

**CATCHMARK TIMBER TRUST, INC.  
PROXY FOR THE 2019 ANNUAL MEETING OF STOCKHOLDERS**

**Your Proxy Vote is important!**

**Please remember that you can vote your Proxy by *INTERNET* or *TELEPHONE*.**

**It Saves Money!** Voting by Internet or telephone saves postage costs, which can help minimize CatchMark Timber Trust, Inc.'s expenses.

**It Saves Time!** Vote instantly by Internet or telephone – 24 hours a day.

**It's Easy!** Just follow these simple steps:

1. Read your proxy statement and have it in hand.
2. Call toll-free **1-800-337-3503** or go to the website: [www.catchmark.com/proxy](http://www.catchmark.com/proxy)
3. Follow the recorded or on-screen instructions.
4. Unless you wish to change your vote, **do *not* mail your Proxy Card if you vote by Internet or telephone.**

**Please detach at perforation before mailing.**

**PROXY**

**CATCHMARK TIMBER TRUST, INC.  
PROXY FOR THE ANNUAL MEETING OF STOCKHOLDERS – JUNE 27, 2019  
THIS PROXY IS BEING SOLICITED ON BEHALF OF THE BOARD OF DIRECTORS**

The undersigned stockholder hereby appoints Jerry Barag and Brian Davis, and each of them, as proxy and attorney-in-fact, each with the power to appoint his substitute, on behalf and in the name of the undersigned, to represent the undersigned at the Annual Meeting of Stockholders (the "Annual Meeting") of CATCHMARK TIMBER TRUST, INC. (the "Company"), to be held on June 27, 2019, and at any adjournments thereof, and to vote all shares of common stock that the undersigned would be entitled to vote if personally present, as indicated on the reverse side of this card. The undersigned acknowledges receipt of the notice of the Annual Meeting, the proxy statement, and the 2018 annual report.

**This proxy, when properly executed, will be voted in the manner directed herein by the undersigned stockholder. If no direction is made, this proxy will be voted "FOR" each director nominee in Proposal No. 1 and "FOR" Proposal Nos. 2 and 3. The proxies are authorized to vote on such other matters as may properly come before the Annual Meeting or any adjournments thereof in accordance with the recommendation of the board of directors or, in the absence of such a recommendation, in their discretion, including but not limited to the power and authority to adjourn the meeting to a date not more than 120 days after the record date in the event that a quorum is not obtained by the June 27, 2019 Annual Meeting date.**

**All proxy votes must be received by 10:00 a.m. (ET), June 27, 2019, in order to be certified in the final tabulation. In the event that the Annual Meeting is adjourned, all proxy votes must be received by 10 a.m. (ET) on the day the Annual Meeting is reconvened.**

**VOTE BY INTERNET: [www.catchmark.com/proxy](http://www.catchmark.com/proxy)  
VOTE BY TELEPHONE: 1-800-337-3503**

**TO VOTE BY MAIL, PLEASE COMPLETE AND RETURN THIS CARD. IF YOU PREFER, YOU MAY INSTEAD VOTE YOUR PROXY BY INTERNET OR TELEPHONE**

**Important Notice Regarding the Availability of Proxy Materials  
for the Annual Meeting of Stockholders  
to Be Held on June 27, 2019**

The Proxy Statement for this meeting, a sample Proxy Card and the 2018 Annual Report are available at:  
[www.catchmark.com/proxy](http://www.catchmark.com/proxy)

Please detach at perforation before mailing.

TO VOTE MARK BLOCKS BELOW IN BLUE OR BLACK INK AS SHOWN IN THIS EXAMPLE:

**A** Proposals THE BOARD OF DIRECTORS RECOMMENDS THAT YOU VOTE "FOR" EACH DIRECTOR NOMINEE IN PROPOSAL NO.1 AND "FOR" PROPOSAL NOS. 2 AND 3. Unless you direct otherwise, this authorized proxy will be voted as our board of directors recommends.

**1. Election of directors to hold office for one-year terms expiring in 2020:**

	FOR	AGAINST	ABSTAIN		FOR	AGAINST	ABSTAIN		FOR	AGAINST	ABSTAIN
01. Jerry Barag	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	04. Donald S. Moss	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	07. Henry G. Zigtema	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
02. Paul S. Fisher	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	05. Willis J. Potts, Jr.	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				
03. Mary E. McBride	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	06. Douglas D. Rubenstein	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>				

- 2.** Approval, on an advisory basis, of the compensation of the Company's named executive officers.
- 3.** Ratification of the appointment of Deloitte & Touche LLP as the Company's independent auditors for the fiscal year ending December 31, 2019.

FOR	AGAINST	ABSTAIN
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

**B** Non-Voting Item: I PLAN TO ATTEND THE ANNUAL MEETING OF STOCKHOLDERS AT 10:00 A.M. (ET), ON JUNE 27, 2019 IN ATLANTA, GEORGIA

YES	NO
<input type="checkbox"/>	<input type="checkbox"/>

**C** Authorized Signatures — This section must be completed for your vote to be counted. — Date and Sign Below

**Note:** Please date this proxy card and sign exactly as your name(s) appear(s) on this proxy card. When shares are held jointly, each holder should sign. When signing as attorney, executor, administrator, trustee, officer of corporation or other entity or in another representative capacity, please give the full title under the signature.

Date (mm/dd/yyyy) — Please print date below

/ /

Signature 1 — Please keep signature within the box

Signature 2 — Please keep signature within the box

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