

NOTICE OF SALE

Department of Natural Resources & Conservation Timber Sale

The Moran Cyclone North Timber Sale is located within Sections 3,4,10,11,14, & 15, T34N-R21W, on the State's Stillwater Unit. Approximately 22,540 tons of sawlogs consisting of western larch, engelmann spruce, lodgepole pine, Douglas-fir, and alpine fir sawlogs is offered for sale.

Sealed bids will be opened at the Department of Natural Resources & Conservation, 2705 Spurgin Road, Missoula, Montana on **July 10, 2014 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 **\$28,074.00**, representing 5% of the minimum bid of the sale in cashier's check, certified check, bank money order or bank draft to be applied to the stumpage 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 Northwest Land Office, in Kalispell (406-751-2257), or the Stillwater Unit Office in Olney, MT (406-881-2675).

Visit our website at <http://dnrc.mt.gov/Trust/Timber/Bids.asp> for upcoming sales and bid results

/s/ Sonya Germann, Chief
Forest Management Bureau
Trust Land Mgmt Division

Publication Dates: June 5, 12, 19, 26, 2014

TIMBER SALE PROSPECTUS
MONTANA DEPARTMENT OF NATURAL RESOURCES AND CONSERVATION

Timber Sale Name: Moran Cyclone North			
Timber Sale Location: Sections 3,4,10,11, 14, & 15, T34N-R21W			
For specific sale information, contact:			
Phone	406-881-2675	Peter Evans	Unit Office : Stillwater Unit
For copies of the Timber Sale Contract and bid forms, contact:			
Phone	406-542-4300	Forest Management Bureau	DNRC Missoula Office
Phone	406-751-2257		Northwest Land Office

General Bidding Information

1. Bids must be submitted 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 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 Guarantee** 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 Dept within a maximum of **30** days of notification of sale award. The bond amount will be, at a minimum, 15% 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. 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. Weed spraying is required twice on the Moran Creek West Road, and Moran Creek Road. One weed spraying is required on the Ladenburgh Road. Spraying shall be done by a commercial applicator licensed by the State of Montana or by personnel under the direct supervision of the licensed applicator.
2. Units 5 and 9 are designated as combination cable and tractor units and both will require construction of temporary roads to facilitate logging and hauling. Purchaser will be required to identify road locations and a plan for felling, yarding, and landing logs to be approved by the Forest Officer. On Unit 5, two 7-ply Temporary CLT Bridges will be installed during temporary road construction; contact Stillwater Office for specifications.
3. Slash piling and scarification of 46 acres on Unit 5 with an excavator at the Purchaser's expense is required. This requires the logging of Unit 5 to be completed by September 30, 2015 and the piling and scarification to be completed by October 15, 2015. After the piling and scarification and prior to November 1, 2015, the two bridges and 1 CMP will be pulled by the Purchaser during reclamation of Unit 5 Temporary Road. The CMP will be disposed of by the purchaser and the bridges are to be delivered to Stillwater Unit Headquarters.
4. Ten of the twelve harvest units are to be "cut by description". Specifications by unit are available in the contract.
5. Note operation timing restrictions in contract.
6. Residences are within 1,000 feet of the Unit 3 boundaries. "High" fire hazard reduction is required: 90 percent of the slash for 100 feet inside any portion of a cutting unit boundary that lies within 1000 feet of a residential structure must be chipped, piled, buried, or removed within 60 days of its creation.
7. The majority of units are behind gated roads. Keys or combinations to the gate locks are available from the Stillwater Headquarters in Olney, Montana (406) 881-2371.

