

NOTICE OF SALE

Department of Natural Resources & Conservation Timber Sale

The East of Emerald Timber Sale is located within Sections 28 & 34 of T16N-R14W on the State's Clearwater Unit. Approximately 13,359 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 **June 14, 2022 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 \$10,921.00**, 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 May 16, 2022 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

Timber Sale Name: East of Emerald			
Timber Sale Location: 5½ miles southeast of Seeley Lake			
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 percentage, 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.** 1.02 miles of new road construction is required. *Please note, 0.95 miles of new construction must be completed by **October 15, 2022**.*
 - Road work includes the procurement and installation of **two** new round pipe gates.
 - Road work includes the procurement and installation of **two** new 18"x30' CMPs.
 - **WEED SPRAYING:** The Purchaser shall be responsible for weed spraying on approximately **9 miles** of road post-harvest.
 - **GRASS SEEDING:** The Purchaser is required to supply up to **342 pounds** of grass seed.
 - **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.
 - **Blackfoot Telephone Coop. Inc. has an easement for a buried telephone line in T16N R14W Sec 28. It is the responsibility of the purchaser to contact Blackfoot (1-800-424-5555) to have them mark the location of the buried line before beginning any excavation in this area.**

2. LOGGING OPERATIONS – KEY POINTS

TABLE 3. HARVEST COMPLETION SCHEDULE		
Priority	Unit or Portion of Sale	Completion Date
1	Unit 34-1 (~365 MBF / 2,459 tons)	October 15, 2022*
2	All remaining units (~1,619 MBF / 10,900 tons) (28-1, 28-1A, 28-2, 28-3, 28-4, 28-5, 34-2, 34-3)	March 31, 2025

*Short deadline due to active bark beetle infestation

- This timber sale consists of 9 harvest units. The entire sale is tractor ground with **portions of the sale containing steeper slopes of 45-55%**.
- Three harvest units have an overhead powerline running through them. Use extreme caution during harvest operations.
- **OPERATING PERIOD: June 16 – March 1.** Closures are for Grizzly bear closure (April 1 – June 15) and anticipated spring break-up conditions. No harvesting, hauling, road work, slash work, etc. will be allowed outside of the operating period unless authorized by the Forest Officer.
 - Two harvest units are located on the Blackfoot-Clearwater Game Range. These units will also have a **seasonal closure for general rifle season, from October 15 to December 1.**
- **THIS SALE IS SAMPLE MARKED:** Each harvest unit contains sample-marked areas that provide examples of the desired prescription for that unit. Cutting guidelines for each unit are found in contract section VII.F. Unit Designations. A map is included that shows the location of the sample areas. Cruise plots were also marked for approximately 100 feet around plot center. Plot centers have been monumented with **NEON GREEN and YELLOW/RED POLKA DOT flagging**. The following requirements are necessary:
 - **PRIOR TO BEGINNING HARVEST IN EACH UNIT, THE PURCHASER, CLIPPER OPERATOR AND THE FOREST OFFICER MUST VISIT THE UNIT AND DISCUSS THE PRESCRIPTION FOR THAT UNIT.**
 - **DURING HARVEST, IF THE FOREST OFFICER DETERMINES THAT THE DESIRED PRESCRIPTION IS NOT BEING MET, THE FOREST OFFICER, PURCHASER AND OPERATOR WILL BE REQUIRED TO DO A WALK-THROUGH OF THE ENTIRE UNIT TO EXPLAIN WHAT IS REQUIRED.**
 - **IF THE OPERATOR 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.**

Timber Sale Information Sheet
Montana Department of Natural Resources and Conservation

East of Emerald

Timber Sale Cruise Data (Scribner 5.6" top DIB, Filter: All | All | Cut)

