

DEPARTMENT OF NATURAL RESOURCES STATE OF MICHIGAN TIMBER SALE PROSPECTUS #7045

SCHEDULED SALE DATE AND TIME: 1:00 p.m. (local time) on July 25, 2022. LOCATION: GWINN MGMT UNIT, 410 WEST M 35, GWINN, MI 49841.

<u>PROSPECTUS NOTE:</u> The bidder is advised to inspect the sale area and review the location, estimated volumes, operating costs and contract terms of proposed sales. Please be aware that some landowners may request 60 days or more notice for access across their land.

Notice is hereby given that bids will be received by the Unit Manager, GWINN MANAGEMENT UNIT, for certain timber on the following described lands:

Soggy Deadhorse (32-001-21) / T44N, R23W, SEC. 23, NENE, SW, W1/2SE.

T44N, R23W, SEC. 26, N1/2NW, SENW, W1/2NE, E1/2SW, SE.

T44N, R23W, SEC. 35, NW, NE, N1/2SE.

T44N, R23W, SEC. 36, W1/2NW, NWSW.

Marquette County, Advertised Price \$247,872.30, 580.4 Acres, Hardwood, Spruce/Fir/Tamarack.

SALE NOTE: this sale was cruised with the new cruise protocol and may not be what producers are used to.

Access may be through other public land.

Land Down Under (32-002-21) / T43N, R24W, SEC. 3, NWNW, NWSW.

T43N, R24W, SEC. 4, NWNW, NE, S1/2SW, N1/2SE, SWSE.

T43N, R24W, SEC. 5, E1/2SW, S1/2SE.

T43N, R24W, SEC. 5, NENW, S1/2NW, N1/2NE, SWNE.

T43N, R24W, SEC. 6, E1/2NW,N1/2NE.

T43N, R24W, SEC. 8, NENW, N1/2NE.

T43N, R24W, SEC. 9, N1/2NW.

T44N, R24W, SEC. 31, S1/2SE.

Marquette County, Advertised Price \$174,345.30, 358.9 Acres, Hardwood, Spruce/Fir/Tamarack.

SALE NOTE: All units of volume listed for this sale were estimated using the Inventory Manager computer program and the new Michigan taper model.

Access across private property is required for Payment Units 5-15.

See sale spec 4.2.2 for information on need fill material.

Access may be through private land.

BID INSTRUCTIONS (VER. 07/02/2018):

1. Scheduled Bid Location, Date, and Time (2/11)

Bids must be received by the Unit Manager, GWINN OFFICE, 410 WEST M 35, GWINN, MI 49841, no later than 1:00 p.m. (local time) on July 25, 2022. For further information concerning this sale, contact Kristen Matson at 906-346-9201 extension 103.

2. Bidder's Qualifications (5/16)

Purchaser shall obtain workers compensation insurance to cover claims under Michigan's Worker's Disability Compensation Act of 1969 or similar employee benefit act of any other state applicable to an employee. If all or part of a timber sale was prepared by a private contractor, the contractor and that contractor's company are not permitted to bid on the timber sale contract. Bids will not be accepted from individuals or companies appearing on the DNR/FRD No-Bid List. This list contains the names of purchasers who previously failed to execute a contract within 21-days or who have a history of poor performance.

3. Preparation of Sealed Bids (5/16)

Bid Forms may be completed online thru Michigan DNR Timber Sale Online Bidding (OLB) at www.michigan.gov/timberbidding or by completing the hardcopy Bid Form found in the Timber Sale Prospectus. Hardcopy Bid Forms shall be manually signed in ink. Registration in OLB is considered your 'signature' for all bids submitted thru that system. Bid prices must be entered for each species and product in the Bid Price column for all material subject to bidding and all fill-in blanks must be completed. If erasures or other changes appear on the hardcopy Bid Form, each erasure or change must be initialed by the person signing the bid.

4. Submission of Sealed Bids (5/16)

Bid forms may be obtained from the Unit Manager or thru OLB. Bids may be submitted hardcopy or thru OLB. All hardcopy bids must be submitted on the bid form and in an envelope clearly identified as described in this section. NOTE: Only one bid form per bid envelope. Sealed bids must be submitted to the Unit office designated in the prospectus and must be submitted at or prior to the time established in the prospectus. The envelope should show on the outside (a) the sale name or number and (b) the date and time of bid opening, as shown in the prospectus. Bids received after the time specified in the sale prospectus are late bids and will be rejected.

It is possible for a bidder to submit multiple bids on a single sale. For example, a bid may be submitted hardcopy and a bid may be submitted thru OLB. Or, two bidders from the same company could both submit bids on the same sale. If this were to happen, the State would accept all bids received and award the contract accordingly. All bidding and contractual requirements would apply to all bids received.

5. Public Opening of Sealed Bids (7/16)

If conditions permit, the sealed bids will be publicly opened and posted at the time and place set in the prospectus.

If a bidder, present at a bid opening, has submitted bids on more than one sale, that bidder may withdraw their unopened bid envelopes or announce the withdrawal of their online bid after being declared the successful bidder on one sale.

6. Award of Contract (1/11)

Award of the contract will be made to the Bidder whose bid, conforming to the prospectus, is most advantageous to the State of Michigan on the basis of total value at rates bid for the estimated quantities. The State reserves the right to reject any bid or waive any minor irregularity in bids received. A written award mailed (or otherwise furnished) to the successful Bidder shall be deemed to result in a binding contract without further action by either party.

7. Down Payment (1/11)

The Bidder to whom award is made must make a down payment within 21 days of the sale award. The amount of the down payment will be calculated as shown in the Bond and Payment Schedule of this prospectus. Only cash may be used to meet this requirement.

8. Performance Security (1/11)

As guarantee of faithful performance, a cash bond, certificate of deposit, surety bond or irrevocable letter of credit (LOC) is required within 21 days of the sale award. The amount of the performance security is shown in the Bond and

Payment Schedule of this prospectus. If an LOC or surety is used, the coverage must extend for at least 6 months beyond the contract expiration.

9. Timber Sale Contract (7/18)

Additional conditions and requirements common to all timber sales are listed on the timber sale contract (R4031) and are available on line at www.michigan.gov/timber. Contact the Unit Manager for additional information or a sample contract. Within 21 days of the date of the award letter, the bidder must sign the contract and provide the required down payment, performance security, and verification of worker's disability compensation. The down payment and performance security shall be in accordance with the provisions of the timber sale contract, in the sums stated in this prospectus. If these actions are not taken, then the Bidder, the Bidder's corporation, and the corporation's principals may not be permitted to bid on State timber sales for a period of 3 months after the first offense, 6 months after the second offense, and 1 year after the third offense. An offense will only be counted against the Bidder for 5 years. In addition, the Bidder certifies that if awarded this contract, the Bidder will complete the timber sale contract in accordance with its terms and any modifications thereof including requirements to purchase, cut, and remove the included timber by the expiration date.

Payment Unit values in the State Forest Timber Sale Contract are calculated based on the advertised value of the Payment Unit as a percentage of the total advertised value of the contract. The advertised value of each Payment Unit is given in the Description of Timber by Payment Unit table on the Timber Sale Information page. For example, if the value of Payment Unit 1 is advertised as \$1,500 and the total Timber Sale value is advertised as \$10,000, the contract price for Payment Unit 1 will be 15% of the total bid price (\$1,500/\$10,000 * 100).

10. Disclaimer of Estimates and Bidder's Warranty of Inspection (7/16)

Before submitting this bid, the Bidder is advised and cautioned to inspect the sale area, review the requirements of the sale contract, and take other steps as may be reasonably necessary to ascertain the location, estimated volumes, construction estimates, and operating costs of the proposed sale. Failure to do so will not relieve the Bidder from responsibility for completing the contract.

The Bidder warrants that this bid is submitted solely on the basis of the Bidder's examination and inspection of the quality and quantity of the timber offered for sale and the Bidder's opinion of the value thereof and the costs of recovery . No reliance should be placed on the State of Michigan's estimates of timber quality , quantity or costs of recovery. Bidder further acknowledges that the State of Michigan: (i) expressly disclaims any warranty of fitness of timber for any purpose; (ii) offers this timber as is without any warranty of quality (merchantability) or quantity and (iii) expressly disclaims any warranty as to the quantity or quality of timber sold.

11. Certification and Chain-of-Custody (10/14)

Unless otherwise indicated in the contract under section 7 – Other Conditions of the Sale Specific Conditions & Requirements, the area encompassed by this timber sale is certified to the standards of the Forest Stewardship Council (FSC) - Certificate #SCS-FM/COC-00090N and the Sustainable Forestry Initiative (SFI) - Certificate #NSF-SFIS-5Y031-SF5. Forest products from this sale may be delivered to the mill as "FSC 100% and / or SFI certified" as long as the contractor hauling the forest products is chain-of-custody (COC) certified or covered under a COC certificate from the destination mill. The purchaser is responsible for maintaining COC after leaving the sale area.

12. Good Neighbor Authority (GNA) Requirements (7/16)

If the name of this timber sales contains the acronym GNA, it is authorized by the Good Neighbor Authority (GNA) and covered by various agreements between the U.S. Forest Service and the State. The timber sale occurs on federal land and the following conditions apply:

GNA contracts on US Forest Service land will not be awarded to purchasers on the Federal list of excluded parties. The System for Award Management (SAM) will be checked for active excluded parties prior to award of contract. In addition, the Bidder to whom award is made must complete an Assurance Regarding Felony Conviction or Tax Delinquent Status for Corporate Applicants (AD-3031).

