

NOTICE OF SALE

Department of Natural Resources & Conservation Timber Sale

The Beaver Creek West Timber Sale is located within Section 26, T24N-R31W, on the State's Plains Unit. Approximately 3,825 tons 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 **September 19, 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 **\$5,097.00**, 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), the Northwestern Land Office in Kalispell (406-751-2257), or the Plains Unit Office in Plains, MT (406-826-4725).

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

TIMBER SALE PROSPECTUS
MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

Timber Sale Name: Beaver Creek West Timber Sale			
Timber Sale Location: Section 26, Township 24N, Range 31W			
For specific sale information, contact: Jeff Hansen			
Phone	406-826-4725	DNRC - Plains Unit	
email	jhansen@mt.gov	PO Box 219	Plains Unit Office
		Plains, MT 59859	
For copies of the Timber Sale Contract and bid forms, contact:			
Phone	406-826-4725	Plains Unit Office	

General Bidding Information

1. Bids must be submitted to the Plains Unit Office, PO Box 219, Plains Mt 59859 on standard Department of Natural Resources & Conservation (Dept) bid forms.
2. Timber will be sold to the highest responsible bidder; however, the Dept reserves the right to reject any or all bids.
3. The Dept recommends that bidders contact the Plains Unit Office, (826-4725) prior to the bid opening to ensure that your bid has been received.
4. A **Bid Guarantee of \$100.00** must accompany all bids and must be in the form of personal check, cashier's check, certified check, money order, bank draft, surety bond or irrevocable letter of credit.
5. The Purchaser must submit a **Performance Bond** to the Dept. within a maximum of 45 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 in the form of 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 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 be based on the expected harvest rate and the bid value of the stumpage. The advance stumpage payment may be in the form of 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 and shall be billed concurrent with stumpage. 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 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 Dept has estimated the net scale merchantable sawlog volume to be available for purchase 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 Dept 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 Dept strongly recommends that bidders evaluate these effects before bidding.
10. The Dept 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 Dept 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 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. Schedule of Road Completion Dates:

TABLE B-1. ROAD CONSTRUCTION & MAINTANENCE REQUIREMENTS				
Road Name or Number	Approximate Length (miles)	Type of Construction	Operation Period	Completion Date or Requirement
Road 26-1	0.3	Road Recondition	June 16th-March 31st and when soil compaction requirements in Section VII. L. 1-3 are met. After haying season is completed and ground is frozen and or snow covered.	Road work will be completed prior to harvest operations. Final maintenance of the road system is required within 6 months of completion of all logging and hauling and prior to termination of the Timber Sale Contract.
Road 26-1	0.1	New Construction		
Unit#26-1C/26-2T	0.53	Grazing wire fence removal & construction		

3. Portions of this timber sale are behind locked gates. Contact the MT DNRC – Plains Unit for key check-out.

4. Forest Improvement Fees on all sawlog volume shall be billed concurrent with stumpage.

5. The legal haul route for this timber sale is on the 26-1 road within the sale area to Highway 200. Any deviation from this haul route may result in a monetary fine and will be the burden of the Purchaser.

G. SPECIAL OPERATING REQUIREMENTS: The following requirements are to be performed by the Purchaser in specific sale units as shown in Section VII.F, UNIT DESIGNATIONS.

1. CONVENTIONAL GROUND-BASED YARDING: This unit may be yarded using conventional ground-based yarding equipment.
2. (**EXCALINE YARDING**) FOWARDING FROM THE YARDER: A yarder capable of working from low standard skid trails and ridgelines required. Log length skidding required. Processed logs shall be skidded from the yarder to a roadside deck or landing. Erosion control, such as slashing or retaining tops, will be required in skid corridors as directed by the Forest Officer.
 - a. **Excaline** corridors shall be spaced not less than 60 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 **Excaline** 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:
 - all corridors after determining adequate deflection (minimum 5%)
 - tail trees or tail holds

