

## NOTICE OF SALE

### Department of Natural Resources & Conservation Timber Sale

The Twin J Timber Sale is located within Section 12, T25N-R27W on the State's Plains Unit. Approximately 15,635 tons, consisting of primarily 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 18, 2023 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 \$11,873.00**, 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 July 17, 2023 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).

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**

<b>Timber Sale Name: Twin J</b>			
<b>For specific sale information, contact: Ty Columbo</b>			
Phone:	406-826-4723	Plains Unit Office	
<b>For copies of the Timber Sale Contract and bid forms, contact:</b>			
Phone	406-542-4300	Forest Management Bureau	DNRC Missoula Office
Phone	406-751-2257	Northwestern	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:**

**A key will be needed to access the sale area. Contact Ty Colombo at 406-826-4723 to check out a key.**

**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. **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.
3. **RESERVED SUBMERCHANTABLE TREE PROTECTION:** Care shall be exercised in felling and skidding operations to minimize damage to submerchantable 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 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.

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 amounts of material and the bucking, lopping, and skidding methods to meet these requirements prior to felling and skidding in the unit.
6. SKID TRAIL SPACING: Skid trails shall be spaced not less than 60 feet apart between trails except at common landings.
7. TEMP ROAD / TRAIL REQUIRED: A temporary road and/or trail will be required to get adequate deflection to harvest the unit. Location will be approved by the Forest Officer.
8. CONSTRUCTED SKID TRAIL RECLAMATION: All constructed skid trails will be reclaimed after use. This includes installing drainage features and reshaping to near natural contours. Use of an excavator is required.
9. NORTHERN GOSHAWK TIMING RESTRICTION: When Goshawks are present, no mechanized activity within 0.25 miles of northern goshawk nesting sites within project area between April 1 - August 15 to minimize disturbance to northern goshawks.

**Timber Sale Information Sheet**  
**Montana Department of Natural Resources and Conservation**

Twin J												
Timber Sale Cruise Data (Scribner 5.6" top DIB, Filter: All   All   Cut)												
SPECIES	PP	DF	WL	LP	ES	GF	RC	AF	WP	WH	Dead	TOTAL or AVE
Minimum Bid per ton												\$15.19
Pounds per cubic foot	62.0	61.7	58.3	56.0	57.0	60.0					40.0	
Estimated tons of sawlogs	654	12018	2035	200	65	365					296	<b>15,635 tons</b>
Estimated tons of non-sawlog material	7	210	54	18	0	7					2	295 tons
Gross MBF	106	2008	382	29	14	66					254	2,860 MBF
% Cull and Breakage	13.5	15.6	14.6	14.2	10.0	16.4					72.9	20.5%
Net MBF	91	1696	327	25	13	55					69	2,275 MBF
Average logs per MBF	21.1	23.8	24.5	43.1	10.2	23.5					58.6	25.0 logs/MBF
Average DBH	13.0	12.1	10.9	8.4	21.0	12.3					14.9	12.1 in.
Average tons to cut per acre											66 tons/ac	
Average MBF to cut per acre											9.6 MBF/ac	
Total Average TPA Cut											136	
Calculated Sampling Error: Total cruised volume will fall between	2,032 and 2,518 Net MBF in 9 out of 10 cruises										10.7%	
Tons Per Thousand Board Feet												
Conversion Factor - Estimated tons hauled per thousand Scribner board feet	15,635 estimated tons / 2,275 Net MBF										6.87 tons/MBF	

Contract Information	
Contract Termination Date:	11/30/2027
Operating Period:	August 16 - March 31 and when soil compaction restrictions allow.