13. Good Neighbor Authority (GNA) Requirements, con't (9/16)

Bidder certifies, by signing this bid form, that to the best of Bidder's knowledge that the following representations are accurate and complete.

- a. That the Bidder and its principals are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntary excluded from timber sales (covered transactions) by any Federal department or agency.
- b. That the Bidder and its principals have not within a 3-year period preceding this bid been convicted of or had a civil judgment rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State, or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property.
- c. That the Bidder and its principals are not presently indicted for or otherwise criminally or civilly charged by a governmental entity (Federal, State, or local) with commission of any of the offenses enumerated in paragraph b of this certification.
- d. That the Bidder and its principals have not within a 3-year period preceding this bid had one or more public transactions (Federal, State, or local) terminated for breach or default of a timber or forest product contract.

Bidders that cannot certify this requirement, in whole or in part, shall submit an explanation with their bid.

DAN EICHINGER
Director

TIMBER SALE INFORMATION

Soggy Deadhorse (32-001-21)

T44N, R23W, SEC. 23; T44N, R23W, SEC. 26; T44N, R23W, SEC. 35; T44N, R23W, SEC. 36.

Marquette County (Advertised Price \$247,872.30)

SALE NOTE: this sale was cruised with the new cruise protocol and may not be what producers are used to.

Access may be through other public land.

A timber sale contract for this lump sum, sealed bid timber sale will be awarded to the responsible bidder offering the highest sealed bid price. All units of volume listed below were estimated using the Inventory Manager computer program and the new Michigan taper model. Bids must be at or above the following advertised price for each product and species:

PRODUCTS & SPECIES	ESTIMATE	D UNITS*	ADV	ERTISED PRICE
Sawtimber				
Basswood	114.7	MBF	\$	43.00 / MBF
Black Ash	16.0	MBF	\$	14.00 / MBF
Quaking Aspen	38.3	MBF	\$	73.00 / MBF
Red Maple	632.5	MBF	\$	110.00 / MBF
Sugar Maple	377.0	MBF	\$	180.00 / MBF
White Spruce	15.7	MBF	\$	25.00 / MBF
Pulpwood				
B. T. Aspen	44	Cords	\$	17.80 / Cord
Balsam Fir	331	Cords	\$	9.80 / Cord
Balsam Poplar	29	Cords	\$	17.80 / Cord
Black Ash	871	Cords	\$	13.20 / Cord
Green Ash	71	Cords	\$	13.20 / Cord
Mixed Hardwood	5,868	Cords	\$	13.20 / Cord
Mixed Spruce	402	Cords	\$	11.30 / Cord
Quaking Aspen	175	Cords	\$	17.80 / Cord

^{*} The total volume is statistically estimated within plus (+) or minus (-) 3.51 percent. There are an estimated 10,692 cords on this timber sale, plus or minus 376 cords at the 95% confidence level. The estimated units are final and not subject to adjustment. Prospective bidders are urged to examine this timber and to make their own estimates of quantity and quality.

BOND AND PAYMENT SCHEDULE:

- 1. A bond in the amount of \$12,394.00 to insure faithful performance of the conditions of the contract will be deposited by the successful bidder within 21 days of the sale award.
- 2. Cutting in any sale or unit without the required advance payment would be considered a trespass.
- 3. Total payment must be paid in advance or according to the following schedule:
 - (a) Ten percent (10%) of the sale value must be paid within 21 days of the sale award.
 - (b) The 10% down payment will be credited towards the first unit cut.

(c) Payment for each of the following units must be made before cutting begins in that unit:

PAYMENT UNIT NUMBER

PERCENT OF TOTAL SALE VALUE

NIT NUMBER	PERCENT OF TOTAL SALE VALUE
01	1.9%
02	4.5%
03	5.9%
04	0.8%
05	3.1%
06	6.1%
07	3.7%
08	3.6%
09	9.6%
10	7.1%
11	7.6%
12	6.1%
13	3.1%
14	1.8%
15	2.2%
16	1.7%
17	6.9%
18	6.8%
19	9.2%
20	8.3%

- 4. If no cutting takes place, the 10% down payment will not be refunded.
- 5. Operations on the contract issued will terminate on 08/31/2026.

SALE STATISTICS

Volumes were calculated in cubic feet using the Michigan taper model. Cubic foot volume includes all wood inside bark for the product indicated. For display purposes, cubic feet were converted to cords and MBF using a simple conversion factor, e.g. 79 cubic feet per cord and 185 cubic feet per MBF. The cubic foot volumes are precise; the cords and MBF volumes are not. Cubic foot volume cannot be directly converted to cords or boards with precision.

SALE VOLUMES

The total estimated sale volume may not equal the sum of the species/products due to the nature of statistical calculations associated with double sampling methodology.

VOLUME		VOLUME		ANGE IN CORDS
TOTAL CUBIC FEET TOTAL CORDS		PERCENT ERROR	MINIMUM	MAXIMUM
844,662	10,692	3.51%	10,316	11,068

VDU VOLUMES

A VDU is a Volume Determination Unit. Volumes and their associated statistics are calculated at the VDU level and summarized to the sale level. There is often a one to one relationship between a VDU and a Payment Unit, but not always, depending on the cruise design. Refer to the VDU TO PAYMENT UNIT table.

	VOLUME			RANGE II	N CORDS
VDU	TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
1	10,200	129	12.15%	113	145
2	52,814	669	9.81%	603	734
3	4,600	58	30.24%	41	76
4	97,629	1,236	7.52%	1,143	1,329
5	94,268	1,193	7.20%	1,107	1,279
6	100,929	1,278	8.55%	1,168	1,387
7	399,638	5,059	6.21%	4,744	5,373
8	60,041	760	11.17%	675	845
9	24,544	311	17.11%	258	364
TOTAL:	844,662	10,692		9,853	11,531

VDU TO PAYMENT UNIT

When a VDU is associated with more than one Payment Unit (PU), the VDU volumes are assigned to the PU based on acres of the VDU within the PU.

VDU	VDU ACRES	PU	PU ACRES
1	6.6	1	6.6
2	55.2	2	23.7
		3	31.5
3	8.4	4	8.4
4	96.1	5	17.9
		6	35.9
		7	21.5
		8	20.8
5	64.0	9	37.1
		10	26.9
6	104.7	11	47.4
		12	38.1
		13	19.2
7	197.5	17	43.5
		18	43.4
		19	58.2
		20	52.4
8	25.0	14	11.3
		15	13.7
9	22.9	16	22.9
TOTAL:	580.4		580.4

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Red Maple	Sawtimber	3.2	MBF	6.6	\$4,734.40
	Sugar Maple		18.7	MBF		
	Mixed Hardwood	Pulpwood	77	Cords		
	Basswood		4	Cords		
	Red Maple		15	Cords		
	Sugar Maple		58	Cords		
2	Basswood	Sawtimber	31.3	MBF	23.7	\$11,066.90
	Red Maple		2.3	MBF		
	Sugar Maple		44.9	MBF		
	Mixed Hardwood	Pulpwood	105	Cords		
	Basswood	•	14	Cords		
	Red Maple		8	Cords		
	Sugar Maple		83	Cords		
3	Basswood	Sawtimber	41.6	MBF	31.5	\$14,692.60
	Red Maple		3.1	MBF		ψ·:,σσ=:σσ
	Sugar Maple		59.6	MBF		
	Mixed Hardwood	Pulpwood	139	Cords		
	Basswood	i dipwood	18	Cords		
	Red Maple		10	Cords		
	Sugar Maple		111	Cords		
4	Sugar Maple	Sawtimber	8.2	MBF	8.4	\$1,977.60
7	Mixed Hardwood	Pulpwood	38	Cords	0.4	φ1,977.00
	Red Maple	i uipwood	3	Cords		
	Sugar Maple		35	Cords		
		Courtimbor		.	17.0	₾7 502 40
5	Basswood	Sawtimber	6.4	MBF	17.9	\$7,583.10
	Quaking Aspen		0.4	MBF		
	Red Maple		24.2	MBF		
	Sugar Maple		17.9	MBF		
	White Spruce	Dedama	0.4	MBF		
	Mixed Hardwood	Pulpwood	100	Cords		
	Basswood		2	Cords		
	Red Maple		54	Cords		
	Sugar Maple		44	Cords		
	Mixed Spruce		1	Cords		
	White Spruce		1	Cords		
	Quaking Aspen		3	Cords		
6	Basswood	Sawtimber	12.9	MBF	35.9	\$15,216.10
	Quaking Aspen		0.7	MBF		
	Red Maple		48.5	MBF		
	Sugar Maple		35.9	MBF		
	White Spruce		0.7	MBF		
	Mixed Hardwood	Pulpwood	202	Cords		
	Basswood		4	Cords		
	Red Maple		109	Cords		
	Sugar Maple		89	Cords		
	Mixed Spruce		2	Cords		
	White Spruce		2	Cords		
	Quaking Aspen		6	Cords		
7	Basswood	Sawtimber	7.7	MBF	21.5	\$9,092.20
	Quaking Aspen		0.4	MBF		·
	Red Maple		29.0	MBF		
	Sugar Maple		21.5	MBF		
			1			
	White Spruce		() 4	INDE		
	White Spruce Mixed Hardwood	Pulpwood	0.4 121	MBF Cords		

