

UNITED STATES
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

SCHEDULE 14A

Proxy Statement Pursuant to Section 14(a) of the
Securities Exchange Act of 1934

Filed by the Registrant ☐

Filed by a Party other than the Registrant ☒

Check the appropriate box:

☒ Preliminary Proxy Statement

☐ Confidential, for Use of the Commission Only (as permitted by Rule 14a-6(e)(2))

☐ Definitive Proxy Statement

☐ Definitive Additional Materials

☐ Soliciting Material Pursuant to §240.14a-12

TEXAS PACIFIC LAND TRUST

(Name of the Registrant as Specified In Its Charter)

SOFTVEST, L.P.
SOFTVEST ADVISORS, LLC
ART-FGT FAMILY PARTNERS LIMITED
TESSLER FAMILY LIMITED PARTNERSHIP
ERIC L. OLIVER
ALLAN R. TESSLER
HORIZON KINETICS LLC

(Name of Person(s) Filing Proxy Statement, if other than the Registrant)

Payment of Filing Fee (Check the appropriate box):

☒ No fee required.

☐ Fee computed on table below per Exchange Act Rules 14a-6(i)(1) and 0-11.

(1) Title of each class of securities to which transaction applies:

(2) Aggregate number of securities to which transaction applies:

(3) Per unit price or other underlying value of transaction computed pursuant to Exchange Act Rule 0-11 (set forth the amount on which the filing fee is calculated and state how it was determined):

(4) Proposed maximum aggregate value of transaction:

(5) Total fee paid:

☐ Fee paid previously with preliminary materials.

☐ Check box if any part of the fee is offset as provided by Exchange Act Rule 0-11(a)(2) and identify the filing for which the offsetting fee was paid previously. Identify the previous filing by registration statement number, or the Form or Schedule and the date of its filing.

(1) Amount Previously Paid:

(2) Form, Schedule or Registration Statement No.:

(3) Filing Party:

(4) Date Filed:

SPECIAL MEETING OF HOLDERS OF SUB-SHARE CERTIFICATES OF PROPRIETARY INTEREST
OF
TEXAS PACIFIC LAND TRUST

PROXY STATEMENT
OF
SOFTVEST, L.P.

SoftVest, L.P. (“SoftVest LP”) is furnishing this proxy statement (this “Proxy Statement”) to holders of sub-share certificates of proprietary interest (the “Shares”), of Texas Pacific Land Trust (the “Trust”), in connection with SoftVest LP’s solicitation of proxies for use at the special meeting of holders of Shares scheduled to be held on May 22, 2019 at [•], at [•] for the election of a new trustee of the Trust to fill the vacancy created by the resignation of Maurice Meyer III (such meeting, together with any adjournments, continuations or postponements thereof, and any meeting called in lieu thereof, the “Special Meeting”).

This solicitation is being conducted by SoftVest LP, SoftVest Advisors, LLC (“SoftVest Advisors”) and Eric L. Oliver (“Mr. Oliver”), and together with SoftVest LP and SoftVest Advisors, the “SoftVest Participants”), ART-FGT Family Partners Limited (“ART-FGT LP”), Tessler Family Limited Partnership (“Tessler Family LP”), Allen R. Tessler (“Mr. Tessler”), and together with ART-FGT LP and Tessler Family LP, the “Tessler Participants”) and Horizon Kinetics LLC (“Horizon”). The SoftVest Participants, Horizon and the Tessler Participants are referred to collectively as the “Participants”, “we”, “us” or “our”.

The Participants beneficially own in the aggregate approximately 1,947,272 Shares, which represent approximately 25.1% of the outstanding Shares.

AS MORE FULLY DISCUSSED IN THIS PROXY STATEMENT, WE ARE SOLICITING PROXIES TO BE USED AT THE SPECIAL MEETING FOR THE ELECTION OF MR. OLIVER AS A TRUSTEE OF THE TRUST.

THIS SOLICITATION IS BEING MADE BY THE PARTICIPANTS, AND NOT ON BEHALF OF THE TRUSTEES OF THE TRUST.

This Proxy Statement is first being sent or given to holders of Shares on or about April [•], 2019.

If your Shares are held in the name of a brokerage firm, bank or other custodian, only that firm can vote such Shares and, with respect to the election of a trustee, only upon receipt of your specific instruction. Accordingly, we urge you to contact the person responsible for your account and instruct that person to execute the **WHITE** proxy card on your behalf. Please follow any voting instructions provided by your bank, brokerage firm, dealer, trust company or other nominee.

Important Notice Regarding the Availability of Proxy Materials for the Special Meeting — This Proxy Statement and our WHITE proxy card are available at: [•]

If you have any questions regarding your **WHITE** proxy card please contact:



Holders may call toll-free: (800) 848-3416

Banks and brokers call: (212) 269-5550

E-mail: TPL@dfking.com

BACKGROUND OF THE SOLICITATION

The Participants have been long-term investors in the Trust. Specifically, through his or its respective affiliates (1) Mr. Oliver has beneficially owned Shares since 2004, (2) Horizon has beneficially owned Shares since 1994, and (3) Mr. Tessler has beneficially owned Shares since 2015. From time to time the SoftVest Participants, Horizon and the Tessler Participants have in the past engaged with the trustees and other representatives of the Trust, investors and other industry participants to discuss various opportunities to maximize the value of the Trust for the benefit of holders of Shares. Such discussions have included (1) the conversion (the “Conversion”) of the Trust into a Delaware corporation subject to modern governance principles (such as annually elected directors), as permitted by the Trust’s Declaration of Trust, dated February 1, 1888 (the “Declaration”), (2) focusing on the establishment of an experienced team around the Trust’s new water business, with clearly defined goals and objectives, or otherwise considering the separation or sale of such business to a third party with a retained royalty, and (3) the addition of Mr. Oliver as a trustee of the Trust.

On March 15, 2019, SoftVest Advisors, ART-FGT LP, Tessler Family LP and Horizon entered into a Cooperation Agreement (the “Cooperation Agreement”), pursuant to which, among other things, the parties agreed to coordinate certain efforts with respect to their investment in the Trust. The Cooperation Agreement is described in “Information About the Participants — Cooperation Agreement.” A copy of the Cooperation Agreement is filed as Exhibit 1 to the Schedule 13D filed by SoftVest LP on March 15, 2019 and by the Horizon Entities (as defined below) on the same date.

As a result of the Cooperation Agreement, the Participants may be deemed to have formed a “group” pursuant to Rule 13d-5(b)(1) promulgated under the Exchange Act.

On March 15, 2019, SoftVest LP delivered to the Trust written notice of its nomination of Mr. Oliver for election as a trustee at the Special Meeting.

We are soliciting your support to elect Mr. Oliver at the Special Meeting because we expect that he, as a trustee and subject to his duties as such, will encourage the other trustees and the Trust to (1) explore the Conversion, as well as any other opportunities available to maximize value for holders of Shares and (2) be more transparent and frequent on updates to holders of Shares (e.g., drilling updates, drilled and uncompleted well updates, water production, water injection volumes, and engineering reports). In that regard, we understand that if elected Mr. Oliver will be only one of three trustees, such that effecting any of the foregoing will require the agreement of one or both of the other trustees.

WE STRONGLY RECOMMEND A VOTE FOR THE ELECTION OF MR. OLIVER.

MATTERS TO BE CONSIDERED AT THE SPECIAL MEETING

Election of Trustee

The trustees of the Trust are only three in number. Pursuant to the Declaration, each trustee holds office until the earliest of his or her death, resignation or disqualification. At the Special Meeting, one trustee is to be elected to fill the vacancy created by the resignation of Mr. Maurice Meyer III. On March 15, 2019, SoftVest LP gave written notice to the Trust of its nomination of Mr. Oliver for election as a trustee of the Trust. We are seeking your proxy to vote for the election of Mr. Oliver as a trustee.

Mr. Oliver has consented to being named as a nominee in this Proxy Statement and has confirmed his willingness to serve as a trustee of the Trust if elected. The Participants expect that Mr. Oliver will be able to stand for election, but in the event Mr. Oliver is unable to serve as trustee, stand for election as trustee or for good cause will not serve as trustee, the Shares represented by the **WHITE** proxy card will be voted for a substitute candidate selected by SoftVest. Should the Participants determine that it is necessary to add one or more nominees, for any other reason, the Participants will supplement this Proxy Statement.

A trustee will be elected at the Special Meeting only if a majority of Shares represented in person or by proxy and entitled to vote on the election of the trustee vote in favor of such nominee. Abstentions and broker non-votes, if any, are counted in tabulations of the votes cast and have the effect of a vote "against."

Biographical Information Regarding Mr. Oliver

Mr. Oliver is 60 years old and his principal business address is 400 Pine Street, Suite 1010, Abilene, Texas 79601.

Mr. Oliver currently serves as the President of SoftVest Advisors, a registered investment adviser that acts as an investment manager for clients, including funds and managed accounts, with investments in oil and gas minerals and royalties; was President of Midland Map Company, LLC, a Permian Basin oil and gas lease and ownership map producer since 1997 and recently sold in January of this year to Drilling Info; Principal of Geologic Research Centers LLC, a log library providing geological data to the oil and gas industry with a library in Abilene, Texas; and Principal of TenTex Music LLC, a private music royalty partnership. Additionally, Mr. Oliver has served on the Board of Directors of Texas Mutual Insurance Company since 2009, where he currently also serves as Chairman of the Investment Committee, with over \$6,500,000,000 of total assets. He has also served as a director on the Board of Directors of AMEN Properties, Inc. since July 2001 and was appointed Chairman of the Board in September 2002. AMEN Properties directly or indirectly, owns certain oil and gas royalty and working interest properties. In 2007, through certain affiliated entities, Mr. Oliver led a team to successfully acquire the assets of the Santa Fe Energy Trust (formerly NYSE ticker SFF), which consisted of over 12,000 royalty and working interest properties in at least seven states. Furthermore, Mr. Oliver serves on the Board of Abilene Christian Investment Management Company, Abilene Christian University's endowment management company, and is a former member of the Abilene Community Foundation's investment committee. Mr. Oliver received a B.A. in Chemistry from Abilene Christian University in 1981.

Mr. Oliver is an experienced oil and gas investor with over 22 years of experience buying and selling properties (which includes his experience as a Controlling Person of SoftVest LP which he founded in 1998) and over 35 years of experience managing investments with an emphasis in the energy market. For these reasons, we believe Mr. Oliver is exceptionally well-qualified to serve as a trustee of the Trust.

If elected, Mr. Oliver would receive such fees as may be payable by the Trust to trustees in accordance with its practice at the time and its governing documentation. Except as described below, there are no understandings or arrangements between Mr. Oliver or any other person pursuant to which Mr. Oliver's nomination as a trustee is to be made by the Participants.

Other Matters to Be Considered at the Special Meeting

Except as set forth in this Proxy Statement, the Participants are not aware of any other matter likely to be considered at the Special Meeting. However, if the Participants learn of any other proposals at a reasonable time before the Special Meeting, the Participants will either supplement this Proxy Statement and provide holders of Shares with an opportunity to vote by proxy directly on such matters or will not exercise discretionary authority with respect thereto. If other proposals are made thereafter, the persons named as proxies on the **WHITE** proxy card solicited by the Participants will vote such proxies in their discretion.

The Participants in this solicitation intend to vote their Shares “FOR” the election of Mr. Oliver as a trustee of the Trust.

The Trust has set the close of business on March 28, 2019 as the record date for determining the holders of Shares entitled to notice of and to vote at the Special Meeting (the “Record Date”). Holders of Shares of record at the close of business on the Record Date will be entitled to vote at the Special Meeting. According to the Trust, as of the Record Date, there were [•] Shares outstanding. Each Share is entitled to one vote.

INFORMATION ABOUT THE PARTICIPANTS

SoftVest Participants

SoftVest LP is a hedge fund specializing in the ownership of oil and gas minerals and royalties. The general partner of SoftVest LP is SoftVest GP I, LLC, a Delaware limited liability company (“SV GP”). Mr. Oliver is the managing member of SV GP. The principal business SV GP is to act as general partner to SoftVest LP. The principal business of SoftVest Advisors is to serve as investment manager of SoftVest LP.

The principal business address of the SoftVest Participants, SV GP and the Debeck Entities (as defined below) is 400 Pine Street, Suite 1010, Abilene, Texas 79601.

SoftVest LP holds 130,500 Shares (the “SoftVest Shares”), which represent approximately 1.7% of the Shares. SoftVest LP holds 100 of the SoftVest Shares in its record name.

The SoftVest Participants share beneficial ownership of the SoftVest Shares.

Mr. Oliver beneficially owns 133,200 Shares (representing approximately 1.7% of the outstanding Shares), which includes (i) the 130,500 SoftVest Shares, (ii) 100 Shares that Mr. Oliver holds in his own name, (iii) 350 Shares held by trusts administered for the benefit of Mr. Oliver’s grandchildren, and (iv) 2,250 Shares owned by Debeck LLC and Debeck Properties, LP (collectively, the “Debeck Entities”), which Mr. Oliver controls.

Mr. Oliver’s children own an additional 2,389 Shares, with respect to which Mr. Oliver disclaims beneficial ownership. Mr. Oliver currently serves on the Board of Trustees of Abilene Christian Investment Management Company, Abilene Christian University’s endowment management company (“ACIMCO”). The principal business address of ACIMCO is 244 Hunter Welcome Center, ACU Boc 29139, Abilene, Texas 79699. ACIMCO beneficially owns 56,556 Shares, with respect to which Mr. Oliver disclaims beneficial ownership.

Tessler Participants

The principal business of each of ART-FGT LP and Tessler Family LP is to invest in private and public securities. The general partner of ART-FGT LP is Tessler FMC, LLC, a Wyoming limited liability company (“Tessler LLC”). Mr. Tessler and his spouse, Frances G. Tessler, are the members of Tessler LLC. Andrea Tessler and Karla Tessler, daughters of Mr. Tessler, are the managers of Tessler LLC. The general partner of Tessler Family LP is Apres Vous, LLC, a Wyoming limited liability company (“Apres LLC”). Andrea Tessler, Karla Tessler and Christopher Tessler, the children of Mr. Tessler, are the members of Apres LLC. Andrea Tessler and Karla Tessler are the managers of Apres LLC. The principal business of Tessler LLC and Apres LLC is to act as general partner to ART-FGT LP and Tessler Family LP, respectively. Mr. Tessler’s principal occupation is as Chairman of the Board and Chief Executive Officer of International Financial Group, Inc., an international merchant banking firm.

The principal business address of the Tessler Participants, Apres LLC and Tessler LLC is 2500 Moose-Wilson Road, Wilson, WY 83014.

ART-FGT LP beneficially owns 10,330 Shares (the “ART-FGT Shares”), which represent approximately 0.1% of the Shares.

Tessler Family LP beneficially owns 1,300 Shares (the “TF Shares”), which represent approximately 0.1% of the Shares.

Mr. Tessler beneficially owns 11,630 Shares (representing approximately 0.1% of the Shares), which includes the ART-FGT Shares and the TF Shares (collectively, the “Tessler Shares”).

Horizon Entities

Horizon's principal business is to act as a parent company of the following registered investment advisers: (i) Horizon Asset Management, LLC, a Delaware limited liability company, (ii) Kinetics Asset Management LLC, a Delaware limited liability company and (iii) Kinetics Advisers, LLC, a New York limited liability company (the entities referenced in the foregoing clauses (i)-(iii), the "HK Advisers" and, together with Horizon, the "Horizon Entities"). The principal business of the Horizon Entities is, through its registered investment advisers, to act as a discretionary investment manager on behalf of its clients.

The Horizon Entities' principal business address is 470 Park Avenue South, New York, New York 10016.

Horizon beneficially owns an aggregate of 1,802,442 Shares, representing approximately 23.2% of the Shares. This number does not include approximately 22,695 Shares held directly by senior portfolio managers of Horizon and their families, with respect to which Horizon disclaims beneficial ownership.

Additional information concerning transactions in securities of the Trust effected during the past two years by the SoftVest Participants, the Tessler Participants and the Horizon Entities is set forth in Appendix B to this Proxy Statement. All approximations of the percentage of Share ownership herein are based on the 7,760,414 Shares reported to be outstanding by the Trust as of January 31, 2019.

Mr. Oliver

See the section titled "Matters to be considered at the Special Meeting — Biographical Information Regarding Mr. Oliver."