**Timber Sale Information Sheet**  
**Montana Department of Natural Resources and Conservation**

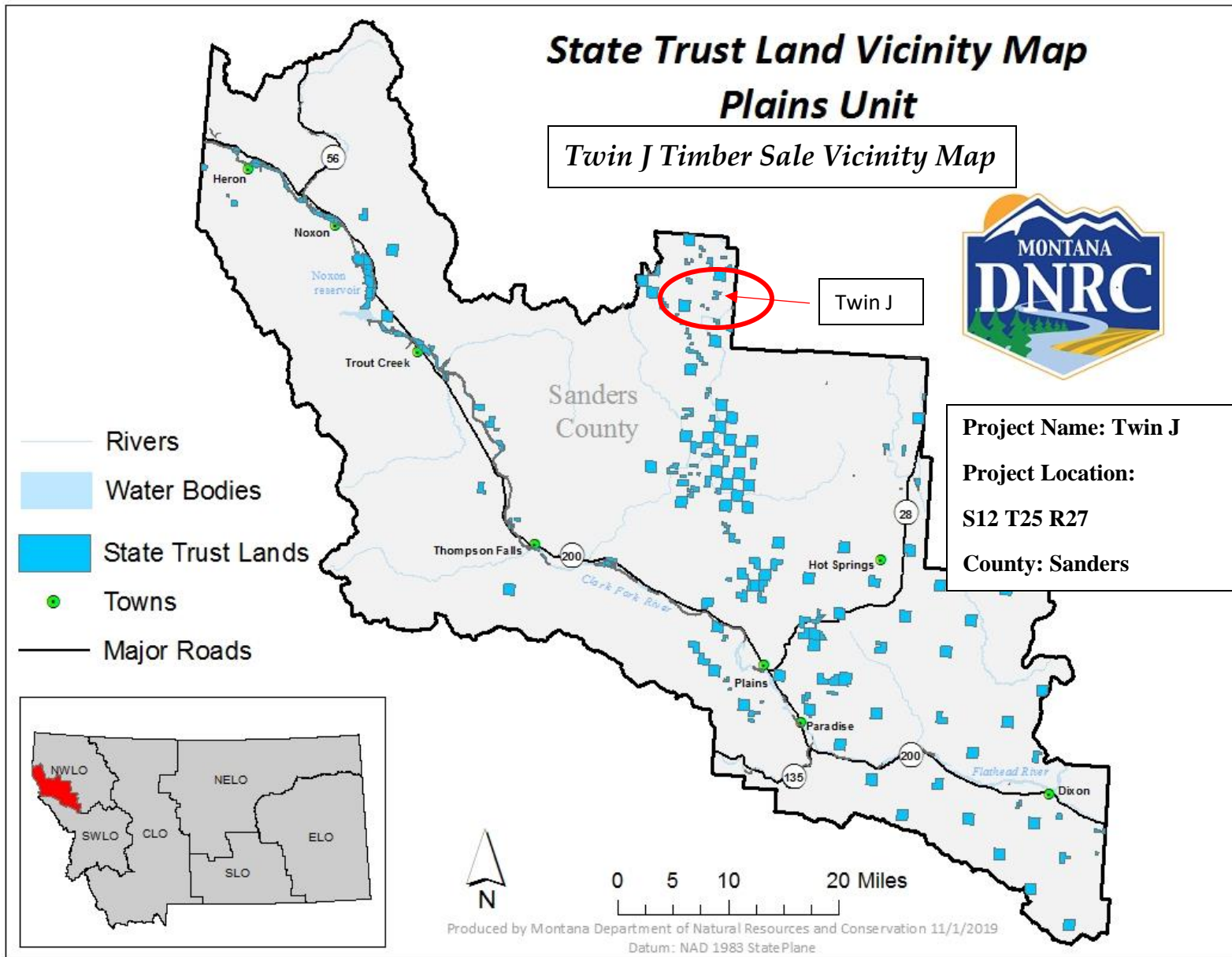
Logging Information	
% of volume logged by clearcut or seed tree cut	00%
% of volume logged with tractors	55%
% of volume logged by skyline	45%
% of volume logged by other system (specify)	00%
Yarding distance tractor (average)	500 ft.
Yarding distance skyline (average)	450 ft.
Yarding distance other system (specify)	0 ft.
Estimated haul distance (paved)	2.0 miles
Estimated haul distance (unpaved)	35.0 miles

Purchaser fees and estimated costs	
Forest Improvement fee perMBF	\$26.60/MBF
Forest Improvement fee per ton	\$3.87/ton
Forest Improvement fee estimated total	\$60,507.45
Forest Improvement fee quarterly installment	\$10,084.58
Estimated Purchaser-do FI total \$	\$0
Estimated Purchaser-do FI per ton	\$0.00/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	\$102,966
Estimated road development cost per ton	\$6.59/ton
Estimated road development cost perMBF	\$45.26/MBF
Estimated Purchaser-do road maintenance cost total	\$4,447
Estimated Purchaser-do road maintenance cost per ton	\$0.28/ton
Private road maintenance charges per ton	\$0.00/ton
USFS road maintenance charges per ton	\$0.00/ton
Miles of road construction	3.5 miles
Miles of road reconstruction	0.0 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	3.5 miles