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
7 con't	Red Maple	Pulpwood	65	Cords		
	Sugar Maple		53	Cords		
	Mixed Spruce		1	Cords		
	White Spruce		1	Cords		
	Quaking Aspen		3	Cords		
8	Basswood	Sawtimber	7.4	MBF	20.8	\$8,801.50
	Quaking Aspen		0.4	MBF		
	Red Maple		28.1	MBF		
	Sugar Maple		20.8	MBF		
	White Spruce		0.4	MBF		
	Mixed Hardwood	Pulpwood	117	Cords		
	Basswood		3	Cords		
	Red Maple		63	Cords		
	Sugar Maple		51	Cords		
	Mixed Spruce		1	Cords		
	White Spruce		1	Cords		
	Quaking Aspen		3	Cords		
9	Basswood	Sawtimber	4.3	MBF	37.1	\$24,234.6
	Quaking Aspen		10.9	MBF		
	Red Maple		102.1	MBF		
	Sugar Maple		44.5	MBF		
	White Spruce		4.1	MBF		
	Mixed Hardwood	Pulpwood	290	Cords		
	Basswood	'	1	Cords		
	Red Maple		155	Cords		
	Sugar Maple		134	Cords		
	Mixed Spruce		1	Cords		
	White Spruce		1	Cords		
	Quaking Aspen		4	Cords		
10	Basswood	Sawtimber	3.1	MBF	26.9	\$17,573.2
	Quaking Aspen	Gawanison	7.9	MBF		ψ···,σ··σ. <u>-</u>
	Red Maple		74.0	MBF		
	Sugar Maple		32.3	MBF		
	White Spruce		2.9	MBF		
	Mixed Hardwood	Pulpwood	210	Cords		
	Basswood	l dipwood	1	Cords		
	Red Maple		112	Cords		
	Sugar Maple		97	Cords		
	Mixed Spruce		1	Cords		
	White Spruce		1	Cords		
	Quaking Aspen		3	Cords		
11	Quaking Aspen	Sawtimber	8.0	MBF	47.4	\$18,770.3
11	Red Maple	Sawtillibel	75.4	MBF	47.4	φ10,770.5
Sugar Maple White Spruce Balsam Fir		32.0	MBF			
		3.1	MBF			
	Pulpwood	1	Cords			
	Mixed Hardwood	i dipwood	297	Cords		
			152			
	Red Maple			Cords Cords		
	Sugar Maple		145 7			
40	Quaking Aspen	Canadian In a m		Cords	00.4	#4F 07F 0
12	Quaking Aspen	Sawtimber	6.4	MBF	38.1	\$15,075.3
	Red Maple		60.6	MBF		
	Sugar Maple		25.7	MBF		
	White Spruce		2.5	MBF		
	Balsam Fir	Pulpwood	1	Cords		
	Mixed Hardwood	1	239	Cords	1	

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
2 con't	Red Maple	Pulpwood	122	Cords		
	Sugar Maple	·	117	Cords		
	Quaking Aspen		5	Cords		
13	Quaking Aspen	Sawtimber	3.2	MBF	19.2	\$7,630.00
	Red Maple		30.6	MBF		
	Sugar Maple		13.0	MBF		
	White Spruce		1.2	MBF		
	Balsam Fir	Pulpwood	1	Cords		
	Mixed Hardwood		121	Cords		
	Red Maple		62	Cords		
	Sugar Maple		59	Cords		
	Quaking Aspen		3	Cords		
14	Balsam Fir	Pulpwood	5	Cords	11.3	\$4,521.40
	Balsam Poplar		7	Cords		
	Black Ash		158	Cords		
	Green Ash		32	Cords		
	Mixed Hardwood		58	Cords		
	Red Maple		3	Cords		
	Sugar Maple		55	Cords		
	Mixed Spruce		10	Cords		
	White Spruce		10	Cords		
	Quaking Aspen		54	Cords		
15	Balsam Fir	Pulpwood	6	Cords	13.7	\$5,478.30
10	Balsam Poplar	l ulpwood	8	Cords	10.7	ψυ,+10.00
	Black Ash		192	Cords		
	Green Ash		39	Cords		
	Mixed Hardwood		70	Cords		
	Red Maple		3	Cords		
	Sugar Maple		67	Cords		
	Mixed Spruce		13	Cords		
	White Spruce		13	Cords		
	Quaking Aspen		65	Cords		
16		Sawtimber	2.0	MBF	22.9	¢4 245 50
10	Sugar Maple	Pulpwood	2.0 44	Cords	22.9	\$4,245.50
	B. T. Aspen Black Ash	Fulpwood	26	Cords		
	Mixed Hardwood		162	Cords		
	Red Maple		149	Cords		
	Sugar Maple		149	Cords		
	Mixed Spruce		73 25	Cords		
	Black Spruce		25 25	Cords		
	Quaking Aspen		19	Cords		
17		Carretinals an			40.5	£4C 000 00
17	Black Ash	Sawtimber	3.5	MBF	43.5	\$16,992.20
	Red Maple	Dedama	33.3	MBF		
	Balsam Fir	Pulpwood	70	Cords		
	Balsam Poplar		3	Cords		
	Black Ash		109	Cords		
	Mixed Hardwood		776	Cords		
	Red Maple		757	Cords		
	Sugar Maple		19	Cords		
	Mixed Spruce		76	Cords		
	Black Spruce		54	Cords		
	White Spruce		22	Cords		
18	Black Ash	Sawtimber	3.5	MBF	43.4	\$16,965.80
	Red Maple		33.3	MBF		
	Balsam Fir	Pulpwood	70	Cords		

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
18 con't	Balsam Poplar	Pulpwood	3	Cords		
	Black Ash		109	Cords		
	Mixed Hardwood		774	Cords		
	Red Maple		755	Cords		
	Sugar Maple		19	Cords		
	Mixed Spruce		76	Cords		
	Black Spruce		54	Cords		
	White Spruce		22	Cords		
19	Black Ash	Sawtimber	4.8	MBF	58.2	\$22,735.30
	Red Maple		44.6	MBF		
	Balsam Fir	Pulpwood	93	Cords		
	Balsam Poplar		4	Cords		
	Black Ash		146	Cords		
	Mixed Hardwood		1,037	Cords		
	Red Maple		1,012	Cords		
	Sugar Maple		25	Cords		
	Mixed Spruce		103	Cords		
	Black Spruce		71	Cords		
	White Spruce		32	Cords		
20	Black Ash	Sawtimber	4.2	MBF	52.4	\$20,486.00
	Red Maple		40.2	MBF		
	Balsam Fir	Pulpwood	84	Cords		
	Balsam Poplar		4	Cords		
	Black Ash		131	Cords		
	Mixed Hardwood		935	Cords		
	Red Maple		912	Cords		
	Sugar Maple		23	Cords		
	Mixed Spruce		92	Cords		
	Black Spruce		65	Cords		
	White Spruce		27	Cords		
		TOTAL:	1,194.2	MBF		
		TOTAL:	7,791	Cords		

Sale Specific Conditions & Requirements

Sale Name: Soggy Deadhorse Sale Number: 32-001-21 Seq#: 1

1 - Sale Area

1.2 - Boundaries

1.2.1 - Painted boundaries (9/19)

The sale boundary and Payment Unit boundaries are marked and identified by blue, red and yellow paint. Exterior sale boundary lines against private property are marked with blue paint. Exterior sale boundary lines against state are marked with red paint. Interior Payment Unit boundaries are marked with yellow paint. The painted boundary line trees are not Included Timber and are to be protected unless marked with orange paint.

2 - Timber Specifications

2.1 - Included Timber

2.1.1 - Clearcut unit(s) with unmerchantable trees (6/14)

Within Payment Unit(s) 14-20, cut all species trees that are two (2) inches or more at DBH except species

Payment Unit(s) 14-15, leave hemlock, cedar, black cherry, and yellow birch.

Payment Unit(s) 16-20, leave hemlock, cedar, black cherry, yellow birch and white pine.

2.1.3 - Cut tree marked unit(s) (12/08)

Within Payment Unit(s) 1-13, all trees are designated for cutting when marked with orange paint above and below stump height, regardless of merchantability.

3 - Payments

3.4 - Damaged Timber

3.4.1 - Damaged timber (7/16)

General Condition and Requirement 3.4 Damaged Timber, defines liquidated damages for undesignated live merchantable trees which are cut or injured. In addition, extreme care should be taken to avoid damage to tree seedlings and saplings.

Within the sale area, if more than 10% of the tree seedlings or saplings (1/4" to 4.5" DBH) within a specified portion of the sale area are damaged, liquidated damages will be assessed at \$200 per acre for all acreage within that specified portion of the sale area that was damaged.

No damage is acceptable to undesignated live merchantable trees. Within the sale area, if more than 5% of trees (> 4.5" DBH) within a specified area of the sale are damaged, liquidated damages will be assessed for all trees damaged. Rates will be in accordance with General Condition and Requirement 3.4 Damaged Timber.

4 - Transportation

4.1 - Construction

4.1.3 - Slash and earthen piles (8/04)

Piles or windrows of earth along roads and landings that have been widened or constructed shall be leveled. Slash from road maintenance or construction, including stumps, shall be scattered, and not left in windrows, and kept a minimum of 10 feet back from the road edge.