- intermediate support tree
 - guyline anchors
 - blind leads
 - 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 **Excaline** 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.
3. RESERVED SUBMERCHANTABLE TREE PROTECTION: Care shall be exercised in felling and skidding operations to minimize damage to sub merchantable trees. If damage is excessive as determined by the Forest Officer, operations may be suspended until suitable arrangements are made to reduce damage.
 4. SLASHING OF LOGGING-DAMAGED TREES REQUIRED: The 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.
 5. 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 10-20 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 amount of material and the bucking, lopping, and skidding methods to meet these requirements prior to felling and skidding in the unit.
 6. HIGH BANKING REQUIRED: All ground based skidding equipment shall be restricted to 45% slope and less. Ground based skidding equipment shall be equipped with a winch with not less than 100 feet of operable line, **or** an alternative method, as approved by the Forest Officer.
 7. STREAMSIDE MANAGEMENT ZONE: Retain at least 50% of the trees 8 inches DBH and greater on each side of the stream, leaving species and sizes that represent the original stand. Full suspension is required over the stream channel.

8. EQUIPMENT RESTRICTION AREA: The State has marked with **ORANGE/BLACK** striped flagging. Heavy equipment shall not be operated in areas flagged by the Forest Officer. No harvest of timber is permitted within these designated areas.
9. GRIZZLY BEAR TIMING RESTRICTION: Between **April 1- June 15** commercial forest management activities, pre-commercial thinning, and heavy equipment slash treatment are prohibited during this time period.
10. SAFETY/LOGGING OPERATIONS SIGNS: Road signs warning of logging and road construction operations shall be posted 500 feet from the operations. When log hauling is in progress, warning signs shall be posted at major road junctions as directed by the Forest Officer. Warning signs must comply with MUTCD specifications.

Timber Sale Information Sheet
Montana Department of Natural Resources and Conservation

Beaver Creek West Timber Sale										
Timber Sale Cruise Data										
SPECIES	WL	LP	PP	DF	WRC	GF				TOTAL or AVE
Minimum Bid per ton										\$26.65
Pounds per cubic foot	58	56	62	62	44	60				
Estimated tons of sawlogs (5.6" top DIB)	1,382	620	743	810	220	50				3,825 tons
Estimated tons of other material (pulp, etc)	0	0	0	0	0	0				0 tons
Gross MBF (Scribner 5.6" top DIB)	292	119	138	147	47	8				751 MBF
% Cull and Breakage	17	15	15	15	7	8				15.2%
Net MBF (Scribner 5.6" top DIB)	241	100	116	125	45	10				637 MBF
Average logs per MBF	21	25	18	19	20	18				20.0 logs/M
Average DBH	12.8	10.4	13.2	13.4	14.4	14.1				13.0 in.
Average tons per acre harvested in leave-tree marked units	→									89 tons/ac
Average tons per acre harvested in cut-tree-marked units	→									0 tons/ac
Average MBF to cut per acre on the timber sale	→									14.8 MBF/ac
Range of cut trees per acre based on unit cruise	→									141
Calculated Sampling Error: Total cruised volume will fall between	429 and 781 Net MBF in 9 out of 10 cruises									29.0%
Tons Per Thousand Board Feet										
Contract Value - Estimated tons hauled per thousand Scribner board feet	3,825 estimated tons to a 5.6 inch top / 637 Net MBF Scribner to a 5.6 inch top DIB									6.00 tons/MBF

Contract Information		
Contract ending date	9/30/2020	Due to Grizzly Bear shutdown, operating season is from June 16th-March 31st. Along with Grizzly Bear timing restrictions, operations will not commence in Units#26-1T & 26-1C until after haying season is completed and ground is frozen and or snow covered and only when soil compaction requirements in Section VII. L. 1-3 are met.
Contract length	24 months	
Operating Season:	June 16th-March 31st. After haying season. When ground is frozen and or snow depth requirements are met.	

