

THREEMILE 2 TIMBER SALE PROSPECTUS
MONTANA FISH, WILDLIFE & PARKS

Timber Sale Name:	Threemile 2 Contract # FWP# 20-0013		
Timber Sale Location:	Sections 3, 4, & 5 – T9N-R18W & Sections 28, 29, 30, 31, 32, & 33 – T10N-R18W		
For specific sale information, contact: Jason Parke			
Phone	406-444-7329	Unit Office:	
For copies of the Timber Sale Contract and bid forms, contact:			
Phone	406-542-4300	DNRC Forestry Assistance Bureau	DNRC Missoula Office

General Bidding Information

1. **Bids must be submitted on the joint DNRC FWP bid form specific to these two timber sales.** Sealed bids will be opened at the Department of Natural Resources and Conservation, 2705 Spurgin Road, Missoula, Montana on **November 7, 2019 at 2:00 pm**. Bids may be hand delivered or mailed and will be accepted any time prior to the bid opening. We recommend that bidders contact DNRC, Forestry Assistance Bureau, Forestry Division (406-542-4300) prior to the bid opening to ensure that your bid has been received.
2. 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.
3. Timber will be sold to the highest responsible bidder; however, FWP reserves the right to reject any or all bids.
4. The Purchaser must submit a **Performance Bond** to FWP within a maximum of **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 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.
5. 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.
6. 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.
7. FWP has estimated the net scale merchantable sawlog volume to be available for purchase under this contract. All delivered wood will be weighed and billed at per ton bid rates. Other products may be part of this sale. All delivered wood will be weighed and billed at per ton bid rates. FWP 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. FWP strongly recommends that bidders evaluate these effects before bidding.
8. FWP does not conduct detailed 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. FWP strongly recommends that bidders make their own estimates based on contract requirements. Cost estimates provided are not guaranteed.
9. 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.
10. 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.
11. 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:

- Traffic control:
 - The Threemile WMA is open to the public from May 15 to December 1 and is a popular recreation area. Approximately 9.6 miles of open road provide motorized public access to the WMA which overlap with many of the haul roads. Open roads shall remain accessible to public on nights (after 5PM) and weekends (Saturday-Sunday) to the extent possible. Open roads may be closed temporarily while logging activity is on-going on those road segments. Signage shall be placed on open roads where they will be blocked due to logging activity.
- Road work paid by the State:
 - There are road work items required in the contract that will be paid by the State and are not to be included in the stumpage rate. The State will pay the Purchaser \$150,000.00 for this work. The Purchaser will invoice FWP separately for this work.
- Operating Periods and Completion Dates:
 - Units 1, 7, 8a, 8b, and 9 are winter only units - December 1 to March 15 and under frozen or snow-covered conditions.
 - For Units 2, 3, 4, 5, 6a, 6b, 10, 11a, 11b, 12, & 13, the Purchaser must choose one summer operating period, either Summer 2020 or Summer 2021. Work may also occur in the Winter of 19/20, 20/21, and/or 21/22.
 - Winter 19/20 operating period – December 2, 2019 through March 1, 2020. Summer 2020 operating period – June 15, 2019 through October 16, 2020. Winter 20/21 operating period – December 1, 2020 through March 1, 2021. Summer 2021 operating period – June 1, 2021 through October 16, 2021. Winter 21/22 operating period –December 1, 2021 through March 1, 2022.
 - All timber harvest shall be completed by March 1, 2022.
 - Final road maintenance, road reclamation, and clean-up shall be completed by October 16, 2022.
- Other material:
 - The Purchaser may elect to remove other forest products not meeting the minimum sawlog manufacturing and recovery standards.
- Harvesting systems:
 - Approximately 102 acres are designated as skyline yarding. Alternative yarding systems may be approved. Areas not feasible for cable yarding such as blind-lead areas or low volume areas may be omitted if approved by the Forest Officer.
 - Whole-tree skidding is required in Units 8a and 8b to avoid slash accumulation in the grasslands.
- Marking:
 - Ten percent of the area of each unit has been sample marked (see project map for locations). The remaining acres will be designation by description.
 - The Purchaser's operator(s) that is responsible for cutting shall meet with the Forest Officer to review each unit in advance of cutting to ensure the operator understands the cutting description.
- Slash and downed wood treatment:
 - Slash concentrations must meet or exceed Montana's State Hazard Reduction Law. Slash concentrations exceeding this level shall be lopped and scattered or piled.
 - 5 to 10 tons of downed woody material larger than 3 inches in diameter shall be left scattered through the units.
- Noxious Weed Management:
 - All equipment used in road construction and off-road logging activity must be pressure-washed by the Purchaser and inspected by the Forest Officer prior to entering the sale area. This cleaning will remove all dirt, plant parts, and material that may carry noxious weed seeds into the sale area. Other equipment and vehicles entering and leaving the sale area shall be cleaned prior to start up and kept reasonably clean during the course of operations. All subsequent move-ins of logging and construction equipment shall be treated the same as the initial move-in.
 - All exposed bare mineral soils (except road surfaces of open roads) shall be grass seeded and fertilized (at rates prescribe in Attachment B) upon completing final maintenance/reclamation (or at a time designated by the Forest Officer). Harrowing is required on most road segments to ensure good seed-to-ground contact.
- Other:
 - This timber sale is being bid in conjunction with a separate Montana Department of Natural Resources and Conservation Good Neighbor Authority Timber Sale. **Purchasers will submit one bid for two separate timber sales. The two sales have separate contracts and all contract requirements such as bonds are separate. Contract requirements differ, and purchasers should familiarize themselves with all aspects of both timber sale packages. The timber sales have different minimum bid rates. The winning bid will be determined by adding together the total bid value of the FWP Threemile timber Sale and the GNA Threemile Timber Sale.**