4.1.4 - Timber removed for construction (12/09)

Trees cut or damaged in the process of pre-approved road, landing or skid trail construction will be decked in an area separate from other Designated Timber and not removed until measured by the sale administrator. Payment will be made at the specified Purchase Unit Price.

4.1.6 - Road construction (1/09)

Construction of new roads or improvements of existing roads shall be done in such a way as to minimize the environmental and visual impacts. Merchantable trees shall be cut and utilized unless otherwise directed. Non-merchantable trees shall be severed and laid flat on the ground. Slash shall be scattered, and not left in windrows and kept a minimum of 10 feet back

from the road edge. Stumps shall be set upright, not left on edge, and be moved at least 10 feet away from the road edge. Disturbed soil shall be feathered into the woods and not left in berms or windrows.

4.1.7 - Road closure (10/11)

All new roads built into the sale must be blocked to vehicle traffic upon completion of the sale. Overgrown roads that are reopened shall be considered new roads. In general, this will require constructing a four (4') foot high berm of stumps and logs covered with earth. Contact the sale administrator for specific details of design and placement.

4.1.8 - Road work (1) (8/07)

The following road work is required: 350 yards of gravel will be spread in holes on state forest land. Contact the sale administer for the specifics on where to put the gravel.

4.2 - Maintenance

4.2.2 - Fill material (4/07)

To maintain roads, fill material may be needed in areas where "holes" exist or may be expected to develop. This fill material should be placed before trucking begins. Contact the sale administrator regarding the availability of onsite sand or gravel from adjacent State-owned lands.

4.2.4 - Grading (10/16)

For completion of the sale, state forest roads must be graded. In general, this will require a road grader or bull dozer to shape up the roads after forest products have been hauled off site. This includes cleaning of drainage areas, grading, crowning and filling with gravel, if necessary. The grading equipment to be used must be approved by the Unit Manager or his/her representative.

5 - Operations

5.1 - Notification

5.1.1 - Pre-sale conference (10/16)

A pre-sale conference between the Purchaser and sale administrator is required prior to beginning any operations. The Unit Manager or his/her representative must be contacted at least 10 days in advance to schedule the conference.

5.2 - Conduct of Operations

5.2.1 - Slash

5.2.1.11 - Slash for reforestation (3/21)

To facilitate reforestation, the Sale Area or Payment Unit(s) # shall be left with slash evenly distributed. Bunched tops within the cutting area shall be broken up and scattered. Stumps shall be cut low to the ground. Processing sites shall not be left with a compacted layer of slash; tops from these sites shall be hauled back into the cut area and scattered.

5.2.2 - Hazard Trees/Snags

5.2.2.1 - Den trees (10/16)

Obvious hollow and/or den trees shall be protected and left standing unless they are a safety hazard.

5.2.3 - Operating Restrictions

5.2.3.3 - Bark slippage restriction (3/09)

Within Payment Unit(s) 1-13, unless changed by written agreement, cutting and skidding are not permitted during the period of April 15 to July 15. This restriction is because of bark slippage.

5.2.17 - Timber Mats and Interlocking Composite Mats (10/20)

Some roads or skid trails may require extra protection such as that afforded by timber mats, interlocking composite mats, or another approved system. If available, mats may be borrowed from the DNR. A Timber Sale Contract Supplement will be used to document the Purchaser's use of the DNR's mats. Contact the sale administrator regarding availability and pick-up. Timber mats are available from various field offices. Composite mats are only available from the Grayling field office and the Marquette ICC. The Purchaser is responsible for picking up and hauling the mats to and from the site. The composite mats

will require DNR staff onsite for installation and removal. Contact the sale administrator to schedule at least 30 days before desired install/removal date. All mats must be cleaned prior to drop off. This may include, but is not limited to, power washing and brushing to remove mud and debris. A charge of \$700.00 per timber mat and \$2,000.00 per composite mat will be assessed for all damaged or non-returned mats. Damage for the crane/timber mats is defined as three or more broken cants. Damage for the composite mats is defined as cracked or broken mats.

5.2.22 - Operating Caution

5.2.22.1 - Operating caution (6/11)

It is recommended, but not required, that within Payment Unit(s) 1-20, cutting, skidding, and hauling occur during dry summer or frozen winter conditions. The reason for the recommendation ,wet payment units and wet access roads.

5.2.32 - Decking/landing restoration (9/13)

All decking and landing areas must have the surface area restored to a condition equal to or better than before. This is to ensure the proper regeneration of the stand. Wood debris, chips and "cookies" from trimmings must be removed or scattered away from landing and loading areas and may not be windrowed on the edge.

5.2.38 - No decking against live trees (2/04)

Cut products may not be decked against unmarked or designated leave trees.

5.4 - Soil Protection

5.4.1 - Rutting restriction, general (7/16)

Operations are to cease immediately if equipment and weather conditions result in rutting of roads and/or skid trails which is 12 inches or greater in depth and 50 feet in length. The Unit Manager or his/her representative may restrict hauling and/or skidding if ruts exceed the specified depth. With the Unit Manager or his/her representative's approval, the Purchaser may return to the area when the risk of rutting has decreased.

5.7 - Protection of Historical Sites

5.7.2 - Potential historical site(s) (9/06)

The State Historic Preservation Office has identified the potential for a historic site within the boundary of this timber sale. Note that if the site is discovered during operations, General Condition and Requirement 5.7 - Protection of Historical Sites will apply.

5.8 - Protection of Endangered Species

5.8.5 - Protection of raptor nests (3/13)

All trees with raptor nests will be protected if found during harvesting operations. Notification will be made to the Unit Manager or his/her representative who will notify the Wildlife Biologist so an on-site evaluation and recommendation can be made, if necessary.

6 - Safety and Fire Prevention

6.2 - Signing

6.2.1 - Road posting (10/20)

The Purchaser is responsible for posting and maintaining caution signs on County Road 444 and the Dead horse road prior to beginning operations. The road must be posted at appropriate distances from the sale area to warn of logging activity and truck traffic. Signs must be removed when harvest operations are suspended or completed. The Purchaser will provide these signs.