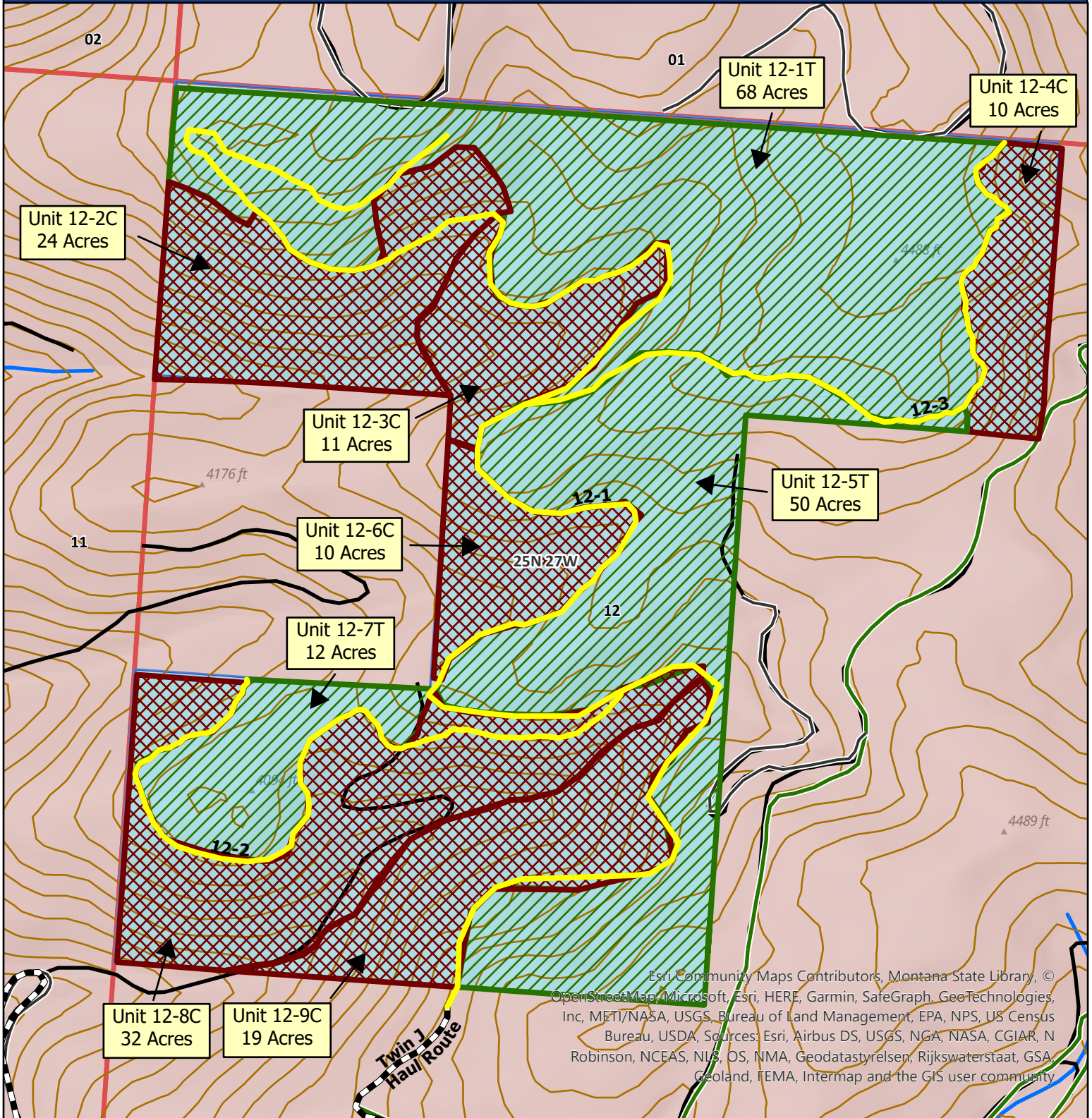
Unit harvest volume				
Unit #	Acres	Est Tons	Est MBF	Harvest Deadline
12-1T	68.00	4605	670	December 31, 2026
12-2C	24.00	1925	280	December 31, 2026
12-3C	11.00	622	91	December 31, 2026
12-4C	10.00	572	83	December 31, 2026
12-5T	50.00	3545	516	December 31, 2026
12-6C	10.00	619	90	December 31, 2026
12-7T	12.00	733	107	December 31, 2026
12-8C	32.00	1931	281	December 31, 2026
12-9C	19.00	1079	157	December 31, 2026
	236 Ac.	15,635 tons	2,275 MBF	

A-1: Twin J Timber Sale Vicinity Map





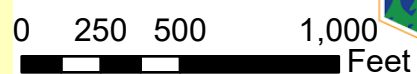
# A-2: Twin J Harvest Plan S12 25N 27W



Esri Community Maps Contributors, Montana State Library, © OpenStreetMap, Microsoft, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, US Census Bureau, USDA, Sources: Esri, Airbus DS, USGS, NGA, NASA, CGIAR, N Robinson, NCEAS, NLS, OS, NMA, Geodatastyrelsen, Rijkswaterstaat, GSA, Geoland, FEMA, Intermap and the GIS user community