Timber Sale Information Sheet
Montana Department of Natural Resources and Conservation

MORAN CYCLONE TIMBER SALE											
Timber Sale Cruise Data											
SPECIES	PP	DF	WL	LP	ES	AF	CE	WP	Dead	TOTAL or AVE	
Minimum Bid										\$24.91/ton	
Pounds per cubic foot		62	58	56	57	55				57	
Estimated tons of sawlogs (5.6" top DIB)		2,804	8,249	3,598	6,431	1,458				22,540 tons	
Estimated tons of other material (pulp, etc)										0 tons	
Gross MBF (Scribner 5.6" top DIB)		552	1,602	573	1,369	257				4,353 MBF	
% Cull and Breakage		16	13	9	16	19				14.1%	
Net MBF (Scribner 5.6" top DIB)		465	1,396	528	1,141	210				3,740 MBF	
Average logs per MBF		18.4	22	33	19	39				23.2 logs/M	
Average DBH		13	12	9	13	8.7				12.2 in.	
Average tons per acre harvested in seedtree units										70 tons/ac	
Average tons per acre harvested in commercial thin units										29 tons/acre	
Average MBF to cut per acre on the timber sale										8.5 MBF/ac	
Range of cut trees per acre based on unit cruise										81-151	
Calculated Sampling Error: Total cruised volume will fall between	3,375 and 4,104 Net MBF in 9 out of 10 cruises									9.7%	
Tons Per Thousand Board Feet											
Contract Value - Estimated tons hauled per thousand Scribner board feet	22,540 estimated tons to a 5.6 inch top / 3,740 Net MBF Scribner to a 5.6 inch top DIB									6.03 tons/MBF	

Contract Information	
Contract ending date	December 22,2016
Contract length	29 Months
Operating Season:	July 1 through March 15 and when soil compaction restrictions are met

Timber Sale Information Sheet
Montana Department of Natural Resources and Conservation

Logging Information	
% of volume logged by clearcut or seed tree cut	78%
% of volume logged with tractors	79%
% of volume logged by ground lead (jammer)	00%
% of volume logged by skyline	21%
Yarding distance tractor (average)	420 ft.
Yarding distance ground lead (average)	0 ft.
Yarding distance skyline (average)	306 ft.
Estimated haul distance (paved)	16.5 miles
Estimated haul distance (unpaved)	16.0 miles

Purchaser fees and estimated costs	
Forest Improvement fee perMBF	\$25.13/MBF
Forest Improvement fee per ton	\$4.17/ton
Forest Improvement fee estimated total	\$93,991.80
Forest Improvement fee quarterly installment	\$15,665.30
Estimated Purchaser-do FI total \$	\$8,740
Estimated Purchaser-do FI per ton	\$0.39/ton
Estimated Purchaser-do slash disposal work total	\$0.00
Estimated Purchaser-do slash disposal work per ton	\$0.00/ton
Bid Guarantee (total \$)	\$28,074.00
Performance Bond	20% of bid value