SPECIES	PP	DF	WL	LP						Dead	TOTAL or AVE
Minimum Bid per ton											\$16.35
Pounds per cubic foot	62.0	61.7	58.3	56.0						40.0	
Estimated tons of sawlogs	2157	10444	294	366						98	13,359 tons
Estimated tons of non-sawlog material	11	119	4	22						0	156 tons
Gross MBF	453	1827	64	52						37	2,433 MBF
% Cull and Breakage	19.0	18.0	19.0	8.0						37.0	18.4%
Net MBF	367	1494	52	48						24	1,984 MBF
Average logs per MBF	12.4	19.7	18.6	42.2						19.2	18.9 logs/MBF
Average DBH	16.3	13.7	12.2	9.1						19.7	13.7 in.
Average tons to cut per acre	→										29 tons/ac
Average MBF to cut per acre	→										4.3 MBF/ac
Total Average TPA Cut	→										45
Calculated Sampling Error: Total cruised volume will fall between	1,755 and 2,214 Net MBF in 9 out of 10 cruises										11.6%
Tons Per Thousand Board Feet											
Conversion Factor - Estimated tons hauled per thousand Scribner board feet	13,359 estimated tons / 1,984 Net MBF										6.73 tons/MBF

Contract Information

Contract Termination Date:		August 15, 2025
Operating Period:	June 16 through March 1; <i>October 15-December 1 closure for units on Game Range</i>	

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)	500 ft.
Yarding distance skyline (average)	0 ft.
Yarding distance other system (specify)	0 ft.
Estimated haul distance (paved)	9.0 miles
Estimated haul distance (unpaved)	3.0 miles

Purchaser fees and estimated costs	
Forest Improvement fee perMBF	\$24.25/MBF
Forest Improvement fee per ton	\$3.60/ton
Forest Improvement fee estimated total	\$48,092.40
Forest Improvement fee quarterly installment	\$8,015.40
Estimated Purchaser-do FI total \$	\$15,325
Estimated Purchaser-do FI per ton	\$1.15/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	\$47,540
Estimated road development cost per ton	\$3.56/ton
Estimated road development cost perMBF	\$23.96/MBF
Estimated Purchaser-do road maintenance cost total	\$6,405
Estimated Purchaser-do road maintenance cost per ton	\$0.48/ton
Private road maintenance charges per ton	\$0.00/ton
USFS road maintenance charges per ton	\$0.00/ton
Miles of road construction	1.0 miles
Miles of road reconstruction	0.0 miles
Miles of road with site improvements	0.0 miles
Miles of road reclamation or abandonment	0.1 miles
Miles of road maintenance and blading	8.9 miles

Unit harvest volume				
Unit #	Acres	Est Tons	Est MBF	Harvest Deadline
28-1	62.39	1819	270	March 31, 2025
28-1A	4.82	264	39	March 31, 2025
28-2	80.76	3426	509	March 31, 2025
28-3	56.37	985	146	March 31, 2025
28-4	28.68	268	40	March 31, 2025
28-5	45.11	1308	194	March 31, 2025
34-1	65.46	2460	365	October 15, 2022
34-2	45.87	815	121	March 31, 2025
34-3	76.06	2012	299	March 31, 2025
	466 Ac.	13,359 tons	1,984 MBF	

- **IF THE OPERATOR 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.**
- **REMOVAL OF NON-SAWLOG (“OTHER”) MATERIAL:** Pulp removal is required on all units.
Unhealthy trees (poor crowns, poor appearance, forked or damaged stems) that are greater than 5” DBH but not meeting SAWLOG MANUFACTURING AND RECOVERY STANDARDS, and that are not designated to leave, will be cut. Healthy trees with good crowns will be left. Scattered clumps of trees >5” DBH and <8” DBH can be left in the unit as wildlife habitat, however this needs to be approved by the Forest Officer and usually will be < ½ acre.
 - **The purchaser has the option of disposing of pulp by using one or a combination of the following methods:**
 - Processing into a pulp log and hauling at the rate listed for Other Material/Pulp OR staging in a processed deck for purchase by others.
- **UNIT PILING:** Is required in units 28-4 and 34-2 (75 acres) AND within 200 feet of all ownership lines with private property (approximately 40 acres).
- **LANDINGS AND LOG DECKS:** If landing piles become too large, as determined by the Forest Officer, it may be required that slash be redistributed to the unit using “skidder piles”. These piles will be at least 8 feet tall and will be piled in a way as to promote burning (higher, NOT wider). The piles will be placed in openings at least 15 feet away from residual trees.
- **WETLAND MANAGEMENT ZONES:** Three harvest units contain isolated wetlands. No streams are present within the sale area.
- **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.

