

NOTICE OF SALE

Department of Natural Resources & Conservation Timber Sale

The Pearson Patches Timber Sale is located within Sections 3, 4, 9-13 & 15 of T14N-R13W; and Section 7 of T14N-R12W, on the State's Clearwater Unit. Approximately 17,052 tons, consisting primarily of Douglas-fir sawlogs, are offered for sale.

Sealed bids will be opened at the Department of Natural Resources & Conservation, 2705 Spurgin Road, Missoula, Montana on **July 6, 2021 at 2:00 p.m.** Bids may be hand delivered or mailed and will be accepted any time prior to the bid opening. DNRC recommends that bidders contact the Trust Land Management Division (406-542-4300) prior to the bid opening to ensure that your bid has been received. **Bids must be accompanied by a deposit of \$13,335.00**, representing 5% of the minimum bid value of the sale in cashier's check, certified check, bank money order or bank draft to be applied to the first sale invoice for the successful bidder. Bid bonds will be accepted and, for the successful bidder, will be closed upon execution of the Timber Sale Contract and Timber Sale Bond.

The sale will be awarded to the highest responsible bidder. If the successful bidder is unable to execute the contract within **30** calendar days from the date the sale is awarded, the bid deposit will be retained by the Department as liquidated damages. The right is reserved to reject any or all bids.

Prospective bidders can obtain the sale prospectus, sale contract and bid forms from the Department of Natural Resources & Conservation, Trust Land Management Division, in Missoula (406-542-4300).

Visit our website at <http://dnrc.mt.gov/divisions/trust/forest-management/timber-sale-information> for upcoming sales and bid results.

TIMBER SALE PROSPECTUS
STATE OF MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

Timber Sale Name: Pearson Patches			
Timber Sale Location: 7 miles east of Clearwater Junction			
For specific sale information, contact: Melissa Laskos			
Phone	406-244-2385	Melissa.Laskos@mt.gov	Clearwater Unit Office
For copies of the Timber Sale Contract and bid forms, contact:			
Phone	406-542-4300	Forest Management Bureau	DNRC Missoula Office
Phone	406-542-4200	Southwestern Land Office	Missoula Office

General Bidding Information

1. Bids must be submitted on Department of Natural Resources & Conservation (State) bid forms.
2. Timber will be sold to the highest responsible bidder; however, the State reserves the right to reject any or all bids.
3. The State recommends that bidders contact the Forest Management Bureau, Trust Land Management Division (406-542-4300) prior to the bid opening to ensure that your bid has been received.
4. A **Bid Deposit** must accompany all bids and must be in the form of cash, cashiers check, certified check, money order, bank draft, surety bond or irrevocable letter of credit.
5. The Purchaser must submit a **Performance Bond** to the State within 30 days of notification of sale award. The bond amount will be, at a minimum, 20% of the total bid value of the sale. The performance bond may be cash, irrevocable letter of credit, surety bond or certificate of deposit. The performance bond must be maintained separately from other payments for the duration of the Timber Sale Contract. See the Timber Sale Contract for additional information.
6. The purchaser must submit an **Advance Stumpage Payment** prior to cutting any timber. The amount of the advance stumpage payment will cover six weeks of harvesting and be based on the expected harvest rate and the bid value of the stumpage. The advance stumpage payment may be cash, irrevocable letter of credit, payment bond or certificate of deposit.
7. At rates specified in the Contract, the purchaser will pay **Forest Improvement Fees** on all sawlog volume. All applicable **Road Use and/or Maintenance fees** will also be paid by the Purchaser in addition to stumpage payments.
8. This sale is being sold based on the gross weight of all species. Minimum price and bid price are on a per ton basis. Unless otherwise specified, the price applies to all species, green and dead. Price may vary by product. Billing will be based on gross weight. A weight ticket from a certified scale is required for each load hauled, regardless of product type.
9. The State has estimated the net scale merchantable sawlog volume to be sold under this Contract. Other products may be part of this sale. All delivered wood will be weighed and billed at per ton bid rates. The State recognizes that a percentage of delivered wood may not meet the log manufacturing and recovery standards of the Timber Sale Contract. The actual percentage will vary based on the log manufacturing and recovery specifications of the purchaser and tree conditions in the sale area. The actual delivered weight may vary, resulting in an overrun or under-run of the estimated tonnage. The State strongly recommends that bidders evaluate these effects before bidding.
10. The State does not conduct detailed road appraisals. All appraised costs are gross estimates or averages, provided only to show the relative amount of work required, and not the true market value. The State strongly recommends that bidders make their own estimates based on Contract requirements. Cost estimates provided are not guaranteed.
11. Bidders are encouraged to examine the complete Timber Sale Package and Sale Area prior to bidding. Additional information is available at the phone numbers shown above.
12. Estimates for sale volume, species percents, defect, product class, etc. provided in this prospectus and volume estimates listed in the Timber Sale Contract are not guaranteed.
13. This prospectus is provided for information purposes only. If the prospectus is in error or contradicts the Timber Sale Contract, the Contract governs.