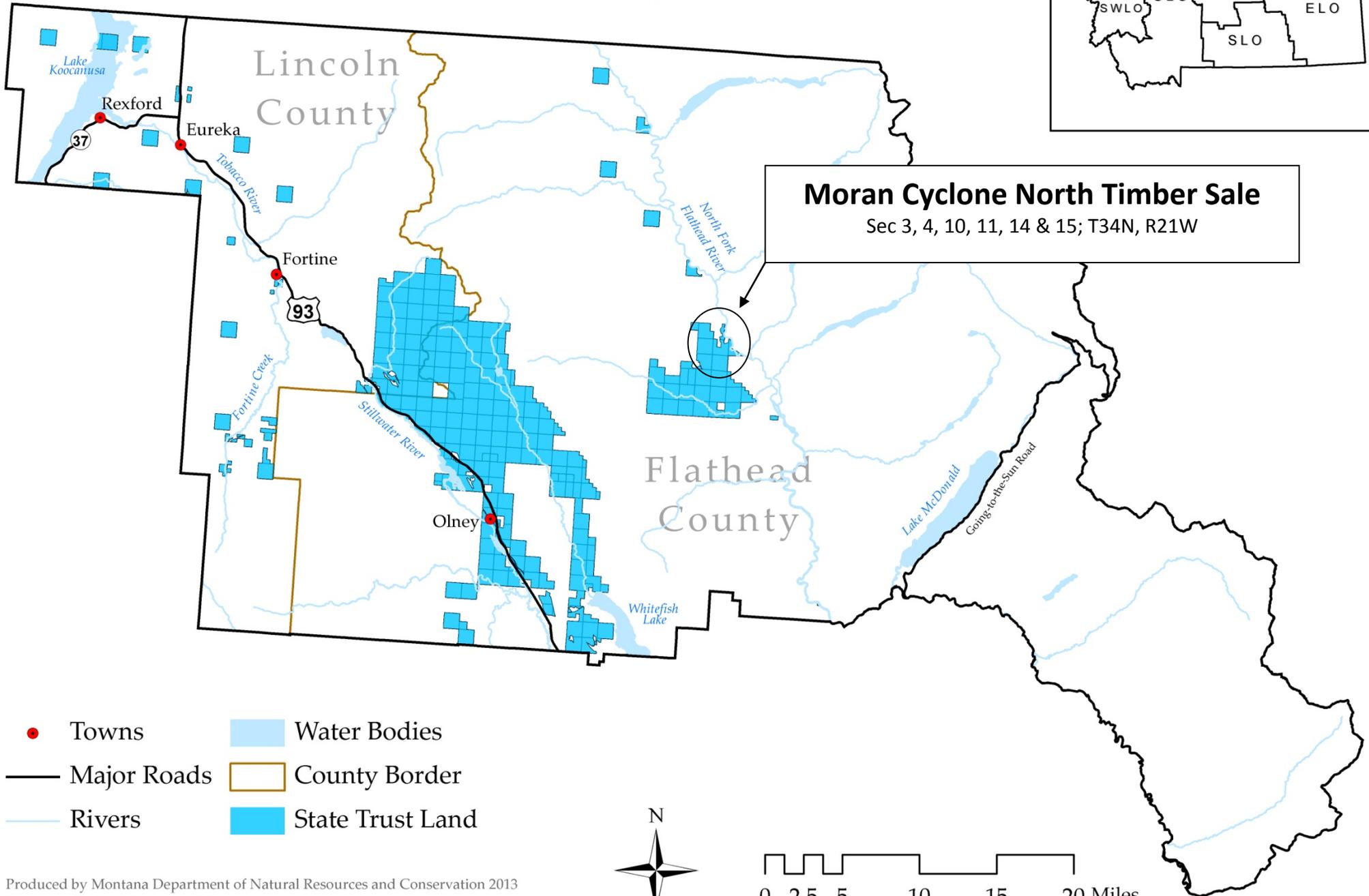
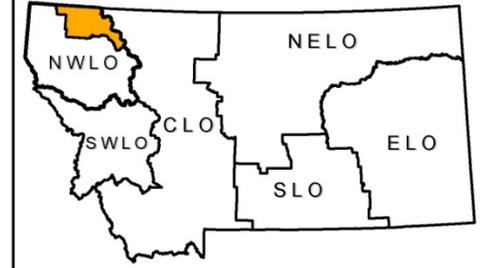
Road development and maintenance fees and estimates	
Estimated road development cost total	\$55,894
Estimated road development cost per ton	\$2.48/ton
Estimated road development cost perMBF	\$14.94/MBF
Estimated Purchaser-do road maintenance cost total	\$4,504
Estimated Purchaser-do road maintenance cost per ton	\$0.20/ton
Private road maintenance charges per ton	\$0.00/ton
USFS road maintenance charges per ton	\$0.00/ton
Miles of road construction	1.6 miles
Miles of road reconstruction	0.0 miles
Miles of road with site improvements	7.0 miles
Miles of road reclamation or abandonment	1.6 miles
Miles of road maintenance and blading	4.6 miles