Cooperation Agreement

On March 15, 2019, SoftVest Advisors, Horizon, ART-FGT LP and Tessler Family LP entered into the Cooperation Agreement, pursuant to which, among other things, the parties agreed to attend the Special Meeting in person or by proxy and vote the Shares beneficially owned by such party in favor of the election of Mr. Oliver as a trustee of the Trust ("Oliver Election"). Without the prior consent of the other parties and subject to certain exceptions, no party will sell or otherwise dispose of any Shares. The Cooperation Agreement further provides that SoftVest Advisors will take the lead on all activities related to the Oliver Election, including (i) the conduct or settlement of any proxy contest, consent solicitation or similar actions involving the Special Meeting and (ii) the manner, form, content and timing of any communications with the Trust related to the Oliver Election, as well as any public disclosures, public statements or other public communications relating to the Oliver Election and the Special Meeting, the Cooperation Agreement or the activities contemplated by the Cooperation Agreement (except to the extent such disclosure is required by a regulatory filing). SoftVest Advisors must reasonably consult with the other parties with respect to the form, content and timing of any communications with the Trust or the taking of any of the foregoing actions. Each party has agreed to pay all documented, third party, out-of-pocket costs and expenses as it may agree from time to time in writing (which may be via e-mail) and to use its reasonable best efforts to consult with the other parties in advance prior to incurring any such expenses greater than Ten Thousand Dollars (\$10,000). The Cooperation Agreement automatically terminates at the end of the day of completion of the Special Meeting. A copy of the Cooperation Agreement is filed as Exhibit 1 to the Schedule 13D filed by SoftVest LP on March 15, 2019 and by the Horizon Entities on the same date.

VOTING AND PROXY PROCEDURES

How do I vote by proxy?

If your Shares are held in your name, you may vote by proxy as follows:

Vote by Telephone — Please call toll-free from the U.S. or Canada the phone number listed on your proxy card and follow the simple instructions provided. You will be required to provide the unique control number printed on your proxy card and should have your proxy card available when you call.

Vote by Internet — Please access the website linked on your proxy card and follow the on-screen instructions or scan the QR code with your smartphone. You will be required to provide the unique control number printed on your proxy card and should have your proxy card available when you call.

You may vote by telephone or Internet 24 hours a day, 7 days a week until 11:59 PM EDT the day before the Special Meeting. Your telephone or Internet vote authorizes the named proxies to vote your Shares in the same manner as if you had executed a proxy card.

Vote by Mail — If you do not have access to a touch-tone telephone or to the Internet or wish to vote by mail, please sign, date and return the proxy card in the envelope provided, or mail to: SoftVest L.P., c/o D.F. King & Co., Inc., 48 Wall Street, 22nd Floor, New York, New York 10005.

The telephone and Internet voting procedures use a control number that appears on your **WHITE** proxy card to authenticate you as a holder of Shares of record and to allow you to confirm that your voting instructions have been correctly recorded. If you vote by telephone or Internet, you do not need to return the **WHITE** proxy card.

How do I vote Shares that I hold through a broker, bank or other custodian?

If you hold Shares through someone else, such as a broker, bank or other custodian, you will receive voting material from that firm. You can complete the **WHITE** voting form and return it as requested by the firm. If the firm offers Internet or telephone voting, the voting form will contain instructions on how to access and utilize those voting methods. If you hold your Shares in a stock brokerage account or by a bank or other custodian, you will not be able to vote in person at the Special Meeting unless you have previously requested and obtained a “legal proxy” from your broker, bank or other custodian and present it at the Special Meeting.

What if I plan to attend the Special Meeting, should I still submit a **WHITE** proxy card?

Yes. Whether or not you plan to attend the Special Meeting, we urge you to submit a **WHITE** proxy card. Returning the enclosed proxy card will not affect your right to attend and vote at the Special Meeting.

What if I want to revoke my proxy?

Any proxy may be revoked as to all matters covered thereby at any time prior to the time a vote is taken by (i) submitting a duly executed proxy bearing a later date or submitting a later proxy using the telephone or Internet voting procedures described above, (ii) filing a later-dated written revocation with an agent of the Trust, or (iii) attending and voting at the Special Meeting in person. Attendance at the Special Meeting will not in and of itself constitute a revocation. If you hold your Shares in a brokerage account or by a bank or other custodian, unless you have obtained a “legal proxy” from your bank, broker or other custodian, you will need to follow the instructions provided by your bank, broker or other custodian to revoke your voting form or submit a new voting form.

What should I do if I receive a proxy card solicited by the Trust?

If you submit a proxy to us by signing and returning the enclosed **WHITE** proxy card, do not sign or return the proxy card solicited by the Trust or follow any voting instructions provided by the Trust unless you intend to change your vote, because only your latest-dated proxy will be counted.

If you have already sent a proxy card to the Trust, or voted for its nominee through telephone or Internet voting procedures, you may revoke that vote and provide your support to Mr. Oliver by signing, dating and returning the enclosed **WHITE** proxy card or by following the instructions to vote by telephone or Internet described above.

Who can vote?

Holders of Shares as of the close of business on the Record Date will be entitled to vote at the Special Meeting. If you are a holder of Shares of record on the Record Date, you will retain the voting rights in connection with the Special Meeting even if you sell such Shares after the Record Date. Accordingly, it is important that you vote the Shares held by you on the Record Date, or grant a proxy to vote such Shares on the **WHITE** proxy card, even if you sell such Shares after such date.

IF YOU WISH TO VOTE FOR THE ELECTION OF MR. OLIVERAS TRUSTEE, PLEASE SIGN, DATE AND RETURN PROMPTLY THE ENCLOSED **WHITE PROXY CARD IN THE POSTAGE-PAID ENVELOPE PROVIDED OR FOLLOW THE INSTRUCTIONS ON YOUR **WHITE** PROXY CARD TO VOTE BY TELEPHONE OR VIA THE INTERNET.**

To the knowledge of the Participants, under applicable law, none of the holders of Shares are entitled to appraisal or other similar dissenters' rights in connection with any matter anticipated to be acted on at the Special Meeting.

If you sign and submit your **WHITE** proxy card without specifying how you would like your Shares voted, your Shares will be voted "FOR" the election of Mr. Oliver.

BY EXECUTING THE **WHITE** PROXY CARD YOU ARE AUTHORIZING THE PERSONS NAMED AS PROXIES TO REVOKE ALL PRIOR PROXIES ON YOUR BEHALF.

SOLICITATION; EXPENSES

Proxies may be solicited by mail, advertisement, telephone, internet, e-mail, facsimile, other media and personal solicitation by the Participants. No additional compensation will be paid to the Participants for the solicitation of proxies (other than the reimbursement of certain agreed expenses incurred by the Participants by or on behalf of certain other Participants and pursuant to the Cooperation Agreement). Banks, brokerage houses and other custodians, nominees and fiduciaries will be requested to forward the Participants' solicitation material to their customers for whom they hold Shares, and the Participants will reimburse them for their reasonable out-of-pocket expenses.

SoftVest Advisors has retained D.F. King & Co., Inc. ("**DFK**") to assist in the solicitation of proxies and for related services. SoftVest Advisors will pay DFK an estimated fee of up to \$150,000 and has agreed to reimburse DFK for certain out-of-pocket fees and expenses and to indemnify DFK against certain liabilities and expenses, including reasonable legal fees and related charges. DFK will solicit proxies from individuals, brokers, banks, bank nominees and other institutional holders. Approximately 25 persons will be used by DFK in its solicitation efforts.

The entire expense of preparing, assembling, printing and mailing this Proxy Statement and related materials and the cost of soliciting proxies will be borne by the Participants. To the extent legally permissible, if successful in the election of Mr. Oliver, the Participants currently intend to seek reimbursement from the Trust for the costs of this solicitation. The Participants do not currently intend to submit the question of such reimbursement to a vote of the holders of Shares.

The Participants estimate that the total expenditures relating to this proxy solicitation incurred by the Participants will be approximately \$[•], approximately \$[•] of which has been incurred to date. Such costs do not include legal fees and expenses in connection with any potential litigation.

If you have any questions concerning this Proxy Statement or the procedures to be followed to execute and deliver a proxy, please contact DFK at the address or phone number specified above.

INFORMATION ABOUT THE TRUST

Based upon documents publicly filed by the Trust, the mailing address of the principal executive offices of the Trust is 1700 Pacific Avenue, Suite 2770, Dallas, Texas 75201.

The Trust is subject to the periodic reporting requirements of the Securities Exchange Act of 1934, as amended (the "Exchange Act") and, in accordance therewith, is required to file reports, proxy statements and other information with the SEC. Reports, registration statements, proxy statements and other information filed by the Trust with the SEC may be inspected at, and copies may be obtained from, the public reference facilities maintained at the SEC at 100 F Street, N.E., Washington, DC 20549. Copies of such material can also be

obtained upon written request addressed to the SEC, Public Reference Section, 100 F Street, N.E., Washington, DC 20549, at prescribed rates. You may obtain information on the operation of the SEC's Public Reference Room by calling the SEC at (800) SEC-0330. The SEC also maintains a web site on the Internet (<http://www.sec.gov>) where reports, proxy and information statements and other information regarding issuers and others that file electronically with the SEC may be obtained free of charge.

The Participants have omitted from this Proxy Statement certain disclosure required by applicable law to be included in the Trust's proxy statement, in reliance on Rule 14a-5(c) of the Exchange Act. Such disclosure includes Item 1 of Schedule 14A (time and place of the Special Meeting), Item 5 of Schedule 14A (interest of certain persons in matters to be acted upon, other than the Participants), Item 6 of Schedule 14A (voting securities and principal holders thereof, other than the Participants), Item 7 of Schedule 14A (directors and executive officers, other than Mr. Oliver), Item 8 of Schedule 14A (compensation of directors and executive officers), Item 9 of Schedule 14A (independent public accountants), the date by which proposals of holders of Shares intended to be presented at the Special Meeting must be received by the Trust in order to be included in the Trust's proxy materials for that meeting and the date after which holder of Shares may make proposals for the Special Meeting will be considered untimely. Please refer to the Trust's proxy statement for such information. Except as otherwise noted herein, the information in this Proxy Statement concerning the Trust has been taken from or is based upon documents and records on file with the SEC and other publicly available information. Although the Participants do not have any knowledge indicating that any statement contained herein is untrue, we do not take any responsibility, except to the extent imposed by law, for the accuracy or completeness of statements taken from public documents and records that were not prepared by or on behalf of the Participants, or for any failure by the Trust to disclose events that may affect the significance or accuracy of such information.

WE URGE YOU NOT TO RETURN ANY PROXY CARD YOU RECEIVE FROM THE TRUST — EVEN AS A PROTEST VOTE. EVEN IF YOU PREVIOUSLY HAVE SUBMITTED A PROXY CARD FURNISHED BY THE TRUST, IT IS NOT TOO LATE TO CHANGE YOUR VOTE BY INTERNET OR TELEPHONE OR SIMPLY BY SIGNING, DATING AND RETURNING THE ENCLOSED **WHITE** PROXY CARD. WE URGE THAT YOU VOTE BY INTERNET OR TELEPHONE OR BY SIGNING, DATING AND RETURNING THE ENCLOSED **WHITE** PROXY CARD TO US TODAY.

IF A HOLDER RETURNS A **WHITE** PROXY CARD THAT IS SIGNED, DATED AND NOT MARKED WITH RESPECT TO A PROPOSAL, THAT HOLDER WILL BE DEEMED TO HAVE GIVEN A DIRECTION TO VOTE "**FOR**" MR. OLIVER TO BE ELECTED AS A TRUSTEE OF THE TRUST.

YOUR VOTE IS IMPORTANT, NO MATTER HOW MANY OR HOW FEW SHARES YOU OWN.

FORWARD-LOOKING STATEMENTS

This Proxy Statement may include forward-looking statements that reflect the Participants' current views with respect to future events. Statements that include the words "expect," "intend," "plan," "believe," "project," "anticipate," "will," "may," "would" or similar words are often used to identify forward-looking statements. All forward-looking statements address matters that involve risks and uncertainties, many of which are beyond our control. Accordingly, there are or will be important factors that could cause actual results to differ materially from those indicated in such statements and, therefore, you should not place undue reliance on any such statements. Any forward-looking statements made in this Proxy Statement are qualified in their entirety by these cautionary statements, and there can be no assurance that the actual results or developments anticipated by the Participants will be realized or, even if substantially realized, that they will have the expected consequences to, or effects on, the Trust or its business, operations or financial condition. Except to the extent required by applicable law, the Participants undertake no obligation to update publicly or revise any forward-looking statement, whether as a result of new information, future developments or otherwise.

APPENDIX A

Except as set forth in this Proxy Statement, including in the Appendices hereto, to the best knowledge of the Participants, none of the Participants, any of the persons participating in this solicitation on behalf of the Participants, nor any associate of any of the foregoing persons (i) has any interest in any matter to be acted upon at the Special Meeting, (ii) owns beneficially, directly or indirectly, or has the right to acquire, any securities of the Trust or any parent or subsidiary of the Trust, (iii) owns any securities of the Trust of record but not beneficially, (iv) has purchased or sold any securities of the Trust within the past two years, (v) is or has been a party to any contract, arrangement or understanding with respect to any securities of the Trust within the past year, including, but not limited to, joint ventures, loan or option arrangements, puts or calls, guarantees against loss or guarantees of profit, division of losses or profits, or the giving or withholding of proxies, (vi) has any arrangement or understanding with respect to future employment by the Trust or with respect to any future transactions to which the Trust or any of its affiliates will be or may be a party, (vii) has incurred indebtedness for the purpose of acquiring or holding securities of the Trust, (viii) has been indebted to the Trust or any of its subsidiaries since the beginning of the Trust's last fiscal year, or (ix) has engaged in or had a direct or indirect interest in any transaction, or series of similar transactions, since the beginning of the Trust's last fiscal year, or any currently proposed transaction, or series of similar transactions, to which the Trust or any of its subsidiaries was or is to be a party, in which the amount involved exceeds \$120,000. In addition, except as set forth in this Proxy Statement or in the Appendices hereto, to the best knowledge of the Participants, none of the Participants, any of the persons participating in this solicitation on behalf of the Participants, Mr. Oliver, nor any associate of any of the foregoing persons has had or is deemed to have a direct or indirect material interest in any transaction with the Trust since the beginning of the Trust's last fiscal year, or in any proposed transaction, to which the Trust or any of its affiliates was or is a party. Except as set forth in this Proxy Statement, including in the Appendices hereto, none of the corporations or organizations in which Mr. Oliver has conducted his principal occupation or employment was a parent, subsidiary or other affiliate of the Trust, and Mr. Oliver does not hold any position or office with the Trust, has any family relationship with any executive officer or director of the Trust or each other, or has been involved in any legal proceedings of the type required to be disclosed by the rules governing this solicitation. Except as set forth in this Proxy Statement, including in the Appendices hereto, to the knowledge of the Participants, there are no material proceedings to which any Participant, or any of their associates, is a party adverse to the Trust or any of its subsidiaries, or in which Mr. Oliver or any of his associates has a material interest adverse to the Trust or any of its subsidiaries.

During the past ten years, none of the Participants was involved in any event that would be required to be disclosed under Item 401(f) of Regulation S-K, promulgated by the SEC under the Exchange Act.

During the last fiscal year, Mr. Oliver has not failed to file reports related to the Trust that are required by Section 16(a) of the Exchange Act.

The Participants and their associates and affiliates may effect purchases of Shares through margin accounts maintained for them with brokers, which extend margin credit as and when required to open or carry positions in their margin accounts, subject to applicable federal margin regulations, stock exchange rules and such firms' credit policies. Positions in Shares may be held in margin accounts and may be pledged as collateral security for the repayment of debit balances in such accounts. Such margin accounts may from time to time have debit balances. In addition, since other securities may be held in such margin accounts, it may not be possible to determine the amounts, if any, of margin used to purchase Shares.

To the best knowledge of the Participants, the Participants believe that Mr. Oliver will be independent under the applicable New York Stock Exchange corporate governance rules.