Additional Sale Information:**1. ROAD BUILDING AND MAINTENANCE – KEY POINTS**

- **THIS PACKAGE INCLUDES ROAD BUILDING.** An estimated 1-2 miles of temporary spur roads may need to be constructed in addition to 1.7 miles of new permanent road construction. *Please note, some road maintenance and new construction have a completion date of **October 15, 2021**.*
 - Road work includes installation of **three** new CMPs.
 - Road work includes installation of **four** new round pipe gates.
 - There may be fill material within the newly constructed roads and/or at borrow sites adjacent to DNRC roads that may be used by the Purchaser for pit run.
 - **Blackfoot Telephone Coop. Inc. has an easement for a buried telephone line in T14N R12W Sec 7. It is the responsibility of the purchaser to contact Blackfoot to have them mark the location of the buried line before beginning any excavation in this area.**
- **DUST ABATEMENT:** The Purchaser is required to apply dust abatement on 0.69 miles of road. One application of dust abatement shall be applied prior to summer hauling. Magnesium Chloride shall be used for dust abatement.
- **WEED SPRAYING:** The Purchaser shall be responsible for weed spraying on approximately **18.6 miles** of road.
- **GRASS SEEDING:** The Purchaser is required to supply up to **368 pounds** of grass seed.
- **GRID ROLLING ROAD PRISMS:** Grid rolling the road prism is required on River Junction Road.
- **ROAD SEASON CLOSURE:** No road maintenance or construction will occur from October 15 - June 15. Given the usual break-up conditions, July 1 is a normal beginning time. Exceptions may be allowed depending on conditions and approval of the Forest Officer.

2. LOGGING OPERATIONS – KEY POINTS

TABLE 3. HARVEST COMPLETION SCHEDULE		
Priority	Unit or Portion of Sale	Completion Date
1	1101, 1102, 1103, 1104, 1112, 1202, 1203, 301, 701 (~8550 tons)	October 15, 2022
2	1002, 1011, 302 (~8502 tons)	March 1, 2024

- This timber sale consists of 12 harvest units. The entire sale is tractor ground with **portions of the sale containing steeper slopes of 45-55%. Most of these steeper slopes can easily be skid straight downhill, however there may be a need for some excavated skid trails in certain spots.**
- **OPERATING PERIOD:** June 16 – March 1. Closures are for anticipated spring break-up conditions and Grizzly bear closure (April 1 – June 15). No harvesting, hauling, road work, slash work, etc. will be allowed outside of the operating period unless authorized by the Forest Officer.
- **MARKING SCHEMES:** There are **three different marking schemes** used on this timber sale. **Four units are marked BLUE to LEAVE only. Seven units use a two-color scheme (marked PURPLE to CUT on western larch and ponderosa pine; marked YELLOW to LEAVE on all other species). One unit is sample marked, marked PURPLE to CUT on all species.** These marking schemes are all represented in the contract in section VII.F. UNIT DESIGNATIONS. **The following requirements are necessary for the sample-marked unit:**
 - **If the Forest Officer determines that the desired prescription is not being met, the Forest Officer, Contractor and operator will be required to do a walk-through of the entire unit to explain what is required.**
 - **If the Contractor continues to be unable to meet the harvest prescription requirements, the Forest Officer may require the Purchaser to sample mark an additional portion of the unit. All paint for this project will be supplied by the Purchaser. No further harvest will be allowed until the sample area is accepted by the Forest Officer.**

- If the Contractor continues to be unable to meet the harvest prescription requirements, the Forest Officer may require the Purchaser to mark the entire unit. All paint for this project will be supplied by the Purchaser. No further harvest will be allowed until the unit is accepted by the Forest Officer.
- A description of the unit prescription can be found in contract section VII.F. UNIT DESIGNATIONS.
- **REMOVAL OF NON-SAWLOG (“OTHER”) MATERIAL:** In Units 302 and 1002, the Purchaser is required to cut pulp. In all other units, the Purchaser may elect to remove pulp.
- **STREAMSIDE MANAGEMENT ZONES:** One harvest unit contains a Class 3 stream.
- **PURCHASER SLASHING OF LOGGING DAMAGED TREES REQUIRED:** Purchaser shall fell all sub-merchantable trees with logging-related root or stem damage, causing lean. The stem shall be completely severed from the stump below the lowest live limb. Maximum stump height shall be 12 inches on the uphill side.
- **PURCHASER LOPPING REQUIRED:** Purchaser shall buck and de-limb all logging slash as required to reduce main stems to within 12 inches of the ground from bottom side and reduce total slash depth, including branches, to within 18 inches of the ground.