- **Optional Units:** Units 6b and 11b are optional harvest units, units 2, 5 and 10 have skyline portions which are optional. The total estimated amount of skyline volume is 1,386 tons. For the purposes of estimating timber sale volumes and bid values FWP is only including **mandatory harvest volume of 18,414 tons**. Stumpage for optional volume is not factored into the overall bid value, the bid value will be based on the cumulative bid on FWP threemile mandatory units and GNA mandatory units. If the purchaser elects to harvest optional units, the stumpage rate for sawlogs will be the minimum bid rate of \$1.00/ton for sawlogs and \$1.00/ton for other material.
- **COMBINATION OF SKYLINE YARDING AND GROUND BASED SKIDDING:** If the Purchaser opts to log skyline units, skyline yarding is required in areas as designated on the sale map, Attachment A. Ground based yarding is permitted in areas as designated on the sale map. Locations and boundaries of yarding systems will be as directed by the Forest Officer.
- **Prebid Tour:**
 - FWP and DNRC are offering an optional pre-bid tour of the sale area. The Tour Date is **Friday November 1st at 10:00 am**. The tour will depart from the Three-Mile Trading Co. (Threemile Store). **Directions:** from Florence turn east onto the Eastside Hwy, proceed 6.6 miles and turn left (east) onto Threemile road then proceed 2.5 miles to the Three-Mile Trading Co. The tour will depart from the store. Direction from the store to the WMA: Proceed 6.7 miles on Threemile road to the WMA entrance.
 - **PLEASE RSVP to Jason Parke (444-7329) if you plan on attending the tour. If there are no RSVP's for the tour, the tour will be cancelled.**