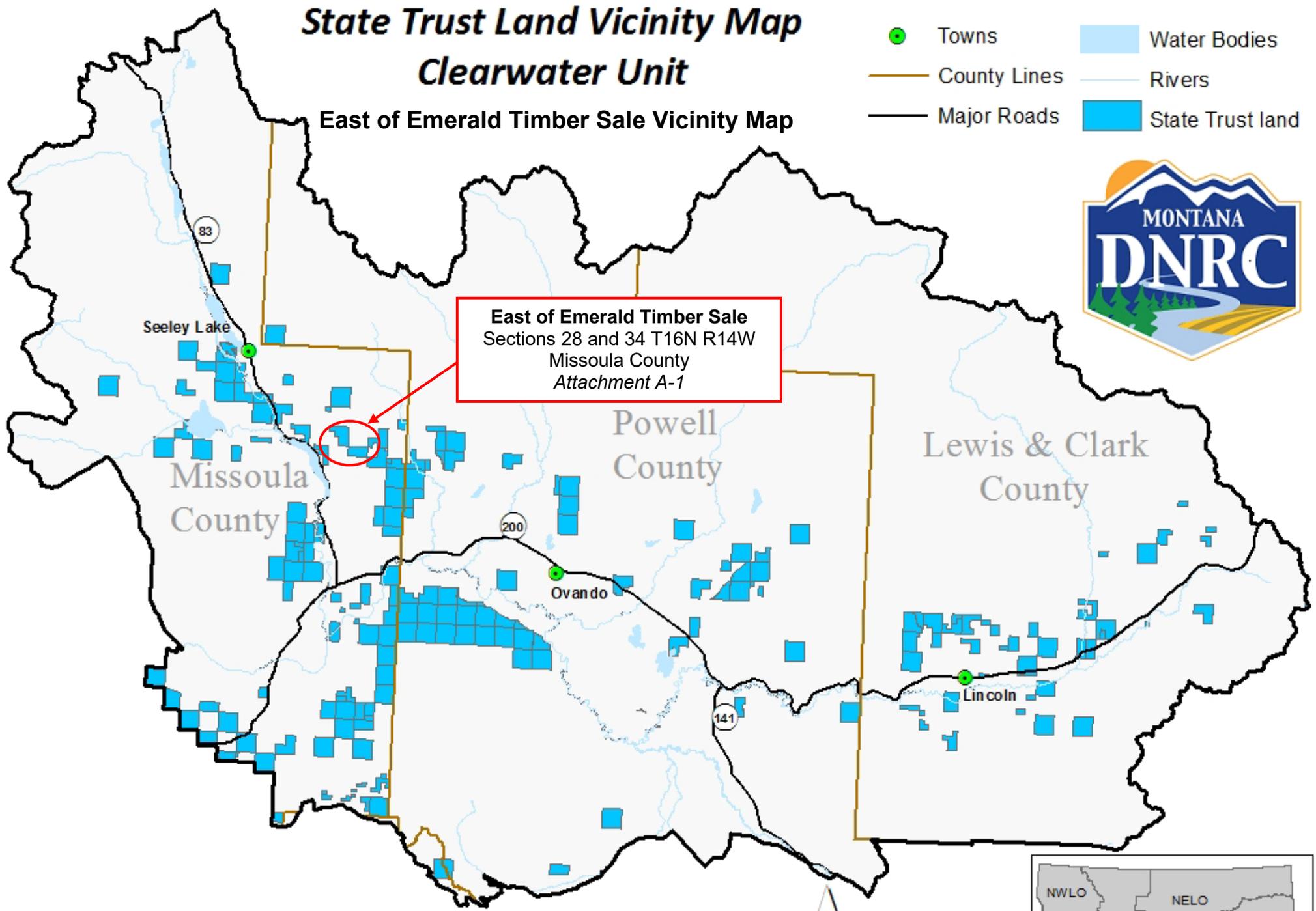
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*Bidders interested in accessing the sale area may contact Melissa Laskos at 406-244-2385 for gate access.