*Bidders interested in accessing the sale area may contact Melissa Laskos at 406-244-2385 for gate access.

Timber Sale Information Sheet
Montana Department of Natural Resources and Conservation

Pearson Patches											
Timber Sale Cruise Data (Scribner 5.6" top DIB, Filter: All All All)											
SPECIES	PP	DF	WL	LP	ES	GF	RC	AF	WP	Dead	TOTAL or AVE
Minimum Bid per ton											\$15.64
Pounds per cubic foot	62.0	61.7	58.3	56.0	57.0					40.0	
Estimated tons of sawlogs	445	14198	1862	466	82					0	17,052 tons
Estimated tons of non-sawlog material	2	392	61	17	6					0	477 tons
Gross MBF	62	1707	275	67	10					0	2,120 MBF
% Cull and Breakage	2.0	9.0	11.0	8.0	7.0					0.0	9.0%
Net MBF	60	1552	246	61	9					0	1,928 MBF
Average logs per MBF	15.8	32.1	30.3	32.3	46.5					0.0	31.5 logs/MBF
Average DBH	15.6	10.8	10.4	9.8	8.9					0.0	10.8 in.
Average tons to cut per acre	→										22 tons/ac
Average MBF to cut per acre	→										2.5 MBF/ac
Total Average TPA Cut	→										70
Calculated Sampling Error: Total cruised volume will fall between	1,700 and 2,157 Net MBF in 9 out of 10 cruises										11.9%
Tons Per Thousand Board Feet											
Conversion Factor - Estimated tons hauled per thousand Scribner board feet	17,052 estimated tons / 1,928 Net MBF										8.84 tons/MBF

Contract Information	
Contract Termination Date:	10/15/2024
Operating Period:	ROADS: June 16 - October 15 HARVEST: June 16 - March 1

Timber Sale Information Sheet
Montana Department of Natural Resources and Conservation

Logging Information	
% of volume logged by clearcut or seed tree cut	00%
% of volume logged with tractors	100%
% of volume logged by skyline	00%
% of volume logged by other system (specify)	00%
Yarding distance tractor (average)	550 ft.
Yarding distance skyline (average)	0 ft.
Yarding distance other system (specify)	0 ft.
Estimated haul distance (paved)	21.5 miles
Estimated haul distance (unpaved)	6.0 miles

Purchaser fees and estimated costs	
Forest Improvement fee per MBF	\$24.25/MBF
Forest Improvement fee per ton	\$2.74/ton
Forest Improvement fee estimated total	\$46,754.00
Forest Improvement fee quarterly installment	\$7,792.33
Estimated Purchaser-do FI total \$	\$17,982
Estimated Purchaser-do FI per ton	\$1.05/ton
Estimated Purchaser-do slash disposal work total	\$0.00
Estimated Purchaser-do slash disposal work per ton	\$0.00/ton

Road development and maintenance fees and estimates	
Estimated road development cost total	\$135,260
Estimated road development cost per ton	\$7.93/ton
Estimated road development cost perMBF	\$70.15/MBF
Estimated Purchaser-do road maintenance cost total	\$2,400
Estimated Purchaser-do road maintenance cost per ton	\$0.14/ton
Private road maintenance charges per ton	\$0.00/ton
USFS road maintenance charges per ton	\$0.00/ton
Miles of road construction	1.7 miles
Miles of road reconstruction	0.1 miles
Miles of road with site improvements	13.6 miles
Miles of road reclamation or abandonment	0.4 miles
Miles of road maintenance and blading	18.1 miles

