

MARK L. BRASHEARS, CONSULTING FORESTER

P. O. BOX 531 - BUENA VISTA, VA 24416

- STANDING TIMBER FOR SALE -

RAWLEY SPRINGS AREA - ROCKINGHAM COUNTY, VA

OWNER: THE CITY OF HARRISONBURG

LOCATION: ON THE CITY'S DRY RIVER PROPERTY, NORTHWEST OF RAWLEY SPRINGS, ON THE SOUTHWEST SIDE OF ROUTE 33, EAST OF THE DRY RUN ROAD. TO SEE THIS SALE YOU CAN PARK AT ANY OF THE SEVERAL PULL OFF SITES LOCATED ALONG ROUTE 33 AND WALK INTO THE SALE. YOU MAY WANT TO BRING A PAIR OF RUBBER BOOTS AS MOST OF THE SALE LIES ON THE OTHER SIDE OF THE DRY RIVER. (SEE ATTACHED LOCATION MAPS)

BID OPENING: SEALED BIDS WILL BE OPENED AND READ PUBLICLY AT 10:00 AM ON WEDNESDAY MAY 23 RD, 2012, AT THE WHITE PIPE GATE ENTRANCE TO THE DRY RUN ROAD OFF OF ROUTE 33.

IF YOU WANT TO SUBMIT A BID AND CAN NOT MAKE THE BID OPENING YOU CAN MAIL YOUR BID TO:

MR. ANDE BANKS - OFFICE OF THE CITY MANAGER

CITY OF HARRISONBURG

345 SOUTH MAIN STREET

HARRISONBURG, VA 22801

INDICATE ON THE OUTSIDE OF THE ENVELOPE THAT IT IS A "DRY RIVER TIMBER BID" AND IT WILL NOT BE OPENED UNTIL THE SCHEDULED TIME. MAILED BIDS RECEIVED AFTER THE SCHEDULED BID TIME WILL NOT BE ACCEPTED.

TIMBER SALE TOUR: I WILL MEET INTERESTED BUYERS AT THE WHITE PIPE GATE AT THE ENTRANCE TO THE DRY RUN ROAD OFF OF ROUTE 33 AT **10:00 AM ON WEDNESDAY MAY 9 TH, 2012**, TO CONDUCT A TOUR OF THE TIMBER SALE AREA. BUYERS WHO CAN NOT ATTEND THE SCHEDULED TOUR MAY VIEW THE TIMBER AT THEIR CONVENIENCE. I AM ALSO AVAILABLE TO SHOW THE TIMBER AT OTHER TIMES MORE CONVENIENT TO YOU ON REQUEST. BUYERS ARE

ENCOURAGED TO ATTEND THE GROUP OR AN INDIVIDUAL SHOWING OF THE SALE AREA, SO THAT THEY CAN GET FULLY UNDERSTAND THE SENSITIVE NATURE OF THE SALE AND TO GET A BETTER HANDLE OF WHAT WILL BE EXPECTED OF THEM IN LOGGING THE SALE.

TYPE OF HARVEST: A FOREST MANAGEMENT BASED HARVEST; PRIMARILY TO SALVAGE HEMLOCK, BUT ALSO TO IMPROVE THE HEALTH OF THE RESIDUAL FOREST STAND AND TO CREATE ENVIRONMENTAL CONDITIONS CONDUCIVE FOR THE ESTABLISHMENT OF DESISABLE TREE REGENERATION. TREES WERE INDIVIDUALLY SELECTED AND MARKED FOR HARVESTING. ALL MERCHANTABLE TREES MARKED WITH BLUE PAINT ARE TO BE HARVESTED. UNMERCHANTABLE CULL TREES DO NOT NEED TO BE FELLED.