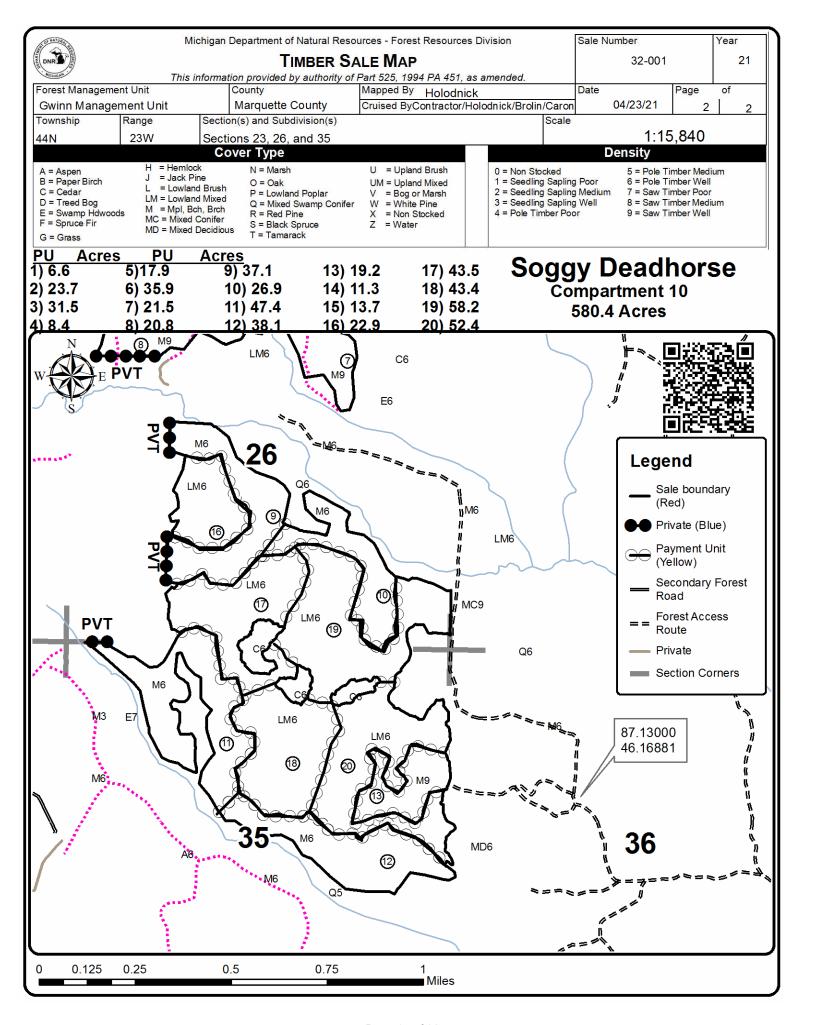
7 - Other Conditions

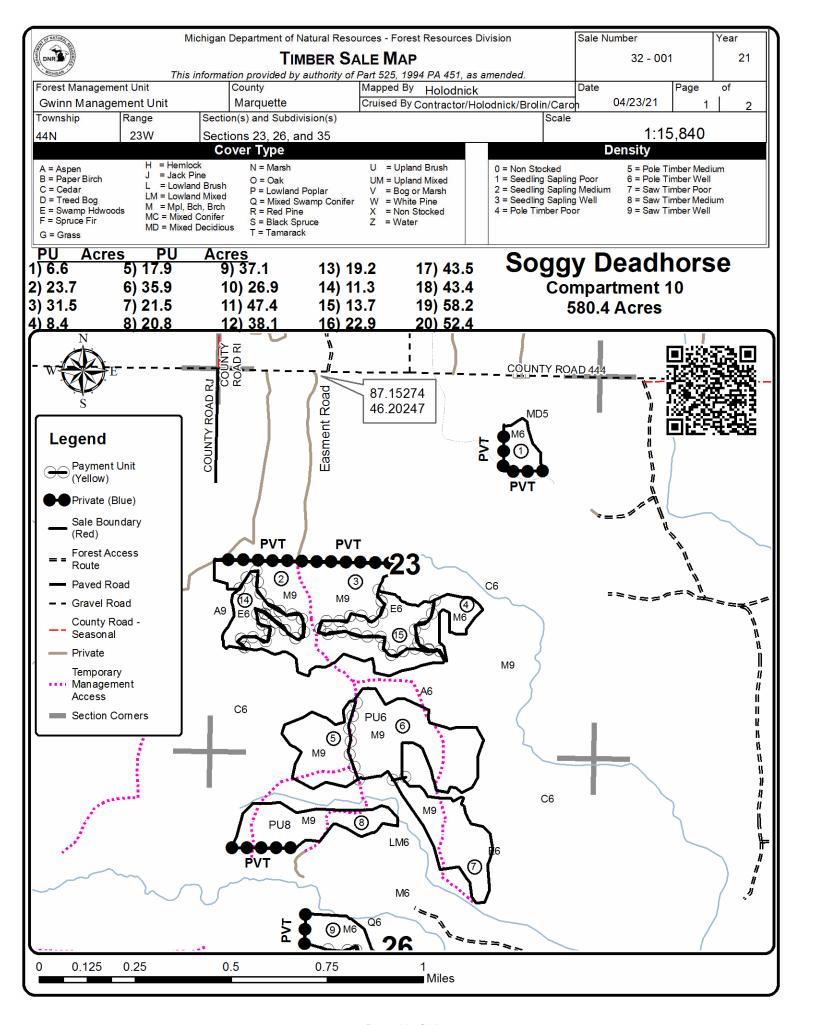
7.5 - Loss

7.5.1 - Deteriorating timber (7/09)

The sale area has received damage from Spruce Budworm and Emerald Ash Borer. The Purchaser should harvest the wood as soon as possible. The Department of Natural Resources is held free of responsibility of any further damage or deterioration due to delay in harvesting.

Section Name: Sale Specific Current as of 9/15/2021 7:28:18AM





TIMBER SALE INFORMATION

Land Down Under (32-002-21)

T43N, R24W, SEC. 3; T43N, R24W, SEC. 4; T43N, R24W, SEC. 5; T43N, R24W, SEC. 6; T43N, R24W, SEC. 8; T43N, R24W, SEC. 9; T44N, R24W, SEC. 31.

SALE NOTE: All units of volume listed for this sale were estimated using the Inventory Manager computer program and the new Michigan taper model.

Access across private property is required for Payment Units 5-15.

See sale spec 4.2.2 for information on need fill material.

Access may be through private land.

A timber sale contract for this lump sum, sealed bid timber sale will be awarded to the responsible bidder offering the highest sealed bid price. All units of volume listed below were estimated using the Inventory Manager computer program and the new Michigan taper model. Bids must be at or above the following advertised price for each product and species:

PRODUCTS & SPECIES	ESTIMATE	D UNITS*	<u>ADV</u>	ERTISED PRICE
Sawtimber				
Basswood	53.6	MBF	\$	43.00 / MBF
Paper Birch	21.7	MBF	\$	47.00 / MBF
Red Maple	308.0	MBF	\$	110.00 / MBF
Sugar Maple	386.6	MBF	\$	180.00 / MBF
White Spruce	31.3	MBF	\$	25.00 / MBF
Pulpwood				
Balsam Fir	212	Cords	\$	9.80 / Cord
Mixed Aspen	521	Cords	\$	17.80 / Cord
Mixed Hardwood	3,773	Cords	\$	13.20 / Cord
Mixed Spruce	440	Cords	\$	11.30 / Cord
Tamarack	59	Cords	\$	10.90 / Cord

^{*} The total volume is statistically estimated within plus (+) or minus (-) 3.90 percent. There are an estimated 6,962 cords on this timber sale, plus or minus 272 cords at the 95% confidence level. The estimated units are final and not subject to adjustment. Prospective bidders are urged to examine this timber and to make their own estimates of quantity and quality.

BOND AND PAYMENT SCHEDULE:

PAYMEN'

- 1. A bond in the amount of \$8,717.00 to insure faithful performance of the conditions of the contract will be deposited by the successful bidder within 21 days of the sale award.
- 2. Cutting in any sale or unit without the required advance payment would be considered a trespass.
- 3. Total payment must be paid in advance or according to the following schedule:
 - (a) Ten percent (10%) of the sale value must be paid within 21 days of the sale award.
 - (b) The 10% down payment will be credited towards the first unit cut.
 - (c) Payment for each of the following units must be made before cutting begins in that unit:

IT UNIT NUMBER	PERCENT OF TOTAL SALE VALUE
01	4.0%
02	9.5%
03	6.8%
04	2.2%
05	3.1%
06	7.2%
07	8.1%
08	4.2%
09	4.0%
10	8.8%
11	10.8%
12	8.2%
13	7.7%
14	8.8%
15	6.6%

- 4. If no cutting takes place, the 10% down payment will not be refunded.
- 5. Operations on the contract issued will terminate on 08/31/2026.

SALE STATISTICS

Volumes were calculated in cubic feet using the Michigan taper model. Cubic foot volume includes all wood inside bark for the product indicated. For display purposes, cubic feet were converted to cords and MBF using a simple conversion factor, e.g. 79 cubic feet per cord and 185 cubic feet per MBF. The cubic foot volumes are precise; the cords and MBF volumes are not. Cubic foot volume cannot be directly converted to cords or boards with precision.

SALE VOLUMES

The total estimated sale volume may not equal the sum of the species/products due to the nature of statistical calculations associated with double sampling methodology.

VOL	UME		STATISTICAL RA	ANGE IN CORDS
TOTAL CUBIC FEET	TOTAL CORDS	PERCENT ERROR	MINIMUM	MAXIMUM
550,008	6,962	3.90%	6,691	7,234

VDU VOLUMES

A VDU is a Volume Determination Unit. Volumes and their associated statistics are calculated at the VDU level and summarized to the sale level. There is often a one to one relationship between a VDU and a Payment Unit, but not always, depending on the cruise design. Refer to the VDU TO PAYMENT UNIT table.

	VOLUME			RANGE IN CORDS	
VDU	TOTAL CUBIC FEET TOTAL CORDS		PERCENT ERROR	MINIMUM	MAXIMUM
1	184,042	2,330	7.20%	2,162	2,497
2	14,769	187	14.46%	160	214
3	70,550	893	8.15%	820	966
4	22,744	288	21.48%	226	350
5	57,737	731	9.35%	663	799
6	34,705	439	18.69%	357	521
7	165,462	2,094	7.45%	1,938	2,250
TOTAL:	550,008	6,962		6,326	7,598

VDU TO PAYMENT UNIT

When a VDU is associated with more than one Payment Unit (PU), the VDU volumes are assigned to the PU based on acres of the VDU within the PU.

VDU	VDU ACRES	PU	PU ACRES
1	152.2	6	24.7
		7	27.8
		8	14.6
		12	28.2
		13	26.4
		14	30.5
2	9.8	5	9.8
3	73.2	1	14.5
		2	34.2
		3	24.5
4	16.3	4	16.3
5	31.9	15	31.9
6	14.1	9	14.1
7	61.4	10	27.7
		11	33.7
TOTAL:	358.9		358.9

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
1	Basswood	Sawtimber	6.9	MBF	14.5	\$6,985.40
	Red Maple		0.5	MBF		
	Sugar Maple		30.2	MBF		
	White Spruce		0.7	MBF		
	Balsam Fir	Pulpwood	3	Cords		
	Balsam Fir	Sawtimber	0.5	MBF		
	Balsam Fir	Pulpwood	2	Cords		
	Mixed Aspen	·	12	Cords		
	Quaking Aspen		12	Cords		
	Mixed Hardwood		71	Cords		
	Balsam Poplar		2	Cords		
	Basswood		5	Cords		
	Red Maple		1	Cords		
	Sugar Maple		63	Cords		
2	Basswood	Sawtimber	16.1	MBF	34.2	\$16,559.10
_	Red Maple	Cawamber	1.1	MBF	04.2	Ψ10,000.10
	Sugar Maple		71.3	MBF		
	White Spruce		1.6	MBF		
	Balsam Fir	Pulpwood	6	Cords		
		·	1.2	MBF		
	Balsam Fir	Sawtimber	l			
	Balsam Fir	Pulpwood	4	Cords		
	Mixed Aspen		29	Cords		
	Quaking Aspen		29	Cords		
	Mixed Hardwood		174	Cords		
	Balsam Poplar		6	Cords		
	Basswood		12	Cords		
	Ironwood		3	Cords		
	Red Maple		3	Cords		
	Sugar Maple		150	Cords		
3	Basswood	Sawtimber	11.6	MBF	24.5	\$11,830.00
	Red Maple		0.8	MBF		
	Sugar Maple		51.0	MBF		
	White Spruce		1.2	MBF		
	Balsam Fir	Pulpwood	5	Cords		
	Balsam Fir	Sawtimber	0.8	MBF		
	Balsam Fir	Pulpwood	3	Cords		
	Mixed Aspen		21	Cords		
	Quaking Aspen		21	Cords		
	Mixed Hardwood		122	Cords		
	Balsam Poplar		4	Cords		
	Basswood		8	Cords		
	Ironwood		1	Cords		
	Red Maple		2	Cords		
	Sugar Maple		107	Cords		
4	Sugar Maple	Sawtimber	1.3	MBF	16.3	\$3,878.50
•	Balsam Fir	Pulpwood	57	Cords		40,010.00
	Balsam Fir		57	Cords		
	Mixed Aspen		50	Cords		
	Quaking Aspen		50	Cords		
	Mixed Hardwood		56	Cords		
	Balsam Poplar		15	Cords		
	-		l			
	Basswood		5	Cords		
	Black Ash		6	Cords		
	Black Cherry Paper Birch		6	Cords		
	ı Paper Birch	I	11	Cords	Ī	i e e e e e e e e e e e e e e e e e e e

