanical Scarification – ONLY IF NEEDED	23
		4341-5 th Year Stocking Survey	23
		4382-Cerfitication of Natural Regen. with Site Prep, min.2000 trees/acre	23
	373020	4341-1 st Year Stocking Survey	31
		4341-3 rd Year Stocking Survey	31
		4484-Site Prep for Seeding; Mechanical Scarification – ONLY IF NEEDED	31
		4341-5 th Year Stocking Survey	31
		4382-Cerfitication of Natural Regen. with Site Prep, min.2000 trees/acre	31
	373015	4411-Seeding White Pine	4
		4341-3 rd Year Stocking Survey	4
		4382-Certification of Natural Regen. w/o Site Prep, min. 500 seedling/acre	4
		4474 & 4494-Site Prep; Scarification – ONLY IF NEEDED	4

		4411 or 4431-Aerial Seed; 1 lb. white pine/acre – ONLY IF NEEDED	4
		4460-Seedling Protection – ONLY IF NEEDED	4
		4341-5 th Year Stocking Survey	4
		4381- Certification of Natural Regeneration, min. 500 seedling/acre	4
	373018	4411-Seeding White Pine	13
		4341-3 rd Year Stocking Survey	13
		4382-Certification of Natural Regen. w/o Site Prep, min. 500 seedling/acre	13
		4474 & 4494-Site Prep; Scarification – ONLY IF NEEDED	13
		4411 or 4431-Aerial Seed; 1 lb. white pine/acre – ONLY IF NEEDED	13
		4460-Seedling Protection – ONLY IF NEEDED	13
		4341-5 th Year Stocking Survey	13
		4381- Certification of Natural Regeneration, min. 500 seedling/acre	13
	373023	4411-Seeding White Pine	14
		4341-3 rd Year Stocking Survey	14
		4382-Certification of Natural Regen. w/o Site Prep, min. 500 seedling/acre	14
		4474 & 4494-Site Prep; Scarification – ONLY IF NEEDED	14
		4411 or 4431-Aerial Seed; 1 lb. white pine/acre – ONLY IF NEEDED	14
		4460-Seedling Protection – ONLY IF NEEDED	14
		4341-5 th Year Stocking Survey	14
		4381- Certification of Natural Regeneration, min. 500 seedling/acre	14
	373030	4411-Seeding White Pine	17
		4341-3 rd Year Stocking Survey	17
		4382-Certification of Natural Regen. w/o Site Prep, min. 500 seedling/acre	17
		4474 & 4494-Site Prep; Scarification – ONLY IF NEEDED	17
		4411 or 4431-Aerial Seed; 1 lb. white pine/acre – ONLY IF NEEDED	17
4460-Seedling Protection – ONLY IF NEEDED		17	
4341-5 th Year Stocking Survey		17	
4381- Certification of Natural Regeneration, min. 500 seedling/acre		17	

	372006	4495-Site Prep; Canopy Gap Cleaning	11
		4341-3 rd Year Stocking Survey	11
		4341-5 th Year Stocking Survey	11
		4381-Cerfitication of Natural Regeneration with Site Prep, min.2000 trees/ac	11
	370028	4495-Site Prep; Canopy Gap Cleaning	12
		4341-3 rd Year Stocking Survey	12
		4341-5 th Year Stocking Survey	12
		4381-Cerfitication of Natural Regeneration with Site Prep, min.2000 trees/ac	12
Bison South	385033	4411-Seeding White Pine	17
		4341-3 rd Year Stocking Survey	17
		4382- Certification of Natural Regeneration w/o Site Prep, min. 500 trees/ac	17
		4474 & 4494-Site Prep; Scarification – ONLY IF NEEDED	17
		4411 or 4431-Aerial Seed; 1/4 lb. white pine/acre – ONLY IF NEEDED	17
		4460-Seedling Protection – ONLY IF NEEDED	17
		4341-5 th Year Stocking Survey	17
		4381- Certification of Natural Regeneration, min. 500 tree/acre	17
	385002	4341-1 st Year Stocking Survey	20
		4341-3 rd Year Stocking Survey	20
		4484- Site Prep; Mechanical Scarification – ONLY IF NEEDED	20
		4341-5 th Year Stocking Survey	20
		4381- Certification of Natural Regeneration w/ Site Prep, min.2000 trees/acre	20
	385009	4341-1 st Year Stocking Survey	39
		4341-3 rd Year Stocking Survey	39
		4484- Site Prep; Mechanical Scarification – ONLY IF NEEDED	39
		4341-5 th Year Stocking Survey	39
		4381- Certification of Natural Regeneration w/ Site Prep, min.2000 trees/acre	39
	385021	4341-1 st Year Stocking Survey	5
		4341-3 rd Year Stocking Survey	5

		4484- Site Prep; Mechanical Scarification – ONLY IF NEEDED	5
		4341-5 th Year Stocking Survey	5
		4381- Certification of Natural Regeneration w/ Site Prep, min.2000 trees/acre	5
	385027	4341-1 st Year Stocking Survey	18
		4341-3 rd Year Stocking Survey	18
		4484- Site Prep; Mechanical Scarification – ONLY IF NEEDED	18
		4341-5 th Year Stocking Survey	18
		4381- Certification of Natural Regeneration w/ Site Prep, min.2000 trees/acre	18
Gold Oak	354013	4474 & 4494-Site Prep; Scarification	18
		4431-Under-plan White Pine	18
		4460-Seedling Protection – ONLY IF NEEDED	
		4342-1 st Year Stocking Survey	18
		4342-3 rd Year Stocking Survey	18
		4341-5 th Year Stocking Survey	18
		4382, 4381-Certification of Regeneration, min. 500 seedlings/acre	18