Timber Sale Information Sheet
Montana Fish, Wildlife, & Parks

THREEMILE 2 TIMBER SALE											
Timber Sale Cruise Data											
SPECIES	PP	DF	WL	LP	ES	WF	CE	WP	Dead-PP	TOTAL or AVE	
Minimum Bid											
Pounds per cubic foot	62	62							40.0		
Estimated tons of sawlogs (5.6" top DIB)	13,153	6,261							386	19,800 tons	
Estimated tons of other material (pulp, etc)										not estimated	
Gross MBF (Scribner 5.6" top DIB)	2,362	727							146	3,235 MBF	
% Cull and Breakage	8.6	0.6							52	8.7%	
Net MBF (Scribner 5.6" top DIB)	2,159	723							70	2,952 MBF	
Average logs per MBF	36.6	41.6							20.7	37.3 logs/M	
Average DBH (Sawlogs)	13.1	11.5							19.4	12.9 in.	
Average tons per acre harvested in leave-tree marked units										0 tons/ac	
Average tons per acre harvested in cut-tree-marked units										13 tons/ac	
Average MBF to cut per acre on the timber sale										2.0 MBF/ac	
Range of cut trees per acre based on unit cruise										40 to 318	
Calculated Sampling Error: Total cruised volume will fall between	2,489 and 3,415 Net MBF in 9 out of 10 cruises									15.7%	
Tons Per Thousand Board Feet											
Contract Value - Estimated tons hauled per thousand Scribner board feet	19,800 estimated tons to a 5.6 inch top / 2,952 Net MBF Scribner to a 5.6 inch top DIB									6.71 tons/MBF	

Contract Information	
Contract ending date	12/31/2022
Contract length	37 Months
Operating Season:	Logging: See Attachment A--Section VII.F-UNIT DESIGNATIONS. Roads: See Attachment B--Table B-1.

Logging Information	
% of volume logged by clearcut or seed tree cut	00%
% of volume logged with tractors	93%
% of volume logged by ground lead (jammer)	00%
% of volume logged by skyline	07%
Yarding distance tractor (average)	not estimated
Yarding distance ground lead (average)	not estimated
Yarding distance skyline (average)	not estimated
Estimated haul distance to PML (paved)	82.0 miles
Estimated haul distance to Weyerhaeuser (paved)	156.0 miles
Estimated haul distance to Willis Ent. (unpaved)	37.0 miles
Estimated haul distance (unpaved)	10.5 miles

Purchaser fees and estimated costs	
Forest Improvement fee perMBF	N/A
Forest Improvement fee per ton	#VALUE!
Forest Improvement fee estimated total	#VALUE!
Forest Improvement fee quarterly installment	#VALUE!
Estimated Purchaser-do FI total \$	not estimated
Estimated Purchaser-do FI per ton	#VALUE!
Estimated Purchaser-do slash disposal work total	not estimated
Estimated Purchaser-do slash disposal work per ton	#VALUE!
Bid Guarantee (total \$)	Five percent
Performance Bond (total \$)	N/A