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
4 con't	Red Maple	Pulpwood	5	Cords		
	Sugar Maple		8	Cords		
	Mixed Spruce		72	Cords		
	Black Spruce		59	Cords		
	White Spruce		13	Cords		
	Tamarack		59	Cords		
5	Basswood	Sawtimber	11.5	MBF	9.8	\$5,475.70
	Sugar Maple		19.9	MBF		
	Mixed Hardwood	Pulpwood	106	Cords		
	Basswood	-	7	Cords		
	Sugar Maple		99	Cords		
6	Basswood	Sawtimber	1.2	MBF	24.7	\$12,510.30
	Red Maple		31.3	MBF		¥ :=,
	Sugar Maple		34.6	MBF		
	White Spruce		1.7	MBF		
	Balsam Fir	Pulpwood	4	Cords		
	Balsam Fir	i dipwood	4	Cords		
	Mixed Hardwood		205	Cords		
				Cords		
	Balsam Poplar Black Ash		5	Cords		
			1			
	Red Maple		80	Cords		
	Sugar Maple		119	Cords		
7	Basswood	Sawtimber	1.4	MBF	27.8	\$14,070.10
	Red Maple		35.2	MBF		
	Sugar Maple		38.9	MBF		
	White Spruce		1.9	MBF		
	Balsam Fir	Pulpwood	4	Cords		
	Balsam Fir		4	Cords		
	Mixed Hardwood		231	Cords		
	Balsam Poplar		6	Cords		
	Black Ash		1	Cords		
	Red Maple		90	Cords		
	Sugar Maple		134	Cords		
8	Basswood	Sawtimber	0.7	MBF	14.6	\$7,392.10
	Red Maple		18.5	MBF		,
	Sugar Maple		20.4	MBF		
	White Spruce		1.0	MBF		
	Balsam Fir	Pulpwood	2	Cords		
	Balsam Fir	i dipwood	2	Cords		
	Mixed Hardwood		122	Cords		
	Balsam Poplar		3	Cords		
	Black Ash		1	Cords		
	Red Maple		47	Cords		
	Sugar Maple		71	Cords		
		0 1: 1			444	#0.077.00
9	Paper Birch	Sawtimber	2.1	MBF	14.1	\$6,977.20
	Red Maple		3.9	MBF		
	Balsam Fir	Pulpwood	7	Cords		
	Balsam Fir		7	Cords		
	Mixed Aspen		179	Cords		
	B. T. Aspen		133	Cords		
	Quaking Aspen		46	Cords		
	Mixed Hardwood		147	Cords		
	Paper Birch		12	Cords		
	Red Maple		135	Cords		
	Mixed Spruce		111	Cords		
	Black Spruce	I	59	Cords		

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
con't	White Spruce	Pulpwood	52	Cords		
10	Paper Birch	Sawtimber	3.9	MBF	27.7	\$15,333.80
	Red Maple		37.9	MBF		
	Balsam Fir	Pulpwood	20	Cords		
	Balsam Fir		20	Cords		
	Mixed Aspen		103	Cords		
	B. T. Aspen		4	Cords		
	Quaking Aspen		99	Cords		
	Mixed Hardwood		602	Cords		
	Balsam Poplar		5	Cords		
	Paper Birch		92	Cords		
	Red Maple		505	Cords		
	Mixed Spruce		89	Cords		
	Black Spruce		57	Cords		
	White Spruce		32	Cords		
11	Paper Birch	Sawtimber	4.8	MBF	33.7	\$18,715.10
	Red Maple		46.0	MBF		
	Balsam Fir	Pulpwood	24	Cords		
	Balsam Fir		24	Cords		
	Mixed Aspen		127	Cords		
	B. T. Aspen		5	Cords		
	Quaking Aspen		122	Cords		
	Mixed Hardwood		735	Cords		
	Balsam Poplar		5	Cords		
	Paper Birch		115	Cords		
	Red Maple		615	Cords		
	Mixed Spruce		109	Cords		
	Black Spruce		69	Cords		
	White Spruce		40	Cords		
12	Basswood	Sawtimber	1.4	MBF	28.2	\$14,254.70
	Red Maple		35.7	MBF		
	Sugar Maple		39.4	MBF		
	White Spruce		1.9	MBF		
	Balsam Fir	Pulpwood	4	Cords		
	Balsam Fir		4	Cords		
	Mixed Hardwood		234	Cords		
	Balsam Poplar		6	Cords		
	Black Ash		1	Cords		
	Red Maple		91	Cords		
	Sugar Maple		136	Cords		
13	Basswood	Sawtimber	1.3	MBF	26.4	\$13,346.90
	Red Maple		33.4	MBF		
	Sugar Maple		36.9	MBF		
	White Spruce		1.8	MBF		
	Balsam Fir	Pulpwood	4	Cords		
	Balsam Fir		4	Cords		
	Mixed Hardwood		219	Cords		
	Balsam Poplar		5	Cords		
	Black Ash		1	Cords		
	Red Maple		85	Cords		
	Sugar Maple		128	Cords		
	Basswood	Sawtimber	1.5	MBF	30.5	\$15,424.40
14	Dasswood					•
14	Red Maple		38.6	MBF		
14			38.6 42.7	MBF MBF		
14	Red Maple					

PU	MARKET GROUP	PRODUCT	QUANTITY	UNIT	ACRES	ADVERTISE PRICE
14 con't	Balsam Fir	Pulpwood	5	Cords		
	Mixed Hardwood		252	Cords		
	Balsam Poplar		6	Cords		
	Black Ash		1	Cords		
	Red Maple		98	Cords		
	Sugar Maple		147	Cords		
15	Paper Birch	Sawtimber	10.9	MBF	31.9	\$11,592.00
	Red Maple		25.1	MBF		
	White Spruce		17.4	MBF		
	Balsam Fir	Pulpwood	67	Cords		
	Balsam Fir		67	Cords		
	Mixed Hardwood		497	Cords		
	Black Ash		23	Cords		
	Black Cherry		3	Cords		
	Paper Birch		17	Cords		
	Red Maple		454	Cords		
	Mixed Spruce		59	Cords		
	Black Spruce		52	Cords		
	White Spruce		7	Cords		
		TOTAL:	801.2	MBF		
		TOTAL:	5,005	Cords		

Sale Specific Conditions & Requirements

Sale Name: Land Down Under Sale Number: 32-002-21 Seg#: 1

1 - Sale Area

1.2 - Boundaries

1.2.1 - Painted boundaries (9/19)

The sale boundary and Payment Unit boundaries are marked and identified by blue, red, and yellow paint. Exterior sale boundary lines against private are marked with blue paint. Exterior sale boundary lines against state are marked with red paint. Interior Payment Unit boundaries are marked with yellow paint. The painted boundary line trees are not Included Timber and are to be protected unless marked with orange paint. Yellow painted trees designating an interior Payment Unit boundary are only to be cut when all surrounding Payment Units have been paid.

2 - Timber Specifications

2.1 - Included Timber

2.1.1 - Clearcut unit(s) with unmerchantable trees (6/14)

Within Payment Unit(s) 4 and 9, cut all trees that are 2 inches or more at DBH, except cedar, hemlock, and white pine.

2.1.3 - Cut tree marked unit(s) (12/08)

Within Payment Unit(s) 1-3, 5-8, and 12-14, all trees are designated for cutting when marked with orange paint above and below stump height, regardless of merchantability.

2.1.7 - Leave tree marked unit(s) (6/14)

Within Payment Unit(s) 10, 11, and 15, cut all trees that are two 2 inches or more at DBH, except cedar, hemlock, white pine, yellow birch, and trees marked with green paint above and below stump height.

2.2 - Utilization

2.2.6 - Roundwood operation required (3/21)

The skidding of whole trees or tree segments with limbs attached is prohibited within Payment Units 1-3, 5-8, and 12-14. All products must be produced as roundwood and forwarded to existing roads or landing areas in final product length.

3 - Payments

3.4 - Damaged Timber

3.4.1 - Damaged timber (7/16)

General Condition and Requirement 3.4 Damaged Timber, defines liquidated damages for undesignated live merchantable trees which are cut or injured. No damage is acceptable to undesignated live merchantable trees. Within the Sale Area, if more than 5% of trees (> 4.5" DBH) within a specified area of the sale are damaged, liquidated damages will be assessed for all trees damaged. Rates will be in accordance with General Condition and Requirement 3.4 Damaged Timber.