APPENDIX B
TRANSACTIONS IN SECURITIES OF TEXAS PACIFIC LAND TRUST

The following tables set forth information with respect to all purchases and sales of Shares by the Participants and their associates and affiliates during the past two years (amounts in parentheses indicate a sale of shares):

SoftVest, L.P.

| <u>Trade Date</u> | <u>Transaction</u> | <u>Quantity</u> |
|-------------------|--------------------|-----------------|
| 04/13/2017 | Buy | 505 |
| 05/18/2017 | Buy | 1,500 |
| 06/01/2017 | Buy | 1,500 |
| 06/19/2017 | Sell | (1,000) |
| 06/22/2017 | Buy | 300 |
| 07/17/2017 | Sell | (1,000) |
| 07/18/2017 | Sell | (1,805) |
| 12/07/2017 | Buy | 300 |
| 12/08/2017 | Buy | 200 |
| 12/20/2017 | Buy | 200 |
| 12/28/2017 | Buy | 300 |
| 01/24/2018 | Buy | 835 |
| 02/01/2018 | Buy | 665 |
| 02/05/2018 | Buy | 2,100 |
| 02/09/2018 | Buy | 600 |
| 03/27/2018 | Buy | 500 |
| 03/28/2018 | Buy | 1,000 |
| 08/15/2018 | Buy | 500 |
| 10/10/2018 | Buy | 1,000 |
| 10/11/2018 | Buy | 1,011 |
| 10/12/2018 | Buy | 789 |
| 10/15/2018 | Buy | 1,000 |
| 10/19/2018 | Buy | 183 |
| 10/22/2018 | Buy | 2,817 |
| 10/23/2018 | Buy | 2,000 |
| 10/24/2018 | Buy | 1,000 |
| 10/29/2018 | Buy | 1,000 |
| 10/30/2018 | Buy | 1,000 |
| 11/01/2018 | Buy | 3,210 |
| 11/02/2018 | Buy | 60 |
| 11/05/2018 | Buy | 730 |
| 11/09/2018 | Buy | 420 |
| 11/12/2018 | Buy | 3,590 |
| 11/13/2018 | Buy | 1,100 |
| 11/13/2018 | Sell | (100) |
| 11/14/2018 | Buy | 4,000 |
| 11/15/2018 | Buy | 297 |
| 11/20/2018 | Buy | 693 |
| 11/29/2018 | Buy | 1,000 |
| 12/04/2018 | Buy | 140 |
| 12/06/2018 | Buy | 860 |
| 12/11/2018 | Buy | 1,110 |
| 12/14/2018 | Buy | 1,000 |
| 12/17/2018 | Buy | 660 |

| <u>Trade Date</u> | <u>Transaction</u> | <u>Quantity</u> |
|-------------------|--------------------|-----------------|
| 12/18/2018 | Buy | 2,230 |
| 12/21/2018 | Buy | 1,500 |
| 12/24/2018 | Buy | 500 |
| 02/01/2019 | Sell | (1,500) |
| 02/04/2019 | Sell | (2,000) |
| 02/05/2019 | Sell | (504) |
| 02/06/2019 | Sell | (5) |
| 02/14/2019 | Sell | (1,500) |
| 02/15/2019 | Sell | (1,216) |
| 02/19/2019 | Sell | (3,275) |
| 02/20/2019 | Sell | (1,500) |

ART-FGT Family Partners Limited

| <u>Trade Date</u> | <u>Transaction</u> | <u>Quantity</u> |
|-------------------|--------------------|-----------------|
| 10/10/2017 | Sell | (5,000) |
| 10/11/2017 | Sell | (2,685) |
| 10/12/2017 | Sell | (2,315) |
| 11/10/2017 | Sell | (5) |
| 1/11/2018 | Sell | (2,000) |
| 10/11/2018 | Buy | 500 |
| 10/24/2018 | Buy | 500 |

Tessler Family Limited Partnership

| <u>Trade Date</u> | <u>Transaction</u> | <u>Quantity</u> |
|-------------------|--------------------|-----------------|
| 5/19/2017 | Buy | 300 |

Eric L. Oliver

| <u>Trade Date</u> | <u>Transaction</u> | <u>Quantity</u> |
|-------------------|--------------------|-----------------|
| 9/17/2018 | Buy | 100 |

Debeck LLC

| <u>Trade Date</u> | <u>Transaction</u> | <u>Quantity</u> |
|-------------------|--------------------|-----------------|
| 12/13/2018 | Buy | 100 |
| 12/17/2018 | Buy | 100 |
| 12/18/2018 | Buy | 100 |

Debeck Properties, LP

| <u>Trade Date</u> | <u>Transaction</u> | <u>Quantity</u> |
|-------------------|--------------------|-----------------|
| 12/13/2018 | Buy | 100 |
| 12/17/2018 | Buy | 100 |
| 12/18/2018 | Buy | 100 |

Trusts Administered for the Benefit of Mr. Oliver's Grandchildren

Kian Myles Danley Custodian Account

| Trade Date | Transaction | Quantity |
|------------|-------------|----------|
| 5/10/2017 | Buy | 50 |

Lawson Thomas Oliver Custodianship

| Trade Date | Transaction | Quantity |
|------------|-------------|----------|
| 10/26/2017 | Buy | 50 |

Wendy Delphine Oliver Custodianship

| Trade Date | Transaction | Quantity |
|------------|-------------|----------|
| 12/22/2017 | Buy | 50 |

Horizon Asset Management, LLC

| Trade Date | Transaction | Quantity |
|------------|-------------|----------|
| 3/1/2017 | Buy | 2,765 |
| 3/1/2017 | Sell | (196) |
| 3/2/2017 | Buy | 1,021 |
| 3/2/2017 | Sell | (51) |
| 3/3/2017 | Buy | 2,745 |
| 3/3/2017 | Sell | (504) |
| 3/6/2017 | Buy | 1,575 |
| 3/6/2017 | Sell | (28) |
| 3/7/2017 | Buy | 190 |
| 3/7/2017 | Sell | (60) |
| 3/8/2017 | Buy | 190 |
| 3/8/2017 | Sell | (53) |
| 3/9/2017 | Buy | 298 |
| 3/9/2017 | Sell | (43) |
| 3/10/2017 | Buy | 279 |
| 3/10/2017 | Sell | (16) |
| 3/13/2017 | Sell | (15) |
| 3/14/2017 | Buy | 1,619 |
| 3/15/2017 | Buy | 3,470 |
| 3/16/2017 | Buy | 899 |
| 3/17/2017 | Buy | 266 |
| 3/17/2017 | Sell | (27) |
| 3/20/2017 | Buy | 282 |
| 3/21/2017 | Buy | 320 |
| 3/21/2017 | Sell | (25) |
| 3/22/2017 | Buy | 288 |
| 3/22/2017 | Sell | (362) |
| 3/23/2017 | Buy | 280 |
| 3/23/2017 | Sell | (169) |
| 3/24/2017 | Buy | 305 |
| 3/24/2017 | Sell | (204) |
| 3/27/2017 | Buy | 535 |

| Trade Date | Transaction | Quantity |
|------------|-------------|----------|
| 3/28/2017 | Buy | 225 |
| 3/29/2017 | Buy | 1,830 |
| 3/30/2017 | Buy | 3,898 |
| 3/30/2017 | Sell | (327) |
| 3/31/2017 | Buy | 4,158 |
| 4/3/2017 | Buy | 1,564 |
| 4/3/2017 | Sell | (74) |
| 4/4/2017 | Buy | 1,089 |
| 4/5/2017 | Buy | 5,520 |
| 4/5/2017 | Sell | (130) |
| 4/6/2017 | Buy | 6,365 |
| 4/6/2017 | Sell | (137) |
| 4/7/2017 | Buy | 1,198 |
| 4/10/2017 | Buy | 6,319 |
| 4/11/2017 | Buy | 581 |
| 4/12/2017 | Buy | 320 |
| 4/12/2017 | Sell | (8) |
| 4/13/2017 | Buy | 2,234 |
| 4/17/2017 | Buy | 1,396 |
| 4/18/2017 | Buy | 4,925 |
| 4/19/2017 | Buy | 2,905 |
| 4/20/2017 | Buy | 3,429 |
| 4/20/2017 | Sell | (41) |
| 4/21/2017 | Buy | 2,955 |
| 4/21/2017 | Sell | (504) |
| 4/24/2017 | Buy | 5,281 |
| 4/24/2017 | Sell | (2,000) |
| 4/25/2017 | Buy | 1,178 |
| 4/25/2017 | Sell | (53) |
| 4/26/2017 | Buy | 226 |
| 4/27/2017 | Buy | 289 |
| 4/28/2017 | Buy | 308 |
| 5/1/2017 | Buy | 348 |
| 5/1/2017 | Sell | (137) |
| 5/2/2017 | Buy | 616 |
| 5/2/2017 | Sell | (35) |
| 5/3/2017 | Buy | 348 |
| 5/4/2017 | Buy | 533 |
| 5/5/2017 | Buy | 495 |
| 5/5/2017 | Sell | (145) |
| 5/8/2017 | Buy | 304 |
| 5/9/2017 | Buy | 363 |
| 5/10/2017 | Buy | 512 |
| 5/10/2017 | Sell | (55) |
| 5/11/2017 | Buy | 372 |
| 5/12/2017 | Buy | 314 |
| 5/12/2017 | Sell | (12) |
| 5/15/2017 | Buy | 260 |
| 5/16/2017 | Buy | 1,594 |
| 5/16/2017 | Sell | (80) |

| Trade Date | Transaction | Quantity |
|------------|-------------|----------|
| 5/17/2017 | Buy | 726 |
| 5/17/2017 | Sell | (325) |
| 5/18/2017 | Buy | 298 |
| 5/19/2017 | Buy | 424 |
| 5/22/2017 | Buy | 371 |
| 5/23/2017 | Buy | 456 |
| 5/23/2017 | Sell | (70) |
| 5/24/2017 | Buy | 318 |
| 5/25/2017 | Buy | 1,044 |
| 5/25/2017 | Sell | (433) |
| 5/26/2017 | Buy | 1,128 |
| 5/30/2017 | Buy | 1,182 |
| 5/30/2017 | Sell | (163) |
| 5/31/2017 | Buy | 1,104 |
| 5/31/2017 | Sell | (34) |
| 6/1/2017 | Buy | 1,110 |
| 6/2/2017 | Buy | 1,165 |
| 6/2/2017 | Sell | (27) |
| 6/5/2017 | Buy | 1,441 |
| 6/5/2017 | Sell | (83) |
| 6/6/2017 | Buy | 1,455 |
| 6/6/2017 | Sell | (104) |
| 6/7/2017 | Buy | 1,791 |
| 6/8/2017 | Buy | 2,278 |
| 6/8/2017 | Sell | (55) |
| 6/9/2017 | Buy | 1,308 |
| 6/12/2017 | Buy | 1,338 |
| 6/12/2017 | Sell | (54) |
| 6/13/2017 | Buy | 1,592 |
| 6/13/2017 | Sell | (17) |
| 6/14/2017 | Buy | 1,696 |
| 6/14/2017 | Sell | (792) |
| 6/15/2017 | Buy | 718 |
| 6/16/2017 | Buy | 963 |
| 6/16/2017 | Sell | (24) |
| 6/19/2017 | Buy | 1,612 |
| 6/19/2017 | Sell | (251) |
| 6/20/2017 | Buy | 1,168 |
| 6/20/2017 | Sell | (21) |
| 6/21/2017 | Buy | 1,706 |
| 6/21/2017 | Sell | (11) |
| 6/22/2017 | Buy | 1,171 |
| 6/23/2017 | Buy | 1,501 |
| 6/26/2017 | Buy | 1,529 |
| 6/26/2017 | Sell | (71) |
| 6/27/2017 | Buy | 1,394 |
| 6/28/2017 | Buy | 1,462 |
| 6/29/2017 | Buy | 1,667 |
| 6/29/2017 | Sell | (7) |
| 6/30/2017 | Buy | 1,452 |

| Trade Date | Transaction | Quantity |
|------------|-------------|----------|
| 7/3/2017 | Buy | 1,525 |
| 7/5/2017 | Buy | 1,235 |
| 7/6/2017 | Buy | 1,116 |
| 7/7/2017 | Buy | 1,147 |
| 7/7/2017 | Sell | (54) |
| 7/10/2017 | Buy | 1,163 |
| 7/10/2017 | Sell | (98) |
| 7/11/2017 | Buy | 1,589 |
| 7/11/2017 | Sell | (466) |
| 7/12/2017 | Buy | 1,218 |
| 7/13/2017 | Buy | 1,245 |
| 7/14/2017 | Buy | 1,379 |
| 7/17/2017 | Buy | 1,422 |
| 7/18/2017 | Buy | 1,360 |
| 7/19/2017 | Buy | 1,349 |
| 7/19/2017 | Sell | (13) |
| 7/20/2017 | Buy | 1,402 |
| 7/20/2017 | Sell | (67) |
| 7/21/2017 | Buy | 1,782 |
| 7/21/2017 | Sell | (43) |
| 7/24/2017 | Buy | 3,208 |
| 7/25/2017 | Buy | 4,667 |
| 7/25/2017 | Sell | (1,625) |
| 7/26/2017 | Buy | 2,985 |
| 7/27/2017 | Buy | 1,261 |
| 7/27/2017 | Sell | (57) |
| 7/28/2017 | Buy | 1,286 |
| 7/28/2017 | Sell | (130) |
| 7/31/2017 | Buy | 1,105 |
| 8/1/2017 | Buy | 1,328 |
| 8/2/2017 | Buy | 1,242 |
| 8/2/2017 | Sell | (30) |
| 8/3/2017 | Buy | 1,471 |
| 8/4/2017 | Buy | 1,682 |
| 8/7/2017 | Buy | 1,323 |
| 8/8/2017 | Buy | 1,602 |
| 8/9/2017 | Buy | 353 |
| 8/9/2017 | Sell | (233) |
| 8/10/2017 | Buy | 278 |
| 8/10/2017 | Sell | (36) |
| 8/11/2017 | Buy | 1,986 |
| 8/11/2017 | Sell | (140) |
| 8/14/2017 | Buy | 1,598 |
| 8/15/2017 | Buy | 739 |
| 8/15/2017 | Sell | (175) |
| 8/16/2017 | Buy | 334 |
| 8/17/2017 | Buy | 1,210 |
| 8/17/2017 | Sell | (478) |
| 8/18/2017 | Buy | 1,322 |
| 8/18/2017 | Sell | (24) |

| Trade Date | Transaction | Quantity |
|------------|-------------|----------|
| 8/21/2017 | Buy | 885 |
| 8/21/2017 | Sell | (293) |
| 8/22/2017 | Buy | 341 |
| 8/22/2017 | Sell | (37) |
| 8/23/2017 | Buy | 985 |
| 8/23/2017 | Sell | (66) |
| 8/24/2017 | Buy | 372 |
| 8/25/2017 | Buy | 373 |
| 8/25/2017 | Sell | (26) |
| 8/28/2017 | Buy | 333 |
| 8/28/2017 | Sell | (41) |
| 8/29/2017 | Buy | 341 |
| 8/30/2017 | Buy | 475 |
| 8/31/2017 | Buy | 356 |
| 9/1/2017 | Buy | 319 |
| 9/5/2017 | Buy | 263 |
| 9/6/2017 | Buy | 1,187 |
| 9/6/2017 | Sell | (6) |
| 9/7/2017 | Buy | 229 |
| 9/8/2017 | Buy | 311 |
| 9/8/2017 | Sell | (5) |
| 9/11/2017 | Buy | 258 |
| 9/11/2017 | Sell | (13) |
| 9/12/2017 | Buy | 2,497 |
| 9/12/2017 | Sell | (1,321) |
| 9/13/2017 | Buy | 1,178 |
| 9/14/2017 | Buy | 2,270 |
| 9/15/2017 | Buy | 551 |
| 9/15/2017 | Sell | (221) |
| 9/18/2017 | Buy | 184 |
| 9/18/2017 | Sell | (10) |
| 9/19/2017 | Buy | 234 |
| 9/20/2017 | Buy | 1,184 |
| 9/21/2017 | Buy | 168 |
| 9/22/2017 | Buy | 1,509 |
| 9/25/2017 | Buy | 158 |
| 9/25/2017 | Sell | (301) |
| 9/26/2017 | Buy | 218 |
| 9/26/2017 | Sell | (10) |
| 9/27/2017 | Buy | 1,189 |
| 9/28/2017 | Buy | 308 |
| 9/29/2017 | Buy | 555 |
| 9/29/2017 | Sell | (59) |
| 10/2/2017 | Buy | 310 |
| 10/2/2017 | Sell | (28) |
| 10/3/2017 | Buy | 898 |
| 10/3/2017 | Sell | (96) |
| 10/4/2017 | Buy | 1,682 |
| 10/5/2017 | Buy | 873 |
| 10/6/2017 | Buy | 737 |

