

NOTICE OF SALE

Department of Natural Resources & Conservation Timber Sale

The Bend Timber Sale is located within Section 18, T25N-R26W and Section 24, T25N-R27W, on the State's Plains Unit. Approximately 5,865 tons, consisting of mixed conifer sawlogs, are offered for sale.

Sealed bids will be opened at the Department of Natural Resources & Conservation, 2705 Spurgin Road, Missoula, Montana on **October 10, 2018 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 **\$4,859.00**, 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. **Award of the timber sale is conditional upon approval of the timber sale by the State Board of Land Commissioners at their September 17, 2018 meeting.** 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), the Northwestern Land Office in Kalispell (406-751-2257), or the Plains Unit Office in Plains, MT (406-826-4723).

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: Bend Timber Sale			
For specific sale information, contact: Ty Colombo			
Phone	406-826-4723	Plains	Unit Office
For copies of the Timber Sale Contract and bid forms, contact:			
Phone	406-542-4300	Forest Management Bureau	DNRC Missoula Office
Phone	406-751-2240	Northwest	Land 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:

Sale is located behind locked gate. Contact the Plains Unit to check out a key. Phone: 406-826-4723 or 406-826-4720.

1. NUTRIENT RECYCLING REQUIREMENT: Purchaser is required to leave material in the unit for recycling of forest nutrients. At the same time, logging slash loading shall be kept to a minimum by skidding and piling some slash at the landings.
 - a. Purchaser is required to leave most logging slash *foliage* scattered on the forest floor. The Forest Officer may require lopping and scattering of limbs, severing tops before skidding, returning tops to the woods, or other methods to achieve this requirement.
 - b. Purchaser is required to leave 8-24 tons of material 3 inches in diameter or larger to meet DOWN, WOODY MATERIAL requirements in paragraph IV.C-3. The Forest Officer may require the bucking of cull material in the woods, leaving dead, down sawlogs, or other methods.
 - c. Purchaser is required to reduce slash loading above the amounts required to meet 3a and 3b above. The Forest Officer may require whole-tree skidding (top and limbs attached, bucking permitted) of some material to meet this requirement.
 - d. The Forest Officer and Purchaser will agree to amounts of material and the bucking, lopping, and skidding methods to meet these requirements prior to felling and skidding in the unit.
2. SLASHING OF LOGGING-DAMAGED TREES REQUIRED: The Purchaser shall fell all submerchantable 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.
3. SKID TRAIL SPACING: Skid trails shall be spaced not less than **50 feet** apart between trails except at common landings.
4. SKYLINE YARDING REQUIREMENTS: A skyline yarding system capable of yarding 1,600-2,000 feet external yarding distance uphill must be used. A carriage capable of 50 feet minimum lateral yarding distance is required. The carriage must maintain a fixed position on the skyline while lateral yarding.
 - a. Skyline corridors shall be spaced not less than 75 feet apart unless approved by the Forest Officer. In the case of ridges where fan-shaped settings are required, the minimum distance at the widest divergence will be 150 feet.
 - b. The location of all skyline corridors shall be approved by the Forest Officer in advance of any felling operations.
 - c. Purchaser will be required to locate the following prior to approval by the Forest Officer:
 - i. all corridors after determining adequate deflection (minimum 5%)
 - ii. tail trees or tail holds
 - iii. intermediate support tree
 - iv. guyline anchors
 - v. blind leads
 - vi. decking areas
 - d. Clearing width for corridors must be kept to the absolute minimum necessary to accommodate yarding and shall not exceed 12 feet.
 - e. Except for lateral yarding, logs shall be yarded with one end suspended or fully suspended.
 - f. Multispan skyline yarding required: To obtain adequate deflection, intermediate supports may be required on some corridors.
 - g. High tail trees required: Tail trees or lift trees suitable to obtain adequate deflection may be required.
 - h. When rigging is attached to trees not designated for cutting, tree plates or similar effective protective devices may be required and will be removed at completion of use.
 - i. Mobile tailholds or mobile guyline anchors are restricted to areas where it is not necessary to build constructed trails for equipment access unless agreed upon in writing by the Forest Officer.
 - j. In the event that special problems outside the scope of the skyline logging specifications are identified by either party, the Purchaser and the Forest Officer will mutually agree upon the solution.