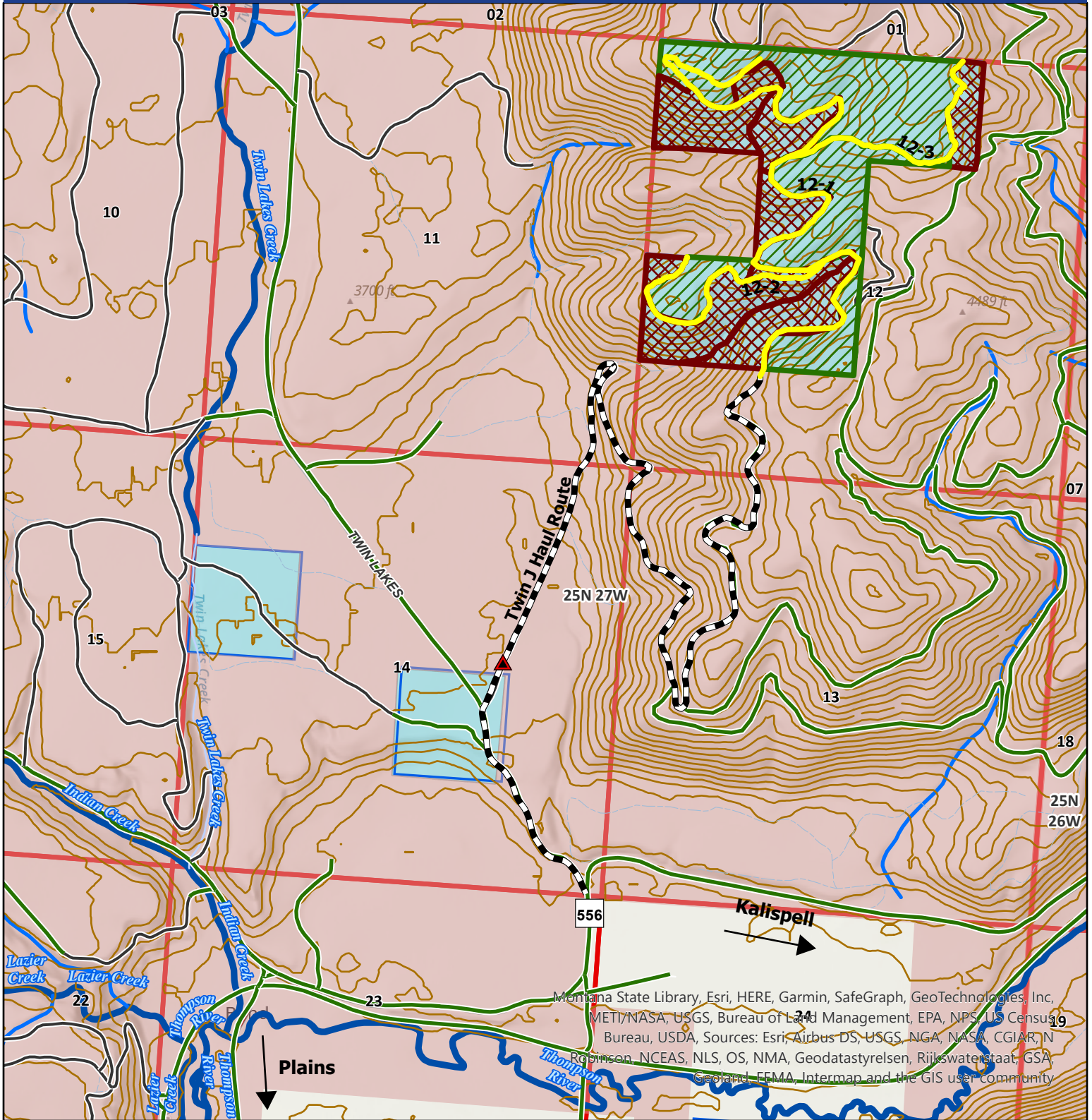
- |                  |                       |                  |
|------------------|-----------------------|------------------|
| DNRC Trust Lands | <b>Harvest Method</b> | <b>Roads</b>     |
| Green Diamond    | Skyline               | Haul Route       |
|                  | Tractor               | New Construction |

Montana DNRC  
Northwestern Land Office  
JDR 12/22/22





# A-3: Twin J Haul Route S12 25N 27W



- DNRC Trust Lands
- Green Diamond
- Gates

- ### Harvest Method
- Skyline
  - Tractor

- ### Roads
- Haul Route
  - New Construction

Montana State Library, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc, METI/NASA, USGS, Bureau of Land Management, EPA, NPS, US Census Bureau, USDA, Sources: Esri, Airbus DS, USGS, NGA, NASA, CGIAR, N Robinson, NCEAS, NLS, OS, NMA, Geodatastyrelsen, Rijkswaterstaat, GSA, Geoland, FEMA, Intermap and the GIS user Community

Montana DNRC  
Northwestern Land Office  
JDR 12/22/22