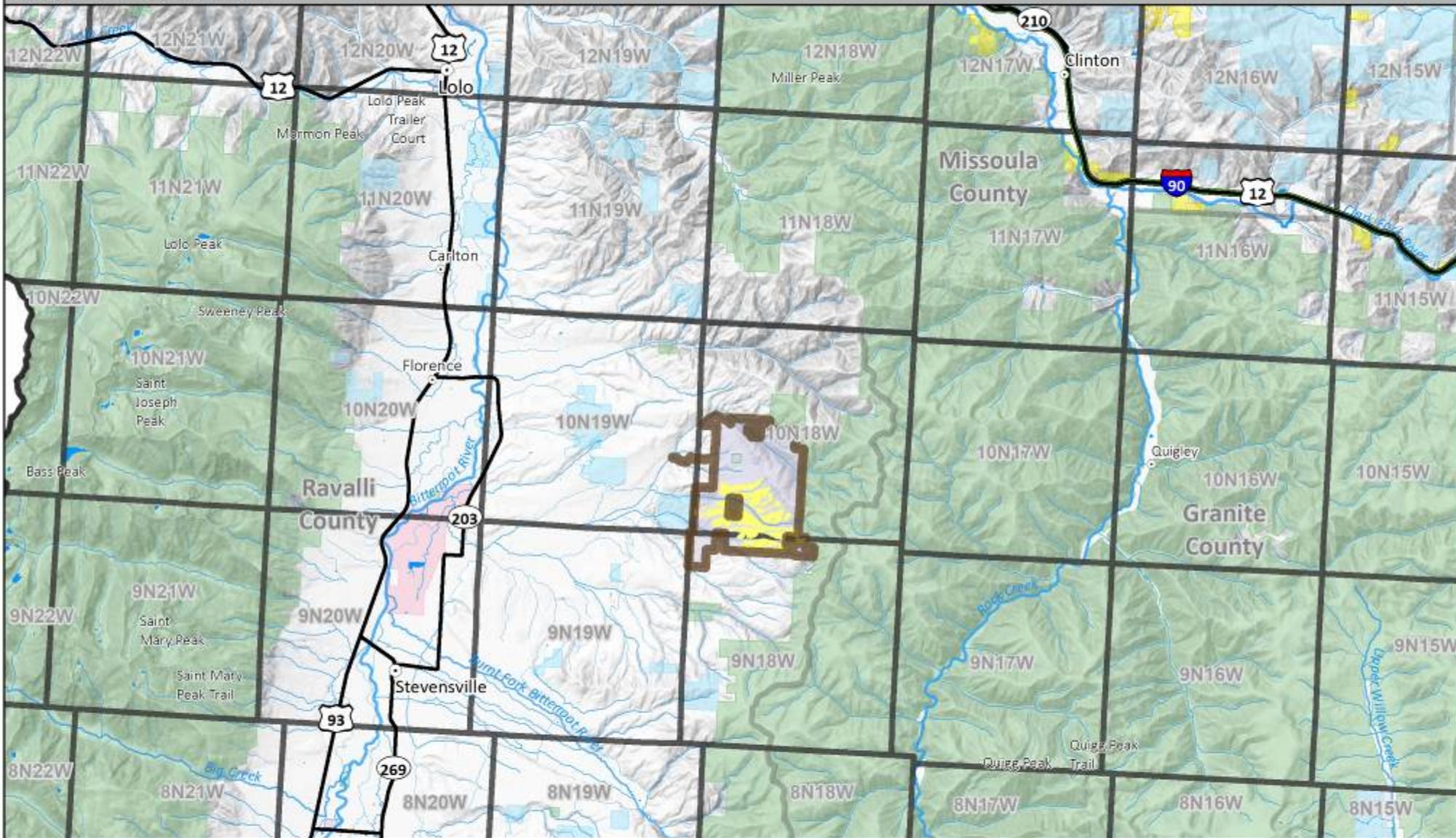
Road development and maintenance fees and estimates	
Estimated road development cost total	not estimated
Estimated road development cost per ton	#VALUE!
Estimated road development cost perMBF	#VALUE!
Estimated Purchaser-do road maintenance cost total	not estimated
Estimated Purchaser-do road maintenance cost per ton	#VALUE!
Private road maintenance charges per ton	\$0.00/ton
USFS road maintenance charges per ton	\$0.00/ton
Miles of road construction	3.4 miles
Miles of road reconstruction	18.0 miles
Miles of road with site improvements	24.1 miles
Miles of road reclamation or abandonment	0.7 miles
Miles of road maintenance and blading	9.1 miles

Unit harvest volume				
Unit #	Acres	Est Tons	Est MBF	Harvest date
1	154	1,255	193	March 15, 2020
2	180	2,569	363	March 15, 2020
3	30	360	49	March 15, 2020
4	46	251	40	March 15, 2020
5	102	162	97	March 15, 2020
6a	11	221	31	March 15, 2020
6b	12	253	35	March 15, 2020
7	6	98	14	March 15, 2020
8a	206	2,270	349	March 15, 2020
8b	21	236	35	March 15, 2020
9	24	389	55	March 15, 2020
10	431	7,068	1,003	March 15, 2020
11a	9	415	61	March 15, 2020
11b	13	587	86	March 15, 2020
12	241	3,363	496	March 15, 2020
13	7	303	45	March 15, 2020
	1,493 Ac.	19,800 tons	2,952 MBF	

Threemile 2 Timber Sale

MONTANA FWP

Attachment A1 - Vicinity Map



- | | |
|---|--|
|  Threemile WMA |  Other Federal Land |
|  Harvest Units |  US Forest Service |
| Public Lands |  Montana Fish, Wildlife & Parks |
|  US Bureau of Land Management |  Montana State Trust Land |