| Trade Date | Transaction | Quantity |
|------------|-------------|----------|
| 10/9/2017 | Buy | 306 |
| 10/9/2017 | Sell | (49) |
| 10/10/2017 | Buy | 2,094 |
| 10/11/2017 | Buy | 454 |
| 10/12/2017 | Buy | 371 |
| 10/12/2017 | Sell | (35) |
| 10/13/2017 | Buy | 433 |
| 10/16/2017 | Buy | 393 |
| 10/17/2017 | Buy | 729 |
| 10/18/2017 | Buy | 430 |
| 10/18/2017 | Sell | (64) |
| 10/19/2017 | Buy | 429 |
| 10/20/2017 | Buy | 453 |
| 10/20/2017 | Sell | (21) |
| 10/23/2017 | Buy | 455 |
| 10/24/2017 | Buy | 888 |
| 10/24/2017 | Sell | (266) |
| 10/25/2017 | Buy | 466 |
| 10/25/2017 | Sell | (267) |
| 10/26/2017 | Buy | 837 |
| 10/27/2017 | Buy | 3,349 |
| 10/27/2017 | Sell | (2,150) |
| 10/30/2017 | Buy | 1,152 |
| 10/31/2017 | Buy | 481 |
| 10/31/2017 | Sell | (158) |
| 11/1/2017 | Buy | 523 |
| 11/1/2017 | Sell | (293) |
| 11/2/2017 | Buy | 575 |
| 11/3/2017 | Buy | 1,388 |
| 11/6/2017 | Buy | 589 |
| 11/6/2017 | Sell | (107) |
| 11/7/2017 | Buy | 823 |
| 11/7/2017 | Sell | (29) |
| 11/8/2017 | Buy | 558 |
| 11/8/2017 | Sell | (17) |
| 11/9/2017 | Buy | 1,657 |
| 11/9/2017 | Sell | (54) |
| 11/10/2017 | Buy | 570 |
| 11/13/2017 | Buy | 556 |
| 11/13/2017 | Sell | (28) |
| 11/14/2017 | Buy | 570 |
| 11/15/2017 | Buy | 645 |
| 11/16/2017 | Buy | 555 |
| 11/16/2017 | Sell | (25) |
| 11/17/2017 | Buy | 770 |
| 11/17/2017 | Sell | (19) |
| 11/20/2017 | Buy | 799 |
| 11/21/2017 | Buy | 597 |
| 11/22/2017 | Buy | 529 |
| 11/22/2017 | Sell | (17) |

| Trade Date | Transaction | Quantity |
|------------|-------------|----------|
| 11/24/2017 | Buy | 416 |
| 11/27/2017 | Buy | 517 |
| 11/27/2017 | Sell | (101) |
| 11/28/2017 | Buy | 502 |
| 11/29/2017 | Buy | 416 |
| 11/29/2017 | Sell | (186) |
| 11/30/2017 | Buy | 428 |
| 11/30/2017 | Sell | (269) |
| 12/1/2017 | Buy | 428 |
| 12/1/2017 | Sell | (124) |
| 12/4/2017 | Buy | 498 |
| 12/4/2017 | Sell | (67) |
| 12/5/2017 | Buy | 365 |
| 12/6/2017 | Buy | 427 |
| 12/7/2017 | Buy | 1,355 |
| 12/8/2017 | Buy | 573 |
| 12/8/2017 | Sell | (1) |
| 12/11/2017 | Buy | 582 |
| 12/11/2017 | Sell | (15) |
| 12/12/2017 | Buy | 656 |
| 12/12/2017 | Sell | (159) |
| 12/13/2017 | Buy | 603 |
| 12/14/2017 | Buy | 603 |
| 12/14/2017 | Sell | (50) |
| 12/15/2017 | Buy | 568 |
| 12/18/2017 | Buy | 800 |
| 12/18/2017 | Sell | (17) |
| 12/19/2017 | Buy | 1,847 |
| 12/19/2017 | Sell | (354) |
| 12/20/2017 | Buy | 745 |
| 12/21/2017 | Buy | 601 |
| 12/21/2017 | Sell | (6) |
| 12/22/2017 | Buy | 602 |
| 12/22/2017 | Sell | (1,013) |
| 12/26/2017 | Buy | 950 |
| 12/26/2017 | Sell | (255) |
| 12/27/2017 | Buy | 636 |
| 12/27/2017 | Sell | (709) |
| 12/28/2017 | Buy | 900 |
| 12/29/2017 | Buy | 818 |
| 1/2/2018 | Buy | 888 |
| 1/2/2018 | Sell | (67) |
| 1/3/2018 | Buy | 863 |
| 1/4/2018 | Buy | 698 |
| 1/4/2018 | Sell | (16) |
| 1/5/2018 | Buy | 762 |
| 1/8/2018 | Buy | 816 |
| 1/8/2018 | Sell | (36) |
| 1/9/2018 | Buy | 1,629 |
| 1/9/2018 | Sell | (46) |

| Trade Date | Transaction | Quantity |
|------------|-------------|----------|
| 1/10/2018 | Buy | 6,984 |
| 1/11/2018 | Buy | 938 |
| 1/11/2018 | Sell | (32) |
| 1/12/2018 | Buy | 845 |
| 1/12/2018 | Sell | (217) |
| 1/16/2018 | Buy | 1,637 |
| 1/17/2018 | Buy | 745 |
| 1/17/2018 | Sell | (73) |
| 1/18/2018 | Buy | 1,260 |
| 1/18/2018 | Sell | (236) |
| 1/19/2018 | Buy | 1,826 |
| 1/19/2018 | Sell | (1,578) |
| 1/22/2018 | Buy | 933 |
| 1/22/2018 | Sell | (1,082) |
| 1/23/2018 | Buy | 862 |
| 1/23/2018 | Sell | (861) |
| 1/24/2018 | Buy | 901 |
| 1/24/2018 | Sell | (840) |
| 1/25/2018 | Buy | 808 |
| 1/25/2018 | Sell | (943) |
| 1/26/2018 | Buy | 1,137 |
| 1/26/2018 | Sell | (881) |
| 1/29/2018 | Buy | 1,997 |
| 1/29/2018 | Sell | (1,244) |
| 1/30/2018 | Buy | 716 |
| 1/30/2018 | Sell | (838) |
| 1/31/2018 | Buy | 1,062 |
| 1/31/2018 | Sell | (658) |
| 2/1/2018 | Buy | 790 |
| 2/1/2018 | Sell | (1,309) |
| 2/2/2018 | Buy | 738 |
| 2/2/2018 | Sell | (660) |
| 2/5/2018 | Buy | 824 |
| 2/5/2018 | Sell | (658) |
| 2/6/2018 | Buy | 812 |
| 2/6/2018 | Sell | (722) |
| 2/7/2018 | Buy | 784 |
| 2/7/2018 | Sell | (896) |
| 2/8/2018 | Buy | 1,001 |
| 2/8/2018 | Sell | (672) |
| 2/9/2018 | Buy | 736 |
| 2/9/2018 | Sell | (646) |
| 2/12/2018 | Buy | 1,819 |
| 2/12/2018 | Sell | (1,627) |
| 2/13/2018 | Buy | 1,039 |
| 2/13/2018 | Sell | (1,065) |
| 2/14/2018 | Buy | 946 |
| 2/14/2018 | Sell | (1,182) |
| 2/15/2018 | Buy | 1,064 |
| 2/15/2018 | Sell | (895) |

| Trade Date | Transaction | Quantity |
|------------|-------------|----------|
| 2/16/2018 | Buy | 848 |
| 2/16/2018 | Sell | (869) |
| 2/20/2018 | Buy | 1,010 |
| 2/20/2018 | Sell | (840) |
| 2/21/2018 | Buy | 828 |
| 2/21/2018 | Sell | (794) |
| 2/22/2018 | Buy | 934 |
| 2/22/2018 | Sell | (436) |
| 2/23/2018 | Buy | 550 |
| 2/26/2018 | Buy | 506 |
| 2/26/2018 | Sell | (70) |
| 2/27/2018 | Buy | 479 |
| 2/27/2018 | Sell | (225) |
| 2/28/2018 | Buy | 491 |
| 3/1/2018 | Buy | 535 |
| 3/2/2018 | Buy | 637 |
| 3/5/2018 | Buy | 1,364 |
| 3/6/2018 | Buy | 586 |
| 3/6/2018 | Sell | (22) |
| 3/7/2018 | Buy | 746 |
| 3/8/2018 | Buy | 584 |
| 3/8/2018 | Sell | (118) |
| 3/9/2018 | Buy | 578 |
| 3/9/2018 | Sell | (28) |
| 3/12/2018 | Buy | 549 |
| 3/12/2018 | Sell | (42) |
| 3/13/2018 | Buy | 1,362 |
| 3/14/2018 | Buy | 1,524 |
| 3/14/2018 | Sell | (1,496) |
| 3/15/2018 | Buy | 1,631 |
| 3/15/2018 | Sell | (1,454) |
| 3/16/2018 | Buy | 1,471 |
| 3/16/2018 | Sell | (1,403) |
| 3/19/2018 | Buy | 1,649 |
| 3/19/2018 | Sell | (1,716) |
| 3/20/2018 | Buy | 5,864 |
| 3/20/2018 | Sell | (1,725) |
| 3/21/2018 | Buy | 2,863 |
| 3/21/2018 | Sell | (2,000) |
| 3/22/2018 | Buy | 2,163 |
| 3/22/2018 | Sell | (1,576) |
| 3/23/2018 | Buy | 1,578 |
| 3/23/2018 | Sell | (1,000) |
| 3/26/2018 | Buy | 1,057 |
| 3/26/2018 | Sell | (348) |
| 3/27/2018 | Buy | 897 |
| 3/27/2018 | Sell | (449) |
| 3/28/2018 | Buy | 2,825 |
| 3/28/2018 | Sell | (2,251) |
| 3/29/2018 | Buy | 2,021 |

| Trade Date | Transaction | Quantity |
|------------|-------------|----------|
| 3/29/2018 | Sell | (1,456) |
| 4/2/2018 | Buy | 1,156 |
| 4/2/2018 | Sell | (492) |
| 4/3/2018 | Buy | 1,058 |
| 4/3/2018 | Sell | (851) |
| 4/4/2018 | Buy | 996 |
| 4/4/2018 | Sell | (749) |
| 4/5/2018 | Buy | 1,363 |
| 4/5/2018 | Sell | (1,036) |
| 4/6/2018 | Buy | 1,825 |
| 4/6/2018 | Sell | (1,521) |
| 4/9/2018 | Buy | 1,722 |
| 4/9/2018 | Sell | (1,408) |
| 4/10/2018 | Buy | 2,770 |
| 4/10/2018 | Sell | (2,317) |
| 4/11/2018 | Buy | 1,002 |
| 4/11/2018 | Sell | (883) |
| 4/12/2018 | Buy | 1,356 |
| 4/12/2018 | Sell | (996) |
| 4/13/2018 | Buy | 1,850 |
| 4/13/2018 | Sell | (1,042) |
| 4/16/2018 | Buy | 3,146 |
| 4/16/2018 | Sell | (1,027) |
| 4/17/2018 | Buy | 1,395 |
| 4/17/2018 | Sell | (914) |
| 4/18/2018 | Buy | 1,326 |
| 4/18/2018 | Sell | (1,383) |
| 4/19/2018 | Buy | 1,267 |
| 4/19/2018 | Sell | (1,000) |
| 4/20/2018 | Buy | 562 |
| 4/20/2018 | Sell | (336) |
| 4/23/2018 | Buy | 1,147 |
| 4/23/2018 | Sell | (1,000) |
| 4/24/2018 | Buy | 1,413 |
| 4/24/2018 | Sell | (1,000) |
| 4/25/2018 | Buy | 436 |
| 4/25/2018 | Sell | (332) |
| 4/26/2018 | Buy | 513 |
| 4/26/2018 | Sell | (336) |
| 4/27/2018 | Buy | 470 |
| 4/27/2018 | Sell | (204) |
| 4/30/2018 | Buy | 767 |
| 4/30/2018 | Sell | (266) |
| 5/1/2018 | Buy | 1,582 |
| 5/1/2018 | Sell | (79) |
| 5/2/2018 | Buy | 1,362 |
| 5/2/2018 | Sell | (160) |
| 5/3/2018 | Buy | 1,511 |
| 5/3/2018 | Sell | (47) |
| 5/4/2018 | Buy | 2,699 |

| Trade Date | Transaction | Quantity |
|------------|-------------|----------|
| 5/4/2018 | Sell | (36) |
| 5/7/2018 | Buy | 1,417 |
| 5/7/2018 | Sell | (36) |
| 5/8/2018 | Buy | 1,424 |
| 5/8/2018 | Sell | (36) |
| 5/9/2018 | Buy | 475 |
| 5/9/2018 | Sell | (152) |
| 5/10/2018 | Buy | 227 |
| 5/10/2018 | Sell | (232) |
| 5/11/2018 | Buy | 257 |
| 5/11/2018 | Sell | (36) |
| 5/14/2018 | Buy | 1,459 |
| 5/14/2018 | Sell | (36) |
| 5/15/2018 | Buy | 592 |
| 5/15/2018 | Sell | (210) |
| 5/16/2018 | Buy | 1,337 |
| 5/16/2018 | Sell | (319) |
| 5/17/2018 | Buy | 1,606 |
| 5/17/2018 | Sell | (30) |
| 5/18/2018 | Buy | 2,172 |
| 5/18/2018 | Sell | (134) |
| 5/21/2018 | Buy | 331 |
| 5/21/2018 | Sell | (30) |
| 5/22/2018 | Buy | 331 |
| 5/22/2018 | Sell | (80) |
| 5/23/2018 | Buy | 408 |
| 5/23/2018 | Sell | (30) |
| 5/24/2018 | Buy | 3,235 |
| 5/24/2018 | Sell | (2,930) |
| 5/25/2018 | Buy | 2,404 |
| 5/25/2018 | Sell | (36) |
| 5/29/2018 | Buy | 165 |
| 5/29/2018 | Sell | (36) |
| 5/30/2018 | Buy | 194 |
| 5/30/2018 | Sell | (18) |
| 5/31/2018 | Buy | 860 |
| 5/31/2018 | Sell | (768) |
| 6/1/2018 | Buy | 300 |
| 6/1/2018 | Sell | (174) |
| 6/4/2018 | Buy | 197 |
| 6/4/2018 | Sell | (18) |
| 6/5/2018 | Buy | 156 |
| 6/5/2018 | Sell | (18) |
| 6/6/2018 | Buy | 319 |
| 6/6/2018 | Sell | (18) |
| 6/7/2018 | Buy | 621 |
| 6/7/2018 | Sell | (143) |
| 6/8/2018 | Buy | 381 |
| 6/8/2018 | Sell | (243) |
| 6/11/2018 | Buy | 172 |

| Trade Date | Transaction | Quantity |
|------------|-------------|----------|
| 6/11/2018 | Sell | (18) |
| 6/12/2018 | Buy | 232 |
| 6/12/2018 | Sell | (18) |
| 6/13/2018 | Buy | 285 |
| 6/13/2018 | Sell | (140) |
| 6/14/2018 | Buy | 220 |
| 6/14/2018 | Sell | (112) |
| 6/15/2018 | Buy | 290 |
| 6/15/2018 | Sell | (18) |
| 6/18/2018 | Buy | 371 |
| 6/18/2018 | Sell | (43) |
| 6/19/2018 | Buy | 231 |
| 6/19/2018 | Sell | (18) |
| 6/20/2018 | Buy | 241 |
| 6/20/2018 | Sell | (18) |
| 6/21/2018 | Buy | 230 |
| 6/22/2018 | Buy | 442 |
| 6/22/2018 | Sell | (44) |
| 6/25/2018 | Buy | 373 |
| 6/25/2018 | Sell | (18) |
| 6/26/2018 | Buy | 459 |
| 6/26/2018 | Sell | (18) |
| 6/27/2018 | Buy | 318 |
| 6/27/2018 | Sell | (18) |
| 6/28/2018 | Buy | 269 |
| 6/28/2018 | Sell | (22) |
| 6/29/2018 | Buy | 501 |
| 6/29/2018 | Sell | (563) |
| 7/2/2018 | Buy | 223 |
| 7/2/2018 | Sell | (4) |
| 7/3/2018 | Buy | 213 |
| 7/5/2018 | Buy | 246 |
| 7/5/2018 | Sell | (4) |
| 7/6/2018 | Buy | 355 |
| 7/6/2018 | Sell | (4) |
| 7/9/2018 | Buy | 335 |
| 7/9/2018 | Sell | (91) |
| 7/10/2018 | Buy | 236 |
| 7/10/2018 | Sell | (32) |
| 7/11/2018 | Buy | 1,427 |
| 7/11/2018 | Sell | (1,129) |
| 7/12/2018 | Buy | 237 |
| 7/12/2018 | Sell | (4) |
| 7/13/2018 | Buy | 256 |
| 7/13/2018 | Sell | (4) |
| 7/16/2018 | Buy | 101 |
| 7/16/2018 | Sell | (61) |
| 7/17/2018 | Buy | 77 |
| 7/17/2018 | Sell | (4) |
| 7/18/2018 | Buy | 76 |