State Trust Land Vicinity Map Clearwater Unit

East of Emerald Timber Sale Vicinity Map

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

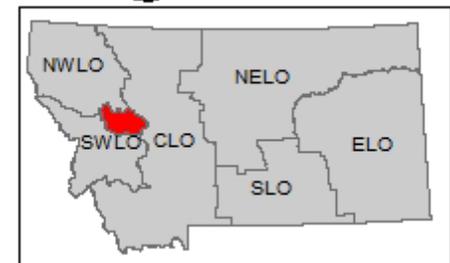


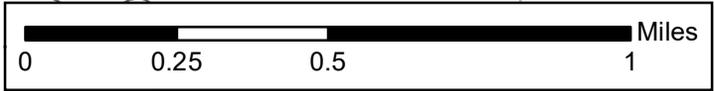
0 5 10 20 Miles



Produced by Montana Department of Natural Resources and Conservation 11/1/2019

Datum: NAD 1983 State Plane



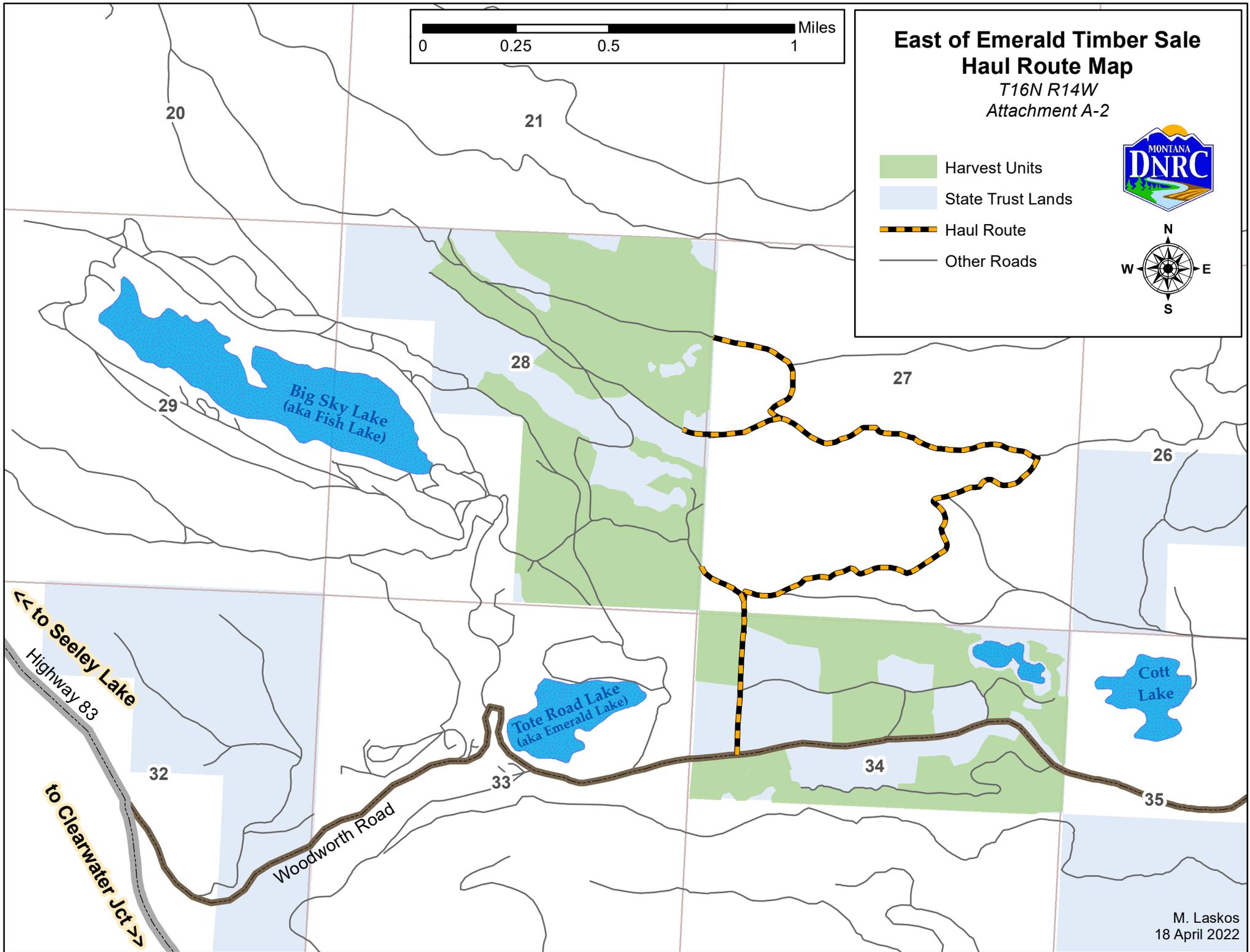


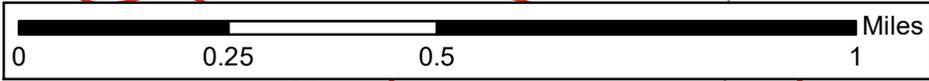
East of Emerald Timber Sale Haul Route Map