Timber Sale Information Sheet
Montana Department of Natural Resources and Conservation

Logging Information	
% of volume logged by clearcut or seed tree cut	100%
% of volume logged with tractors	68%
% of volume logged by ground lead (jammer)	00%
% of volume logged by skyline	32%
Yarding distance tractor (average)	571 ft.
Yarding distance ground lead (average)	0 ft.
Yarding distance skyline (average)	285 ft.
Estimated haul distance (paved)	23.3 miles
Estimated haul distance (unpaved)	0.35 miles
Purchaser fees and estimated costs	
Forest Improvement fee perMBF	\$12.15/MBF
Forest Improvement fee per ton	\$2.03/ton
Forest Improvement fee estimated total	\$7,764.75
Forest Improvement fee - concurrent with stumpage	
Estimated Purchaser-do FI total \$	\$6,091
Estimated Purchaser-do FI per ton	\$1.59/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	\$4,071
Estimated road development cost per ton	\$1.06/ton
Estimated road development cost perMBF	\$6.39/MBF
Estimated Purchaser-do road maintenance cost total	\$375
Estimated Purchaser-do road maintenance cost per ton	\$0.10/ton
Private road maintenance charges per ton	\$0.00/ton
USFS road maintenance charges per ton	\$0.00/ton
Miles of road construction	0.1 miles
Miles of road recondition	0.3 miles
Miles of road with site improvements	0.0 miles
Miles of road reclamation or abandonment	0.0 miles
Miles of road maintenance and blading	0.2 miles

Unit harvest volume				
Unit #	Acres	Est Tons	Est MBF	Harvest date
26-1T	26	2,585	450	9/30/2020
26-2T	4	150	22	9/30/2020
26-1C	14	1,090	165	9/30/2020
	44 Ac.	3,825 tons	637 MBF	

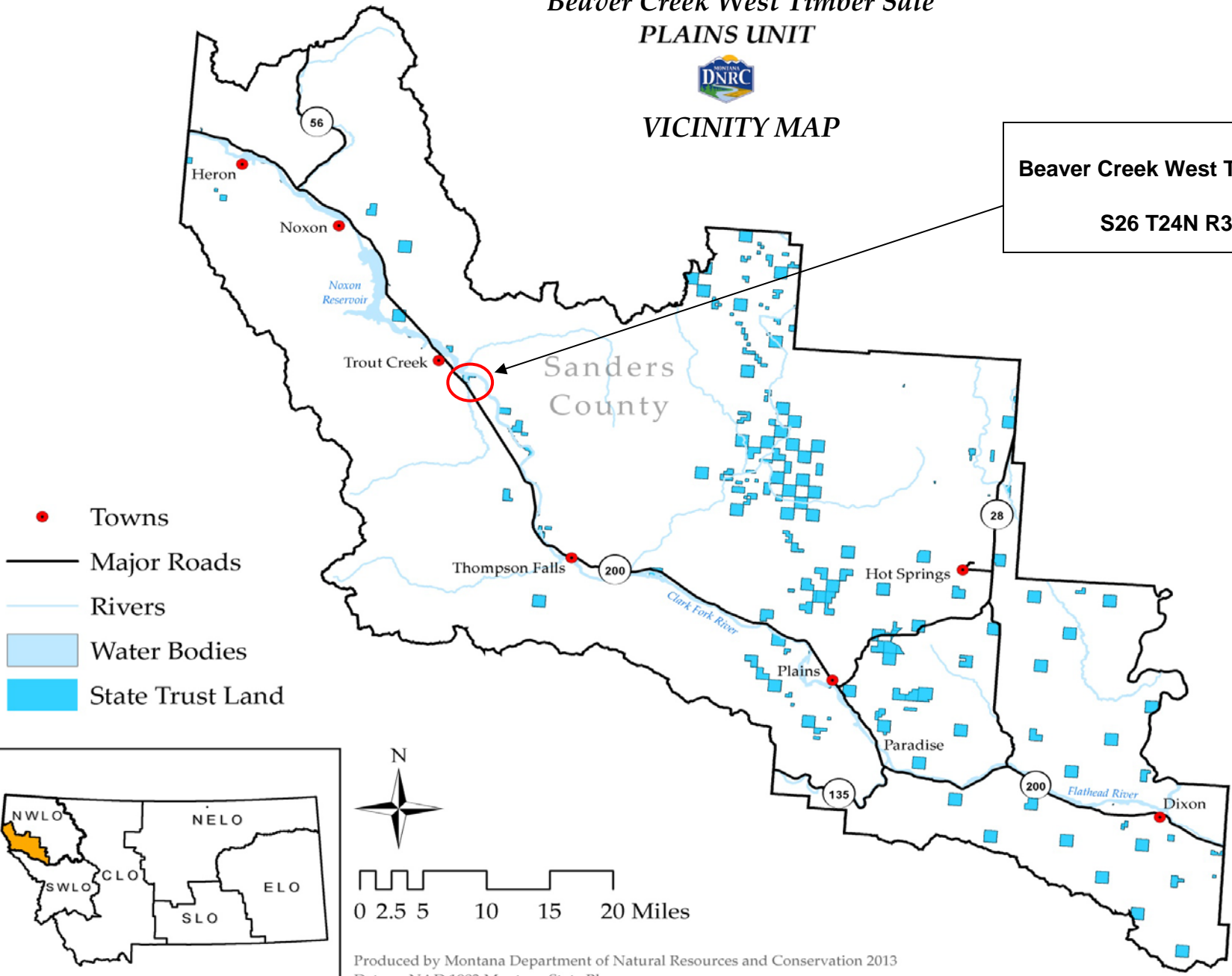
Legal description by trust					Unit harvest volume			
Legal description - subdivisions	Section	Twn	Rge	Grant	Unit #	Acres	Est Tons	Est MBF
Nw1/4, NW1/4	26	24N	31W	DB	26-1T	26	2,585	450
SE1/4, SE1/4	26	24N	31W	DB	26-2T	4	150	22