5. **TEMPORARY SPUR ROAD CONSTRUCTION:** Purchaser is permitted to construct temporary spur roads for access to this unit. The Forest Officer will designate the location of the road. The road must be constructed and reclaimed to specifications in Attachment B.
6. **STREAMSIDE MANAGEMENT ZONE:** Equipment is prohibited from operating in areas designated as streamside management zones. All trees designated for harvest within such zones shall be winchline skidded to skid trails outside the zone. Designated crossings must be approved by the Forest Officer. Slash will not be piled in or pushed into the zone.
7. **APPROVED LANDING LOCATIONS REQUIRED:** Landing locations shall be flagged by the Purchaser and approved by the Forest Officer prior to felling and skidding of trees in this unit.
8. **OBLITERATION OF ILLEGAL ROADS:** Any illegal two track roads that are located within the unit will be obliterated by windrowing and scattering slash as directed by the Forest Officer.
9. **NORTHERN GOSHAWK TIMING RESTRICTION:** No mechanized activity within 0.25 miles of northern goshawk nesting sites within project area between April 1st and August 15th to minimize disturbance to northern goshawks.

Timber Sale Information Sheet
Montana Department of Natural Resources and Conservation

BEND										
Timber Sale Cruise Data										
SPECIES	PP	DF	WL	LP	ES	WF	WH	Dead DF		TOTAL or AVE
Minimum Bid per ton										\$16.57
Pounds per cubic foot	62	62	58	56	57	60	60.0	40.0		
Estimated tons of sawlogs (5.6" top DIB)	30	4,000	900	105	420	210	30	170		5,865 tons
Estimated tons of other material (pulp, etc)										0 tons
Gross MBF (Scribner 5.6" top DIB)	10	800	185	20	80	45	10	90		1,240 MBF
% Cull and Breakage	10	22	20	15	11	30	50	50		26.6%
Net MBF (Scribner 5.6" top DIB)	10	600	145	15	65	25	5	45		910 MBF
Average logs per MBF	24	24	30	36	20	32	35	26		25.2 logs/M
Average DBH	15	12.8	10	10	12.5	11	15	18		12.1 in.
Average tons per acre harvested in leave-tree marked units										51 tons/ac
Average tons per acre harvested in cut-by-prescription units										54 tons/ac
Average MBF to cut per acre on the timber sale										8.1 MBF/ac
Range of cut trees per acre based on unit cruise										60-180
Calculated Sampling Error: Total cruised volume will fall between	760 and 1,060 Net MBF in 9 out of 10 cruises									16.7%
Tons Per Thousand Board Feet										
Contract Value - Estimated tons hauled per thousand Scribner board feet	5,865 estimated tons to a 5.6 inch top / 910 Net MBF Scribner to a 5.6 inch top DIB									6.45 tons/MBF

Contract Information	
Contract Termination Date:	11/30/2020
Operating Period:	August 16 through March 31 when soil conditions are dry, frozen or snow covered.