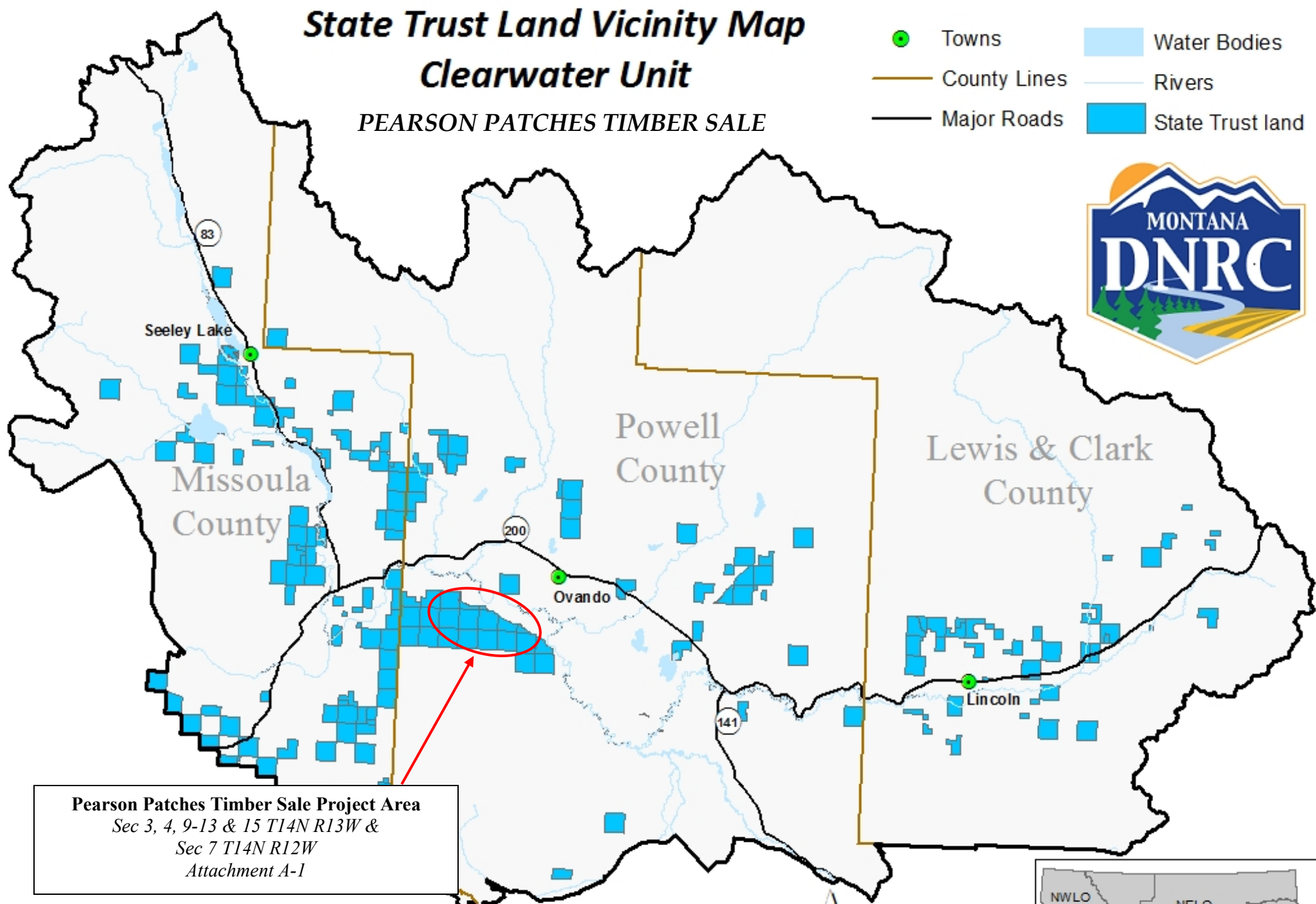
Unit harvest volume				
Unit #	Acres	Est Tons	Est MBF	Harvest Deadline
301	35.51	1293	146	October 15, 2022
302	164.93	1730	196	March 1, 2024
701	24.00	287	32	October 15, 2021
1002	212.42	4113	465	March 1, 2024
1011	29.15	1366	154	March 1, 2024
1101	36.88	879	99	October 15, 2022
1102	71.87	1994	226	October 15, 2022
1103	29.96	584	66	October 15, 2022
1104	2.85	101	11	October 15, 2022
1112	114.37	3055	345	October 15, 2021
1202	14.82	354	40	October 15, 2022
1203	44.34	1296	147	October 15, 2022
	781 Ac.	17,052 tons	1,928 MBF	

State Trust Land Vicinity Map

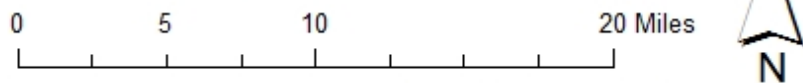
Clearwater Unit

PEARSON PATCHES TIMBER SALE

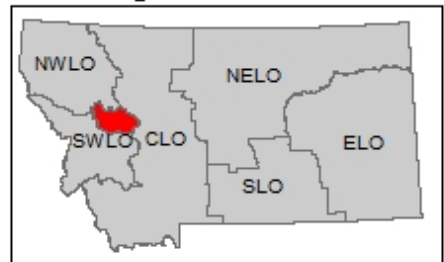
- Towns
- County Lines
- Major Roads
- Water Bodies
- Rivers
- State Trust land



Pearson Patches Timber Sale Project Area
Sec 3, 4, 9-13 & 15 T14N R13W &
Sec 7 T14N R12W
Attachment A-1



Produced by Montana Department of Natural Resources and Conservation 11/1/2019
Datum: NAD 1983 StatePlane