4 - Transportation

4.1 - Construction

4.1.3 - Slash and earthen piles (8/04)

Piles or windrows of earth along roads and landings that have been widened or constructed shall be leveled. Slash from road maintenance or construction, including stumps, shall be dispersed throughout the sale.

4.1.4 - Timber removed for construction (12/09)

Trees cut or damaged in the process of pre-approved road, landing or skid trail construction will be decked in an area separate from other Designated Timber and not removed until measured by the sale administrator. Payment will be made at the specified Purchase Unit Price.

4.1.5 - Culverts (5/14)

Roads may require the installation of culverts for cross drainage or at natural drainage-ways for constructing a winter road into the Payment Units 1, 10, and 11 area. If culverts are needed in these locations, their placement will be specified by the

sale administrator, and they shall be installed prior to hauling. Culverts will be a minimum of 12 inches in diameter and 24 feet in length.

4.1.6 - Road construction (1/09)

Construction of new roads or improvements of existing roads shall be done in such a way as to minimize the environmental and visual impacts. Merchantable trees shall be cut and utilized unless otherwise directed. Non-merchantable trees shall be severed and laid flat on the ground. Slash shall be scattered, and not left in windrows and kept a minimum of 10 feet back from the road edge. Stumps shall be set upright, not left on edge, and be moved at least 10 feet away from the road edge. Disturbed soil shall be feathered into the woods and not left in berms or windrows.

4.1.7 - Road closure (10/11)

All new roads built into the sale must be blocked to vehicle traffic upon completion of the sale. Overgrown roads that are reopened shall be considered new roads. In general, this will require constructing a four (4') foot high berm of stumps and logs covered with earth. Contact the sale administrator for specific details of design and placement.

4.2 - Maintenance

4.2.2 - Fill material (4/07)

To maintain roads, fill material may be needed in areas where "holes" exist or may be expected to develop. This fill material should be placed before trucking begins. Depending on the time of year, multiple areas may require fill material for access across the Sale Area. Contact the sale administrator regarding the availability of onsite sand or gravel from adjacent State-owned lands.

4.2.4 - Grading (10/16)

For completion of the sale, state forest roads must be graded. In general, this will require a road grader or bulldozer to shape up the roads after forest products have been hauled off site. This includes cleaning of drainage areas, grading, crowning, and filling with gravel, if necessary. The grading equipment to be used must be approved by the Unit Manager or his/her representative.

4.2.5 - Two wheel drive condition (2/04)

All existing trail roads on and adjacent to the sale area must be passable by two-wheel drive traffic for the duration of the sale.

4.4 - Access

4.4.1 - Private property access (3/11)

Permission for access across private land is the responsibility of the Purchaser.

5 - Operations

5.1 - Notification

5.1.1 - Pre-sale conference (10/16)

A pre-sale conference between the Purchaser and sale administrator is required prior to beginning any operations. The Unit Manager or his/her representative must be contacted at least 3 business days in advance to schedule the conference.

5.2 - Conduct of Operations

5.2.1 - Slash

5.2.1.11 - Slash for reforestation (3/21)

To facilitate reforestation, Payment Units 4, 9-11, and 15 shall be left with slash evenly distributed. Bunched tops within the cutting area shall be broken up and scattered. Stumps shall be cut low to the ground. Processing sites shall not be left with a compacted layer of slash; tops from these sites shall be hauled back into the cut area and scattered.

5.2.2 - Hazard Trees/Snags

5.2.2.1 - Den trees (10/16)

Obvious hollow and/or den trees shall be protected and left standing unless they are a safety hazard.

5.2.3 - Operating Restrictions

5.2.3.1 - Operating restrictions (9/11)

Within Payment Unit(s) 4 and 9-11, unless changed by written agreement, cutting, skidding, and hauling are limited to frozen winter conditions. This restriction is due to soft, saturated ground for access and/or operability within the Payment Unit area.

5.2.3.3 - Bark slippage restriction (3/09)

Within Payment Unit(s) 1-3, 5-8, and 12-14, unless changed by written agreement, cutting and skidding are not permitted during the period of April 15 to July 15. This restriction is because of bark slippage.

5.2.17 - Timber Mats and Interlocking Composite Mats (10/20)

Some roads or skid trails may require extra protection such as that afforded by timber mats. If available, mats may be borrowed from the DNR. A Timber Sale Contract Supplement will be used to document the Purchaser's use of the DNR's mats. Contact the sale administrator regarding availability and pick-up. Timber mats are available from various field offices. The Purchaser is responsible for picking up and hauling the mats to and from the site. Contact the sale administrator to schedule at least 30 days before desired install/removal date. All mats must be cleaned prior to drop off. This may include, but is not limited to, power washing and brushing to remove mud and debris. A charge of \$700.00 per timber mat will be assessed for all damaged or non-returned mats. Damage for the crane/timber mats is defined as three or more broken cants.

5.2.22 - Operating Caution

5.2.22.1 - Operating caution (6/11)

It is recommended, but not required, that within Payment Unit(s) 15, cutting and skidding occur during dry summer or frozen winter conditions. The reason for the recommendation is because of areas with soft ground.

5.2.32 - Decking/landing restoration (9/13)

All decking and landing areas must have the surface area restored to a condition equal to or better than before. This is to ensure the proper regeneration of the stand. Wood debris, chips, and "cookies" from trimmings must be removed or scattered away from landing and loading areas and may not be windrowed on the edge.

5.2.37 - No decking areas (12/08)

No decking is allowed within 50 feet of County Road RM without permission of the County and Unit Manager or his/her representative.

5.2.38 - No decking against live trees (2/04)

Cut products may not be decked against unmarked or designated leave trees.

5.4 - Soil Protection

5.4.1 - Rutting restriction, general (7/16)

Operations are to cease immediately if equipment and weather conditions result in rutting of roads and/or skid trails which is 12 inches or greater in depth and 50 feet in length. In addition, within Payment Unit 4, operations are to cease immediately if equipment and or weather conditions result in rutting of skid trails which is 24 inches or greater in depth and 100 feet in length. The Unit Manager or his/her representative may restrict hauling and/or skidding if ruts exceed the specified depth. With the Unit Manager or his/her representative's approval, the Purchaser may return to the area when the risk of rutting has decreased.

5.4.2 - Skid trails (2/04)

Skid trails up and down slopes should be avoided. If however this is unavoidable, these trails will be left in a non-erodible condition using water bars, logs, and slash. Placing of slash on these skid trails while logging is ongoing may alleviate need for any further action. At the direction of the sale administrator, seed, fertilizer, and mulch may also be required.

5.8 - Protection of Endangered Species

5.8.5 - Protection of raptor nests (3/13)

All trees with raptor nests will be protected if found during harvesting operations. Notification will be made to the Unit Manager or his/her representative who will notify the Wildlife Biologist so an on-site evaluation and recommendation can be made, if necessary.

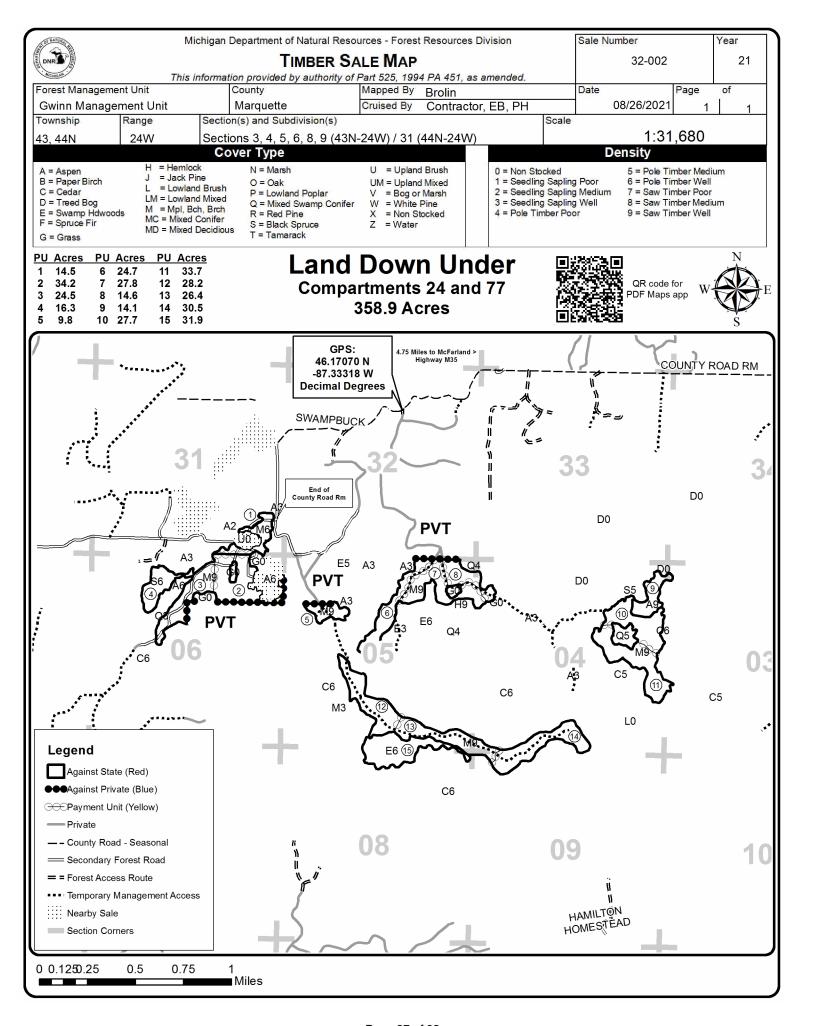
6 - Safety and Fire Prevention

6.2 - Signing

6.2.1 - Road posting (10/20)

The Purchaser is responsible for posting and maintaining caution signs on County Road RM and access roads prior to beginning operations. The road must be posted at appropriate distances from the Sale Area to warn of logging activity and truck traffic. Signs must be removed when harvest operations are suspended or completed. The Purchaser will provide these signs.

