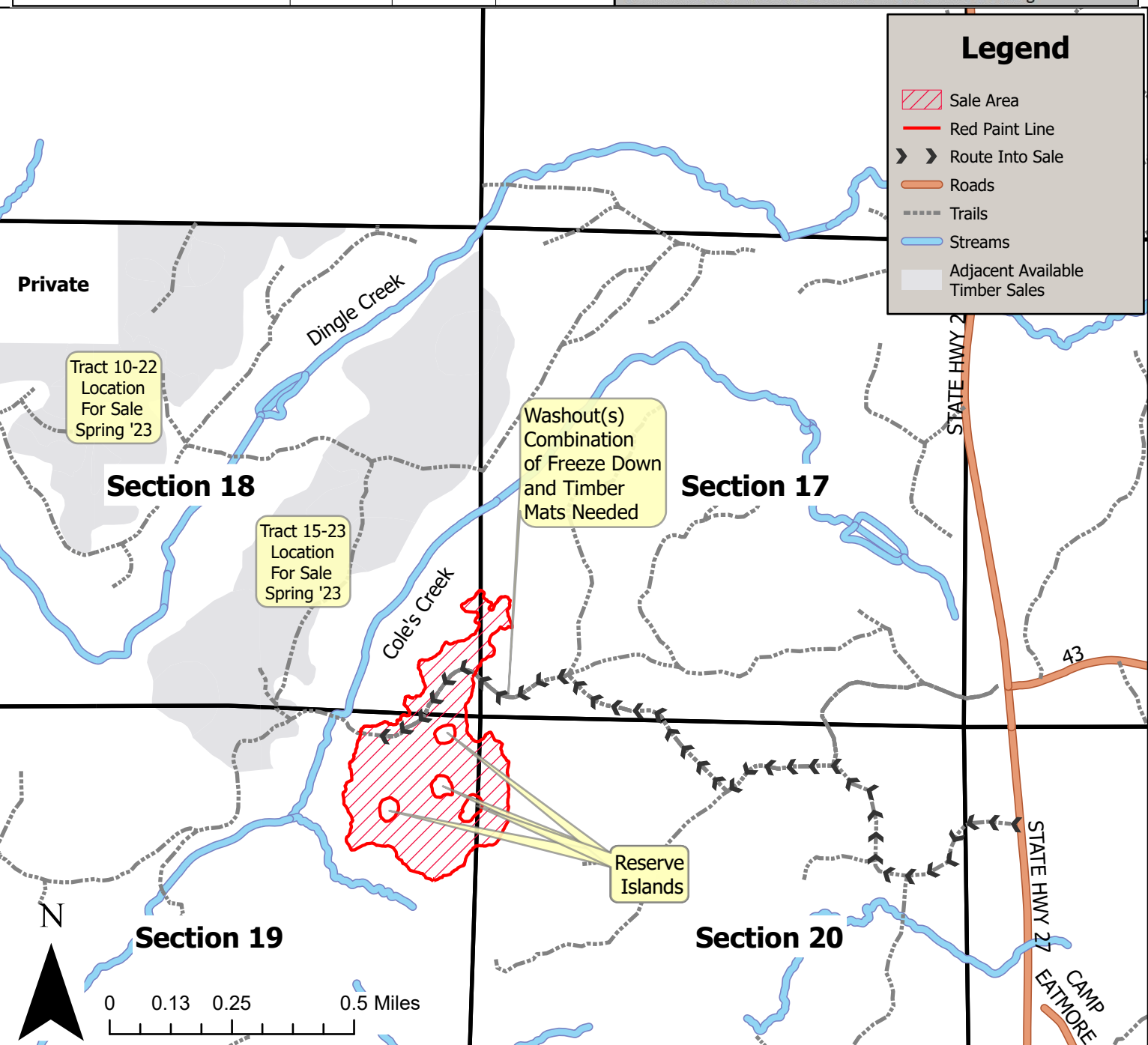


Bayfield County Forestry & Parks Department

Forester: Caleb Brown			Compartment: 180 & 184	Stand: 3 & 33, 34	Tract Number: 05-23
Twp: T43N	Range: R9W	Sec: 19, 18, 20, & 17	Township: Barnes	Contract Number:	
Topography: Level & Gently Rolling			Reforestation Code: NA	Soil: Silt Loam, Loam, & Sandy Loam	Acres: 67