Eagle River-Florence Ranger District Reforestation Activities

Stand ID	Year	FACTS Code	Activity	Acres
2162/22	0 - 1	4495	Manual site prep for natural regen – canopy gap cleaning	46
	3	4341	3 rd year stocking survey	46
	5	4341	5 th year stocking survey	46
	5	4381	Certification of natural regen with site prep (2000tpa)	46
2164/16	0 - 1	4495	Manual site prep for natural regen – canopy gap cleaning	36
	3	4341	3 rd year stocking survey	36
	5	4341	5 th year stocking survey	36
	5	4381	Certification of natural regen with site prep (2000tpa)	36
2164/30	3	4341	3 rd year stocking survey	39
	3	4382	Certification of natural regen without site prep (1500tpa)	39
2163/21	1	4341	1 st year stocking survey	7
	2	4432	Fill-in planting (IF NEEDED)	7
	3	4341	3 rd year stocking survey	7
	3	4382	Certification of natural regen without site prep (2000tpa)	7
2164/18	0 - 1	4495	Manual site prep for natural regen – canopy gap cleaning	185
	3	4341	3 rd year stocking survey	185
	5	4341	5 th year stocking survey	185

	5	4381	Certification of natural regen with site prep (2000tpa)	185
2164/24	0 – 1	4495	Manual site prep for natural regen – canopy gap cleaning	32
	3	4341	3rd year stocking survey	32
	5	4341	5th year stocking survey	32
	5	4381	Certification of natural regen with site prep (2000tpa)	32
2170/3	0	4314	Pretreatment exam for reforestation	26
	0	4494	Mechanical site prep for natural regen	26
	3	4341	3 rd year stocking survey	26
	5	4341	5 th year stocking survey	26
	7	4381	Certification of natural regen with site prep (2000tpa)	26
	8	4511	Tree release and weed	26
2170/11	0	4495	Manual site prep for natural regen – cut 1-5in. dbh residual trees not harvested by logger	2
	3	4341	3rd year stocking survey	2
	5	4341	5th year stocking survey	2
	5	4381	Certification of natural regen with site prep (800tpa)	2
2170/30	1	4432	Fill-in planting	2
	3	4341	3rd year stocking survey	2
	5	4341	5th year stocking survey	2
	5	4381	Certification of natural regen with site prep (1000tpa)	2

2124/7	0 - 1	4495	Manual site prep for natural regen – canopy gap cleaning	11
	3	4341	3 rd year stocking survey	11
	5	4341	5 th year stocking survey	11
	5	4381	Certification of natural regen with site prep (2000tpa)	11
2125/62	1	4474	Mechanical site prep for planting – disc trenching or similar	9
	2	4431	Plant trees – red pine at 680tpa	9
	3	4341	1 st year stocking survey	9
	5	4341	3 rd year stocking survey	9
	5	4383	Certification of tree planting (red pine at 550tpa)	9
	6	4511	Tree release and weed	9
2125/65	1	4341	1 st year stocking survey	12
	3	4341	3 rd year stocking survey	12
	5	4341	5 th year stocking survey	12
	5	4382	Certification of natural regen without site prep (white pine at 800tpa)	12
2126/2	0 - 1	4495	Manual site prep for natural regen – canopy gap cleaning	9
	0 - 1	4540	Control of understory vegetation (invasive species control) – any method except burning	9
	3	4341	3 rd year stocking survey	9
	5	4341	5 th year stocking survey	9
	5	4381	Certification of natural regen with site prep (2000tpa)	9

2126/3	0 – 1	4495	Manual site prep for natural regen – canopy gap cleaning	7
	0 – 1	4540	Control of understory vegetation (invasive species control) – any method except burning	7
	3	4341	3rd year stocking survey	7
	5	4341	5th year stocking survey	7
	5	4381	Certification of natural regen with site prep (2000tpa)	7
2126/11	1	4341	1 st year stocking survey	21
	3	4341	3 rd year stocking survey	21
	5	4382	Certification of natural regen without site prep (3000tpa)	21
2126/22	0	4494	Mechanical site prep for natural regen – salmon blade or similar	21
	3	4341	3 rd year stocking survey	21
	3	4511	Tree release and weed – cut aspen suckers	21
	5	4341	5 th year stocking survey	21
	5	4381	Certification of natural regen with site prep (800tpa)	21
2127/52	1	4314	Pretreatment exam for reforestation	25
	2	4474	Mechanical site prep for planting	25
	3	4432	Fill-in planting	25
	5	4341	2 nd year stocking survey	25
	7	4381	Certification of natural regen with site prep (800tpa)	25
2114/2	0	4493	Manual site prep for natural regen – cut 1-5in. dbh residual trees not harvested by logger	12
	1	4341	1 st year stocking survey	12