Beaver Creek West Timber Sale
PLAINS UNIT

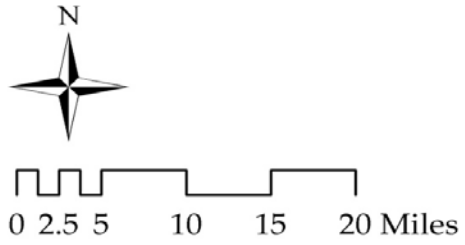
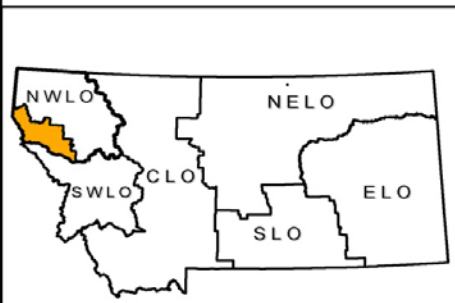


VICINITY MAP

Beaver Creek West Timber Sale
S26 T24N R31W



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



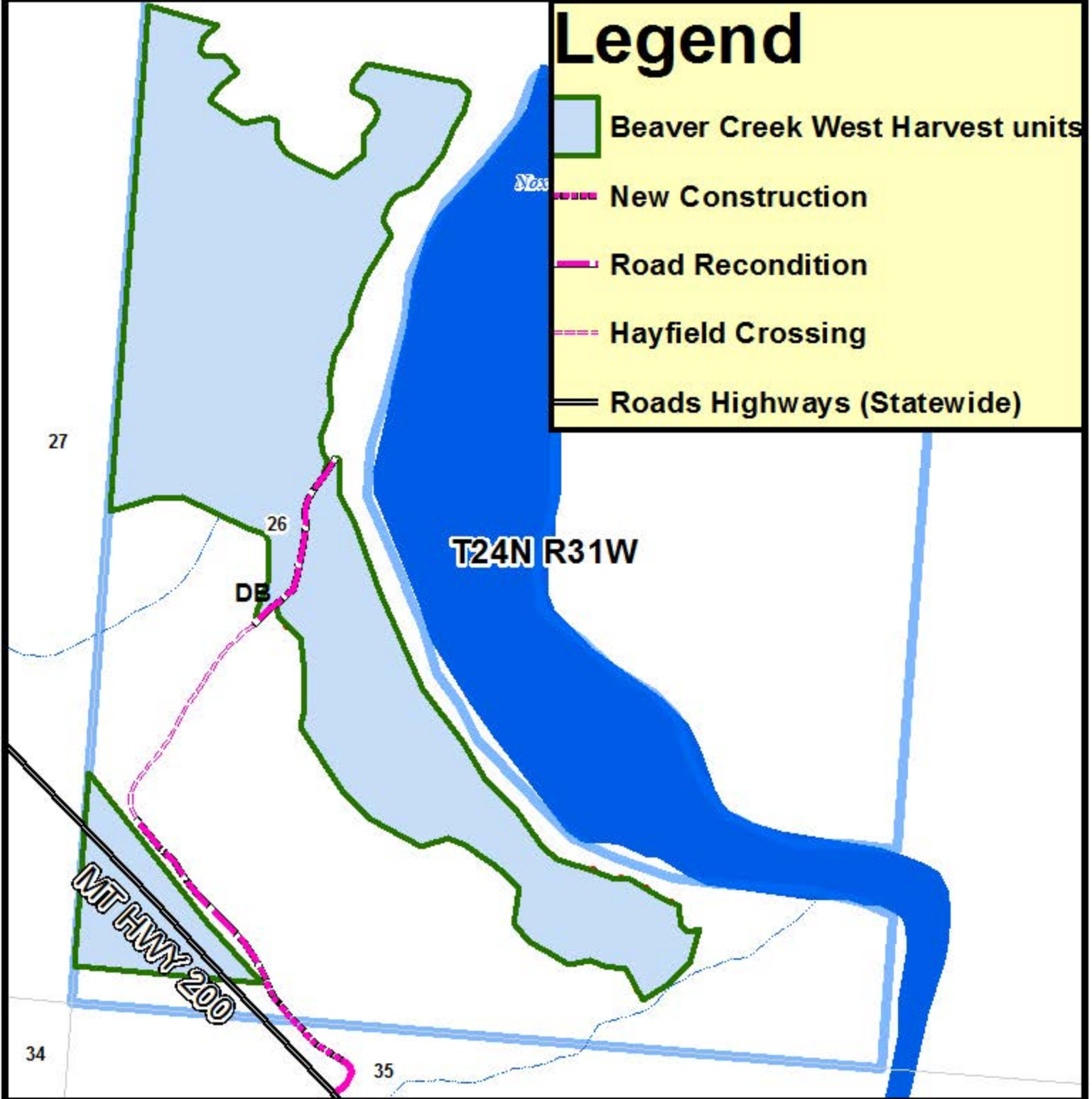
Produced by Montana Department of Natural Resources and Conservation 2013
Datum: NAD 1983 Montana State Plane

Beaver Creek West
Haul Route
S26 T24N R31W



Legend

- Beaver Creek West Harvest units
- New Construction
- Road Recondition
- Hayfield Crossing
- Roads Highways (Statewide)