Timber Sale Information Sheet
Montana Department of Natural Resources and Conservation

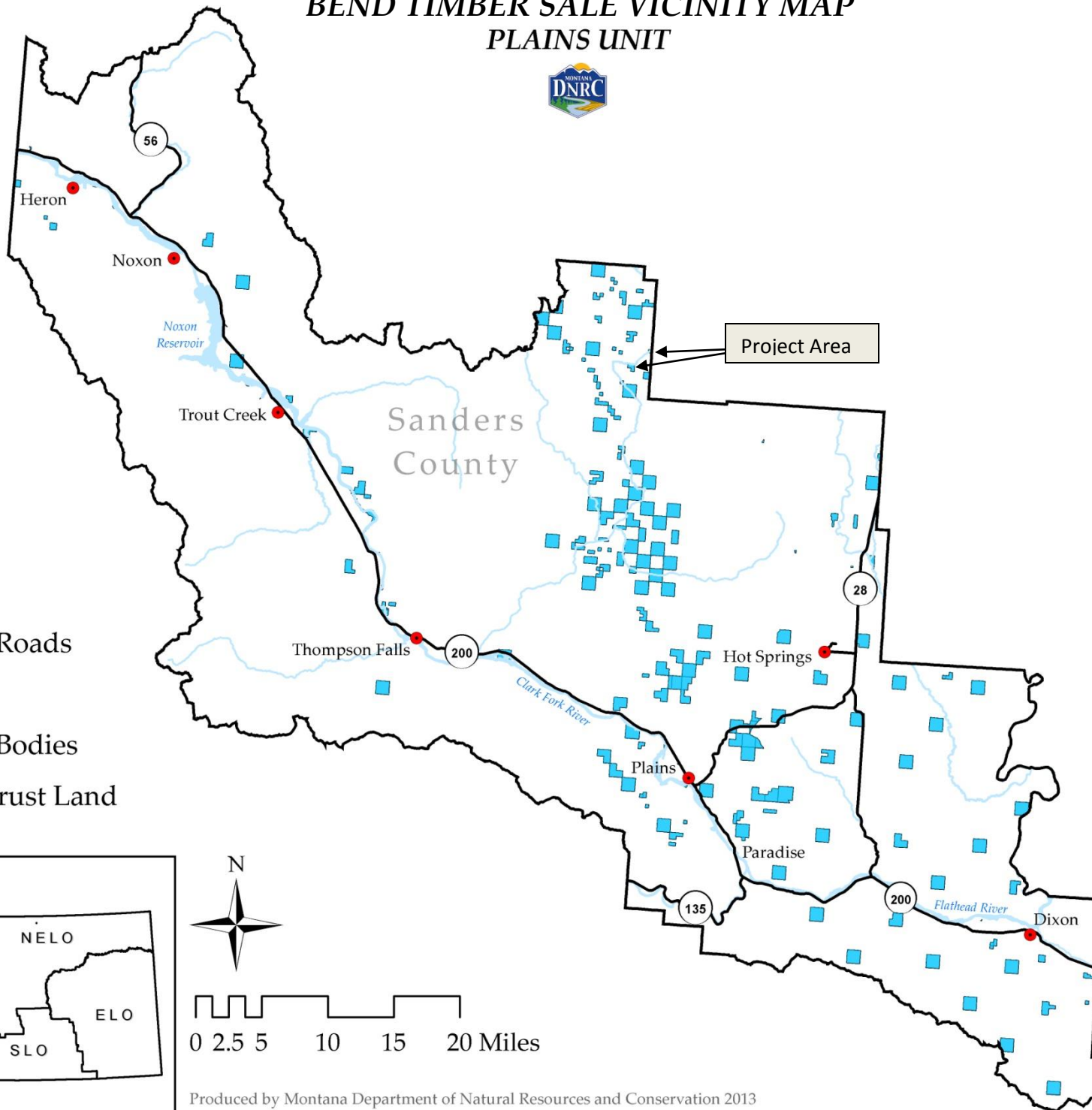
Logging Information	
% of volume logged by clearcut or seed tree cut	70%
% of volume logged with tractors	45%
% of volume logged by skyline	55%
% of volume logged by other system (specify)	00%
Yarding distance tractor (average)	300 ft.
Yarding distance skyline (average)	650 ft.
Yarding distance other system (specify)	0 ft.
Estimated haul distance (paved)	1.0 miles
Estimated haul distance (unpaved)	32.0 miles

