

Vanguard Bank Sweep Products Terms of Use

Updated December 2023

The following Terms and Conditions ("Terms") govern Your participation in Vanguard's bank sweep products (the "Bank Sweep") offered by Vanguard Brokerage Services ("VBS"), a division of Vanguard Marketing Corporation, to the owners of brokerage accounts that meet certain eligibility requirements described below (each an "Account"). The Bank Sweep consists of "Vanguard Cash Deposit" in the Vanguard Brokerage Account and "Vanguard Cash Plus" in the Vanguard Cash Plus Account. The Bank Sweep is designed to "sweep" (that is, to automatically transfer) the Free Credit Balances in Your Account ("Eligible Balances") into deposit accounts at one or more participating Bank Sweep Program Banks (each a "Program Bank"), where they may be eligible for insurance provided by the Federal Deposit Insurance Company ("FDIC"), as described below.

These Terms provide You with important information about how the Bank Sweep works. Further, while enrolled in the Bank Sweep, these Terms supplement the terms and conditions contained in the Vanguard Brokerage Account Agreement ("Brokerage Agreement") and related documents. Any capitalized terms used but not defined in these Terms shall have the meaning set forth in Your Brokerage Agreement and related documents.

1. Bank Sweep Eligibility and Enrollment

- 1.1 Eligible Accounts. Only certain types of Accounts and clients are eligible to participate in the Bank Sweep. For a complete list of Accounts eligible to enroll in the Bank Sweep, visit https://personal.vanguard.com/pdf/111821_Bank_Sweep_Eligibility_Requirements.pdf for Vanguard Cash Deposit or https://investor.vanguard.com/accounts-plans/vanguard-cash-plus-account for Vanguard Cash Plus. VBS reserves the right, in its sole discretion, to modify or delete the types of clients and/or brokerage accounts that are eligible to enroll in the Bank Sweep.
- 1.2 No Minimum Balance Requirements. There is no minimum Eligible Balance amount required to either enroll in the Bank Sweep or continue to participate in the Bank Sweep. There is also no minimum period that Your funds held in the Bank Sweep must remain on deposit with any Program Bank, and no limitation on the number or amount of withdrawals under the Bank Sweep. There are maximum balance limits depending on Program Bank capacity and other factors.
- 1.3 For Vanguard Brokerage Accounts. Once You complete Your enrollment into Vanguard Cash Deposit, VBS will sell Your shares of Vanguard's Federal Money Market Fund ("Money Market Fund")

in Your Account and transfer the sale proceeds, net debits, to the Bank Sweep program, which will become your default investment option for Eligible Balances. If You wish to invest in the Money Market Fund as an investment holding in Your Account, You may do so by buying shares of the fund after You have enrolled in the Bank Sweep. Important: investments in Vanguard's Money Market Fund are not guaranteed or insured by the FDIC, but are securities eligible for SIPC coverage.

2. Bank Sweep Deposit Accounts.

2.1 Omnibus Accounts. Under the Bank Sweep,
Eligible Balances are automatically swept by VBS
into interest-bearing deposit accounts ("Deposit
Accounts") at one or more Program Banks. These
Deposit Accounts are comprised of an omnibus
interest bearing Demand Deposit Account ("Omnibus
DDA"), an omnibus Money Market Demand Account
("Omnibus MMDA" or "MMDA"), and/or, for qualifying
Brokerage Accounts, an omnibus Negotiable Order
of Withdrawal Account ("Omnibus NOW Account"
or "NOW"), and are held in each case in the name
of VBS (or its authorized representative) as agent
for the exclusive benefit of VBS' customers, acting
for themselves and others, or a similar designation
(together, the "Omnibus Accounts"). The Omnibus

NOW Account and Omnibus DDA function as transaction accounts ("TAs") for purposes of processing deposits and withdrawals, but you will earn the same rate of interest (summarized below) regardless of the Omnibus Account in which Your Sweep Deposits are held.

- 2.2 The Subaccount. You will have an interest in the Omnibus Accounts equal to the aggregate amount of Your Sweep Deposits at each Program Bank, plus the interest that accrues on Your Sweep Deposits. (Your interest in each Omnibus Account is referred to as Your "Subaccount"). The Subaccount will be evidenced by an entry on records maintained by VBS, and not directly on the records of any Program Bank.
- 2.3 Account Transfer Restrictions. There are no legal restrictions on the number of transfers that may be made from an MMDA. In the event of a change in law or regulations that imposes any such restrictions, We may update these Terms to reflect such change in law or regulations.

3. Program Banks and Excess Banks.

3.1 Program Bank Information. Under the Bank Sweep, Your Eligible Balances will be swept into Deposit Accounts at one or more Program Banks based on the deposit capacity of Program Banks and other factors. VBS maintains a list of participating Program Banks on its website at the following address: https://personal.vanguard.com/pdf/Bank_Sweep_ Participating Banks.pdf. VBS does not guarantee the financial condition of any Program Bank, or the accuracy of any publicly-available information concerning any Program Bank. Your Sweep Deposits are a direct obligation of the Program Bank that holds them and are not, either directly or indirectly, guaranteed by VBS, its parent company, or any of its subsidiaries or affiliates. You can obtain publiclyavailable financial information about each Program Bank at the FDIC's website at fdic.gov.