| Trade Date | Transaction | Quantity |
|------------|-------------|----------|
| 7/18/2018 | Sell | (4) |
| 7/19/2018 | Buy | 187 |
| 7/19/2018 | Sell | (4) |
| 7/20/2018 | Buy | 185 |
| 7/20/2018 | Sell | (4) |
| 7/23/2018 | Buy | 385 |
| 7/23/2018 | Sell | (148) |
| 7/24/2018 | Buy | 241 |
| 7/24/2018 | Sell | (4) |
| 7/25/2018 | Buy | 208 |
| 7/25/2018 | Sell | (4) |
| 7/26/2018 | Buy | 186 |
| 7/26/2018 | Sell | (4) |
| 7/27/2018 | Buy | 243 |
| 7/27/2018 | Sell | (61) |
| 7/30/2018 | Buy | 367 |
| 7/30/2018 | Sell | (21) |
| 7/31/2018 | Buy | 222 |
| 7/31/2018 | Sell | (107) |
| 8/1/2018 | Buy | 516 |
| 8/1/2018 | Sell | (125) |
| 8/2/2018 | Buy | 218 |
| 8/2/2018 | Sell | (4) |
| 8/3/2018 | Buy | 187 |
| 8/3/2018 | Sell | (10) |
| 8/6/2018 | Buy | 171 |
| 8/6/2018 | Sell | (4) |
| 8/7/2018 | Buy | 103 |
| 8/7/2018 | Sell | (4) |
| 8/8/2018 | Buy | 87 |
| 8/8/2018 | Sell | (34) |
| 8/9/2018 | Buy | 85 |
| 8/9/2018 | Sell | (4) |
| 8/10/2018 | Buy | 155 |
| 8/10/2018 | Sell | (4) |
| 8/13/2018 | Buy | 127 |
| 8/13/2018 | Sell | (40) |
| 8/14/2018 | Buy | 85 |
| 8/14/2018 | Sell | (4) |
| 8/15/2018 | Buy | 192 |
| 8/15/2018 | Sell | (4) |
| 8/16/2018 | Buy | 86 |
| 8/16/2018 | Sell | (4) |
| 8/17/2018 | Buy | 86 |
| 8/17/2018 | Sell | (4) |
| 8/20/2018 | Buy | 85 |
| 8/20/2018 | Sell | (4) |
| 8/21/2018 | Buy | 538 |
| 8/21/2018 | Sell | (160) |
| 8/22/2018 | Buy | 86 |

| Trade Date | Transaction | Quantity |
|------------|-------------|----------|
| 8/22/2018 | Sell | (4) |
| 8/23/2018 | Buy | 519 |
| 8/23/2018 | Sell | (438) |
| 8/24/2018 | Buy | 85 |
| 8/24/2018 | Sell | (4) |
| 8/27/2018 | Buy | 85 |
| 8/27/2018 | Sell | (4) |
| 8/28/2018 | Buy | 85 |
| 8/28/2018 | Sell | (36) |
| 8/29/2018 | Buy | 64 |
| 8/29/2018 | Sell | (57) |
| 8/30/2018 | Buy | 78 |
| 8/30/2018 | Sell | (4) |
| 8/31/2018 | Buy | 127 |
| 8/31/2018 | Sell | (4) |
| 9/4/2018 | Buy | 1,612 |
| 9/4/2018 | Sell | (1,528) |
| 9/5/2018 | Buy | 80 |
| 9/5/2018 | Sell | (4) |
| 9/6/2018 | Buy | 503 |
| 9/6/2018 | Sell | (387) |
| 9/7/2018 | Buy | 215 |
| 9/7/2018 | Sell | (273) |
| 9/10/2018 | Buy | 103 |
| 9/10/2018 | Sell | (29) |
| 9/11/2018 | Buy | 106 |
| 9/11/2018 | Sell | (4) |
| 9/12/2018 | Buy | 87 |
| 9/12/2018 | Sell | (4) |
| 9/13/2018 | Buy | 380 |
| 9/13/2018 | Sell | (4) |
| 9/14/2018 | Buy | 108 |
| 9/14/2018 | Sell | (4) |
| 9/17/2018 | Buy | 62 |
| 9/17/2018 | Sell | (4) |
| 9/18/2018 | Buy | 455 |
| 9/18/2018 | Sell | (367) |
| 9/19/2018 | Buy | 62 |
| 9/19/2018 | Sell | (4) |
| 9/20/2018 | Buy | 62 |
| 9/20/2018 | Sell | (4) |
| 9/21/2018 | Buy | 65 |
| 9/21/2018 | Sell | (31) |
| 9/24/2018 | Buy | 91 |
| 9/24/2018 | Sell | (4) |
| 9/25/2018 | Buy | 97 |
| 9/25/2018 | Sell | (4) |
| 9/26/2018 | Buy | 135 |
| 9/26/2018 | Sell | (19) |
| 9/27/2018 | Buy | 160 |

| Trade Date | Transaction | Quantity |
|------------|-------------|----------|
| 9/27/2018 | Sell | (4) |
| 9/28/2018 | Buy | 132 |
| 9/28/2018 | Sell | (85) |
| 10/1/2018 | Buy | 62 |
| 10/1/2018 | Sell | (4) |
| 10/2/2018 | Buy | 92 |
| 10/2/2018 | Sell | (31) |
| 10/3/2018 | Buy | 62 |
| 10/3/2018 | Sell | (4) |
| 10/4/2018 | Buy | 68 |
| 10/4/2018 | Sell | (4) |
| 10/5/2018 | Buy | 62 |
| 10/5/2018 | Sell | (4) |
| 10/8/2018 | Buy | 106 |
| 10/8/2018 | Sell | (4) |
| 10/9/2018 | Buy | 142 |
| 10/9/2018 | Sell | (4) |
| 10/10/2018 | Buy | 97 |
| 10/10/2018 | Sell | (4) |
| 10/11/2018 | Buy | 99 |
| 10/11/2018 | Sell | (4) |
| 10/12/2018 | Buy | 118 |
| 10/12/2018 | Sell | (82) |
| 10/15/2018 | Buy | 97 |
| 10/15/2018 | Sell | (4) |
| 10/16/2018 | Buy | 1,293 |
| 10/16/2018 | Sell | (38) |
| 10/17/2018 | Buy | 101 |
| 10/17/2018 | Sell | (4) |
| 10/18/2018 | Buy | 139 |
| 10/18/2018 | Sell | (4) |
| 10/19/2018 | Buy | 131 |
| 10/19/2018 | Sell | (40) |
| 10/22/2018 | Buy | 122 |
| 10/22/2018 | Sell | (190) |
| 10/23/2018 | Buy | 244 |
| 10/23/2018 | Sell | (388) |
| 10/24/2018 | Buy | 99 |
| 10/24/2018 | Sell | (128) |
| 10/25/2018 | Buy | 130 |
| 10/25/2018 | Sell | (38) |
| 10/26/2018 | Buy | 90 |
| 10/26/2018 | Sell | (31) |
| 10/29/2018 | Buy | 216 |
| 10/29/2018 | Sell | (763) |
| 10/30/2018 | Buy | 207 |
| 10/30/2018 | Sell | (165) |
| 10/31/2018 | Buy | 165 |
| 10/31/2018 | Sell | (143) |
| 11/1/2018 | Buy | 155 |

| Trade Date | Transaction | Quantity |
|------------|-------------|----------|
| 11/1/2018 | Sell | (881) |
| 11/2/2018 | Buy | 57 |
| 11/2/2018 | Sell | (64) |
| 11/5/2018 | Buy | 92 |
| 11/5/2018 | Sell | (84) |
| 11/6/2018 | Buy | 130 |
| 11/6/2018 | Sell | (95) |
| 11/7/2018 | Buy | 56 |
| 11/7/2018 | Sell | (34) |
| 11/8/2018 | Buy | 134 |
| 11/8/2018 | Sell | (90) |
| 11/9/2018 | Buy | 698 |
| 11/9/2018 | Sell | (613) |
| 11/12/2018 | Buy | 70 |
| 11/12/2018 | Sell | (197) |
| 11/13/2018 | Buy | 56 |
| 11/13/2018 | Sell | (134) |
| 11/14/2018 | Buy | 187 |
| 11/14/2018 | Sell | (190) |
| 11/15/2018 | Buy | 566 |
| 11/15/2018 | Sell | (188) |
| 11/16/2018 | Buy | 100 |
| 11/16/2018 | Sell | (34) |
| 11/19/2018 | Buy | 688 |
| 11/19/2018 | Sell | (34) |
| 11/20/2018 | Buy | 58 |
| 11/20/2018 | Sell | (34) |
| 11/21/2018 | Buy | 96 |
| 11/21/2018 | Sell | (93) |
| 11/23/2018 | Buy | 106 |
| 11/23/2018 | Sell | (300) |
| 11/26/2018 | Buy | 290 |
| 11/26/2018 | Sell | (217) |
| 11/27/2018 | Buy | 61 |
| 11/27/2018 | Sell | (155) |
| 11/28/2018 | Buy | 115 |
| 11/28/2018 | Sell | (93) |
| 11/29/2018 | Buy | 70 |
| 11/29/2018 | Sell | (30) |
| 11/30/2018 | Buy | 56 |
| 11/30/2018 | Sell | (120) |
| 12/3/2018 | Buy | 91 |
| 12/3/2018 | Sell | (59) |
| 12/4/2018 | Buy | 1,110 |
| 12/4/2018 | Sell | (199) |
| 12/6/2018 | Buy | 57 |
| 12/6/2018 | Sell | (84) |
| 12/7/2018 | Buy | 163 |
| 12/7/2018 | Sell | (903) |
| 12/10/2018 | Buy | 76 |

| Trade Date | Transaction | Quantity |
|------------|-------------|----------|
| 12/10/2018 | Sell | (4) |
| 12/11/2018 | Buy | 78 |
| 12/11/2018 | Sell | (234) |
| 12/12/2018 | Buy | 125 |
| 12/12/2018 | Sell | (160) |
| 12/13/2018 | Buy | 161 |
| 12/13/2018 | Sell | (104) |
| 12/14/2018 | Buy | 138 |
| 12/14/2018 | Sell | (304) |
| 12/17/2018 | Buy | 156 |
| 12/17/2018 | Sell | (135) |
| 12/18/2018 | Buy | 151 |
| 12/18/2018 | Sell | (440) |
| 12/19/2018 | Buy | 447 |
| 12/19/2018 | Sell | (204) |
| 12/20/2018 | Buy | 155 |
| 12/20/2018 | Sell | (1,029) |
| 12/21/2018 | Buy | 404 |
| 12/21/2018 | Sell | (2,957) |
| 12/24/2018 | Buy | 127 |
| 12/24/2018 | Sell | (117) |
| 12/26/2018 | Buy | 648 |
| 12/26/2018 | Sell | (714) |
| 12/27/2018 | Buy | 1,059 |
| 12/27/2018 | Sell | (4) |
| 12/28/2018 | Buy | 269 |
| 12/28/2018 | Sell | (108) |
| 12/31/2018 | Buy | 172 |
| 12/31/2018 | Sell | (4) |
| 1/2/2019 | Buy | 107 |
| 1/2/2019 | Sell | (7) |
| 1/3/2019 | Buy | 158 |
| 1/3/2019 | Sell | (178) |
| 1/4/2019 | Buy | 442 |
| 1/4/2019 | Sell | (4) |
| 1/7/2019 | Buy | 303 |
| 1/7/2019 | Sell | (158) |
| 1/8/2019 | Buy | 89 |
| 1/8/2019 | Sell | (4) |
| 1/9/2019 | Buy | 445 |
| 1/9/2019 | Sell | (4) |
| 1/10/2019 | Buy | 117 |
| 1/10/2019 | Sell | (82) |
| 1/11/2019 | Buy | 108 |
| 1/11/2019 | Sell | (54) |
| 1/14/2019 | Buy | 123 |
| 1/14/2019 | Sell | (216) |
| 1/15/2019 | Buy | 119 |
| 1/15/2019 | Sell | (4) |
| 1/16/2019 | Buy | 108 |

| Trade Date | Transaction | Quantity |
|------------|-------------|----------|
| 1/16/2019 | Sell | (4) |
| 1/17/2019 | Buy | 375 |
| 1/17/2019 | Sell | (109) |
| 1/18/2019 | Buy | 427 |
| 1/18/2019 | Sell | (4) |
| 1/22/2019 | Buy | 148 |
| 1/22/2019 | Sell | (4) |
| 1/23/2019 | Buy | 103 |
| 1/23/2019 | Sell | (4) |
| 1/24/2019 | Buy | 103 |
| 1/24/2019 | Sell | (124) |
| 1/25/2019 | Buy | 125 |
| 1/25/2019 | Sell | (208) |
| 1/28/2019 | Buy | 125 |
| 1/28/2019 | Sell | (29) |
| 1/29/2019 | Buy | 121 |
| 1/29/2019 | Sell | (4) |
| 1/30/2019 | Buy | 105 |
| 1/30/2019 | Sell | (30) |
| 1/31/2019 | Buy | 103 |
| 1/31/2019 | Sell | (45) |
| 2/1/2019 | Buy | 105 |
| 2/1/2019 | Sell | (184) |
| 2/4/2019 | Buy | 109 |
| 2/4/2019 | Sell | (380) |
| 2/5/2019 | Buy | 112 |
| 2/5/2019 | Sell | (185) |
| 2/6/2019 | Buy | 120 |
| 2/6/2019 | Sell | (13) |
| 2/7/2019 | Buy | 128 |
| 2/7/2019 | Sell | (276) |
| 2/8/2019 | Buy | 112 |
| 2/8/2019 | Sell | (4) |
| 2/11/2019 | Buy | 346 |
| 2/11/2019 | Sell | (28) |
| 2/12/2019 | Buy | 228 |
| 2/12/2019 | Sell | (77) |
| 2/13/2019 | Buy | 214 |
| 2/13/2019 | Sell | (124) |
| 2/14/2019 | Buy | 210 |
| 2/14/2019 | Sell | (54) |
| 2/15/2019 | Buy | 301 |
| 2/15/2019 | Sell | (151) |
| 2/19/2019 | Buy | 414 |
| 2/19/2019 | Sell | (258) |
| 2/20/2019 | Buy | 365 |
| 2/20/2019 | Sell | (82) |
| 2/21/2019 | Buy | 261 |
| 2/21/2019 | Sell | (82) |
| 2/22/2019 | Buy | 298 |

| Trade Date | Transaction | Quantity |
|------------|-------------|----------|
| 2/22/2019 | Sell | (155) |
| 2/25/2019 | Buy | 268 |
| 2/25/2019 | Sell | (93) |
| 2/26/2019 | Buy | 141 |
| 2/26/2019 | Sell | (165) |
| 2/27/2019 | Buy | 177 |
| 2/27/2019 | Sell | (64) |
| 2/28/2019 | Buy | 353 |
| 2/28/2019 | Sell | (129) |
| 3/1/2019 | Buy | 138 |
| 3/1/2019 | Sell | (22) |
| 3/4/2019 | Buy | 104 |
| 3/4/2019 | Sell | (13) |
| 3/5/2019 | Buy | 132 |
| 3/5/2019 | Sell | (4) |
| 3/6/2019 | Buy | 112 |
| 3/6/2019 | Sell | (4) |
| 3/7/2019 | Buy | 219 |
| 3/7/2019 | Sell | (218) |
| 3/8/2019 | Buy | 161 |
| 3/8/2019 | Sell | (13) |
| 3/11/2019 | Buy | 81 |
| 3/11/2019 | Sell | (122) |
| 3/12/2019 | Buy | 147 |
| 3/12/2019 | Sell | (302) |
| 3/13/2019 | Buy | 215 |
| 3/13/2019 | Sell | (215) |
| 3/14/2019 | Buy | 274 |
| 3/14/2019 | Sell | (221) |
| 3/15/2019 | Buy | 651 |
| 3/15/2019 | Sell | (395) |
| 3/18/2019 | Buy | 221 |
| 3/18/2019 | Sell | (208) |