Road development and maintenance fees and estimates	
Estimated road development cost total	\$24,864
Estimated road development cost per ton	\$4.24/ton
Estimated road development cost perMBF	\$27.32/MBF
Estimated Purchaser-do road maintenance cost total	\$3,504
Estimated Purchaser-do road maintenance cost per ton	\$0.60/ton
Private road maintenance charges per ton	\$0.00/ton
USFS road maintenance charges per ton	\$0.00/ton
Miles of road construction	0.8 miles
Miles of road reconstruction	0.1 miles
Miles of road with site improvements	0.0 miles
Miles of road reclamation or abandonment	0.2 miles
Miles of road maintenance and blading	3.2 miles

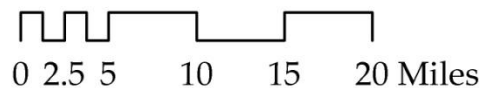
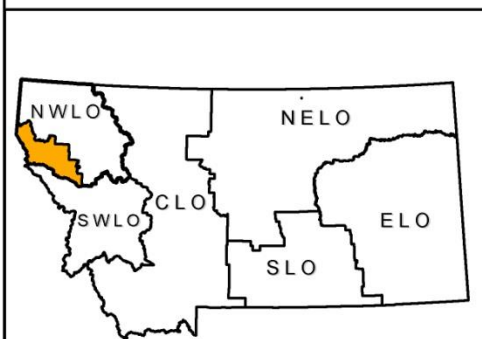
Purchaser fees and estimated costs	
Forest Improvement fee perMBF	\$12.15/MBF
Forest Improvement fee per ton	\$1.88/ton
Forest Improvement fee estimated total	\$11,026.20
Forest Improvement fee quarterly installment	\$1,837.70
Estimated Purchaser-do FI total \$	\$0
Estimated Purchaser-do FI per ton	\$0.00/ton
Estimated Purchaser-do slash disposal work total	\$1,160.00
Estimated Purchaser-do slash disposal work per ton	\$0.20/ton

Unit harvest volume				
Unit #	Acres	Est Tons	Est MBF	Harvest Deadline
1	10	535	85	March 31, 2020
2	41	1,830	285	March 31, 2020
3	24	905	150	March 31, 2020
4	36	2,190	330	March 31, 2020
5	5	405	60	March 31, 2020
	116 Ac.	5,865 tons	910 MBF	