	3	4341	3 rd year stocking survey	12
	3	4381	Certification of natural regen with site prep (3000tpa)	12
2114/4	0	4494	Mechanical site prep for natural regen – anchor chain or similar	6
	1	4341	1 st year stocking survey	6
	3	4341	3 rd year stocking survey	6
	5	4381	Certification of natural regen with site prep (725tpa)	6
2114/17	0	4494	Mechanical site prep for natural regen – anchor chain or similar	5
	1	4341	1 st year stocking survey	5
	3	4341	3 rd year stocking survey	5
	5	4381	Certification of natural regen with site prep (725tpa)	5
2114/32	0	4494	Mechanical site prep for natural regen – anchor chain or similar	4
	1	4341	1 st year stocking survey	4
	3	4341	3 rd year stocking survey	4
	5	4381	Certification of natural regen with site prep (725tpa)	4
2114/35	3	4341	3 rd year stocking survey	8
	5	4341	5 th year stocking survey	8
	5	4382	Certification of natural regen without site prep (550tpa)	8
2114/41	1	4341	1 st year stocking survey	13
	1	4383	Certification of tree planting (white pine at 350tpa)	13
2114/44	1	4341	1 st year stocking survey	15

	1	4383	Certification of tree planting (white pine at 350tpa)	15
2121/4	0	4495	Manual site prep for natural regen – cut 1-5in. dbh residual trees not harvested by logger	6
	1	4341	1 st year stocking survey	6
	3	4341	3 rd year stocking survey	6
	3	4381	Certification of natural regen with site prep (3000tpa)	6
2125/8	0	4494	Mechanical site prep for natural regen – anchor chain or similar	6
	1	4341	1 st year stocking survey	6
	3	4341	3 rd year stocking survey	6
	5	4381	Certification of natural regen with site prep (725tpa)	6
2125/14	0	4494	Manual site prep for natural regen – cut 1-5in. dbh residual trees not harvested by logger	7
	1	4341	1 st year stocking survey	7
	3	4341	3 rd year stocking survey	7
	3	4381	Certification of natural regen with site prep (3000tpa)	7
2125/45	3	4341	3 rd year stocking survey	18
	5	4341	5 th year stocking survey	18
	5	4382	Certification of natural regen without site prep (800tpa)	18
2125/51	0	4494	Mechanical site prep for natural regen – anchor chain or similar	2
	1	4341	1 st year stocking survey	2
	3	4341	3 rd year stocking survey	2
	5	4381	Certification of natural regen with site prep (725tpa)	2

2125/52	0	4494	Mechanical site prep for natural regen – anchor chain or similar	3
	1	4341	1 st year stocking survey	3
	3	4341	3 rd year stocking survey	3
	5	4381	Certification of natural regen with site prep (725tpa)	3
2125/60	0	4494	Mechanical site prep for natural regen – anchor chain or similar	10
	1	4341	1 st year stocking survey	10
	3	4341	3 rd year stocking survey	10
	5	4381	Certification of natural regen with site prep (725tpa)	10
2127/42	1	4494	Mechanical site prep for natural regen – anchor chain, salmon blade, or similar	16
	1	4431	Plant trees – red oak at 900tpa	16
	4	4383	Certification of tree planting (435tpa)	16
	4	4511	Tree release and weed – hand cut species competing with red oak	16
2127/53	1	4341	1 st year stocking survey	20
	3	4341	3 rd year stocking survey	20
	5	4341	5 th year stocking survey	20
	5	4382	Certification of natural regen without site prep (550tpa)	20
2115/14	0 – 1	4493	Manual site prep for natural regen – cut 1-5in. dbh maple and aspen trees	10
	1	4341	1 st year stocking survey	10
	3	4341	3 rd year stocking survey	10
	5	4381	Certification of natural regen with site prep (4000tpa)	10
2115/31	0	4494	Mechanical site prep for natural regen – anchor chain or similar	5
	1	4341	1 st year stocking survey	5

	3	4341	3 rd year stocking survey	5
	5	4381	Certification of natural regen with site prep (725tpa)	5
2115/44	1	4341	1 st year stocking survey	25
	1	4382	Certification of natural regen without site prep	25
2115/61	0	4494	Mechanical site prep for natural regen – anchor chain or similar	3
	1	4341	1st year stocking survey	3
	3	4341	3rd year stocking survey	3
	5	4381	Certification of natural regen with site prep (725tpa)	3
2115/73	1	4341	1 st year stocking survey	14
	1	4314	Pretreatment exam for reforestation	14
	3	4341	3 rd year stocking survey	14
	5	4381	Certification of natural regen with site prep (600tpa)	14
2116/8	3	4341	3rd year stocking survey	13
	3	4382	Certification of natural regen without site prep (1500tpa)	13
2121/20	0 – 1	4495	Manual site prep for natural regen – canopy gap cleaning	15
	2	4341	3 rd year stocking survey	15
	5	4341	5 th year stocking survey	15
	5	4381	Certification of natural regen with site prep (2000tpa)	15
2122/3	0 – 1	4495	Manual site prep for natural regen – canopy gap cleaning	76
	0 – 1	4540	Control of understory vegetation (invasive species control) – any method except burning	76
	3	4341	3 rd year stocking survey	76
	5	4341	5 th year stocking survey	76
	5	4381	Certification of natural regen with site prep (2000tpa)	76
2122/5	0 – 1	4495	Manual site prep for natural regen – canopy gap cleaning	58
	0 – 1	4540	Control of understory vegetation (invasive species control) – any method except burning	58
	3	4341	3rd year stocking survey	58
	5	4341	5th year stocking survey	58