Kinetics Advisers, LLC

| Trade Date | Transaction | Quantity |
|------------|-------------|----------|
| 3/1/2017 | Sell | (4) |
| 3/2/2017 | Sell | (4) |
| 3/3/2017 | Sell | (4) |
| 3/6/2017 | Sell | (4) |
| 3/17/2017 | Buy | 6 |
| 3/17/2017 | Sell | (6) |
| 6/14/2017 | Buy | 24 |
| 8/7/2017 | Buy | 4 |
| 8/9/2017 | Buy | 8 |
| 8/15/2017 | Buy | 4 |
| 8/17/2017 | Buy | 8 |
| 9/1/2017 | Buy | 8 |
| 12/13/2017 | Sell | (4) |
| 12/14/2017 | Sell | (4) |

| Trade Date | Transaction | Quantity |
|------------|-------------|----------|
| 12/15/2017 | Sell | (4) |
| 12/18/2017 | Sell | (4) |
| 12/21/2017 | Sell | (16) |
| 12/22/2017 | Sell | (18) |
| 12/26/2017 | Sell | (4) |
| 12/27/2017 | Sell | (4) |
| 12/28/2017 | Sell | (4) |
| 12/29/2017 | Sell | (12) |
| 1/2/2018 | Sell | (40) |
| 1/3/2018 | Sell | (8) |
| 1/4/2018 | Sell | (4) |
| 2/7/2018 | Sell | (12) |
| 2/8/2018 | Sell | (12) |
| 2/9/2018 | Sell | (48) |
| 2/23/2018 | Buy | 10 |
| 2/23/2018 | Sell | (14) |
| 2/26/2018 | Buy | 10 |
| 2/26/2018 | Sell | (118) |
| 2/27/2018 | Buy | 10 |
| 2/27/2018 | Sell | (118) |
| 2/28/2018 | Buy | 10 |
| 2/28/2018 | Sell | (118) |
| 3/1/2018 | Buy | 10 |
| 3/1/2018 | Sell | (118) |
| 3/2/2018 | Buy | 10 |
| 3/2/2018 | Sell | (18) |
| 3/5/2018 | Buy | 10 |
| 3/5/2018 | Sell | (10) |
| 3/6/2018 | Buy | 10 |
| 3/6/2018 | Sell | (10) |
| 3/7/2018 | Buy | 10 |
| 3/7/2018 | Sell | (12) |
| 3/8/2018 | Buy | 10 |
| 3/8/2018 | Sell | (12) |
| 3/9/2018 | Buy | 10 |
| 3/9/2018 | Sell | (12) |
| 3/12/2018 | Buy | 10 |
| 3/12/2018 | Sell | (12) |
| 3/13/2018 | Buy | 10 |
| 3/13/2018 | Sell | (12) |
| 3/14/2018 | Buy | 10 |
| 3/14/2018 | Sell | (6) |
| 3/15/2018 | Buy | 10 |
| 3/15/2018 | Sell | (6) |
| 3/16/2018 | Buy | 10 |
| 3/16/2018 | Sell | (6) |
| 3/19/2018 | Buy | 10 |
| 3/20/2018 | Buy | 10 |
| 3/20/2018 | Sell | (6) |
| 3/21/2018 | Buy | 10 |

| Trade Date | Transaction | Quantity |
|------------|-------------|----------|
| 3/21/2018 | Sell | (6) |
| 3/22/2018 | Buy | 10 |
| 3/22/2018 | Sell | (6) |
| 3/23/2018 | Buy | 10 |
| 3/23/2018 | Sell | (6) |
| 3/26/2018 | Buy | 10 |
| 3/26/2018 | Sell | (6) |
| 3/27/2018 | Buy | 10 |
| 3/27/2018 | Sell | (6) |
| 3/28/2018 | Buy | 10 |
| 3/28/2018 | Sell | (6) |
| 3/29/2018 | Sell | (12) |
| 4/2/2018 | Sell | (12) |
| 4/3/2018 | Sell | (12) |
| 4/4/2018 | Sell | (12) |
| 4/5/2018 | Sell | (12) |
| 4/6/2018 | Sell | (12) |
| 4/9/2018 | Sell | (6) |
| 4/10/2018 | Sell | (12) |
| 4/11/2018 | Sell | (12) |
| 4/12/2018 | Sell | (12) |
| 4/13/2018 | Sell | (12) |
| 4/16/2018 | Sell | (12) |
| 4/17/2018 | Sell | (12) |
| 4/18/2018 | Sell | (12) |
| 4/19/2018 | Sell | (12) |
| 5/4/2018 | Sell | (6) |
| 5/29/2018 | Buy | 10 |
| 3/1/2017 | Sell | (4) |
| 3/2/2017 | Sell | (4) |
| 3/3/2017 | Sell | (4) |
| 3/6/2017 | Sell | (4) |
| 3/17/2017 | Buy | 6 |
| 3/17/2017 | Sell | (6) |
| 6/14/2017 | Buy | 24 |
| 8/7/2017 | Buy | 4 |
| 8/9/2017 | Buy | 8 |
| 8/15/2017 | Buy | 4 |
| 8/17/2017 | Buy | 8 |
| 9/1/2017 | Buy | 8 |
| 12/13/2017 | Sell | (4) |
| 12/14/2017 | Sell | (4) |
| 12/15/2017 | Sell | (4) |
| 12/18/2017 | Sell | (4) |
| 12/21/2017 | Sell | (16) |
| 12/22/2017 | Sell | (18) |
| 12/26/2017 | Sell | (4) |
| 12/27/2017 | Sell | (4) |
| 12/28/2017 | Sell | (4) |
| 12/29/2017 | Sell | (12) |

| Trade Date | Transaction | Quantity |
|------------|-------------|----------|
| 1/2/2018 | Sell | (40) |
| 1/3/2018 | Sell | (8) |
| 1/4/2018 | Sell | (4) |
| 2/7/2018 | Sell | (12) |
| 2/8/2018 | Sell | (12) |
| 2/9/2018 | Sell | (48) |
| 2/23/2018 | Buy | 10 |
| 2/23/2018 | Sell | (14) |
| 2/26/2018 | Buy | 10 |
| 2/26/2018 | Sell | (118) |
| 2/27/2018 | Buy | 10 |
| 2/27/2018 | Sell | (118) |
| 2/28/2018 | Buy | 10 |
| 2/28/2018 | Sell | (118) |
| 3/1/2018 | Buy | 10 |
| 3/1/2018 | Sell | (118) |
| 3/2/2018 | Buy | 10 |
| 3/2/2018 | Sell | (18) |
| 3/5/2018 | Buy | 10 |
| 3/5/2018 | Sell | (10) |
| 3/6/2018 | Buy | 10 |
| 3/6/2018 | Sell | (10) |
| 3/7/2018 | Buy | 10 |
| 3/7/2018 | Sell | (12) |
| 3/8/2018 | Buy | 10 |
| 3/8/2018 | Sell | (12) |
| 3/9/2018 | Buy | 10 |
| 3/9/2018 | Sell | (12) |
| 3/12/2018 | Buy | 10 |
| 3/12/2018 | Sell | (12) |
| 3/13/2018 | Buy | 10 |
| 3/13/2018 | Sell | (12) |
| 3/14/2018 | Buy | 10 |
| 3/14/2018 | Sell | (6) |
| 3/15/2018 | Buy | 10 |
| 3/15/2018 | Sell | (6) |
| 3/16/2018 | Buy | 10 |
| 3/16/2018 | Sell | (6) |
| 3/19/2018 | Buy | 10 |
| 3/20/2018 | Buy | 10 |
| 3/20/2018 | Sell | (6) |
| 3/21/2018 | Buy | 10 |
| 3/21/2018 | Sell | (6) |
| 3/22/2018 | Buy | 10 |
| 3/22/2018 | Sell | (6) |
| 3/23/2018 | Buy | 10 |
| 3/23/2018 | Sell | (6) |
| 3/26/2018 | Buy | 10 |
| 3/26/2018 | Sell | (6) |
| 3/27/2018 | Buy | 10 |

| Trade Date | Transaction | Quantity |
|------------|-------------|----------|
| 3/27/2018 | Sell | (6) |
| 3/28/2018 | Buy | 10 |
| 3/28/2018 | Sell | (6) |
| 3/29/2018 | Sell | (12) |
| 4/2/2018 | Sell | (12) |
| 4/3/2018 | Sell | (12) |
| 4/4/2018 | Sell | (12) |
| 4/5/2018 | Sell | (12) |
| 4/6/2018 | Sell | (12) |
| 4/9/2018 | Sell | (6) |
| 4/10/2018 | Sell | (12) |
| 4/11/2018 | Sell | (12) |
| 4/12/2018 | Sell | (12) |
| 4/13/2018 | Sell | (12) |
| 4/16/2018 | Sell | (12) |
| 4/17/2018 | Sell | (12) |
| 4/18/2018 | Sell | (12) |
| 4/19/2018 | Sell | (12) |
| 5/4/2018 | Sell | (6) |
| 5/29/2018 | Buy | 10 |

Kinetics Asset Management LLC

| Trade Date | Transaction | Quantity |
|------------|-------------|----------|
| 3/1/2017 | Buy | 663 |
| 3/1/2017 | Sell | (2,872) |
| 3/2/2017 | Buy | 767 |
| 3/2/2017 | Sell | (825) |
| 3/3/2017 | Buy | 660 |
| 3/3/2017 | Sell | (1,672) |
| 3/6/2017 | Buy | 660 |
| 3/6/2017 | Sell | (1,896) |
| 3/7/2017 | Buy | 660 |
| 3/7/2017 | Sell | (776) |
| 3/8/2017 | Buy | 660 |
| 3/8/2017 | Sell | (776) |
| 3/9/2017 | Buy | 660 |
| 3/9/2017 | Sell | (854) |
| 3/10/2017 | Buy | 660 |
| 3/10/2017 | Sell | (870) |
| 3/13/2017 | Buy | 660 |
| 3/13/2017 | Sell | (3,226) |
| 3/14/2017 | Buy | 660 |
| 3/14/2017 | Sell | (1,470) |
| 3/15/2017 | Buy | 663 |
| 3/15/2017 | Sell | (4,164) |
| 3/16/2017 | Buy | 660 |
| 3/16/2017 | Sell | (1,612) |
| 3/17/2017 | Buy | 660 |
| 3/17/2017 | Sell | (866) |
| 3/20/2017 | Buy | 660 |

| Trade Date | Transaction | Quantity |
|------------|-------------|----------|
| 3/20/2017 | Sell | (866) |
| 3/21/2017 | Buy | 660 |
| 3/21/2017 | Sell | (882) |
| 3/22/2017 | Buy | 690 |
| 3/22/2017 | Sell | (548) |
| 3/23/2017 | Buy | 660 |
| 3/23/2017 | Sell | (890) |
| 3/24/2017 | Buy | 860 |
| 3/24/2017 | Sell | (890) |
| 3/27/2017 | Buy | 660 |
| 3/27/2017 | Sell | (888) |
| 3/28/2017 | Buy | 660 |
| 3/28/2017 | Sell | (892) |
| 3/29/2017 | Buy | 660 |
| 3/29/2017 | Sell | (2,388) |
| 3/30/2017 | Buy | 660 |
| 3/30/2017 | Sell | (3,690) |
| 3/31/2017 | Buy | 660 |
| 3/31/2017 | Sell | (4,790) |
| 4/3/2017 | Buy | 660 |
| 4/3/2017 | Sell | (2,479) |
| 4/4/2017 | Buy | 660 |
| 4/4/2017 | Sell | (975) |
| 4/5/2017 | Buy | 660 |
| 4/5/2017 | Sell | (3,998) |
| 4/6/2017 | Buy | 660 |
| 4/6/2017 | Sell | (2,239) |
| 4/7/2017 | Buy | 660 |
| 4/7/2017 | Sell | (1,686) |
| 4/10/2017 | Buy | 660 |
| 4/10/2017 | Sell | (5,206) |
| 4/11/2017 | Buy | 660 |
| 4/11/2017 | Sell | (1,336) |
| 4/12/2017 | Buy | 660 |
| 4/12/2017 | Sell | (836) |
| 4/13/2017 | Buy | 660 |
| 4/13/2017 | Sell | (2,936) |
| 4/17/2017 | Buy | 660 |
| 4/17/2017 | Sell | (1,798) |
| 4/18/2017 | Buy | 660 |
| 4/18/2017 | Sell | (6,886) |
| 4/19/2017 | Buy | 660 |
| 4/19/2017 | Sell | (3,966) |
| 4/20/2017 | Buy | 660 |
| 4/20/2017 | Sell | (4,636) |
| 4/21/2017 | Buy | 660 |
| 4/21/2017 | Sell | (2,536) |
| 4/24/2017 | Buy | 660 |
| 4/24/2017 | Sell | (877) |
| 4/25/2017 | Buy | 385 |

| Trade Date | Transaction | Quantity |
|------------|-------------|----------|
| 4/25/2017 | Sell | (555) |
| 4/26/2017 | Buy | 385 |
| 4/26/2017 | Sell | (455) |
| 4/27/2017 | Buy | 385 |
| 4/27/2017 | Sell | (569) |
| 4/28/2017 | Buy | 385 |
| 4/28/2017 | Sell | (643) |
| 5/1/2017 | Buy | 385 |
| 5/1/2017 | Sell | (584) |
| 5/2/2017 | Buy | 385 |
| 5/2/2017 | Sell | (435) |
| 5/3/2017 | Buy | 385 |
| 5/3/2017 | Sell | (715) |
| 5/4/2017 | Buy | 385 |
| 5/4/2017 | Sell | (239) |
| 5/5/2017 | Buy | 385 |
| 5/5/2017 | Sell | (291) |
| 5/8/2017 | Buy | 385 |
| 5/8/2017 | Sell | (124) |
| 5/9/2017 | Buy | 385 |
| 5/9/2017 | Sell | (261) |
| 5/10/2017 | Buy | 385 |
| 5/10/2017 | Sell | (261) |
| 5/11/2017 | Buy | 337 |
| 5/12/2017 | Buy | 275 |
| 5/12/2017 | Sell | (108) |
| 5/15/2017 | Sell | (254) |
| 5/16/2017 | Sell | (279) |
| 5/17/2017 | Sell | (108) |
| 5/18/2017 | Sell | (108) |
| 5/19/2017 | Buy | 41 |
| 5/19/2017 | Sell | (36) |
| 5/22/2017 | Sell | (36) |
| 5/23/2017 | Sell | (72) |
| 5/24/2017 | Sell | (162) |
| 5/25/2017 | Sell | (1,058) |
| 5/26/2017 | Sell | (886) |
| 5/30/2017 | Sell | (1,044) |
| 5/31/2017 | Sell | (1,022) |
| 6/1/2017 | Sell | (1,038) |
| 6/2/2017 | Sell | (1,046) |
| 6/5/2017 | Sell | (1,046) |
| 6/6/2017 | Sell | (1,046) |
| 6/7/2017 | Sell | (892) |
| 6/8/2017 | Buy | 106 |
| 6/8/2017 | Sell | (1,792) |
| 6/9/2017 | Sell | (892) |
| 6/12/2017 | Sell | (1,026) |
| 6/13/2017 | Sell | (1,094) |
| 6/14/2017 | Sell | (90) |

| Trade Date | Transaction | Quantity |
|------------|-------------|----------|
| 6/15/2017 | Sell | (90) |
| 6/16/2017 | Sell | (90) |
| 6/19/2017 | Sell | (108) |
| 6/20/2017 | Sell | (90) |
| 6/21/2017 | Sell | (90) |
| 6/22/2017 | Sell | (142) |
| 6/23/2017 | Sell | (376) |
| 6/26/2017 | Sell | (382) |
| 6/27/2017 | Sell | (388) |
| 6/28/2017 | Sell | (412) |
| 6/29/2017 | Sell | (420) |
| 6/30/2017 | Sell | (421) |
| 7/3/2017 | Sell | (422) |
| 7/5/2017 | Sell | (220) |
| 7/6/2017 | Sell | (220) |
| 7/7/2017 | Sell | (220) |
| 7/10/2017 | Sell | (220) |
| 7/11/2017 | Sell | (220) |
| 7/12/2017 | Sell | (314) |
| 7/13/2017 | Buy | 45 |
| 7/13/2017 | Sell | (220) |
| 7/14/2017 | Sell | (288) |
| 7/17/2017 | Buy | 45 |
| 7/17/2017 | Sell | (220) |
| 7/18/2017 | Buy | 102 |
| 7/18/2017 | Sell | (220) |
| 7/19/2017 | Buy | 100 |
| 7/19/2017 | Sell | (345) |
| 7/20/2017 | Buy | 97 |
| 7/20/2017 | Sell | (306) |
| 7/21/2017 | Sell | (354) |
| 7/24/2017 | Buy | 193 |
| 7/24/2017 | Sell | (216) |
| 7/25/2017 | Sell | (246) |
| 7/26/2017 | Buy | 187 |
| 7/26/2017 | Sell | (388) |
| 7/27/2017 | Buy | 52 |
| 7/27/2017 | Sell | (348) |
| 7/28/2017 | Sell | (90) |
| 7/31/2017 | Sell | (222) |
| 8/1/2017 | Sell | (342) |
| 8/2/2017 | Sell | (358) |
| 8/3/2017 | Sell | (554) |
| 8/4/2017 | Sell | (554) |
| 8/7/2017 | Sell | (238) |
| 8/8/2017 | Buy | 59 |
| 8/8/2017 | Sell | (222) |
| 8/9/2017 | Buy | 6 |
| 8/9/2017 | Sell | (276) |
| 8/10/2017 | Sell | (226) |