T16N R14W
Attachment A-2



- Harvest Units
- State Trust Lands
- Haul Route
- Other Roads



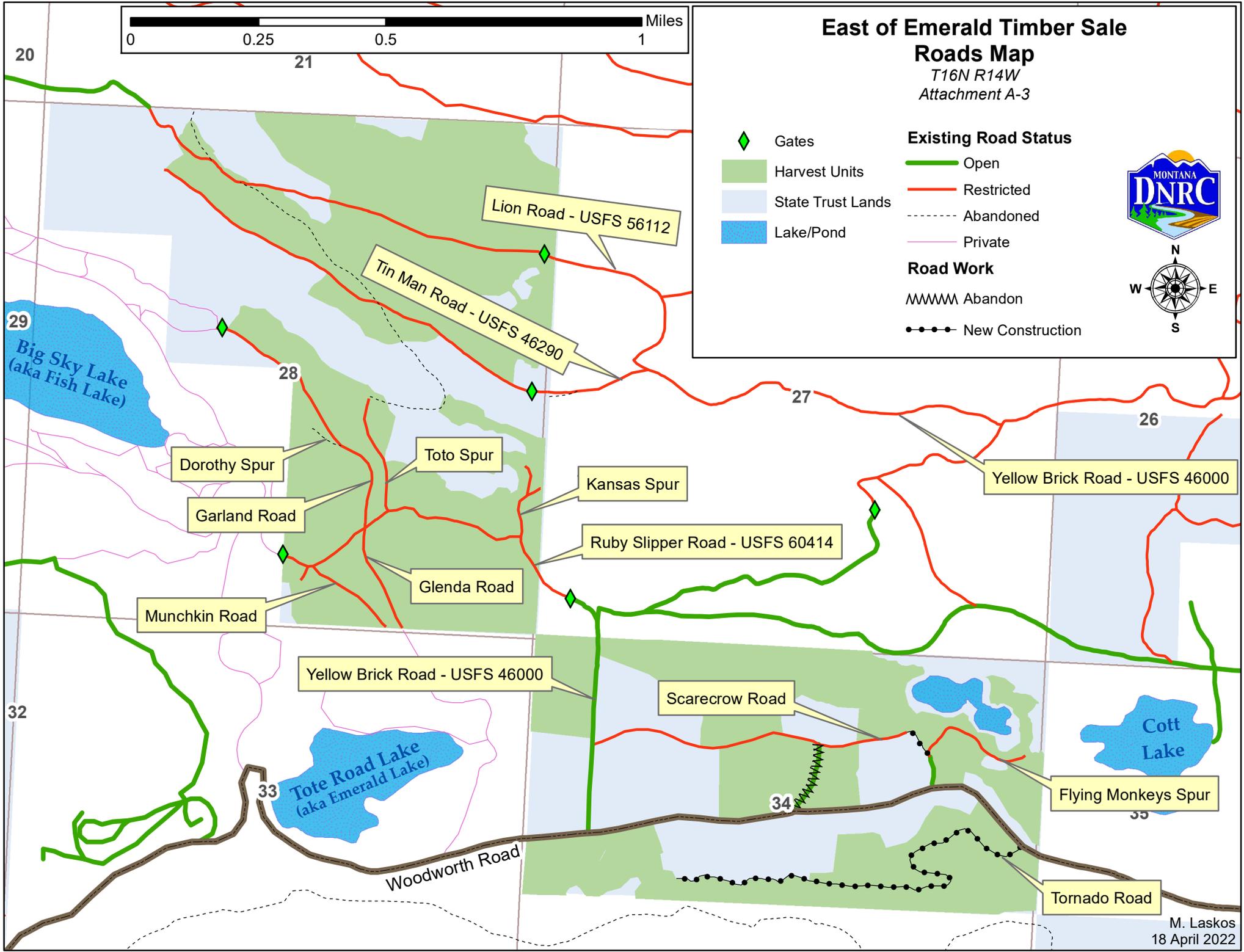


East of Emerald Timber Sale

Roads Map

T16N R14W
Attachment A-3

- Gates
- Harvest Units
- State Trust Lands
- Lake/Pond
- Open
- Restricted
- Abandoned
- Private
- Road Work**
- Abandon
- New Construction



20

21

Miles

0

0.25

0.5

1

29

28

27

26

32

33

34

35

Big Sky Lake
(aka Fish Lake)

Dorothy Spur

Garland Road

Munchkin Road

Yellow Brick Road - USFS 46000

Tote Road Lake
(aka Emerald Lake)

Woodworth Road

Toto Spur

Glenda Road

Kansas Spur

Ruby Slipper Road - USFS 60414

Lion Road - USFS 56112

Tin Man Road - USFS 46290

Scarecrow Road

Yellow Brick Road - USFS 46000

Cott Lake

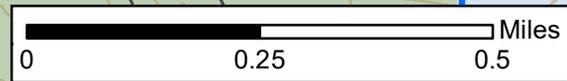
Flying Monkeys Spur

Tornado Road

East of Emerald Timber Sale Harvest Unit Map

T16N R14W
Attachment A-4

-  State Trust Lands
-  Gates
-  Powerline
-  Roads - County
-  Roads - Abandoned
-  Roads - Other
-  Lake/Pond
-  Wetland
- Land Ownership**
-  County Government
-  Montana Fish, Wildlife, and Parks
-  Montana State Trust Lands
-  US Forest Service
-  Sample-Marked Areas
-  Unit Piling Required
- Harvest Units**
-  Individual Tree Selection (improvement)
-  Individual Tree Selection (regeneration)
-  Insect Salvage
-  Section Lines
- 26** Section Labels



Contour Interval = 40 feet