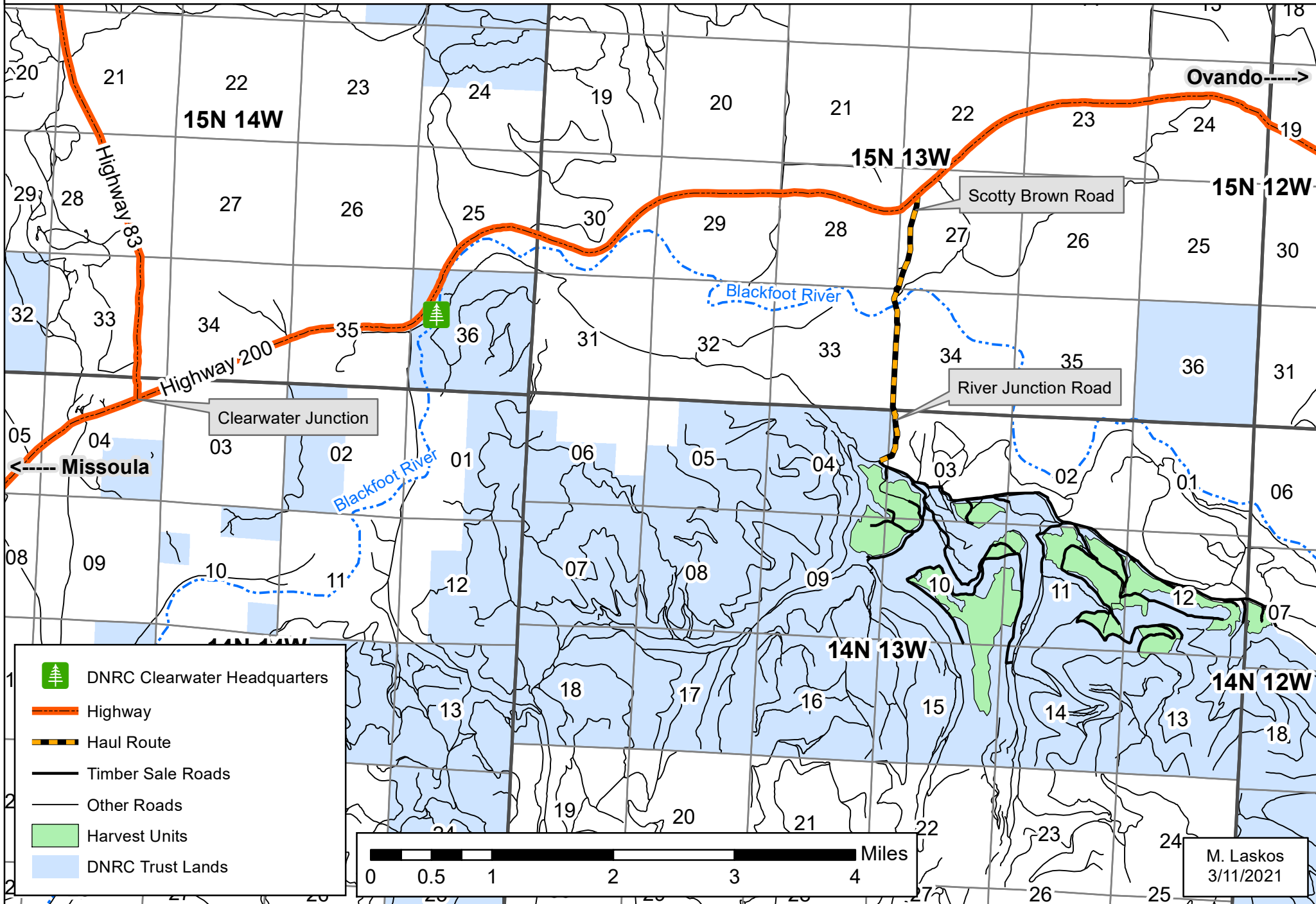
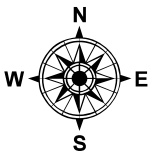