Unit harvest volume				
Unit #	Acres	Est Tons	Est MBF	Harvest date
1	141	4,404	646	Sept 30,2016
2	52	1,287	189	Sept 30,2016
3A	4	170	28	Sept 30,2016
3B	44	1,867	305	Sept 30,2016
4A	14	840	141	Sept 30,2016
4B	3	180	30	Sept 30,2016
5A	53	3,391	577	Sept 30,2015
5B	5	320	55	Sept 30,2016
6	34	2,183	380	Sept 30,2016
7	48	6,179	1,122	Sept 30,2016
8	10	382	57	Sept 30,2016
9	27	1,337	210	Sept 30,2016
	435 Ac.	22,540 tons	3,740 MBF	

Timber Sale Information Sheet
Montana Department of Natural Resources and Conservation

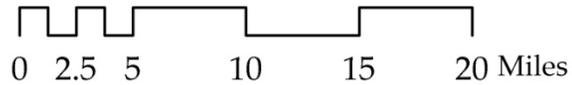
Legal description by trust					Unit harvest volume			
Legal description - subdivisions	Section	Twn	Rge	Grant	Unit #	Acres	Est Tons	Est MBF
SW4	3	34N	21W	SNS	2	47	1,163	171
SE4SE4	3	34N	21W	SNS	3A	4	170	28
W2W2	3	34N	21W	SNS	1	21	656	100
NE1/4	4	34N	21W	SNS	1	120	3,748	546
N2NW4	10	34N	21W	SM	2	5	124	18
NE4NE4	10	34N	21W	SM	3B	15	637	104
W2	10	34N	21W	SM	4A	14	840	141
SE4NW4,SW4NE4	10	34N	21W	SM	4B	3	180	30
SW4,NE4SW4,SE4SW4NE4	10	34N	21W	SM	5A	53	3,391	577
SW4,SE4SW4NE4	10	34N	21W	SM	5B	5	320	55
SW4NE4	10	34N	21W	SM	8	10	382	57
NE4SE4	10	34N	21W	SM	9	12	545	86
W2NW4	11	34N	21W	PB	3B	29	1,230	201
NW4SW4,SW4NW4	11	34N	21W	PB	9	15	792	124
NW4SW4,SW4NW4	14	34N	21W	ACB	7	10	1,287	234
NW4,NW4NE4	15	34N	21W	ACB	6	34	2,183	380
NE4	15	34N	21W	ACB	7	38	4892.0	888
Totals						435 Ac.	22,540 T	3,740 M

VICINITY MAP (Attachment A- 1 of 3) STILLWATER UNIT



Moran Cyclone North Timber Sale
Sec 3, 4, 10, 11, 14 & 15; T34N, R21W

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



Moran Cyclone North Timber Sale Unit Map



Sections 3,4,10,11, 14 and 15,
T34N, R21W

Attachment A
Page 3 of 3

Unit #	Acres	Est Tons	Est MBF
1	141	4,404	646
2	52	1,287	189
3A	4	170	28
3B	44	1,867	305
4A	14	840	141
4B	3	180	30
5A	53	3,391	577
5B	5	320	55
6	34	2,183	380
7	48	6,179	1,122
8	10	382	57
9	27	1,337	210
	435 Ac.	22,540 tons	3,740 MBF