Montana DNRC
Northwestern Land Office
Timber JPH 2018

0.5



Miles

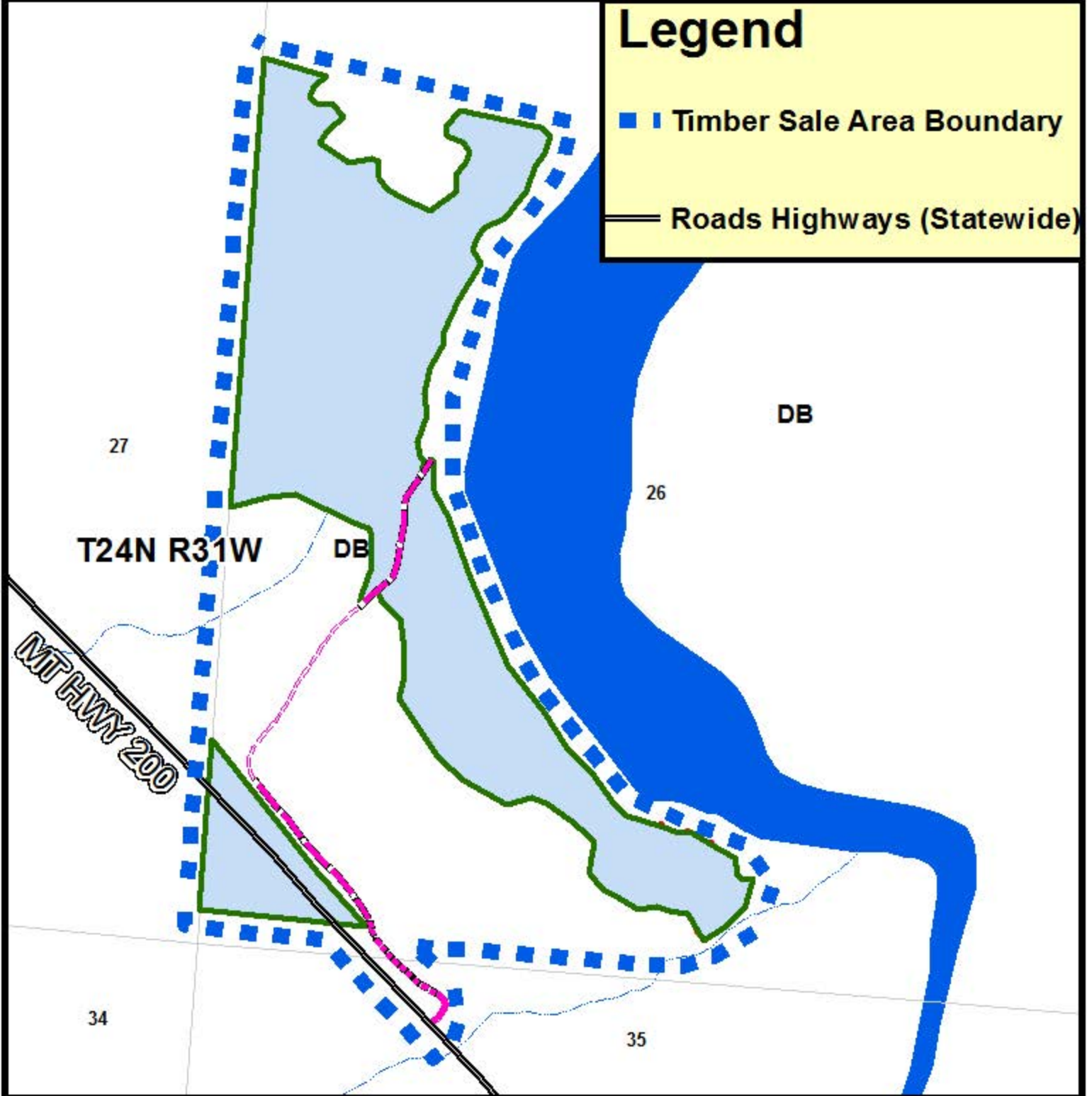


Beaver Creek West
Timber Sale Area Boundary
S26 T24N R31W

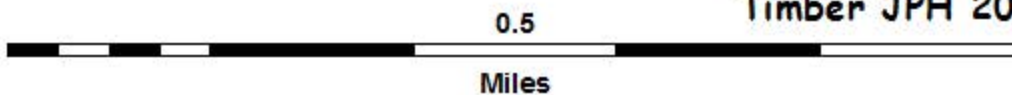


Legend

-  Timber Sale Area Boundary
-  Roads Highways (Statewide)