Pearson Patches Timber Sale Haul Route Map

Clearwater State Forest

Sec 3, 4, 9-13, 15 T14N R13W & Sec 7 T14N R12W

Attachment A-2



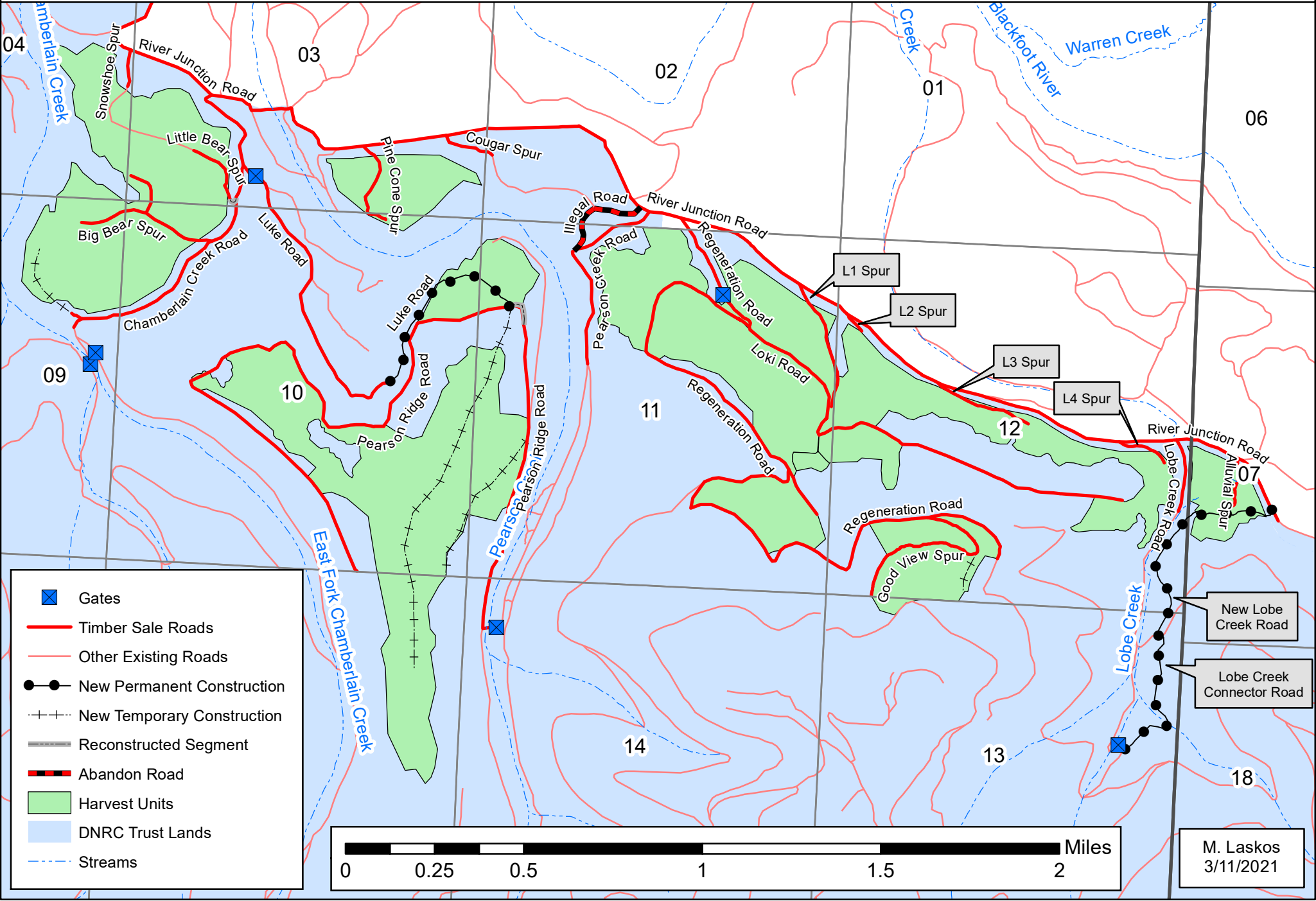
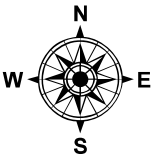
M. Laskos
3/11/2021

Pearson Patches Timber Sale Roads Map

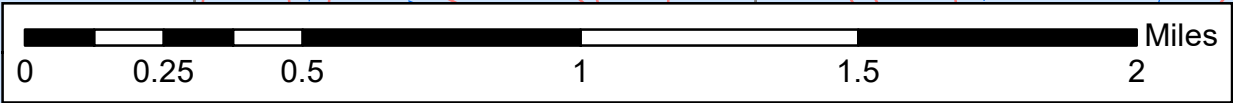
Clearwater State Forest

Sec 3, 4, 9-13, 15 T14N R13W & Sec 7 T14N R12W

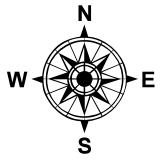
Attachment A-3



- Blue square with 'X' symbol: Gates
- Thick red line: Timber Sale Roads
- Thin red line: Other Existing Roads
- Black line with dots: New Permanent Construction
- Dashed line with crosses: New Temporary Construction
- Grey line with dashes: Reconstructed Segment
- Black line with red and white stripes: Abandon Road
- Green shaded area: Harvest Units
- Blue shaded area: DNRC Trust Lands
- Blue dashed line: Streams