| Trade Date | Transaction | Quantity |
|------------|-------------|----------|
| 8/11/2017 | Sell | (236) |
| 8/14/2017 | Sell | (236) |
| 8/15/2017 | Sell | (266) |
| 8/16/2017 | Sell | (266) |
| 8/17/2017 | Buy | 6 |
| 8/17/2017 | Sell | (386) |
| 8/18/2017 | Sell | (312) |
| 8/21/2017 | Sell | (226) |
| 8/22/2017 | Sell | (244) |
| 8/23/2017 | Sell | (226) |
| 8/24/2017 | Sell | (256) |
| 8/25/2017 | Sell | (226) |
| 8/28/2017 | Buy | 76 |
| 8/28/2017 | Sell | (255) |
| 8/29/2017 | Sell | (236) |
| 8/30/2017 | Buy | 57 |
| 8/30/2017 | Sell | (256) |
| 8/31/2017 | Sell | (252) |
| 9/1/2017 | Sell | (252) |
| 9/5/2017 | Sell | (222) |
| 9/6/2017 | Sell | (228) |
| 9/7/2017 | Buy | 143 |
| 9/7/2017 | Sell | (222) |
| 9/8/2017 | Sell | (226) |
| 9/11/2017 | Sell | (222) |
| 9/12/2017 | Sell | (18) |
| 9/13/2017 | Sell | (198) |
| 9/14/2017 | Buy | 5 |
| 9/14/2017 | Sell | (198) |
| 9/15/2017 | Sell | (198) |
| 9/18/2017 | Sell | (142) |
| 9/19/2017 | Buy | 220 |
| 9/19/2017 | Sell | (146) |
| 9/20/2017 | Buy | 232 |
| 9/20/2017 | Sell | (158) |
| 9/21/2017 | Sell | (158) |
| 9/22/2017 | Sell | (158) |
| 9/25/2017 | Buy | 116 |
| 9/25/2017 | Sell | (142) |
| 9/26/2017 | Sell | (142) |
| 9/27/2017 | Sell | (142) |
| 9/28/2017 | Sell | (160) |
| 9/29/2017 | Sell | (160) |
| 10/2/2017 | Buy | 114 |
| 10/2/2017 | Sell | (142) |
| 10/3/2017 | Sell | (167) |
| 10/4/2017 | Sell | (142) |
| 10/5/2017 | Sell | (84) |
| 10/6/2017 | Sell | (102) |
| 10/9/2017 | Sell | (80) |

| Trade Date | Transaction | Quantity |
|------------|-------------|----------|
| 10/10/2017 | Sell | (84) |
| 10/11/2017 | Buy | 161 |
| 10/11/2017 | Sell | (182) |
| 10/12/2017 | Sell | (100) |
| 10/13/2017 | Sell | (414) |
| 10/16/2017 | Sell | (178) |
| 10/17/2017 | Buy | 111 |
| 10/17/2017 | Sell | (137) |
| 10/18/2017 | Sell | (230) |
| 10/19/2017 | Sell | (236) |
| 10/20/2017 | Sell | (241) |
| 10/23/2017 | Sell | (244) |
| 10/24/2017 | Buy | 118 |
| 10/24/2017 | Sell | (264) |
| 10/25/2017 | Sell | (264) |
| 10/26/2017 | Sell | (250) |
| 10/27/2017 | Buy | 122 |
| 10/27/2017 | Sell | (192) |
| 10/30/2017 | Sell | (280) |
| 10/31/2017 | Sell | (292) |
| 11/1/2017 | Sell | (292) |
| 11/2/2017 | Sell | (302) |
| 11/3/2017 | Buy | 183 |
| 11/3/2017 | Sell | (320) |
| 11/6/2017 | Buy | 14 |
| 11/6/2017 | Sell | (306) |
| 11/7/2017 | Buy | 16 |
| 11/7/2017 | Sell | (324) |
| 11/8/2017 | Buy | 187 |
| 11/8/2017 | Sell | (306) |
| 11/9/2017 | Buy | 16 |
| 11/9/2017 | Sell | (306) |
| 11/10/2017 | Buy | 14 |
| 11/10/2017 | Sell | (284) |
| 11/13/2017 | Buy | 8 |
| 11/13/2017 | Sell | (306) |
| 11/14/2017 | Buy | 8 |
| 11/14/2017 | Sell | (284) |
| 11/15/2017 | Buy | 8 |
| 11/15/2017 | Sell | (317) |
| 11/16/2017 | Buy | 8 |
| 11/16/2017 | Sell | (314) |
| 11/17/2017 | Buy | 8 |
| 11/17/2017 | Sell | (550) |
| 11/20/2017 | Buy | 8 |
| 11/20/2017 | Sell | (324) |
| 11/21/2017 | Buy | 170 |
| 11/21/2017 | Sell | (331) |
| 11/22/2017 | Buy | 8 |
| 11/22/2017 | Sell | (322) |

| Trade Date | Transaction | Quantity |
|------------|-------------|----------|
| 11/24/2017 | Buy | 8 |
| 11/24/2017 | Sell | (316) |
| 11/27/2017 | Sell | (316) |
| 11/28/2017 | Sell | (316) |
| 11/29/2017 | Sell | (258) |
| 11/30/2017 | Buy | 11 |
| 11/30/2017 | Sell | (258) |
| 12/1/2017 | Sell | (286) |
| 12/4/2017 | Sell | (268) |
| 12/5/2017 | Sell | (342) |
| 12/6/2017 | Buy | 273 |
| 12/6/2017 | Sell | (346) |
| 12/7/2017 | Sell | (342) |
| 12/8/2017 | Sell | (438) |
| 12/11/2017 | Sell | (466) |
| 12/12/2017 | Buy | 9 |
| 12/12/2017 | Sell | (485) |
| 12/13/2017 | Sell | (454) |
| 12/14/2017 | Sell | (460) |
| 12/15/2017 | Buy | 270 |
| 12/15/2017 | Sell | (463) |
| 12/18/2017 | Sell | (463) |
| 12/19/2017 | Sell | (463) |
| 12/20/2017 | Sell | (481) |
| 12/21/2017 | Sell | (465) |
| 12/22/2017 | Sell | (499) |
| 12/26/2017 | Sell | (463) |
| 12/27/2017 | Sell | (487) |
| 12/28/2017 | Buy | 4 |
| 12/28/2017 | Sell | (463) |
| 12/29/2017 | Sell | (463) |
| 1/2/2018 | Sell | (463) |
| 1/3/2018 | Sell | (446) |
| 1/4/2018 | Sell | (463) |
| 1/5/2018 | Sell | (463) |
| 1/8/2018 | Sell | (463) |
| 1/9/2018 | Buy | 1,753 |
| 1/9/2018 | Sell | (2,352) |
| 1/10/2018 | Buy | 1,000 |
| 1/10/2018 | Sell | (1,682) |
| 1/11/2018 | Buy | 1,000 |
| 1/11/2018 | Sell | (1,608) |
| 1/12/2018 | Buy | 1,000 |
| 1/12/2018 | Sell | (1,616) |
| 1/16/2018 | Buy | 1,000 |
| 1/16/2018 | Sell | (1,607) |
| 1/17/2018 | Sell | (541) |
| 1/18/2018 | Buy | 200 |
| 1/18/2018 | Sell | (1,335) |
| 1/19/2018 | Buy | 200 |

| Trade Date | Transaction | Quantity |
|------------|-------------|----------|
| 1/19/2018 | Sell | (364) |
| 1/22/2018 | Buy | 200 |
| 1/22/2018 | Sell | (363) |
| 1/23/2018 | Buy | 200 |
| 1/23/2018 | Sell | (364) |
| 1/24/2018 | Buy | 204 |
| 1/24/2018 | Sell | (352) |
| 1/25/2018 | Buy | 233 |
| 1/25/2018 | Sell | (242) |
| 1/26/2018 | Buy | 209 |
| 1/26/2018 | Sell | (251) |
| 1/29/2018 | Buy | 200 |
| 1/29/2018 | Sell | (242) |
| 1/30/2018 | Buy | 200 |
| 1/30/2018 | Sell | (308) |
| 1/31/2018 | Buy | 200 |
| 1/31/2018 | Sell | (242) |
| 2/1/2018 | Buy | 200 |
| 2/1/2018 | Sell | (242) |
| 2/2/2018 | Buy | 204 |
| 2/2/2018 | Sell | (242) |
| 2/5/2018 | Buy | 200 |
| 2/5/2018 | Sell | (242) |
| 2/6/2018 | Buy | 200 |
| 2/6/2018 | Sell | (236) |
| 2/7/2018 | Buy | 200 |
| 2/7/2018 | Sell | (236) |
| 2/8/2018 | Buy | 204 |
| 2/8/2018 | Sell | (282) |
| 2/9/2018 | Buy | 200 |
| 2/9/2018 | Sell | (242) |
| 2/12/2018 | Buy | 200 |
| 2/12/2018 | Sell | (206) |
| 2/13/2018 | Buy | 200 |
| 2/13/2018 | Sell | (206) |
| 2/14/2018 | Buy | 200 |
| 2/14/2018 | Sell | (206) |
| 2/15/2018 | Buy | 205 |
| 2/15/2018 | Sell | (206) |
| 2/16/2018 | Buy | 200 |
| 2/16/2018 | Sell | (206) |
| 2/20/2018 | Buy | 200 |
| 2/20/2018 | Sell | (206) |
| 2/21/2018 | Buy | 204 |
| 2/21/2018 | Sell | (242) |
| 2/22/2018 | Buy | 200 |
| 2/22/2018 | Sell | (610) |
| 2/23/2018 | Sell | (385) |
| 2/26/2018 | Buy | 18 |
| 2/26/2018 | Sell | (356) |

| Trade Date | Transaction | Quantity |
|------------|-------------|----------|
| 2/27/2018 | Buy | 4 |
| 2/27/2018 | Sell | (359) |
| 2/28/2018 | Buy | 9 |
| 2/28/2018 | Sell | (359) |
| 3/1/2018 | Buy | 1,000 |
| 3/1/2018 | Sell | (1,359) |
| 3/2/2018 | Sell | (466) |
| 3/5/2018 | Sell | (1,402) |
| 3/6/2018 | Sell | (536) |
| 3/7/2018 | Buy | 4 |
| 3/7/2018 | Sell | (538) |
| 3/8/2018 | Buy | 3 |
| 3/8/2018 | Sell | (550) |
| 3/9/2018 | Buy | 2 |
| 3/9/2018 | Sell | (542) |
| 3/12/2018 | Sell | (342) |
| 3/13/2018 | Buy | 30 |
| 3/13/2018 | Sell | (1,317) |
| 3/14/2018 | Sell | (12) |
| 3/15/2018 | Sell | (12) |
| 3/16/2018 | Buy | 118 |
| 3/16/2018 | Sell | (106) |
| 3/19/2018 | Buy | 100 |
| 3/19/2018 | Sell | (106) |
| 3/20/2018 | Buy | 104 |
| 3/20/2018 | Sell | (4,257) |
| 3/21/2018 | Sell | (647) |
| 3/22/2018 | Buy | 22 |
| 3/22/2018 | Sell | (555) |
| 3/23/2018 | Buy | 4 |
| 3/23/2018 | Sell | (595) |
| 3/26/2018 | Sell | (515) |
| 3/27/2018 | Sell | (206) |
| 3/28/2018 | Buy | 77 |
| 3/28/2018 | Sell | (585) |
| 3/29/2018 | Buy | 19 |
| 3/29/2018 | Sell | (517) |
| 4/2/2018 | Sell | (500) |
| 4/3/2018 | Buy | 300 |
| 4/3/2018 | Sell | (597) |
| 4/4/2018 | Buy | 300 |
| 4/4/2018 | Sell | (500) |
| 4/5/2018 | Buy | 300 |
| 4/5/2018 | Sell | (500) |
| 4/6/2018 | Buy | 318 |
| 4/6/2018 | Sell | (502) |
| 4/9/2018 | Sell | (500) |
| 4/10/2018 | Sell | (504) |
| 4/12/2018 | Buy | 18 |
| 4/12/2018 | Sell | (300) |

| Trade Date | Transaction | Quantity |
|------------|-------------|----------|
| 4/13/2018 | Buy | 2 |
| 4/13/2018 | Sell | (441) |
| 4/16/2018 | Sell | (441) |
| 4/17/2018 | Buy | 11 |
| 4/17/2018 | Sell | (424) |
| 4/18/2018 | Buy | 300 |
| 4/18/2018 | Sell | (425) |
| 4/19/2018 | Buy | 305 |
| 4/19/2018 | Sell | (556) |
| 4/20/2018 | Buy | 300 |
| 4/20/2018 | Sell | (541) |
| 4/23/2018 | Buy | 300 |
| 4/23/2018 | Sell | (445) |
| 4/24/2018 | Buy | 341 |
| 4/24/2018 | Sell | (711) |
| 4/25/2018 | Buy | 307 |
| 4/25/2018 | Sell | (400) |
| 4/26/2018 | Buy | 300 |
| 4/26/2018 | Sell | (500) |
| 4/27/2018 | Buy | 320 |
| 4/27/2018 | Sell | (755) |
| 4/30/2018 | Buy | 346 |
| 4/30/2018 | Sell | (741) |
| 5/1/2018 | Buy | 300 |
| 5/1/2018 | Sell | (1,814) |
| 5/2/2018 | Buy | 300 |
| 5/2/2018 | Sell | (1,691) |
| 5/3/2018 | Buy | 3,600 |
| 5/3/2018 | Sell | (5,034) |
| 5/4/2018 | Buy | 302 |
| 5/4/2018 | Sell | (2,844) |
| 5/7/2018 | Buy | 300 |
| 5/7/2018 | Sell | (1,690) |
| 5/8/2018 | Buy | 316 |
| 5/8/2018 | Sell | (1,529) |
| 5/9/2018 | Buy | 1,302 |
| 5/9/2018 | Sell | (1,666) |
| 5/10/2018 | Buy | 1,300 |
| 5/10/2018 | Sell | (1,429) |
| 5/11/2018 | Buy | 1,300 |
| 5/11/2018 | Sell | (1,495) |
| 5/14/2018 | Buy | 300 |
| 5/14/2018 | Sell | (1,731) |
| 5/15/2018 | Buy | 1,300 |
| 5/15/2018 | Sell | (1,837) |
| 5/16/2018 | Buy | 1,300 |
| 5/16/2018 | Sell | (2,609) |
| 5/17/2018 | Buy | 300 |
| 5/17/2018 | Sell | (1,884) |
| 5/18/2018 | Buy | 300 |

| Trade Date | Transaction | Quantity |
|------------|-------------|----------|
| 5/18/2018 | Sell | (2,445) |
| 5/21/2018 | Buy | 389 |
| 5/21/2018 | Sell | (698) |
| 5/22/2018 | Buy | 389 |
| 5/22/2018 | Sell | (698) |
| 5/23/2018 | Buy | 300 |
| 5/23/2018 | Sell | (609) |
| 5/24/2018 | Buy | 300 |
| 5/24/2018 | Sell | (609) |
| 5/25/2018 | Buy | 300 |
| 5/25/2018 | Sell | (2,675) |
| 5/29/2018 | Buy | 300 |
| 5/29/2018 | Sell | (431) |
| 5/30/2018 | Buy | 405 |
| 5/30/2018 | Sell | (541) |
| 5/31/2018 | Buy | 413 |
| 5/31/2018 | Sell | (541) |
| 6/1/2018 | Buy | 402 |
| 6/1/2018 | Sell | (541) |
| 6/4/2018 | Buy | 404 |
| 6/4/2018 | Sell | (583) |
| 6/5/2018 | Buy | 446 |
| 6/5/2018 | Sell | (617) |
| 6/6/2018 | Buy | 300 |
| 6/6/2018 | Sell | (636) |
| 6/7/2018 | Buy | 300 |
| 6/7/2018 | Sell | (954) |
| 6/8/2018 | Buy | 300 |
| 6/8/2018 | Sell | (477) |
| 6/11/2018 | Buy | 314 |
| 6/11/2018 | Sell | (497) |
| 6/12/2018 | Buy | 300 |
| 6/12/2018 | Sell | (540) |
| 6/13/2018 | Buy | 300 |
| 6/13/2018 | Sell | (550) |
| 6/14/2018 | Buy | 300 |
| 6/14/2018 | Sell | (548) |
| 6/15/2018 | Buy | 300 |
| 6/15/2018 | Sell | (518) |
| 6/18/2018 | Buy | 300 |
| 6/18/2018 | Sell | (678) |
| 6/19/2018 | Buy | 300 |
| 6/19/2018 | Sell | (525) |
| 6/20/2018 | Buy | 300 |
| 6/20/2018 | Sell | (534) |
| 6/21/2018 | Buy | 300 |
| 6/21/2018 | Sell | (527) |
| 6/22/2018 | Buy | 333 |
| 6/22/2018 | Sell | (718) |
| 6/25/2018 | Buy | 300 |