	5	4381	Certification of natural regen with site prep (2000tpa)	58
2122/6	0 – 1	4495	Manual site prep for natural regen – canopy gap cleaning	34
	0 – 1	4540	Control of understory vegetation (invasive species control) – any method except burning	34
	3	4341	3rd year stocking survey	34
	5	4341	5th year stocking survey	34
	5	4381	Certification of natural regen with site prep (2000tpa)	34
2117/3	0 – 1	4495	Manual site prep for natural regen – canopy gap cleaning	15
	3	4341	3rd year stocking survey	15
	5	4341	5th year stocking survey	15
	5	4381	Certification of natural regen with site prep (2000tpa)	15
2117/5	0 – 1	4495	Manual site prep for natural regen – canopy gap cleaning	41
	3	4341	3rd year stocking survey	41
	5	4341	5th year stocking survey	41
	5	4381	Certification of natural regen with site prep (2000tpa)	41
2119/1	0 – 1	4495	Manual site prep for natural regen – canopy gap cleaning	179
	3	4341	3rd year stocking survey	179
	5	4341	5th year stocking survey	179
	5	4381	Certification of natural regen with site prep (2000tpa)	179
2119/15	0 – 1	4495	Manual site prep for natural regen – canopy gap cleaning	45
	3	4341	3rd year stocking survey	45
	5	4341	5th year stocking survey	45
	5	4381	Certification of natural regen with site prep (2000tpa)	45
2119/16	0	4494	Mechanical site prep for natural regen – salmon blade or similar	8
	3	4341	3 rd year stocking survey	8
	3	4511	Tree release and weed – cut aspen suckers	8
	5	4341	5 th year stocking survey	8
	5	4381	Certification of natural regen with site prep (800tpa)	8

2119/22	1	4493	Manual site prep for natural regen	29
	1	4341	1 st year stocking survey	29
	3	4341	3 rd year stocking survey	29
	3	4381	Certification of natural regen with site prep (3000tpa)	29
2119/23	0	4494	Mechanical site prep for natural regen – salmon blade or similar	12
	3	4341	3 rd year stocking survey	12
	3	4511	Tree release and weed – cut aspen suckers	12
	5	4341	5 th year stocking survey	12
	5	4381	Certification of natural regen with site prep (800tpa)	12
2118/4	0 – 1	4495	Manual site prep for natural regen – canopy gap cleaning	137
	3	4341	3 rd year stocking survey	137
	5	4341	5 th year stocking survey	137
	5	4381	Certification of natural regen with site prep (2000tpa)	137
2118/8	0	4494	Mechanical site prep for natural regen	36
	3	4341	3 rd year stocking survey	36
	5	4341	5 th year stocking survey	36
	5	4381	Certification of natural regen with site prep (1000tpa)	36
	7	4511	Tree release and weed	36
2118/42	1	4495	Manual site prep for natural regen – canopy gap cleaning	21
	3	4341	3 rd year stocking survey	21
	5	4341	5 th year stocking survey	21
	5	4381	Certification of natural regen with site prep (2000tpa)	21
2119/2	3	4341	3 rd year stocking survey	33
	5	4341	5 th year stocking survey	33
	5	4381	Certification of natural regen with site prep (2000tpa)	33
2119/5	1	4341	1 st year stocking survey	15
	3	4382	Certification of natural regen without site prep (2000tpa)	15

2119/26	0 - 1	4495	Manual site prep for natural regen – canopy gap cleaning	41
	3	4341	3rd year stocking survey	41
	5	4341	5th year stocking survey	41
	5	4381	Certification of natural regen with site prep (2000tpa)	41
2119/28	0 – 1	4495	Manual site prep for natural regen – canopy gap cleaning	16
	0 – 1	4540	Control of understory vegetation (invasive species control) – any method except burning	16
	3	4341	3 rd year stocking survey	16
	5	4341	5 th year stocking survey	16
	5	4381	Certification of natural regen with site prep (2000tpa)	16
2119/29	1	4341	1 st year stocking survey	13
	3	4341	3 rd year stocking survey	13
	5	4382	Certification of natural regen without site prep (3000tpa)	13
2119/31	0 – 1	4495	Manual site prep for natural regen – canopy gap cleaning	104
	3	4341	3 rd year stocking survey	104
	5	4341	5 th year stocking survey	104
	5	4381	Certification of natural regen with site prep (2000tpa)	104
3068/11	1	4341	1 st year stocking survey	18
	3	4341	3 rd year stocking survey	18
	3	4382	Certification of natural regen without site prep (2000tpa mixed hardwoods in gaps)	18
3077/1	1	4341	1st year stocking survey	42
	3	4341	3rd year stocking survey	42
	3	4382	Certification of natural regen without site prep (2000tpa mixed hardwoods in gaps)	42
3077/8	1	4341	1st year stocking survey	5
	3	4341	3rd year stocking survey	5
	3	4382	Certification of natural regen without site prep (3000tpa)	5
3077/12	1	4341	1st year stocking survey	40
	3	4341	3rd year stocking survey	40