M. Laskos
3/11/2021

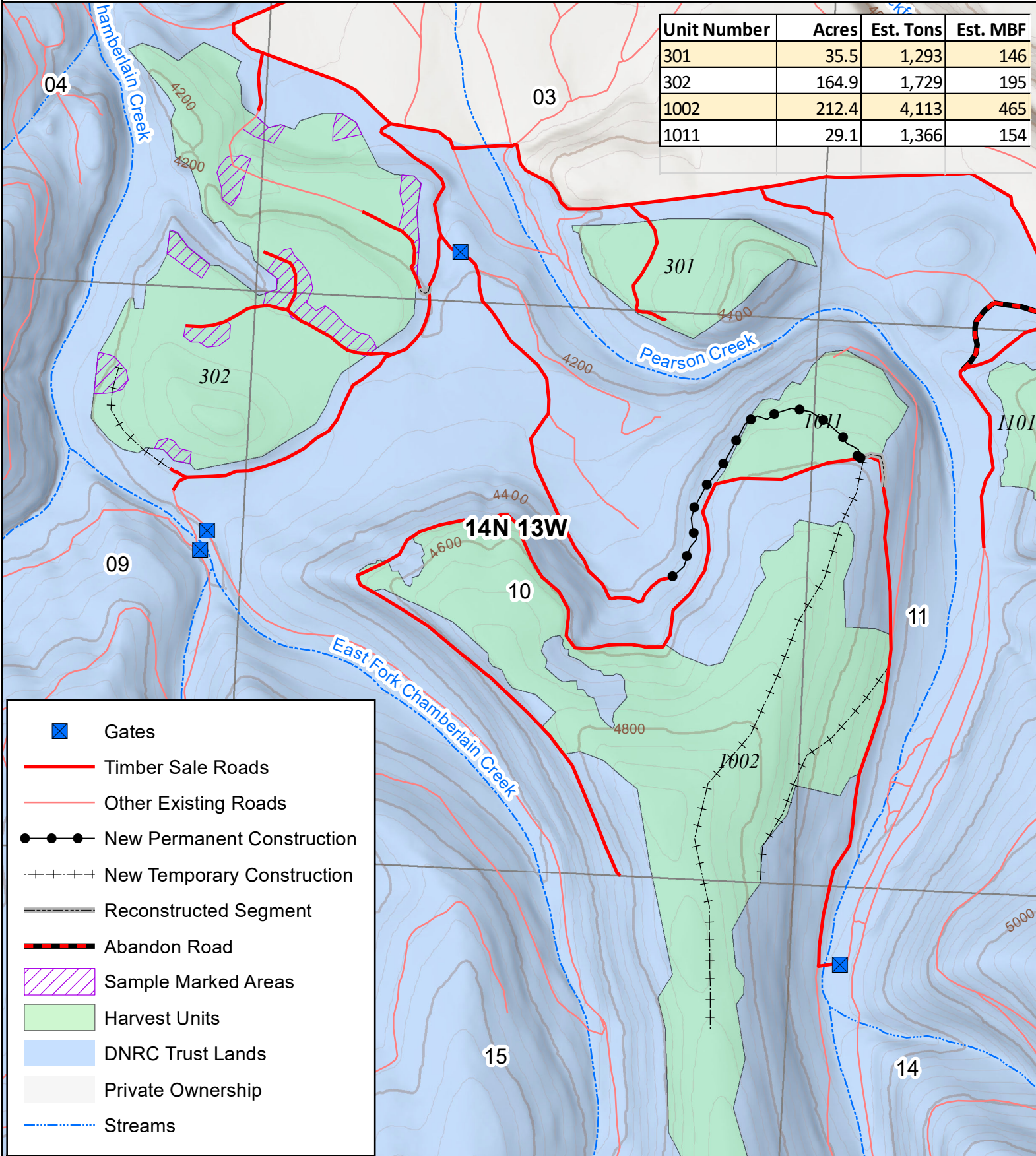














Pearson Patches Timber Sale Map - West Half

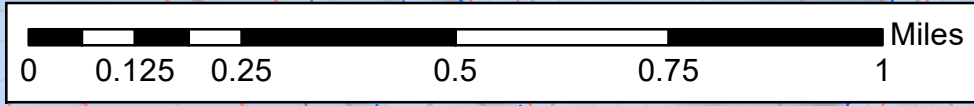
Clearwater State Forest
 Sec 3, 4, 9-13, 15 T14N R13W & Sec 7 T14N R12W
 Attachment A-4



Unit Number	Acres	Est. Tons	Est. MBF
301	35.5	1,293	146
302	164.9	1,729	195
1002	212.4	4,113	465
1011	29.1	1,366	154



-  Gates
-  Timber Sale Roads
-  Other Existing Roads
-  New Permanent Construction
-  New Temporary Construction
-  Reconstructed Segment
-  Abandon Road
-  Sample Marked Areas
-  Harvest Units
-  DNRC Trust Lands
-  Private Ownership
-  Streams