Montana DNRC
Northwestern Land Office
Timber JPH 2018

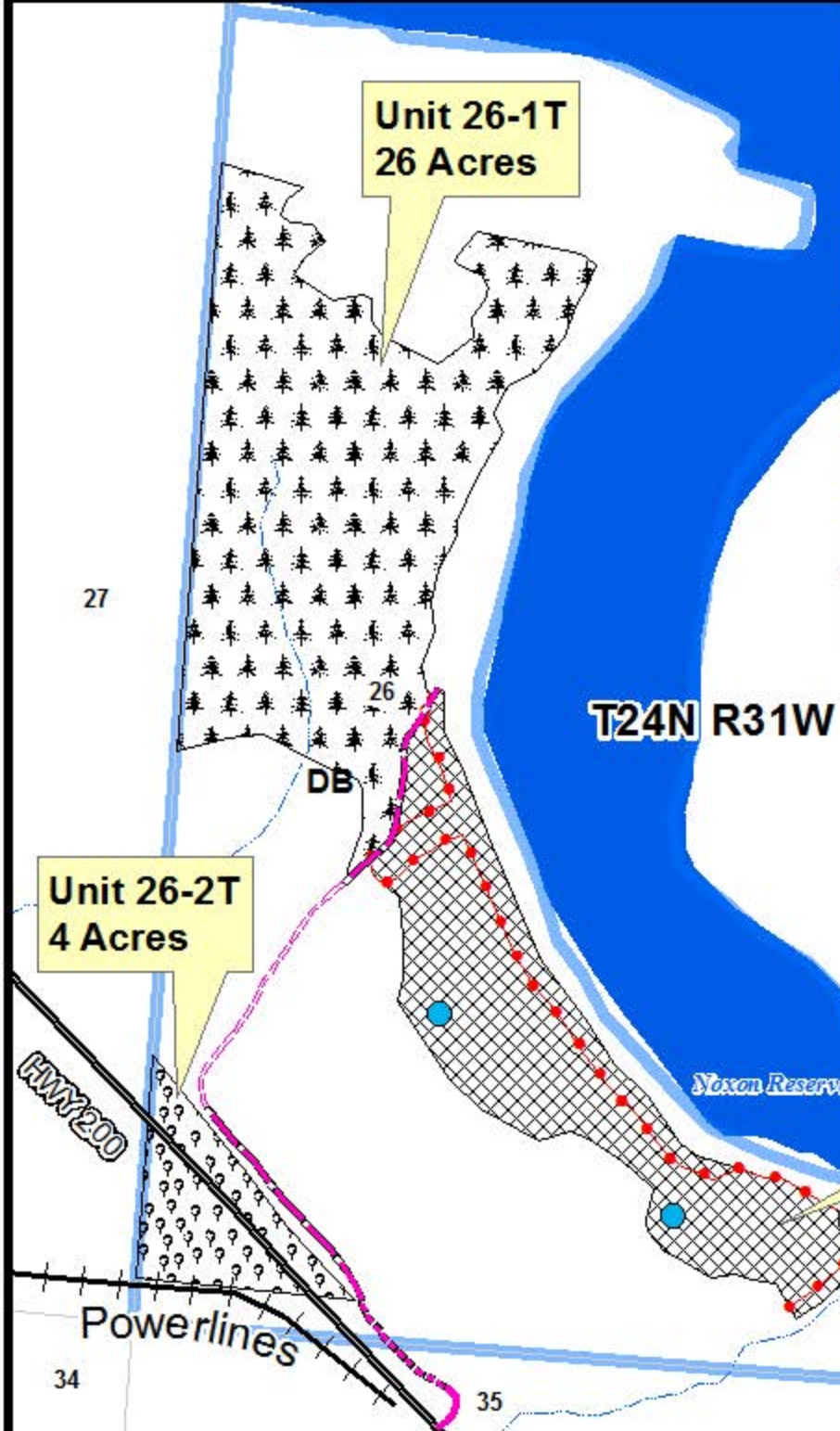


Beaver Creek West Harvest Plan S26 T24N R31W



Legend

- Unit#26-1C
- Unit#26-1T
- Unit#26-2T
- New Construction
- Road Recondition
- Road Maintenance
- Roads Highways (Statewide)
- Powerlines
- SMZ Boundaries
- Equipment Exclusions/ Seeps



T=Tractor

C=Cable

Montana DNRC
Northwestern Land Office
Timber JPH 2018