BEND TIMBER SALE VICINITY MAP PLAINS UNIT



- Towns
- Major Roads
- Rivers
- Water Bodies
- State Trust Land

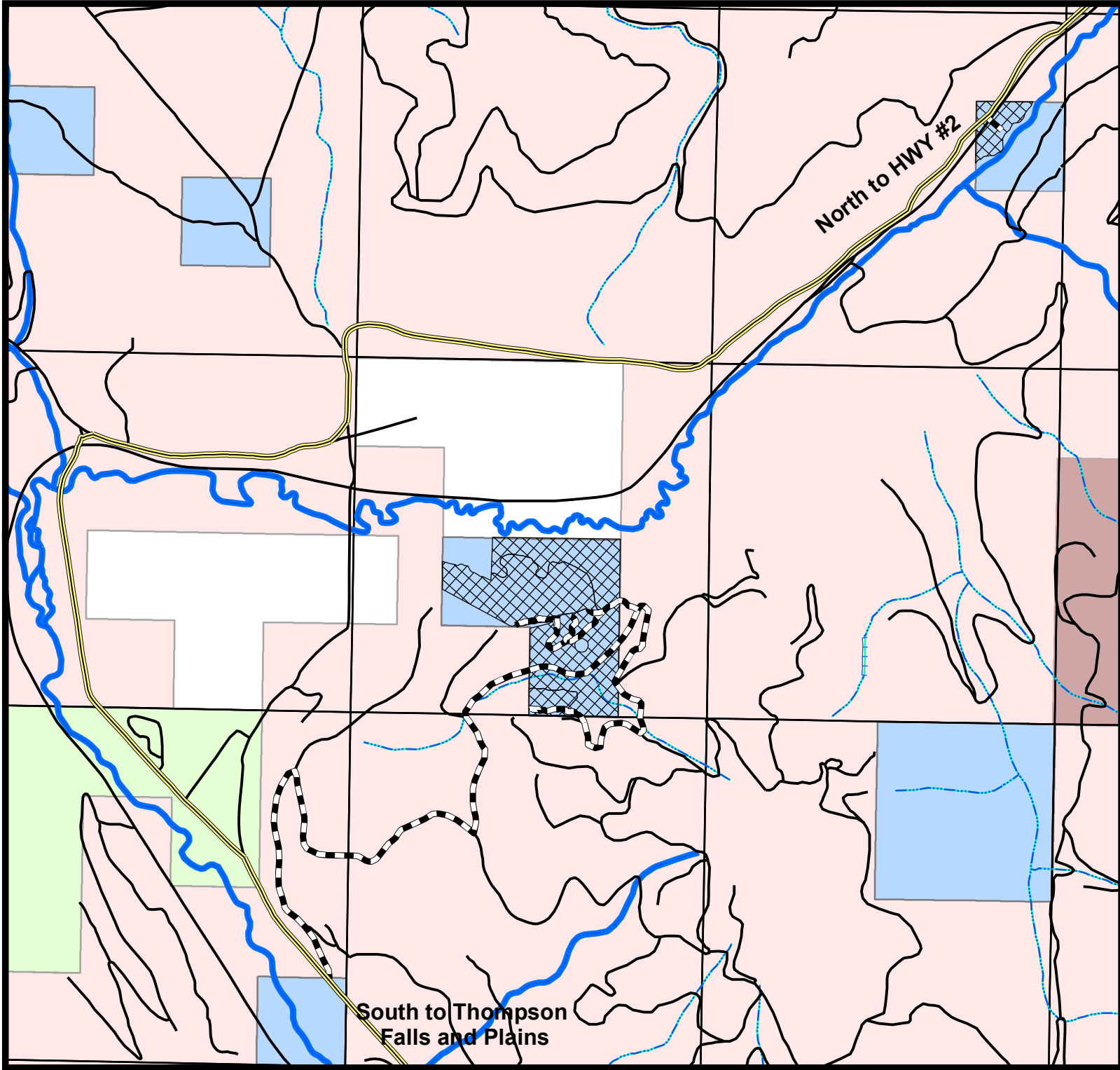


Produced by Montana Department of Natural Resources and Conservation 2013
Datum: NAD 1983 Montana State Plane