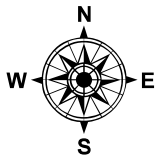
M. Laskos
 3/11/2021

Pearson Patches Timber Sale Map - East Half

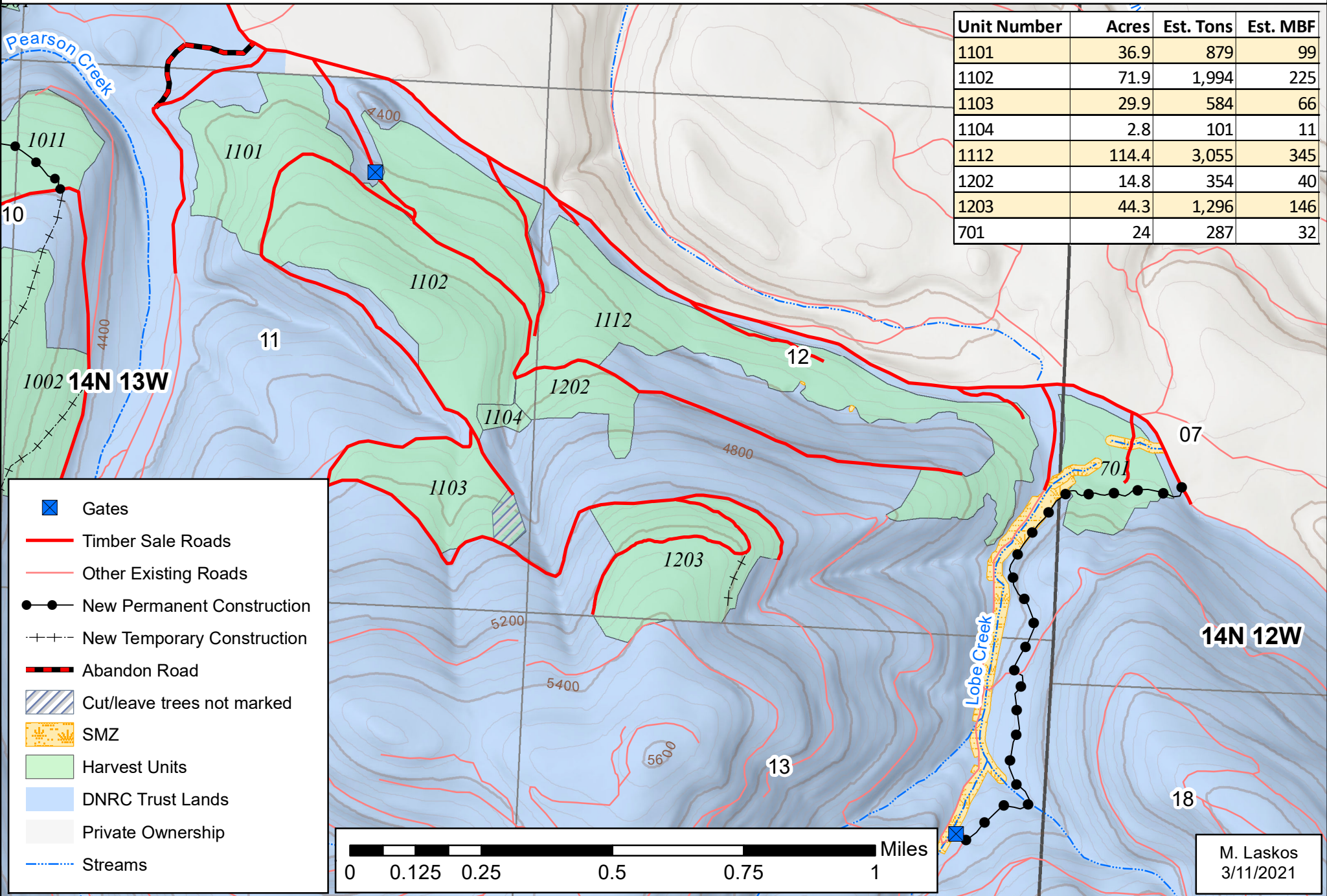
Clearwater State Forest

Sec 3, 4, 9-13, 15 T14N R13W & Sec 7 T14N R12W

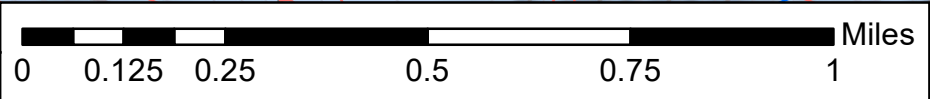
Attachment A-5



Unit Number	Acres	Est. Tons	Est. MBF
1101	36.9	879	99
1102	71.9	1,994	225
1103	29.9	584	66
1104	2.8	101	11
1112	114.4	3,055	345
1202	14.8	354	40
1203	44.3	1,296	146
701	24	287	32



- Gates
- Timber Sale Roads
- Other Existing Roads
- New Permanent Construction
- New Temporary Construction
- Abandon Road
- Cut/leave trees not marked
- SMZ
- Harvest Units
- DNRC Trust Lands
- Private Ownership
- Streams



M. Laskos
3/11/2021