	3	4382	Certification of natural regen without site prep (3000tpa in clearcut patches)	40
2155/1	0 – 1	4495	Manual site prep for natural regen – canopy gap cleaning	24
	3	4341	3 rd year stocking survey	24
	5	4341	5 th year stocking survey	24
	5	4381	Certification of natural regen with site prep (2000tpa)	24
2155/3	0 – 1	4495	Manual site prep for natural regen – canopy gap cleaning	113
	3	4341	3 rd year stocking survey	113
	5	4341	5 th year stocking survey	113
	5	4381	Certification of natural regen with site prep (2000tpa)	113
2155/11	0 – 1	4495	Manual site prep for natural regen – canopy gap cleaning	8
	3	4341	3 rd year stocking survey	8
	5	4341	5 th year stocking survey	8
	5	4381	Certification of natural regen with site prep (2000tpa)	8
2155/13	0 – 1	4494	Manual site prep for natural regen – canopy gap cleaning	62
	3	4341	3 rd year stocking survey	62
	5	4341	5 th year stocking survey	62
	5	4381	Certification of natural regen with site prep (2000tpa)	62
2157/14	0 – 1	4495	Manual site prep for natural regen – canopy gap cleaning	61
	3	4341	3 rd year stocking survey	61
	5	4341	5 th year stocking survey	61
	5	4381	Certification of natural regen with site prep (2000tpa)	61
2157/19	0 – 1	4495	Manual site prep for natural regen – canopy gap cleaning	9
	3	4341	3 rd year stocking survey	9
	5	4341	5 th year stocking survey	9
	5	4381	Certification of natural regen with site prep (2000tpa)	9
2155/5	0 – 1	4495	Manual site prep for natural regen – canopy gap cleaning	2
	3	4341	3 rd year stocking survey	2

	5	4341	5th year stocking survey	2
	5	4381	Certification of natural regen with site prep (2000tpa)	2
2155/7	0 – 1	4495	Manual site prep for natural regen – canopy gap cleaning	9
	3	4341	3rd year stocking survey	9
	5	4341	5th year stocking survey	9
	5	4381	Certification of natural regen with site prep (2000tpa)	9
2157/1	0 – 1	4495	Manual site prep for natural regen – canopy gap cleaning	19
	3	4341	3rd year stocking survey	19
	5	4341	5th year stocking survey	19
	5	4381	Certification of natural regen with site prep (2000tpa)	19
2157/3	0 – 1	4495	Manual site prep for natural regen – canopy gap cleaning	37
	3	4341	3rd year stocking survey	37
	5	4341	5th year stocking survey	37
	5	4381	Certification of natural regen with site prep (2000tpa)	37
2157/9	0 – 1	4495	Manual site prep for natural regen – canopy gap cleaning	41
	3	4341	3rd year stocking survey	41
	5	4341	5th year stocking survey	41
	5	4381	Certification of natural regen with site prep (2000tpa)	41
2157/16	0 – 1	4495	Manual site prep for natural regen – canopy gap cleaning	15
	3	4341	3rd year stocking survey	15
	5	4341	5th year stocking survey	15
	5	4381	Certification of natural regen with site prep (2000tpa)	15
2157/17	0 – 1	4495	Manual site prep for natural regen – canopy gap cleaning	31
	3	4341	3rd year stocking survey	31
	5	4341	5th year stocking survey	31
	5	4381	Certification of natural regen with site prep (2000tpa)	31
2157/20	0 – 1	4495	Manual site prep for natural regen – canopy gap cleaning	23

	3	4341	3rd year stocking survey	23
	5	4341	5th year stocking survey	23
	5	4381	Certification of natural regen with site prep (2000tpa)	23
2157/25	0 – 1	4495	Manual site prep for natural regen – canopy gap cleaning	8
	3	4341	3rd year stocking survey	8
	5	4341	5th year stocking survey	8
	5	4381	Certification of natural regen with site prep (2000tpa)	8
2120/2	0 – 1	4495	Manual site prep for natural regen – canopy gap cleaning	57
	3	4341	3rd year stocking survey	57
	5	4341	5th year stocking survey	57
	5	4381	Certification of natural regen with site prep (2000tpa)	57
2120/3/1	0 – 1	4495	Manual site prep for natural regen – canopy gap cleaning	26
	3	4341	3rd year stocking survey	26
	5	4341	5th year stocking survey	26
	5	4381	Certification of natural regen with site prep (2000tpa)	26
2120/3/2	0 – 1	4495	Manual site prep for natural regen – canopy gap cleaning	14
	3	4341	3rd year stocking survey	14
	5	4341	5th year stocking survey	14
	5	4381	Certification of natural regen with site prep (2000tpa)	14
2120/4	0 – 2	4494	Mechanical site prep for natural regen	12
	3	4341	3rd year stocking survey	12
	5	4341	5th year stocking survey	12
	5	4381	Certification of natural regen with site prep (550tpa)	12
	10	4511	Tree release and weed	12
2120/6	0 – 1	4495	Manual site prep for natural regen – canopy gap cleaning	12
	3	4341	3rd year stocking survey	12
	5	4341	5th year stocking survey	12

	5	4381	Certification of natural regen with site prep (2000tpa)	12
2120/9	0 – 1	4495	Manual site prep for natural regen – canopy gap cleaning	148
	3	4341	3rd year stocking survey	148
	5	4341	5th year stocking survey	148
	5	4381	Certification of natural regen with site prep (2000tpa)	148
2120/12/1	0 – 1	4495	Manual site prep for natural regen – canopy gap cleaning	31
	3	4341	3rd year stocking survey	31
	5	4341	5th year stocking survey	31
	5	4381	Certification of natural regen with site prep (2000tpa)	31
2120/12/2	0 – 1	4495	Manual site prep for natural regen – canopy gap cleaning	2
	3	4341	3rd year stocking survey	2
	5	4341	5th year stocking survey	2
	5	4381	Certification of natural regen with site prep (2000tpa)	2
2120/30	0 – 1	4495	Manual site prep for natural regen – canopy gap cleaning	64
	3	4341	3rd year stocking survey	64
	5	4341	5th year stocking survey	64
	5	4381	Certification of natural regen with site prep (2000tpa)	64
2120/40	0 – 1	4495	Manual site prep for natural regen – canopy gap cleaning	15
	3	4341	3rd year stocking survey	15
	5	4341	5th year stocking survey	15
	5	4381	Certification of natural regen with site prep (2000tpa)	15