Moran Creek West Road

Ladenburgh Rd and Moran Creek West Rd Intersect

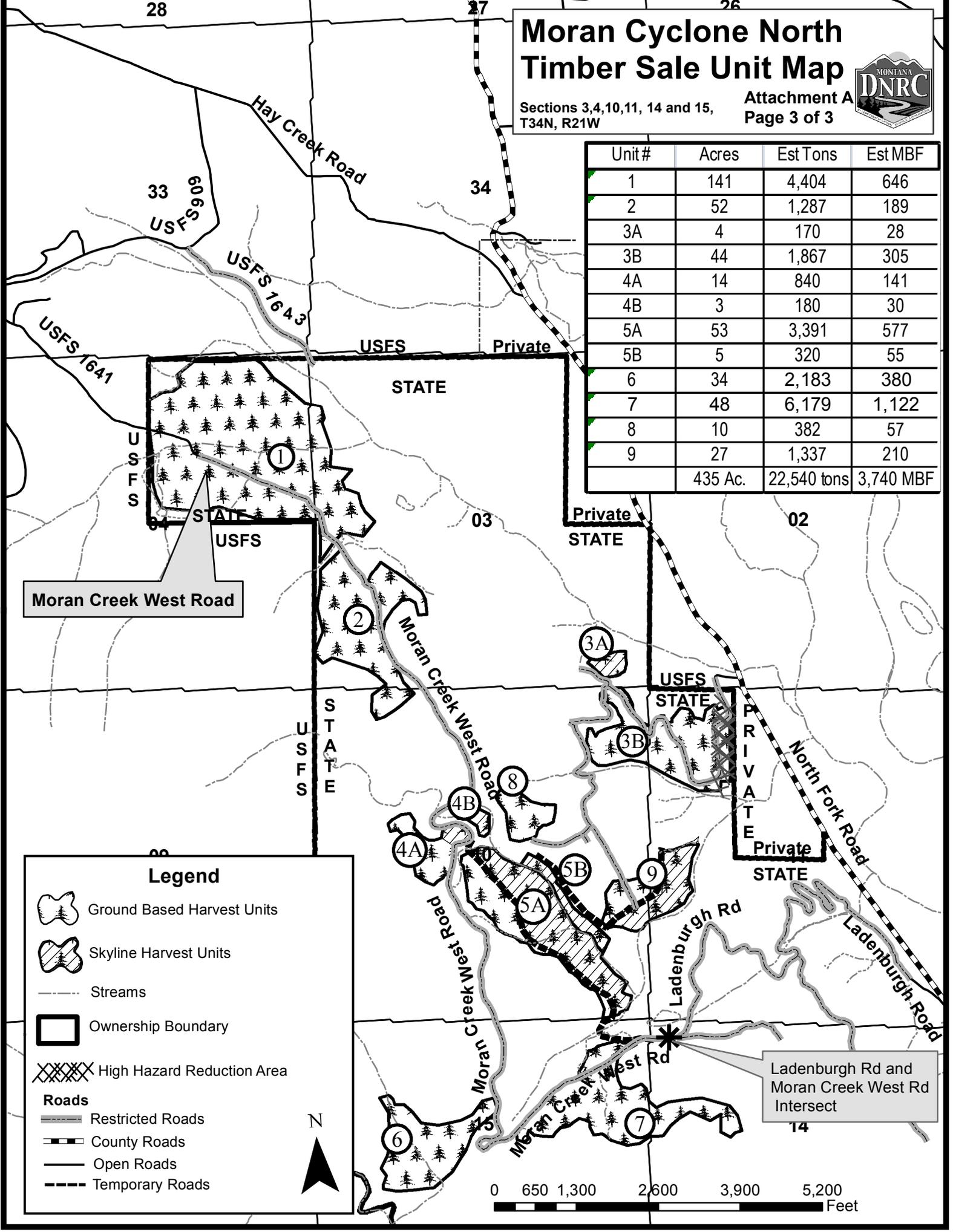
Legend

- Ground Based Harvest Units
- Skylight Harvest Units
- Streams
- Ownership Boundary
- High Hazard Reduction Area