Bend Timber Sale

Attachment A: Haul Route Map

S18 T25N R26W; S24 T25N R27W

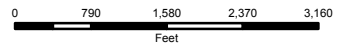


North to HWY #2

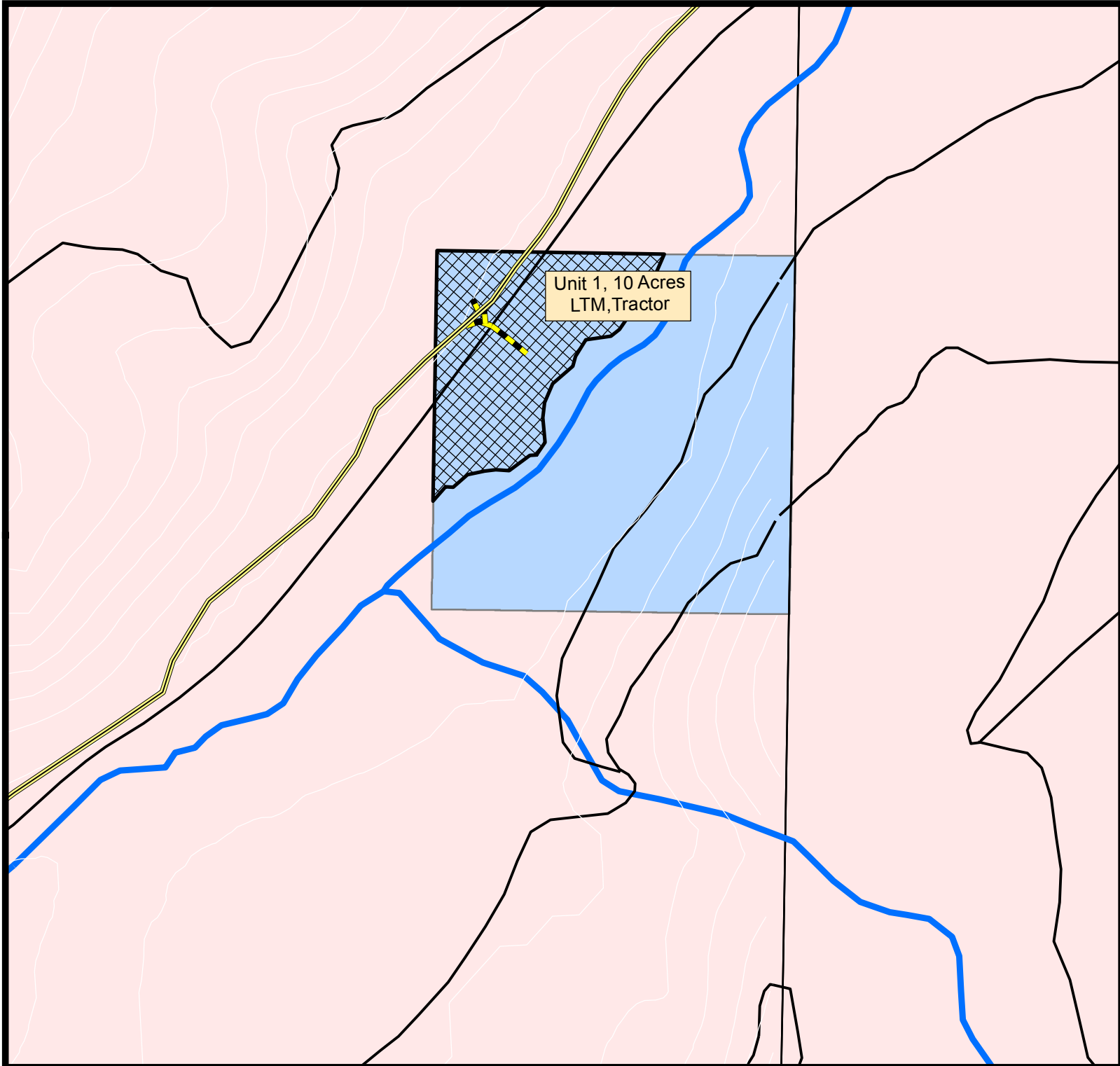
South to Thompson Falls and Plains

Legend	
	County Road
	Roads-Bend
	ROADS
	Harvest Units-Bend
	Ownership MT DNRC
	Weyerhaeuser
	Stimson Lumber Co
	USFS

Montana DNRC
Northwestern Land Office
Timber-tfc08/18



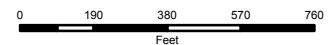
Bend Timber Sale Attachment A: Harvest Map B S18 T25N R26W