Lakewood/Laona Ranger District Reforestation Activities

Stand ID	Year	FACTS Code	Activity	Acres
4049 / 1	2020	4341	Stocking Survey	8
	2022	4341	Stocking Survey	8
4049 / 18	2024	4474	Site Preparation for Planting - Mechanical	9
	2025	4431	Plant Trees	9
	2026	4341	Stocking Survey	9
	2026	4342	Plantation Survival Survey	9
	2027	4511	Tree Release and Weed	9
	2028	4341	Stocking Survey	9
	2028	4342	Plantation Survival Survey	9
	4054 / 17	2021	4341	Stocking Survey
2023		4341	Stocking Survey	11
4058 / 16	2021	4341	Stocking Survey	21
	2023	4341	Stocking Survey	21
4058 / 18	2021	4341	Stocking Survey	41
	2023	4341	Stocking Survey	41
4058 / 28	2021	4341	Stocking Survey	8
	2023	4341	Stocking Survey	8
4069 / 10	2018	4494	Site Preparation for Natural Regeneration - Mechanical	11
	2021	4341	Stocking Survey	11
	2023	4341	Stocking Survey	11
4069 / 15	2026	4341	Stocking Survey	79
	2026	4493	Site Preparation for Natural Regeneration - Other	79
	2028	4341	Stocking Survey	79
4069 / 17	2018	4494	Site Preparation for Natural Regeneration - Mechanical	6

	2021	4341	Stocking Survey	6
	2023	4341	Stocking Survey	6
4069 / 18	2018	4494	Site Preparation for Natural Regeneration - Mechanical	16
	2021	4341	Stocking Survey	16
	2023	4341	Stocking Survey	16
4069 / 20	2021	4341	Stocking Survey	5
	2023	4341	Stocking Survey	5
4069 / 21	2018	4494	Site Preparation for Natural Regeneration - Mechanical	8
	2021	4341	Stocking Survey	8
	2023	4341	Stocking Survey	8
	2023	4511	Tree Release and Weed	8
4069 / 29	2026	4341	Stocking Survey	11
	2026	4493	Site Preparation for Natural Regeneration - Other	11
	2028	4341	Stocking Survey	11
	2026	4341	Stocking Survey	13
	2026	4493	Site Preparation for Natural Regeneration - Other	13
	2028	4341	Stocking Survey	13
4069 / 35	2027	4474	Site Preparation for Planting - Mechanical	5
	2027	4474	Site Preparation for Planting - Mechanical	5
	2028	4431	Plant Trees	5
	2029	4341	Stocking Survey	5
	2030	4511	Tree Release and Weed	5
	2031	4341	Stocking Survey	5
	2033	4511	Tree Release and Weed	5
4070 / 1	2021	4341	Stocking Survey	4
	2023	4341	Stocking Survey	4
4070 / 3	2018	4494	Site Preparation for Natural Regeneration - Mechanical	68
	2021	4341	Stocking Survey	68
	2023	4341	Stocking Survey	68
4070 / 5	2021	4341	Stocking Survey	9

	2023	4341	Stocking Survey	9
4070 / 8	2018	4494	Site Preparation for Natural Regeneration - Mechanical	25
	2021	4341	Stocking Survey	25
	2023	4341	Stocking Survey	25
4070 / 13	2018	4494	Site Preparation for Natural Regeneration - Mechanical	26
	2021	4341	Stocking Survey	26
	2023	4341	Stocking Survey	26
4072 / 7	2019	4494	Site Preparation for Natural Regeneration - Mechanical	28
	2021	4341	Stocking Survey	28
	2023	4341	Stocking Survey	28
4072 / 20	2021	4341	Stocking Survey	15
	2023	4341	Stocking Survey	15
4072 / 24	2021	4341	Stocking Survey	7
	2023	4341	Stocking Survey	7
4072 / 27	2019	4494	Site Preparation for Natural Regeneration - Mechanical	48
	2021	4341	Stocking Survey	48
	2023	4341	Stocking Survey	48
4072 / 37	2021	4341	Stocking Survey	19
	2023	4341	Stocking Survey	19
4072 / 50	2018	4493	Site Preparation for Natural Regeneration - Other	18
	2019	4341	Stocking Survey	18
	2021	4341	Stocking Survey	18
4072 / 52	2018	4494	Site Preparation for Natural Regeneration - Mechanical	6
	2021	4341	Stocking Survey	6
	2023	4341	Stocking Survey	6
4072 / 53	2019	4341	Stocking Survey	15
	2021	4341	Stocking Survey	15
4072 / 55	2024	4474	Site Preparation for Planting - Mechanical	7
	2025	4431	Plant Trees	7
	2026	4341	Stocking Survey	7