ESTIMATED SALE VOLUME:

MARKED SAW TIMBER VOLUME ESTIMATES: INTERNATIONAL ¼" LOG RULE (WHITE PINE & YELLOW POPLAR FORM CLASS 80 – ALL OTHER SPECIES FORM CLASS 78)

<u>Species</u>	<u># Trees</u>	<u>Ave. Vol./Tree</u>	<u>Total Vol.</u>
White Pine	392	968	379,384
Yellow Poplar	100	713	71,342
Hemlock	280	206	57,657
Sycamore	125	290	36,195
Red Oak	23	516	11,862
Yellow Pine	35	175	6,121
Sugar Maple	8	576	4,608
White Oak	5	535	2,677
Hickory	6	304	1,824
Basswood	4	352	1,410
Red Maple	5	254	1,270
Black Birch	7	157	1,096
Black Oak	2	397	794
Black Locust	5	97	486

Scarlet Oak	1	441	441
Beech	3	132	395
Chestnut Oak	1	368	368
White Ash	1	290	290
Sassafras	1	171	171
Total	1,004	576	578,391

MARKED PULPWOOD VOLUME ESTIMATES: 128 CUBIC FOOT CORDS

Hemlock	1,239 Trees	111 Cords	810 Culls
Pine	573 Trees	79 Cords	599 Culls
Hardwood	1,069 Trees	112 Cords	229 Culls
Total	2,881 Trees	302 Cords	1,638 Culls

THESE VOLUME ESTIMATE ARE PROVIDED SOLELY AS AN AID TO POTENTIAL BUYERS IN DETERMINING THEIR INTEREST IN THIS TIMBER SALE. DUE TO VARIATIONS IN UTILIZATION AND SCALING PRACTICES, BUYERS SHOULD BASE THEIR BID ON THEIR OWN ESTIMATES OF TIMBER QUANTITY AND QUALITY. THESE VOLUME ESTIMATES ARE NOT GUARANTEED.

CUTTING PERIOD: BUYER WILL HAVE UNTIL **DECEMBER 31 ST, 2014** TO REMOVE THE DESIGNATED TREES FROM THE PROPERTY.

TERMS OF SALE: TWO PAYMENTS, TO BE PAID AS FOLLOWS; ONE HALF (1/2) OF THE PURCHASE PRICE IS DUE AT SIGNING OF SALE CONTRACT, BY JUNE 6 TH, 2012, ONE HALF (1/2) OF THE PURCHASE PRICE IS DUE EITHER WHEN ONE FORTH (1/4) OF THE TIMBER HAS BEEN HARVESTED, AS DETERMINED BY THE CITY'S AGENT, OR BY JUNE 6 TH, 2013, WHICHEVER OCCURS FIRST. THE CITY MAY CONSIDER ALTERNATE PAYMENT SCHEDULES, BUT THEY MUST BE IN WRITING AND INCLUDED WITH YOUR BID. IF YOU PLAN TO EMPLOY A SUB CONTRACTOR TO HARVEST THIS TIMBER, INDICATE ON YOUR BID, IF POSSIBLE, WHO YOU PLAN TO USE.

INSURANCE REQUIREMENTS: BUYER AND BUYER'S SUBCONTRACTOR(S) WILL BE REQUIRED TO HAVE THE FOLLOWING INSURANCE COVERAGE; WORKER'S COMPENSATION INSURANCE (STATUTORY REQUIREMENTS & BENEFITS), COMMERCIAL GENERAL LIABILITY INSURANCE (\$1,000,000 COMBINED SINGLE LIMIT), AUTOMOBILE LIABILITY INSURANCE (\$1,000,000 COMBINED SINGLE LIMIT) AND EXCESS LIABILITY INSURANCE (\$1,000,000). A

CERTIFICATE OF INSURANCE COVERAGE IS TO BE FILED WITH THE CITY OF HARRISONBURG LISTING THE CITY AS AN ADDITIONAL INSURED ON THE POLICY.

ADDITIONAL INFORMATION: THE CITY RESERVES THE RIGHT TO REJECT ANY OR ALL BIDS FOR ANY OR ALL REASONS AND FURTHER RESERVES THE RIGHT TO WAIVE OR NOT TO WAIVE ANY INFORMALITY IN A BID. A COPY OF THE PROPOSED TIMBER SALE CONTRACT IS AVAILABLE UPON REQUEST. BUYER WILL BE EXPECTED TO HARVEST THIS TIMBER IN ACCORDANCE WITH "BEST MANAGEMENT PRACTICES" AS RECOMMENDED BY THE VIRGINIA DEPARTMENT OF FORESTRY.