Legend

— ROADS	Ownership
== County Road	■ MT DNRC
	■ Weyerhaeuser

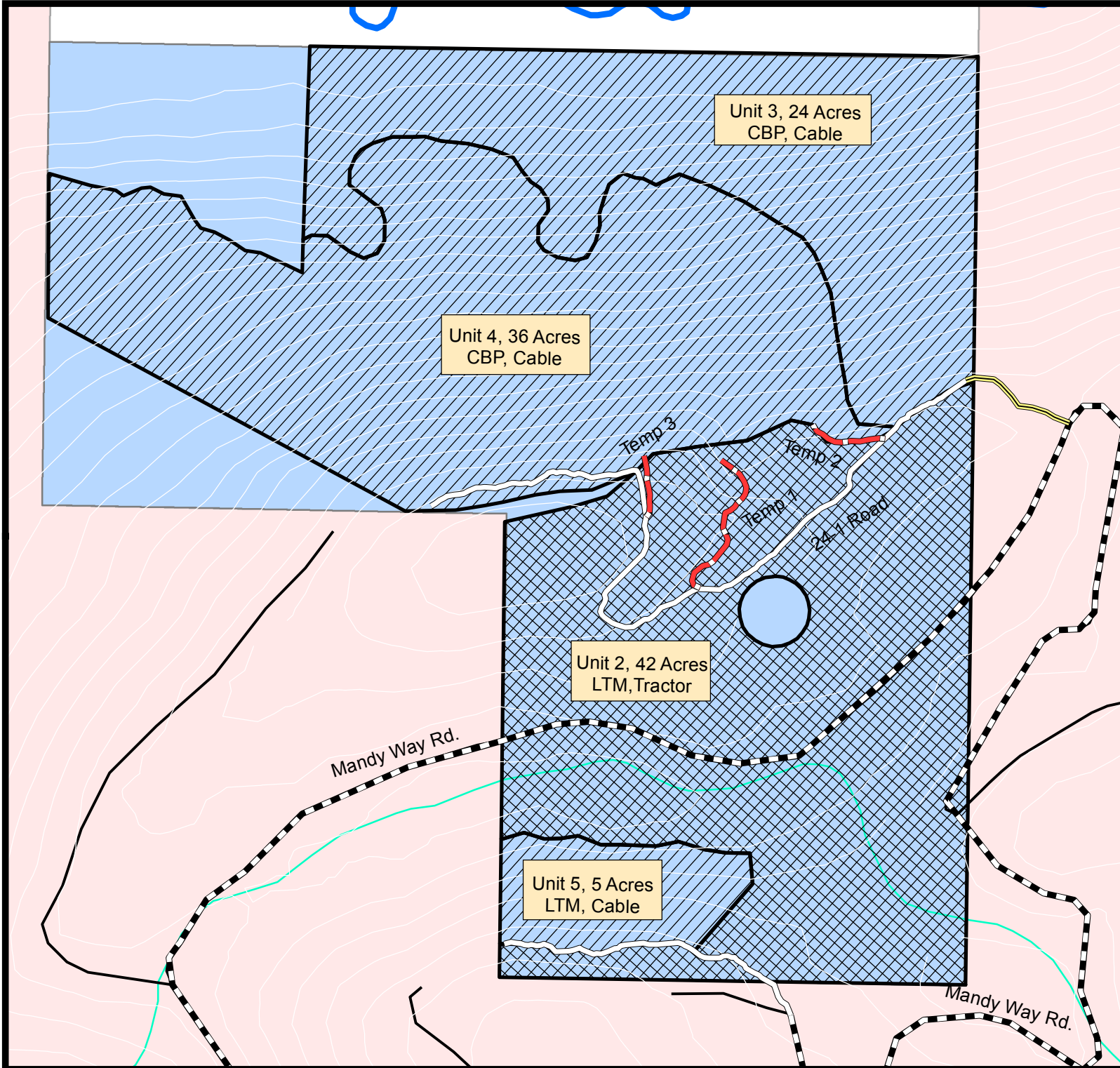
Montana DNRC
Northwestern Land Office
Timber-tfc08/18



Bend Timber Sale

Attachment A: Harvest Map A

S24 T25N R27W



Legend	
Maintenance	Ownership
New Construction	MT DNRC
New Temp	Weyerhaeuser
Reconstruction	
Roads	

Montana DNRC
 Northwestern Land Office
 Timber-tfc08/18