	2026	4342	Plantation Survival Survey	7
	2027	4511	Tree Release and Weed	7
	2028	4341	Stocking Survey	7
	2028	4342	Plantation Survival Survey	7
4072 / 57	2018	4493	Site Preparation for Natural Regeneration - Other	28
	2019	4341	Stocking Survey	28
	2021	4341	Stocking Survey	28
4073 / 31	2027	4474	Site Preparation for Planting - Mechanical	9
	2027	4474	Site Preparation for Planting - Mechanical	9
	2028	4431	Plant Trees	9
	2029	4341	Stocking Survey	9
	2030	4511	Tree Release and Weed	9
	2031	4341	Stocking Survey	9
	2033	4511	Tree Release and Weed	9
4090 / 2	2022	4511	Tree Release and Weed	7
	2022	4511	Tree Release and Weed	8
4090 / 4	2020	4493	Site Preparation for Natural Regeneration - Other	24
	2021	4341	Stocking Survey	24
	2023	4341	Stocking Survey	24
4090 / 12	2022	4474	Site Preparation for Planting - Mechanical	3
	2023	4431	Plant Trees	3
	2024	4341	Stocking Survey	3
	2024	4342	Plantation Survival Survey	3
	2025	4511	Tree Release and Weed	3
	2026	4341	Stocking Survey	3
	2026	4342	Plantation Survival Survey	3
4090 / 12	2022	4474	Site Preparation for Planting - Mechanical	29
	2023	4431	Plant Trees	29
	2024	4341	Stocking Survey	29
	2024	4342	Plantation Survival Survey	29

	2025	4511	Tree Release and Weed	29
	2026	4341	Stocking Survey	29
	2026	4342	Plantation Survival Survey	29
4090 / 24	2018	4493	Site Preparation for Natural Regeneration - Other	32
	2019	4341	Stocking Survey	32
	2021	4341	Stocking Survey	32
4090 / 35	2022	4474	Site Preparation for Planting - Mechanical	13
	2023	4431	Plant Trees	13
	2024	4341	Stocking Survey	13
	2024	4342	Plantation Survival Survey	13
	2025	4511	Tree Release and Weed	13
	2026	4341	Stocking Survey	13
	2026	4342	Plantation Survival Survey	13
4090 / 44	2018	4494	Site Preparation for Natural Regeneration - Mechanical	22
	2021	4341	Stocking Survey	22
	2023	4341	Stocking Survey	22
	2018	4494	Site Preparation for Natural Regeneration - Mechanical	25
	2021	4341	Stocking Survey	25
	2023	4341	Stocking Survey	25
4090 / 44	2018	4494	Site Preparation for Natural Regeneration - Mechanical	71
	2021	4341	Stocking Survey	71
	2023	4341	Stocking Survey	71
4090 / 46	2022	4474	Site Preparation for Planting - Mechanical	4
	2023	4431	Plant Trees	4
	2024	4341	Stocking Survey	4
	2024	4342	Plantation Survival Survey	4
	2025	4511	Tree Release and Weed	4
	2026	4341	Stocking Survey	4
	2026	4342	Plantation Survival Survey	4
4090 / 46	2022	4474	Site Preparation for Planting - Mechanical	6

	2023	4431	Plant Trees	6
	2024	4341	Stocking Survey	6
	2024	4342	Plantation Survival Survey	6
	2025	4511	Tree Release and Weed	6
	2026	4341	Stocking Survey	6
	2026	4342	Plantation Survival Survey	6
4090 / 48	2022	4474	Site Preparation for Planting - Mechanical	4
	2023	4431	Plant Trees	4
	2024	4341	Stocking Survey	4
	2024	4342	Plantation Survival Survey	4
	2025	4511	Tree Release and Weed	4
	2026	4341	Stocking Survey	4
	2026	4342	Plantation Survival Survey	4
4090 / 71	2018	4540	Control of Understory Vegetation	11
	2019	4341	Stocking Survey	11
	2021	4341	Stocking Survey	11
	2021	4342	Plantation Survival Survey	11

Yellow = GNA- West TWIN LAKE

Green = GNA-EAST TWIN LAKE

Washburn Ranger District Reforestation Activities				
Stand ID	Year	FACTS Code	Activity	Acres
184/11 184/8 184/6 184/8	1	4474	Mechanical site prep. Roller chop and disc trench – for planting and natural regeneration.	28
	1	4431	Planting – mixed pines – minimum of 778 tpa – 70% red pine 30% white pine seedlings/acre	28
	1	4460	Seedling protection, deer repellent, spray annually for 5 years after planting for white pine	28
	2	4341,4342	Plantation survival and stocking survey 1 st and 3 rd year	28
	2	4460	Seedling protection, deer repellent, spray annually for 5 years after planting for white pine	28
	3	4511	Hand release	28
	3	4460	Seedling protection, deer repellent, spray annually for 5 years after planting for white pine	28
	4	4341,4342	Plantation survival and stocking survey 1 st and 3 rd year	28
	4	4460	Seedling protection, deer repellent, spray annually for 5 years after planting for white pine	28
	5	4511	Hand release	28
	5	4460	Seedling protection, deer repellent, spray annually for 5 years after planting for white pine	28
203/39	1	4474	Mechanical site prep. Roller chop and Disc trench	33
	1	4431	Planting Red Pine – open - 680 red pine seedlings per acre	33
	2	4341 and 4342	Stocking and survival survey 1 st and 3 rd year.	33
	3	4511	Hand Release	33
	4	4341 and 4342	Stocking and survival survey 1 st and 3 rd year.	33
	5	4511	Hand Release	33