Map Produced by: Jason Parke, Forester
Wildlife Division/Habitat Bureau
Threemile 2 Timber Sale
April 4, 2019

Scale 1:250,000
1 in = 3.95 mi

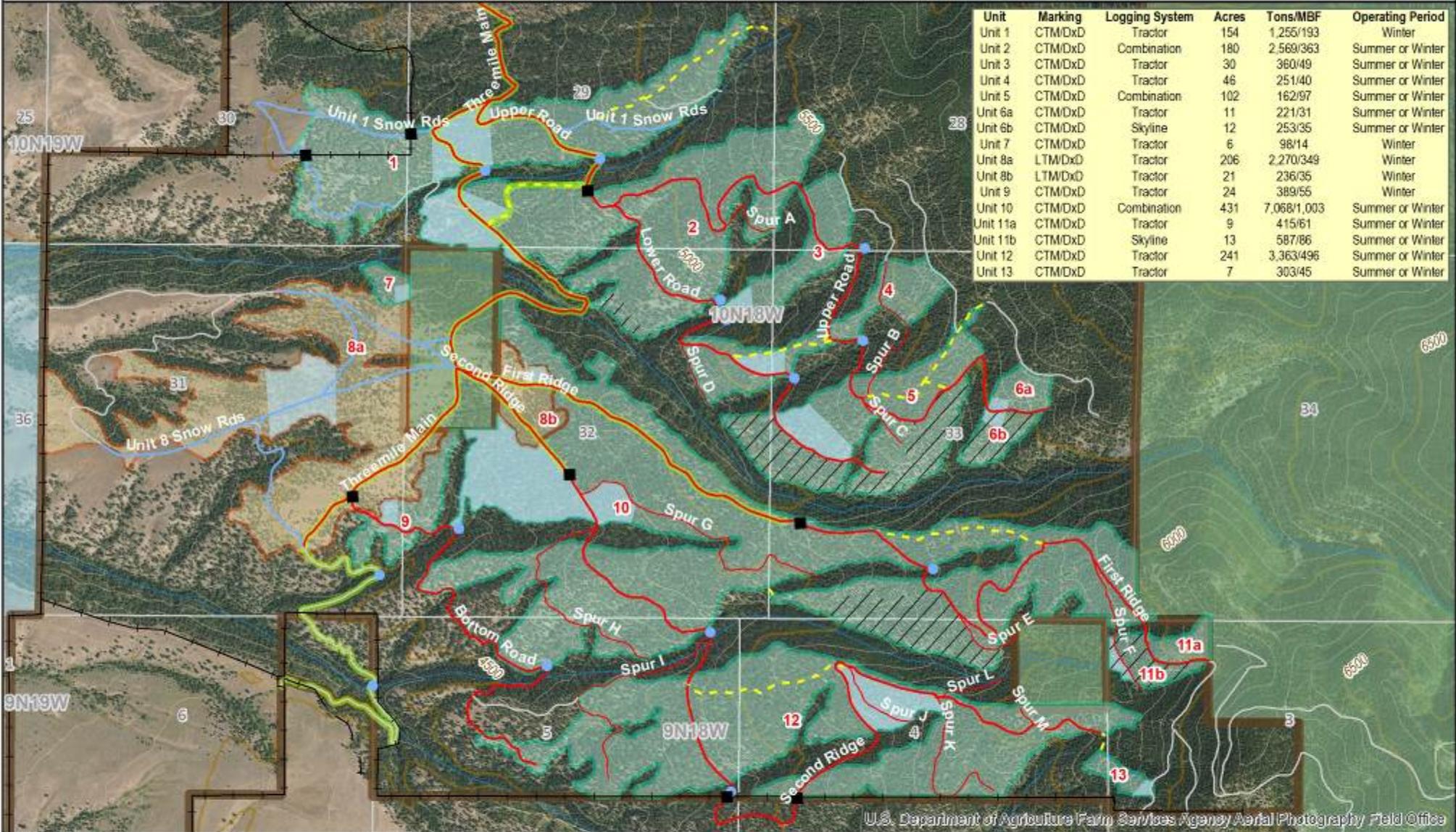
0 2.5 5
Miles



Threemile 2 Timber Sale

MONTANA FWP

Attachment A2 - Harvest Unit Map



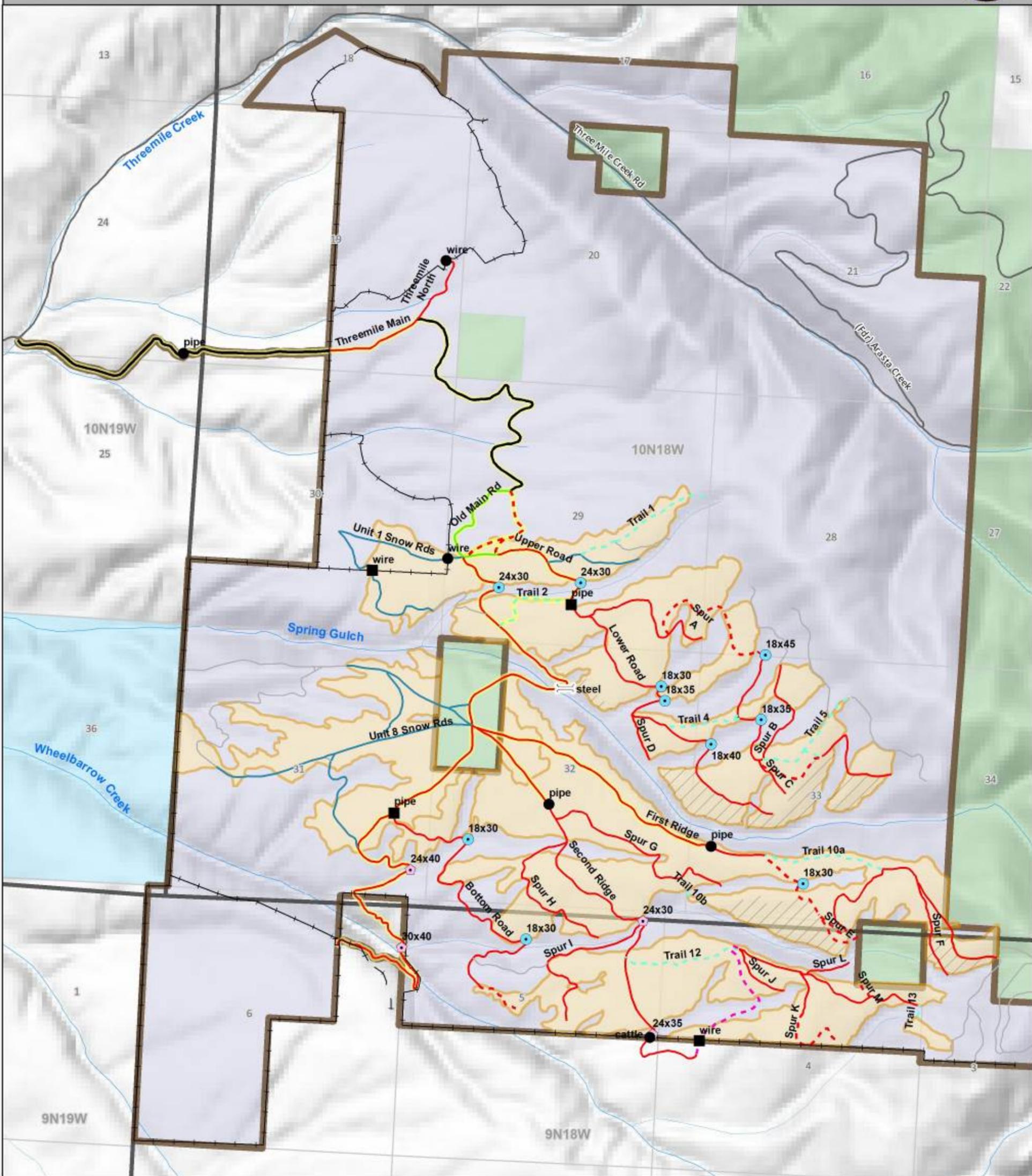
Unit	Marking	Logging System	Acres	Tons/MBF	Operating Period
Unit 1	CTMDxD	Tractor	154	1,255/193	Winter
Unit 2	CTMDxD	Combination	180	2,569/363	Summer or Winter
Unit 3	CTMDxD	Tractor	30	360/49	Summer or Winter
Unit 4	CTMDxD	Tractor	46	251/40	Summer or Winter
Unit 5	CTMDxD	Combination	102	162/97	Summer or Winter
Unit 6a	CTMDxD	Tractor	11	221/31	Summer or Winter
Unit 6b	CTMDxD	Skyline	12	253/35	Summer or Winter
Unit 7	CTMDxD	Tractor	6	98/14	Winter
Unit 8a	LTWDxD	Tractor	206	2,270/349	Winter
Unit 8b	LTWDxD	Tractor	21	236/35	Winter
Unit 9	CTMDxD	Tractor	24	389/55	Winter
Unit 10	CTMDxD	Combination	431	7,068/1,003	Summer or Winter
Unit 11a	CTMDxD	Tractor	9	415/61	Summer or Winter
Unit 11b	CTMDxD	Skyline	13	587/86	Summer or Winter
Unit 12	CTMDxD	Tractor	241	3,363/496	Summer or Winter
Unit 13	CTMDxD	Tractor	7	303/45	Summer or Winter