Section Name: Sale Specific Current as of 6/14/2022 8:35:19AM



Page 28 of 32

FEDERAL ID:

BID FORM

GWINN MANAGEMENT UNIT

GWINN OFFICE

Soggy Deadhorse (32-001-21)

T44N, R23W, SEC. 23; T44N, R23W, SEC. 26; T44N, R23W, SEC. 35; T44N,

In response to the notice of sale to be held 1:00 p.m. (local time) on July 25, 2022, I am hereby submitting my sealed bid (firm offer) for the following forest products to be cut. Bids for individual species must be at or above the advertised price. All non-responsive bid forms may be rejected.

PRODUCTS & SPECIES Sawtimber	<u>ESTIMATED</u>	VOLUME*	<u>AD</u>	VERTISED PRICE	BID PRICE/UNIT
Basswood	114.7	MBF	\$	43.00/MBF	\$
Black Ash	16.0	MBF	\$	14.00/MBF	\$
Quaking Aspen	38.3	MBF	\$	73.00/MBF	\$
Red Maple	632.5	MBF	\$	110.00/MBF	\$
Sugar Maple	377.0	MBF	\$	180.00/MBF	\$
White Spruce	15.7	MBF	\$	25.00/MBF	\$
Pulpwood					
B. T. Aspen	44	Cords	\$	17.80/Cord	\$
Balsam Fir	331	Cords	\$	9.80/Cord	\$
Balsam Poplar	29	Cords	\$	17.80/Cord	\$
Black Ash	871	Cords	\$	13.20/Cord	\$
Green Ash	71	Cords	\$	13.20/Cord	\$
Mixed Hardwood	5,868	Cords	\$	13.20/Cord	\$
Mixed Spruce	402	Cords	\$	11.30/Cord	\$
Quaking Aspen	175	Cords	\$	17.80/Cord	\$

^{*}The volumes are statistically estimated within plus (+) or minus (-) 3.51 percent at 95% confidence level. These estimated volumes are final and not subject to adjustment. Prospective bidders are urged to examine this timber and to make their own estimates of quantity and quality.

I understand that any or all bids may be rejected. All bids must be signed and all bid items must be bid or the bid form may be rejected. I also understand that consideration and awarding a contract will be based upon my past performance and ability to complete the contract based upon equipment and staffing subject to my control.

		· 	-			
	Company or individual bidding:					
	Company representative's name:					
	Address:					
	City:	State:	Zip:			
F AVAILABLE, PLEASE PLACE THE PERSONALIZED LABEL FROM YOUR PROSPECTUS IN THE ABOVE BOX.						
ndividual	dividual or company representative's signature: Date:					
Phone nu	hone number : Email (optional):					

or SOCIAL SECURITY NUMBER:

THE WINNING BIDDER MUST COMPLETE THE VERIFICATION OF WORKER'S DISABILITY COMPENSATION ACT COMPLIANCE (ON REVERSE SIDE IF DOUBLE SIDED) WITHIN 21 DAYS OF SALE AWARD DATE



Michigan Department of Natural Resources Forest Resources Division

TIMBER SALE VERIFICATION OF WORKER'S DISABILITY COMPENSATION ACT COMPLIANCE

FOR DEPARTMENT USE ONLY			
Sale Number (XX – XXX – XX – XX)			
Forest Management Unit:			

As required by Act 317, P.A. 1969 (Worker's Compensation) and Part 5 of Act 451 of 1994, as amended.

VERIFICATION OF WORKER'S DISABILITY COMPENSATION ACT COMPLIANCE

 This verification must be completed and submitted within 21 days of contract award and prior to the issuance of the timber sale contract.

•	In addition, if boxes 2B or 2C are checked, then Notice of Exclusion or Certificate of Insurance must be submitted within twenty-one (21) days of the contract award and prior to the issuance of the timber sale contract.						
•	All Information must be typed or printed except for written sig	natures.					
Ple	Please Check Appropriate Categories:						
1.	My business is organized as (you must check <u>one</u> of the boxes below): A. □ Sole Proprietorship (individual) B. □ Partnership C. □ Corporation						
2.	 You must check one of the boxes below: A. I certify my business is a sole proprietorship and it has no employees but the sole proprietor. I am not subject to the Worker's Compensation Laws. B. I certify my business has satisfied its o bligation to the Worker's Compensation Act through the use of an approved Notice of 						
		e Notice of Exclusion within 21 days of the contract award. (For r's Compensation Bureau at 517 -322-1195).					
3.	 If you have checked item 2(A) or 2(B), you must indicate than yourself, including family members and active partners 	the number of both full-time and part-time employees, other (if none, you must enter "0").					
	Full-time Employees	Part-time Employees					
Nam	ame of Business	Federal ID (or) Social Security No.					
Add	ddress T (Telephone ()					
City	ity State Z	ZIP					
in fa _	hereby certify that the above information is true and correct. It is a factors affecting my coverage during any of my present and further Signature of Owner or Authorized Representative						
_							
T	Title	Date					

Please complete the "SEALED BID" information on the next page

PR 4031-5 (Rev. 10/30/2012)

BID FORM

GWINN MANAGEMENT UNIT GWINN OFFICE

Land Down Under (32-002-21)

T43N, R24W, SEC. 3; T43N, R24W, SEC. 4; T43N, R24W, SEC. 5; T43N, R24W,

In response to the notice of sale to be held 1:00 p.m. (local time) on July 25, 2022, I am hereby submitting my sealed bid (firm offer) for the following forest products to be cut. Bids for individual species must be at or above the advertised price. All non-responsive bid forms may be rejected.

PRODUCTS & SPECIES	<u>ESTIMATED VO</u>	<u>LUME*</u> <u>A</u>	<u>DVERTISED PRICE</u>	BID PRICE/UNIT
Sawtimber				
Basswood	53.6 ME	3F \$	43.00/MBF	\$
Paper Birch	21.7 ME	BF \$	47.00/MBF	\$
Red Maple	308.0 ME	BF \$	110.00/MBF	\$
Sugar Maple	386.6 ME	BF \$	180.00/MBF	\$
White Spruce	31.3 ME	BF \$	25.00/MBF	\$
Pulpwood				
Balsam Fir	212 Cd	ords \$	9.80/Cord	\$
Mixed Aspen	521 Cd	ords \$	17.80/Cord	\$
Mixed Hardwood	3,773 Cd	ords \$	13.20/Cord	\$
Mixed Spruce	440 Cc	ords \$	11.30/Cord	\$
Tamarack	59 Cd	ords \$	10.90/Cord	\$

I understand that any or all bids may be rejected. All bids must be signed and all bid items must be bid or the bid form may be rejected. I also understand that consideration and awarding a contract will be based upon my past performance and ability to complete the contract based upon equipment and staffing subject to my control.

	FEDERAL ID: or SOCIAL SECURITY NUMBER:							
	Company or individual bidding: Company representative's name: Address:							
	City:	State:	Zip:					
IF AVAILABLE, PLEASE PLACE THE PERSONALIZED LABEL FROM YOUR PROSPECTUS IN THE ABOVE BOX.								
Individual	or company representa	itive's signature:		Date:				
Phone nu	ımber :	E	mail (optional):					

THE WINNING BIDDER MUST COMPLETE THE VERIFICATION OF WORKER'S DISABILITY COMPENSATION ACT COMPLIANCE (ON REVERSE SIDE IF DOUBLE SIDED) WITHIN 21 DAYS OF SALE AWARD DATE

^{*}The volumes are statistically estimated within plus (+) or minus (-) 3.90 percent at 95% confidence level. These estimated volumes are final and not subject to adjustment. Prospective bidders are urged to examine this timber and to make their own estimates of quantity and quality.



Michigan Department of Natural Resources Forest Resources Division

TIMBER SALE VERIFICATION OF WORKER'S DISABILITY COMPENSATION ACT COMPLIANCE

FOR DEPARTMENT USE ONLY						
Sale Number (XX – XXX – XX – XX)						
Forest Management Unit:						

As required by Act 317, P.A. 1969 (Worker's Compensation) and Part 5 of Act 451 of 1994, as amended.

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Name of Business Federal ID (or) Social Security No. Telephone ()	3.							
Address Telephone ()		Full-time En	nployees	Part-time Employees				
()	Name of Business			Federal ID (or) Social Security No.				
City State ZIP				Telephone ()				
	City State			ZIP				

Please complete the "SEALED BID" information on the next page

I hereby certify that the above information is true and correct. I agree to notify the Michigan DNR of any changes that occur

Date

in factors affecting my coverage during any of my present and future operations.

Signature of Owner or Authorized Representative

Title

PR 4031-5 (Rev. 10/30/2012)