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184/17 184/22	1	4494	Mechanical site prep. – Salmon Blade -184-17a for planting and natural regeneration	19
	1	4431	Planting – 184-17a – minimum of 1,000 tpa white pine seedlings	19
	1	4460	Seedling protection, deer repellent, spray annually for 5 years after planting for white pine	19
	2	4341, 4342	Plantation survival and stocking survey 1 st and 3 rd year	19
	2	4460	Seedling protection, deer repellent, spray annually for 5 years after planting for white pine	19
	3	4511	Hand release	19
	3	4460	Seedling protection, deer repellent, spray annually for 5 years after planting for white pine	19
	4	4341, 4342	Plantation survival and stocking survey 1 st and 3 rd year	19
	4	4460	Seedling protection, deer repellent, spray annually for 5 years after planting for white pine	19
	5	4460	Seedling protection, deer repellent, spray annually for 5 years after planting for white pine	19
	5	4511	Hand release	19
183/30	1	4474	Mechanical site prep. – Bracke – 183-30 for planting and natural regeneration	12
	1	4431	Planting – 183-30 – underplanting at a minimum of 435 tpa white pine seedlings	12
	1	4460	Seedling protection, deer repellent, spray annually for 5 years after planting for white pine	12
	2	4341, 4342	Plantation survival and stocking survey 1 st and 3 rd year	12
	2	4460	Seedling protection, deer repellent, spray annually for 5 years after planting for white pine	12
	3	4511	Hand release	12
	3	4460	Seedling protection, deer repellent, spray annually for 5 years after planting for white pine	12
	4	4341, 4342	Plantation survival and stocking survey 1 st and 3 rd year	12

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	4	4460	Seedling protection, deer repellent, spray annually for 5 years after planting for white pine	12
	5	4460	Seedling protection, deer repellent, spray annually for 5 years after planting for white pine	12
	5	4511	Hand release	12
183/29 183/19	1	4341	1st year survey stocking survey	17
	3	4341	3rd year survey stocking survey (600 stems per acre minimum)	17
184/5	1	4341	1st year survey stocking survey	27
	3	4341	3rd year survey stocking survey (600 stems per acre minimum)	27
184/36 184/41 184/4	1	4341	1st year survey stocking survey	20
	3	4341	3rd year survey stocking survey (600 stems per acre minimum)	20
203/30	1	4474	Mechanical site prep. Roller chop and Disc trench	13
	1	4431	Planting Jack Pine – open - 778 seedlings per acre	13
	2	4341, 4342	Plantation survival and stocking survey 1 st and 3 rd year	13
	3	4511	Hand Release	13
	4	4341, 4342	Plantation survival and stocking survey 1 st and 3 rd year	13
	5	4511	Hand Release	13
184/17b 184/12	1	4475	Site prep. manual – hand scalp	11
	1	4431	Planting – underplanting at a minimum of 435 tpa white pine seedlings	11
	1	4460	Seedling protection, deer repellent, spray annually for 5 years after planting for white pine	11
	2	4341, 4342	Plantation survival and stocking survey 1 st and 3 rd year	11

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	2	4460	Seedling protection, deer repellent, spray annually for 5 years after planting for white pine	11
	3	4511	Hand release	11
	3	4460	Seedling protection, deer repellent, spray annually for 5 years after planting for white pine	11
	4	4341, 4342	Plantation survival and stocking survey 1 st and 3 rd year	11
	4	4460	Seedling protection, deer repellent, spray annually for 5 years after planting for white pine	11
	5	4511	Hand release	11
	5	4460	Seedling protection, deer repellent, spray annually for 5 years after planting for white pine	11
185/45	1	4474	Mechanical site prep. – Roller chop and Disk trench	11
	1	4431	Red Pine planting – open at 680 seedlings/ac	11
	1	4341,4342	Plantation Stocking Survey at yr 1 & 3	11
184/4 184/29 184/3 184/3	3	4511	TSI release – area release to free pine from competing species.	22
	3	4341,4342	Plantation Stocking Survey at yr 1 & 3	22
	0	4493	Site Prep. for natural regeneration-Other	22
	1	4341	1 st year Stocking survey 4,000 stems/ac	22
	3	4341	3 rd year Stocking survey	22
184/34 184/18 184/3 184/18	0	4493	Site Prep. for natural regeneration-Other	64
	1	4341	1 st year Stocking survey 4,000 stems/ac	64
	3	4341	3 rd year Stocking survey	64
185/3	0	4493	Site Prep. for natural regeneration-Other	7
	1	4341	1 st year Stocking survey 4,000 stems/ac	7

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	3	4341	3 rd year Stocking survey	7
185/30 185/4	0	4493	Site Prep. for natural regeneration-Other	85
	1	4341	1 st year Stocking survey 4,000 stems/ac	85
	3	4341	3 rd year Stocking survey	85
185/22	0	4493	Site Prep. for natural regeneration-Other	12
	1	4341	1 st year Stocking survey 4,000 stems/ac	12
	3	4341	3 rd year Stocking survey	12
185/28 185/46 185/37	0	4493	Site Prep. for natural regeneration-Other	21
	1	4341	1 st year Stocking survey 4,000 stems/ac	21
	3	4341	3 rd year Stocking survey	21
203/38	0	4493	Site Prep. for natural regeneration-Other	7
	1	4341	1 st year Stocking survey 4,000 stems/ac	7
	3	4341	3 rd year Stocking survey	7