Harvest Units 8a Conifer removal 1 Commercial thin Sample marking Skyline	Label ● Culvert Gate Fences Open roads	Roads & trails Haul route Spur road Snow road Designated skid trl Other roads	Public Lands US Forest Service State (DNRC) Threemile WMA Boundary	Map Produced by: Jason Parke, Forester Wildlife Division/Habitat Bureau Threemile 2 Timber Sale April 18, 2019 Scale 1:24,000 1 in = 2,000 ft Miles 	Area of Interest
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U.S. Department of Agriculture Farm Services Agency Aerial Photography Field Office

Threemile 2 Timber Sale

Attachment B1 - Initial Road Work Map



LEGEND

Threemile 2 roads

- Type of work**
- Maintenance (2.7 mi)
 - - - New Construction (2.8 mi)
 - None
 - Reclamation (0.6 mi)
 - Reconstruction (18.0 mi)
 - Snow Road (4.0 mi)
 - - - Temporary (0.6 mi)
 - - - Designated Trail (2.8 mi)

- Major Roads
- WMA public designated route
- Fences

Threemile 2 points

- Type of work**
- Existing gate (type)
 - New gate (type)
 - Install culvert (dia. in. x len. ft.)
 - Replace culvert (dia. in. x len. ft.)
 - Replace bridge

- Threemile 2 harvest unit
- Skyline units

Public Lands

- US Forest Service
- Montana Fish, Wildlife & Parks
- Montana State Trust Land

Map Produced by: Jason Parke, Forester
Wildlife Division/Habitat Bureau
Threemile 2 Timber Sale
April 4, 2019