COMMENTS: THE PRIMARY FOCUS OF THIS TIMBER SALE WAS TO SALVAGE THE HEMLOCK BEFORE IT WAS KILLED BY THE WOOLEY ADELGID. HEMLOCK TREES REPRESENT ABOUT 43% OF THE NUMBER OF TREES MARKED. HOWEVER, MOST OF THE VALUE IN THE SALE LIES IN THE LARGE DIAMETER, HIGH QUALITY SAW TIMBER TREES THAT WERE MARKED. THESE TREES ARE QUITE IMPRESSIVE AND WELL WORTH THE EFFORT TO SEE. THE SALE LIES IN THE FLOOD PLAIN ALONG THE DRY RIVER AND EXCEPT FOR THE MANY ACTIVE STREAM CHANNELS, THE MANY DRY STREAM CHANNELS AND BERMS THAT HAVE BEEN CREATED OVER THE YEARS BY HIGH WATER FLOWS AND A SMALL AREA ON THE BASE OF A MOUNTAIN SLOPE, SALE TERRAIN IS RELATIVELY FLAT. BUFFER STRIPS WERE MARKED OFF ALONG THE DRY RIVER AND ALL INTERIOR STREAMS. WITHIN THESE BUFFER STRIPS, NO TREES ARE MARKED FOR HARVESTING AND, EXCEPT FOR SEVERAL NECESSARY STREAM CROSSINGS, NO LOGGING EQUIPMENT WILL BE PERMITTED. DEPENDING ON HOW THE SALE IS LOGGED ONE OR POSSIBLY TWO FORDS ACROSS THE DRY RIVER WILL NEED TO BE IMPROVED OR RECONSTRUCTED AND POSSIBLY RELOCATED. FORDS CAN ALSO BE USED AT SOME OF THE SMALLER STREAM CROSSINGS BUT TEMPORARY BRIDGES MAY BE NEEDED AND/OR REQUIRED AT OTHER SMALLER STREAM CROSSINGS. NO HARVESTING WILL BE ALLOWED WHEN SOIL CONDITIONS ARE TOO WET OR WHEN EXCESSIVE "BARKING" OF RESIDUAL TREES WILL OCCUR. SPECIAL MEASURES & PROCEDURES WILL BE REQUIRED TO PREVENT OR CONTROL FUEL AND OIL LEAKS FROM LOGGING EQUIPMENT. THE DRY RUN ROAD MUST BE MAINTAINED IN A CONDITION PASSABLE BY FOUR WHEEL DRIVE VEHICLES AT ALL TIMES DURING LOGGING. STONE WILL BE REQUIRED TO BE PLACED ON THE DRY RUN ROAD WHERE IT ENTERS ROUTE 33 AND POSSIBLY OTHER AREAS ALONG THE HAUL ROAD(S), PARTICULARLY AT STREAM CROSSINGS, AS CONDITIONS DICTATE.

IF YOU HAVE ANY QUESTIONS, PLEASE FEEL FREE TO CONTACT ME DURING THE DAY AT (540) 570-2874 OR THE EVENING AT (540) 261-2874.

APRIL 16 TH, 2012

MARK L. BRASHEARS

CITY OF HARRISONBURG – DRY RIVER TIMBER SALE # 3
100 +/- ACRES – RAWLEY SPRINGS AREA, ROCKINGHAM COUNTY, VA

DBH	WHITE PINE		YELLOW POPLAR		HEMLOCK		SYCAMORE		RED OAK	
	# TREES	VOLUME	# TREES	VOLUME	# TREES	VOLUME	# TREES	VOLUME	# TREES	VOLUME
14	8	983	2	224	99	9,606	19	1,617	1	78
16	11	2,121	6	896	78	13,101	19	3,214	0	0
18	13	3,829	2	496	54	14,389	24	5,210	0	0
20	6	2,448	1	314	27	9,945	20	5,740	1	296
22	5	2,555	1	387	15	6,734	20	7,719	3	1,236
24	73	51,291	24	13,986	6	3,256	13	5,963	2	787
26	86	75,888	23	15,962	1	626	3	1,470	8	4,814
28	68	69,946	17	13,752	0	0	5	3,180	4	1,927
30	57	68,361	12	10,757	0	0	1	1,094	2	1,436
32	29	42,514	4	3,995	0	0	1	988	1	462
34	22	33,122	2	2,305	0	0	0	0	0	0
36+	14	26,326	8	8,268	0	0	0	0	1	826
TOTALS	392	379,384	100	71,342	280	57,657	125	38,965	23	11,862