| Trade Date | Transaction | Quantity |
|------------|-------------|----------|
| 6/25/2018 | Sell | (583) |
| 6/26/2018 | Buy | 330 |
| 6/26/2018 | Sell | (786) |
| 6/27/2018 | Buy | 300 |
| 6/27/2018 | Sell | (621) |
| 6/28/2018 | Buy | 300 |
| 6/28/2018 | Sell | (570) |
| 6/29/2018 | Buy | 394 |
| 6/29/2018 | Sell | (512) |
| 7/2/2018 | Buy | 300 |
| 7/2/2018 | Sell | (514) |
| 7/3/2018 | Buy | 300 |
| 7/3/2018 | Sell | (514) |
| 7/5/2018 | Buy | 300 |
| 7/5/2018 | Sell | (543) |
| 7/6/2018 | Buy | 326 |
| 7/6/2018 | Sell | (676) |
| 7/9/2018 | Buy | 300 |
| 7/9/2018 | Sell | (610) |
| 7/10/2018 | Buy | 325 |
| 7/10/2018 | Sell | (538) |
| 7/11/2018 | Buy | 300 |
| 7/11/2018 | Sell | (601) |
| 7/12/2018 | Buy | 400 |
| 7/12/2018 | Sell | (634) |
| 7/13/2018 | Buy | 204 |
| 7/13/2018 | Sell | (557) |
| 7/16/2018 | Sell | (80) |
| 7/17/2018 | Buy | 12 |
| 7/17/2018 | Sell | (93) |
| 7/18/2018 | Sell | (80) |
| 7/19/2018 | Sell | (391) |
| 7/20/2018 | Sell | (185) |
| 7/23/2018 | Buy | 19 |
| 7/23/2018 | Sell | (260) |
| 7/24/2018 | Sell | (255) |
| 7/25/2018 | Sell | (213) |
| 7/26/2018 | Buy | 41 |
| 7/26/2018 | Sell | (230) |
| 7/27/2018 | Buy | 17 |
| 7/27/2018 | Sell | (206) |
| 7/30/2018 | Sell | (375) |
| 7/31/2018 | Sell | (202) |
| 8/1/2018 | Buy | 30 |
| 8/1/2018 | Sell | (365) |
| 8/2/2018 | Sell | (176) |
| 8/3/2018 | Sell | (191) |
| 8/6/2018 | Sell | (171) |
| 8/7/2018 | Sell | (96) |
| 8/8/2018 | Sell | (90) |

| Trade Date | Transaction | Quantity |
|------------|-------------|----------|
| 8/9/2018 | Sell | (90) |
| 8/10/2018 | Buy | 24 |
| 8/10/2018 | Sell | (184) |
| 8/13/2018 | Sell | (88) |
| 8/14/2018 | Sell | (85) |
| 8/15/2018 | Sell | (196) |
| 8/16/2018 | Sell | (94) |
| 8/17/2018 | Sell | (90) |
| 8/20/2018 | Sell | (90) |
| 8/21/2018 | Sell | (390) |
| 8/22/2018 | Buy | 25 |
| 8/22/2018 | Sell | (113) |
| 8/23/2018 | Sell | (98) |
| 8/24/2018 | Sell | (88) |
| 8/27/2018 | Sell | (88) |
| 8/28/2018 | Sell | (109) |
| 8/29/2018 | Buy | 53 |
| 8/29/2018 | Sell | (68) |
| 8/30/2018 | Sell | (82) |
| 8/31/2018 | Sell | (131) |
| 9/4/2018 | Sell | (86) |
| 9/5/2018 | Sell | (82) |
| 9/6/2018 | Sell | (80) |
| 9/7/2018 | Sell | (80) |
| 9/10/2018 | Sell | (105) |
| 9/11/2018 | Buy | 39 |
| 9/11/2018 | Sell | (122) |
| 9/12/2018 | Sell | (80) |
| 9/13/2018 | Sell | (383) |
| 9/14/2018 | Sell | (111) |
| 9/17/2018 | Sell | (66) |
| 9/18/2018 | Sell | (96) |
| 9/19/2018 | Buy | 11 |
| 9/19/2018 | Sell | (77) |
| 9/20/2018 | Sell | (66) |
| 9/21/2018 | Sell | (69) |
| 9/24/2018 | Sell | (95) |
| 9/25/2018 | Sell | (102) |
| 9/26/2018 | Buy | 24 |
| 9/26/2018 | Sell | (160) |
| 9/27/2018 | Buy | 6,000 |
| 9/27/2018 | Sell | (6,169) |
| 9/28/2018 | Sell | (126) |
| 10/1/2018 | Sell | (66) |
| 10/2/2018 | Sell | (95) |
| 10/3/2018 | Buy | 7 |
| 10/3/2018 | Sell | (73) |
| 10/4/2018 | Sell | (66) |
| 10/5/2018 | Sell | (66) |
| 10/8/2018 | Sell | (107) |

| Trade Date | Transaction | Quantity |
|------------|-------------|----------|
| 10/9/2018 | Sell | (149) |
| 10/10/2018 | Buy | 21 |
| 10/10/2018 | Sell | (122) |
| 10/11/2018 | Sell | (103) |
| 10/12/2018 | Sell | (111) |
| 10/15/2018 | Buy | 2 |
| 10/15/2018 | Sell | (101) |
| 10/16/2018 | Sell | (1,046) |
| 10/17/2018 | Buy | 15 |
| 10/17/2018 | Sell | (227) |
| 10/18/2018 | Buy | 13 |
| 10/18/2018 | Sell | (145) |
| 10/19/2018 | Sell | (97) |
| 10/22/2018 | Sell | (73) |
| 10/23/2018 | Sell | (34) |
| 10/24/2018 | Buy | 13 |
| 10/24/2018 | Sell | (69) |
| 10/25/2018 | Buy | 14 |
| 10/25/2018 | Sell | (111) |
| 10/26/2018 | Sell | (57) |
| 10/29/2018 | Sell | (27) |
| 10/30/2018 | Buy | 13 |
| 10/30/2018 | Sell | (27) |
| 10/31/2018 | Sell | (37) |
| 11/1/2018 | Sell | (27) |
| 11/2/2018 | Buy | 8 |
| 11/2/2018 | Sell | (30) |
| 11/5/2018 | Sell | (30) |
| 11/6/2018 | Sell | (30) |
| 11/7/2018 | Buy | 9 |
| 11/7/2018 | Sell | (39) |
| 11/8/2018 | Sell | (108) |
| 11/9/2018 | Sell | (41) |
| 11/12/2018 | Buy | 8 |
| 11/12/2018 | Sell | (30) |
| 11/13/2018 | Sell | (30) |
| 11/14/2018 | Sell | (162) |
| 11/15/2018 | Buy | 6 |
| 11/15/2018 | Sell | (30) |
| 11/16/2018 | Sell | (447) |
| 11/19/2018 | Sell | (700) |
| 11/20/2018 | Buy | 80 |
| 11/20/2018 | Sell | (112) |
| 11/21/2018 | Sell | (30) |
| 11/23/2018 | Sell | (30) |
| 11/26/2018 | Sell | (88) |
| 11/27/2018 | Sell | (34) |
| 11/28/2018 | Sell | (89) |
| 11/29/2018 | Sell | (30) |
| 11/30/2018 | Sell | (30) |

| Trade Date | Transaction | Quantity |
|------------|-------------|----------|
| 12/3/2018 | Sell | (65) |
| 12/4/2018 | Sell | (1,032) |
| 12/6/2018 | Buy | 17 |
| 12/6/2018 | Sell | (30) |
| 12/7/2018 | Sell | (30) |
| 12/10/2018 | Sell | (51) |
| 12/11/2018 | Sell | (51) |
| 12/12/2018 | Sell | (100) |
| 12/13/2018 | Sell | (123) |
| 12/14/2018 | Buy | 2 |
| 12/14/2018 | Sell | (123) |
| 12/17/2018 | Sell | (92) |
| 12/18/2018 | Sell | (92) |
| 12/19/2018 | Buy | 96 |
| 12/19/2018 | Sell | (426) |
| 12/20/2018 | Sell | (157) |
| 12/21/2018 | Sell | (154) |
| 12/24/2018 | Buy | 32 |
| 12/24/2018 | Sell | (114) |
| 12/26/2018 | Sell | (1,128) |
| 12/27/2018 | Sell | (110) |
| 12/28/2018 | Buy | 28 |
| 12/28/2018 | Sell | (110) |
| 12/31/2018 | Sell | (110) |
| 1/2/2019 | Sell | (110) |
| 1/3/2019 | Sell | (110) |
| 1/4/2019 | Sell | (160) |
| 1/7/2019 | Sell | (310) |
| 1/8/2019 | Sell | (110) |
| 1/9/2019 | Buy | 2 |
| 1/9/2019 | Sell | (431) |
| 1/10/2019 | Sell | (110) |
| 1/11/2019 | Buy | 36 |
| 1/11/2019 | Sell | (146) |
| 1/14/2019 | Sell | (130) |
| 1/15/2019 | Sell | (110) |
| 1/16/2019 | Buy | 24 |
| 1/16/2019 | Sell | (134) |
| 1/17/2019 | Buy | 15 |
| 1/17/2019 | Sell | (360) |
| 1/18/2019 | Sell | (435) |
| 1/22/2019 | Sell | (110) |
| 1/23/2019 | Sell | (110) |
| 1/24/2019 | Buy | 39 |
| 1/24/2019 | Sell | (151) |
| 1/25/2019 | Sell | (112) |
| 1/28/2019 | Sell | (110) |
| 1/29/2019 | Sell | (111) |
| 1/30/2019 | Sell | (111) |
| 1/31/2019 | Buy | 36 |

| Trade Date | Transaction | Quantity |
|------------|-------------|----------|
| 1/31/2019 | Sell | (111) |
| 2/1/2019 | Buy | 175 |
| 2/1/2019 | Sell | (287) |
| 2/4/2019 | Sell | (117) |
| 2/5/2019 | Sell | (120) |
| 2/6/2019 | Sell | (111) |
| 2/7/2019 | Sell | (111) |
| 2/8/2019 | Buy | 34 |
| 2/8/2019 | Sell | (111) |
| 2/11/2019 | Sell | (347) |
| 2/12/2019 | Sell | (161) |
| 2/13/2019 | Sell | (161) |
| 2/14/2019 | Sell | (161) |
| 2/15/2019 | Sell | (211) |
| 2/19/2019 | Sell | (240) |
| 2/20/2019 | Buy | 32 |
| 2/20/2019 | Sell | (182) |
| 2/21/2019 | Sell | (192) |
| 2/22/2019 | Sell | (200) |
| 2/25/2019 | Sell | (179) |
| 2/26/2019 | Sell | (110) |
| 2/27/2019 | Buy | 30 |
| 2/27/2019 | Sell | (164) |
| 2/28/2019 | Sell | (225) |
| 3/1/2019 | Sell | (115) |
| 3/4/2019 | Sell | (100) |
| 3/5/2019 | Sell | (106) |
| 3/6/2019 | Buy | 1 |
| 3/6/2019 | Sell | (106) |
| 3/7/2019 | Sell | (163) |
| 3/8/2019 | Buy | 17 |
| 3/8/2019 | Sell | (112) |
| 3/12/2019 | Buy | 69 |
| 3/14/2019 | Buy | 3 |
| 3/14/2019 | Sell | (100) |
| 3/15/2019 | Sell | (240) |
| 3/18/2019 | Buy | 18 |
| 3/18/2019 | Sell | (18) |

IMPORTANT

Please review this Proxy Statement and the enclosed materials carefully. YOUR VOTE IS VERY IMPORTANT, no matter how many or how few Shares you own.

1. If your Shares are registered in your own name, please sign, date and mail the enclosed **WHITE** proxy card to DFK in the postage-paid envelope provided, or vote by telephone or Internet, today.
2. If you have previously signed and returned a proxy card to the Trust, you have every right to change your vote. Only your latest dated proxy card will count. You may revoke any proxy card already sent to the Trust by signing, dating and mailing the enclosed **WHITE** proxy card in the postage-paid envelope provided or by voting by telephone or Internet. Any proxy may be revoked at any time prior to the Special Meeting by delivering a written notice of revocation or a later-dated proxy for the Special Meeting to DFK or by voting in person at the Special Meeting. Attendance at the Special Meeting will not in and of itself constitute a revocation.
3. If your Shares are held in the name of a brokerage firm, bank nominee or other institution, only such firm, nominee or other institution can vote your Shares and only after receiving your specific instructions. Accordingly, please sign, date and mail the enclosed **WHITE** voting form in the postage-paid envelope provided, and to ensure that your Shares are voted, you should also contact the person responsible for your account and give instructions for a **WHITE** proxy card to be issued representing your Shares.
4. After signing the enclosed **WHITE** proxy card, do not sign or return the Trust's proxy card unless you intend to change your vote, because only your latest dated proxy card will be counted.

If you have any questions concerning this proxy statement, would like to request additional copies of this Proxy Statement, or need help voting your Shares, please contact our proxy solicitor:



D.F. King & Co., Inc.
48 Wall Street, 22nd Floor
New York, New York 10005
Holders may call toll-free: (800) 848-3416
Banks and brokers call: (212) 269-5550
E-mail: TPL@dfking.com

PRELIMINARY COPY – SUBJECT TO COMPLETION

[FORM OF PROXY CARD]

**TEXAS PACIFIC LAND TRUST
Special Meeting of Holders of Sub-share Certificates of Proprietary Interest**

THIS PROXY IS SOLICITED ON BEHALF OF SOFTVEST, L.P., SOFTVEST ADVISORS, LLC, ART-FGT FAMILY PARTNERS LIMITED, TESSLER FAMILY LIMITED PARTNERSHIP, HORIZON KINETICS LLC, ERIC L. OLIVER AND ALLAN R. TESSLER (COLLECTIVELY, THE “PARTICIPANTS”).

THIS PROXY SOLICITATION IS NOT BEING MADE BY OR ON BEHALF OF TEXAS PACIFIC LAND TRUST.

The undersigned appoint(s) [•] and [•], and each of them, as proxies (each and any substitute, a “Proxyholder”) with full power of substitution and with discretionary authority to vote all sub-share certificates of proprietary interest (the “Shares”) of Texas Pacific Land Trust (the “Trust”), which the undersigned would be entitled to vote if personally present at the special meeting scheduled to be held by the Trust on May 22, 2019 at [•], at [•] (including any adjournments, continuations or postponements thereof and at any meeting called in lieu thereof (the “Special Meeting”)) on all matters coming before the Special Meeting.

The undersigned hereby revokes any other proxy or proxies heretofore given to vote or act with respect to the Shares held by the undersigned, and hereby ratifies and confirms all actions the herein named Proxyholders, their substitutes, or any of them may lawfully take by virtue hereof. Other than the single proposal set forth on the reverse side of this card, the Participants are not aware of any other matters to be considered at the Special Meeting. However, should other matters, unknown a reasonable time before the Special Meeting, be brought before the Special Meeting, each Proxyholder will vote on such matters in its discretion. If properly executed, this proxy will be voted as directed and each Proxyholder will vote in his or her discretion with respect to any other matters, unknown a reasonable time before the Special Meeting, as may properly come before the Special Meeting.

To vote by telephone call [•] in the United States or [•] from foreign countries from any touch-tone telephone and follow the instructions. To vote by internet access [•] and follow on-screen instructions or scan the QR code with your smartphone.

IF NO DIRECTION IS INDICATED WITH RESPECT TO THE PROPOSALS ON THE REVERSE SIDE, THIS PROXY WILL BE VOTED “FOR” THE NOMINEE SET FORTH IN PROPOSAL 1.

IMPORTANT: PLEASE COMPLETE, SIGN, DATE AND MAIL THIS PROXY CARD TODAY!

WE RECOMMEND A VOTE “FOR” THE ELECTION OF THE NOMINEE LISTED IN PROPOSAL 1 BELOW.

PROPOSAL NO. 1: SoftVest LP’s proposal to elect Eric L. Oliver as a trustee of the Trust.

FOR THE NOMINEE



WITHHOLD AUTHORITY TO VOTE FOR THE NOMINEE



The Participants do not expect that the nominee will be unable to stand for election, but, in the event the nominee is unable to serve as trustee, stand for election as trustee or for good cause will not serve as trustee, the Shares represented by this proxy card will be voted for a substitute nominee.

PLEASE SIGN AND DATE ON THE REVERSE SIDE

FOR YOUR PROXY TO BE VALID, IT MUST BE DATED.

Date: _____
Signature: _____
Signature (if held jointly): _____
Title(s): _____

Please sign exactly as name appears on the certificates representing the Shares or on the label affixed thereto. When Shares are held by joint tenants, both should sign. In case of joint owners, EACH joint owner should sign and date. When signing as attorney, executor, administrator, trustee, guardian, corporate officer, etc., give full title as such.

PLEASE SIGN, DATE AND MAIL YOUR PROXY PROMPTLY IN THE POSTAGE-PAID ENVELOPE ENCLOSED.