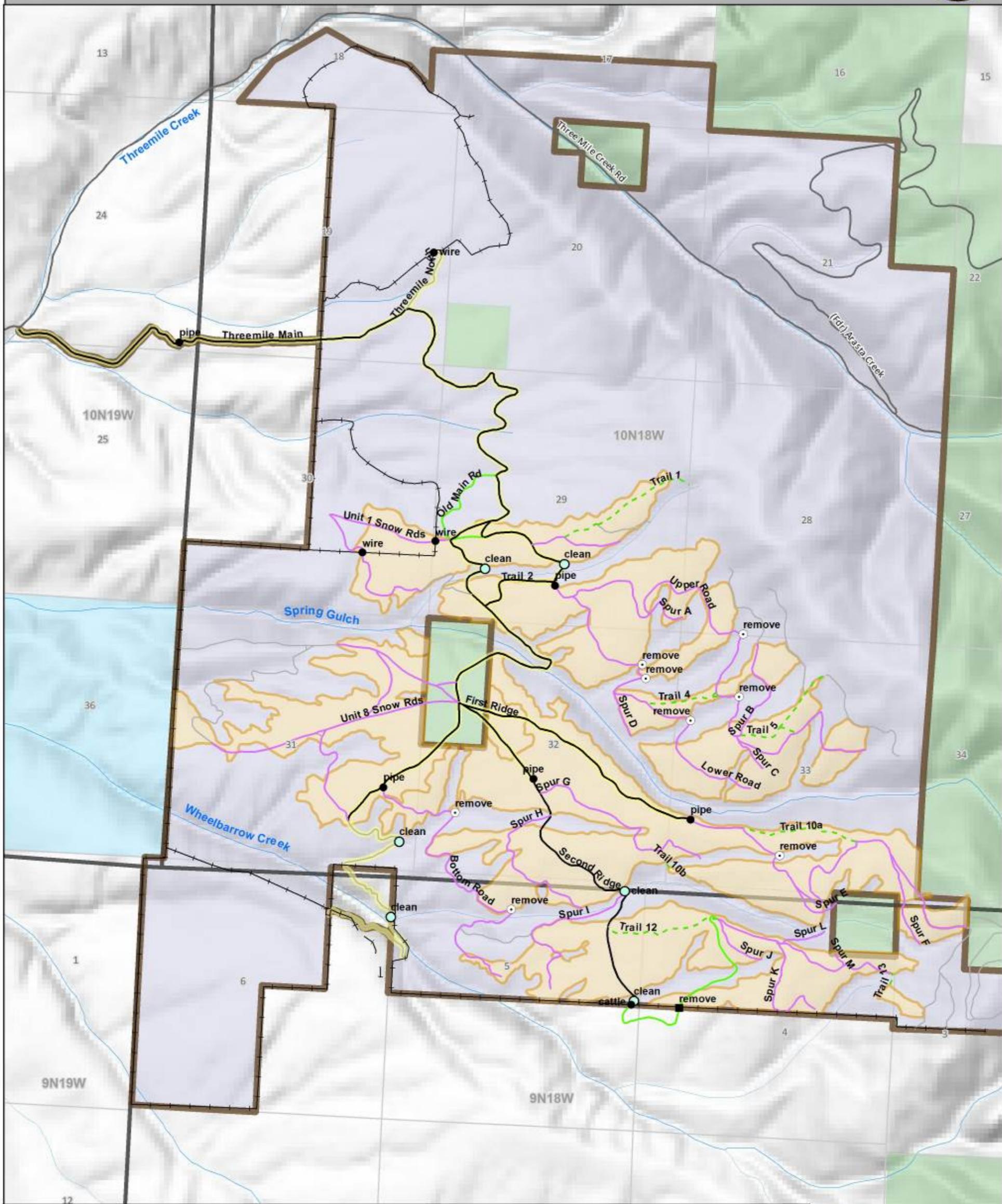
Scale 1:24,000
1 in = 2,000 ft

Miles 0 0.25 0.5



Threemile 2 Timber Sale

Attachment B2 - Final Road Work Map



LEGEND

- Type of work**
- Maintenance (9.1 mi)
 - None
 - Reclamation (1.5 mi)
 - Rehab (17.1 mi)
 - - - Skid trail rehab (2.5 mi)
 - WMA public designated route

- Major Roads
 - Fences
- Type of work**
- Remove culvert
 - culvert maintenance
 - Existing gate (type)
 - Remove gate (type)

- Threemile 2 treatment unit
- Public Lands**
- US Forest Service
 - Montana Fish, Wildlife & Parks
 - Montana State Trust Land

Map Produced by: Jason Parke, Forester
Wildlife Division/Habitat Bureau
Threemile 2 Timber Sale
April 4, 2019



Scale 1:24,000
0 0.2 0.4
Miles