Estimated Volumes				*Approximately 36% Black Ash, 28% Red Maple, 15% White Birch, 10% Ironwood, 9% Sugar Maple, 1% Cherry and 1% Other **Approximately 58% Black Ash, 24% Red Maple, 11% White Birch, 6% Sugar Maple, and 1% Other
Species	Whole Tree (Tons)	4" Roundwood (Tons)	Sawlogs (MBF)	
Aspen	2702	2053	-	Other -Frozen Ground Operations Only -3 Year Contract -Combination of Freeze Down and Timber Mat Crossing
Mixed Hardwood	1934	1452*	17**	



TRACT 05-23 – SUPPLEMENTAL REQUIREMENTS

The following terms and conditions supplement those provided in the Bayfield County Timber Sale Contract.

A. PRESCRIPTION:

- The sale area has a coppice prescription with scattered conifer and elm reserves with an estimated average residual basal area of 5 sq. ft. in addition to scattered hardwood reserve islands.

B. HARVEST REQUIREMENTS:

- Harvest all hardwood stems 2 inches and greater except oak, elm, and basswood. Leave all conifer.

C. HARVEST AND OPERATIONAL REQUIREMENTS AND SEASONAL RESTRICTIONS:

- Frozen harvest operations only (as determined by the county).
- Utilization specification is to a 4" top. However, if the County determines that pulpwood markets continue to be very poor at the time of harvest the County will sign a contract amendment with the purchaser changing the utilization specification to a 5" top for the selected species. When determining condition of the market, the County will pay particular attention to the amount of wood being purchased by the mills in Wisconsin Rapids and any other significant shifts in the wood demand.
- There are multiple small wet areas south of the haul road that are primarily occupied by alder. Avoid operations in these areas.
- Sale boundaries are red paint line.
- If harvest will utilize the whole tree, 1 in 10 tops must be left scattered throughout the sale.
- Do not damage any survey monumentation.

D. ACCESS AND ROADS:

- Access road into sale is washed out in several places just before entering sale (see map). Contractor is responsible for installing temporary crane mat crossings under frozen conditions over these washouts and removing them upon the completion of the sale to the specifications of the sale administrator. Bayfield County may be able to supply the timber mats, but only if there is enough in stock. Bayfield County does not guarantee that mats will be in stock or available for use. The Contractor must contact Bayfield County to confirm mats are in stock and, if so, make arrangements for pick-up. If Bayfield County does not have sufficient stock and, if so, make arrangements for pick-up. If Bayfield County does not have sufficient stock, then the Contractor will be responsible for the timber mats.
- The washouts referenced above must be stabilized prior to sale closeout to comply with BMP's. Work closely with the sale administrator when opening the road. If the road is constructed properly, it may save the expense of bring a machine to the crossing on non-frozen ground to properly stabilize the crossing when hauling is complete. One possibility is to ensure the bottom of the washout is deep enough to allow free flow of water across the road and grade the banks back at a 1 to 1 slope. Then use snow or mats to assist in freezing the road for sale access.
- An alternative access route to the sale is available from the west, crossing Cole Creek. This also can be done in a similar manner listed above (combination of frozen ground and timber mats). If the combination of frozen ground and timber mats is not sufficient and soil disturbance is required to set bridging structures, or the streams are not iced over, the county can acquire the appropriate permits with sufficient notice.
- This contract requires County authorization for all road/landing construction and places a number other requirements on road construction and closure.
- Decking of wood along town roads will not be allowed without permission from Bayfield County.

E. OTHER:

- To comply with Best Management Practices for Invasive Species: Prior to moving equipment onto or off the sale area, scrape or brush soil and debris from exterior surfaces to the extent practical.
- This sale includes 2 trees that are painted with a purple "W" (one north of the haul route, the other south of but in sight of the haul route). Operator must fell and leave all trees marked with a purple "W". "W" marked trees should be cut 5 feet above ground level and should lie as close to the high stump as possible. These trees will create ruffed grouse drumming habitat.