Roads

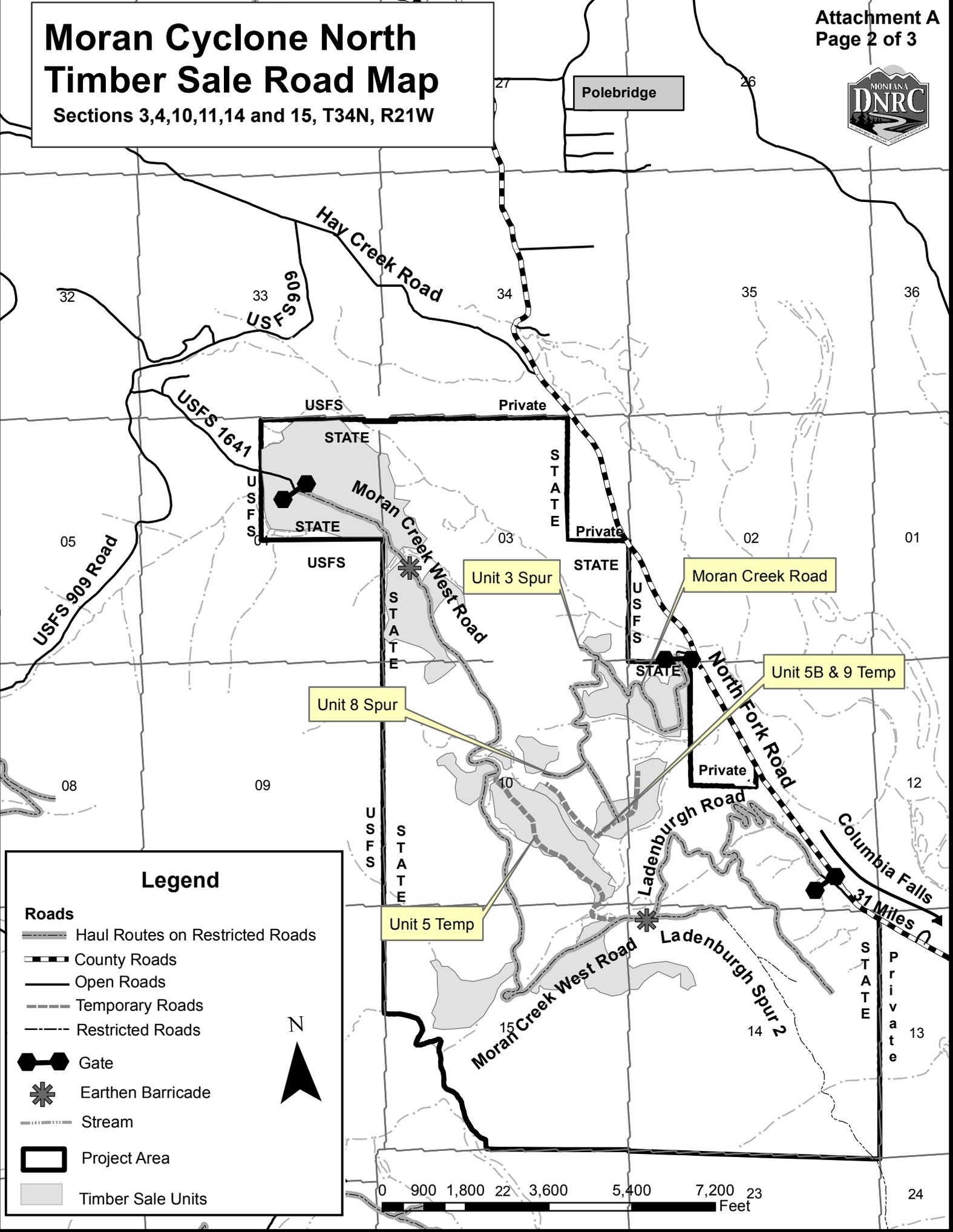
- Restricted Roads
- County Roads
- Open Roads
- Temporary Roads

N



Moran Cyclone North Timber Sale Road Map

Sections 3,4,10,11,14 and 15, T34N, R21W



Legend

- Roads**
- Haul Routes on Restricted Roads
 - County Roads
 - Open Roads
 - Temporary Roads
 - Restricted Roads
- Gate
- Earthen Barricade
- Stream
- Project Area
- Timber Sale Units