CITY OF HARRISONBURG – DRY RIVER TIMBER SALE # 3
100 +/- ACRES – RAWLEY SPRINGS AREA, ROCKINGHAM COUNTY, VA

DBH	YELLOW PINE		SUGAR MAPLE		WHITE OAK		HICKORY		BASSWOOD	
	# TREES	VOLUME	# TREES	VOLUME	# TREES	VOLUME	# TREES	VOLUME	# TREES	VOLUME
14	11	1,101	0	0	0	0	1	132	0	0
16	14	2,221	0	0	0	0	0	0	0	0
18	7	1,754	1	184	0	0	1	136	1	233
20	3	1,045	1	296	0	0	3	940	0	0
22	0	0	0	0	0	0	0	0	2	736
24	0	0	0	0	3	1,228	0	0	1	441
26	0	0	2	942	1	528	0	0	0	0
28	0	0	1	482	0	0	1	616	0	0
30	0	0	0	0	0	0	0	0	0	0
32	0	0	1	644	0	0	0	0	0	0
34	0	0	0	0	0	0	0	0	0	0
36+	0	0	2	2,060	1	921	0	0	0	0
TOTALS	35	6,121	8	4,608	5	2,677	6	1,824	4	1,410

CITY OF HARRISONBURG – DRY RIVER TIMBER SALE # 3
100 +/- ACRES – RAWLEY SPRINGS AREA, ROCKINGHAM COUNTY, VA

DBH	RED MAPLE		BLACK BIRCH		BLACK OAK		BLACK LOCUST		SCARLET OAK	
	# TREES	VOLUME	# TREES	VOLUME	# TREES	VOLUME	# TREES	VOLUME	# TREES	VOLUME
14	1	105	2	156	0	0	4	343	0	0
16	2	249	3	466	0	0	1	143	0	0
18	0	0	1	184	0	0	0	0	0	0
20	0	0	0	0	1	234	0	0	0	0
22	1	290	1	290	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	1	441
26	1	626	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	1	560	0	0	0	0
32	0	0	0	0	0	0	0	0	0	0
34	0	0	0	0	0	0	0	0	0	0
36+	0	0	0	0	0	0	0	0	0	0
TOTALS	5	1,270	7	1,096	2	794	5	486	1	441

CITY OF HARRISONBURG – DRY RIVER TIMBER SALE # 3
100 +/- ACRES – RAWLEY SPRINGS AREA, ROCKINGHAM COUNTY, VA

DBH	BEECH		CHESTNUT OAK		WHITE ASH		SASSAFRAS		TOTAL	
	# TREES	VOLUME	# TREES	VOLUME	# TREES	VOLUME	# TREES	VOLUME	# TREES	VOLUME
14	1	78	0	0	0	0	0	0	149	14,423
16	1	106	0	0	0	0	0	0	135	22,517
18	0	0	0	0	0	0	0	0	104	26,415
20	0	0	0	0	0	0	1	171	64	21,429
22	1	211	1	368	1	290	0	0	51	20,816
24	0	0	0	0	0	0	0	0	123	77,393
26	0	0	0	0	0	0	0	0	125	100,896
28	0	0	0	0	0	0	0	0	96	89,903
30	0	0	0	0	0	0	0	0	73	82,208
32	0	0	0	0	0	0	0	0	36	48,603
34	0	0	0	0	0	0	0	0	24	35,427
36+	0	0	0	0	0	0	0	0	24	38,401
TOTALS	3	395	7	368	1	290	1	171	1,004	578,391

— BUFFER STRIPS (RED PAINT & PINK FLAGGING)

▨ MARKED TIMBER (BLUE PAINT)

▭ PROPERTY LINES (YELLOW PAINT & ORANGE FLAGGING, OLD USFS RED PAINT)

RT. 33

MEET HERE FOR SHOWING & BID OPENING

(WHITE PIPE GATE AT ENTRANCE OF DRY RUN ROAD)

DRY RUN ROAD

W A

Raccoon

N A T I O N A L

BM
1828

KEPHART RUN BRIDGE

RT. 33

TIMBER SALE MAP

CITY OF HARRISONBURG

DRY RIVER TIMBER SALE # 3

100 +/- ACRES MARKED

RAWLEY SPRINGS AREA – ROCKINGHAM COUNTY, VA

SCALE: 1 INCH = 1,000 FEET