We will provide You written notification of the addition of any Program Banks, or if any Program Bank will no longer participate in the Bank Sweep. Prior written notice of other changes will be provided as soon as practicable, and will be posted on our website (vanguard.com) prior to becoming effective. The Program Bank(s) that hold Your Eligible Balances will also appear on Your periodic statements. It is Your responsibility to review the list of Program Banks periodically, and to inform VBS of any Program Banks that you do not wish to receive Your Eligible Balances.

Your Eligible Balances will not be swept in a prioritized or sequential order to a subset of Program Banks participating in VBS' Bank Sweep. Certain Program Banks limit Your Eligible Balances.

3.2 Opting out of a Program Bank. You may designate a Program Bank as ineligible to receive Your Eligible Balances. In addition, You may at any time instruct us to remove Your funds from a Program Bank, close Your Deposit Accounts with the Program Bank and designate the Program Bank as ineligible to receive future Eligible Balances. Requests received in good order will be processed as soon as practicable, but delays can occur.

You must allow funds to be swept into at least one Program Bank, subject to certain conditions, including but not limited to each Program Bank's available capacity and FDIC insurance coverage limits. Otherwise, VBS will unenroll Your Account from the Bank Sweep. Refer to Sections 9 and 10 below for more information on Bank Sweep suspensions and terminations and Account closing.

3.3 Excess Banks. Under the Bank Sweep, one or more Program Banks will accept Your funds without limit and without regard to the Standard Maximum Deposit Insurance Amount (SMDIA, currently \$250,000) for federal deposit insurance ("Excess Banks"). You may not designate all of the Excess Banks as ineligible to receive Your excess funds (if any). Funds placed with the Excess Banks in excess of the SMDIA will not be eligible for FDIC deposit insurance. VBS reserves the right to designate Excess Banks in its sole direction without prior notice.

4. Deposit Procedures.

- 4.1 Daily Sweep. Each Business Day (as defined below), VBS will sweep the Eligible Balances in Your Account to the Program Bank(s). For purposes of these Terms, "Business Day" means any day that is not (a) a Saturday or a Sunday or (b) a bank holiday specified in the banking holiday calendar published by the Federal Reserve Bank of New York. Depending on the time You enroll or VBS receives additional Eligible Balances for Your Account, it may take up to two (2) Business Days for Your Eligible Balances to be deposited at one or more Program Banks. In some instances, delays can occur.
- **4.2 Program Bank Deposit Limit.** VBS will deposit Eligible Balances in Your Account into Deposit Accounts in each Program Bank up to the Program Bank Deposit Limit of \$247,500 in order to permit the greatest

amount of Your Eligible Balances to be eligible for FDIC insurance coverage. Once \$250,000 has been deposited in each Program Bank, any additional funds will be deposited into a designated "Excess Bank," without limit and without regard to maximum available FDIC insurance coverage.

5. Withdrawal Procedures.

- 5.1 Withdrawal Consent. When You enroll in the Bank Sweep, You consent to have Your Sweep Deposits automatically withdrawn from one or more Program Bank(s) in the event of a net debit position in Your Account, including as a result of the settlement of purchase transactions or other charges posted to Your Account (e.g., wire transfers). Checks, ACH payments, wire transfers, and other transactions and items for Your Account are processed through Your VBS Account rather than directly with any Program Bank under the Bank Sweep. VBS will withdraw Your Sweep Deposits with the Program Banks to satisfy any net debit position in your Account on the Business Day following the debit's posting.
- 5.2 Withdrawal Sequence. VBS will process all withdrawals from Your TA at the Program Banks; You cannot directly add cash to or directly withdraw from a Program Bank account. If funds in the TA at a Program Bank from which funds are being withdrawn are insufficient to satisfy a debit, funds in the related MMDA at that Bank will be transferred to the TA to satisfy the debit, plus funds to maintain any TA threshold amount We or the Program Bank establish from time to time. We are permitted to withdraw funds from Your Deposit Accounts in any order. If there are insufficient funds in Your Deposit Accounts to satisfy the debit, VBS will withdraw funds from other available sources as described in Your Brokerage Agreement.
- 5.3 Accessibility of Eligible Balances. Pursuant to federal banking regulations, the Program Banks must reserve the right to require seven days' prior written notice before funds are withdrawn or transferred from a NOW account or an MMDA. DDAs are not subject to this restriction. In addition, in the event of a failure of a Program Bank, access to Your Sweep Deposits at that Program Bank may be restricted.
- **5.4 Maintaining Threshold Balances.** VBS will deposit Eligible Balances from Your Account into the MMDA at each Program Bank as set forth above. As necessary to satisfy withdrawals, funds will be transferred from Your MMDA to the related TA at each Program Bank and withdrawals will be made

from the TA. The Program Bank and VBS in their discretion may determine a minimum, or "threshold", amount to be maintained in Your TA to satisfy debits in Your Account.

6. Bank Sweep Records.

- 6.1 Access via Your Bank Sweep Account. Although Your Sweep Deposits are a direct obligation of the respective Program Bank, You will receive no separate evidence of ownership from any Program Bank, and you will only have access to Your funds deposited in Program Banks through the Sweep transaction process. Your Bank Sweep account records and information will be evidenced by an entry on records maintained by VBS, as the custodian of Your Account assets. If You have any questions or comments related to the Bank Sweep, including questions related to any Program Bank, You should contact VBS, and not the Program Bank directly.
- 6.2 Account Statements. Your periodic VBS Account statement will summarize account activity related to the Bank Sweep, including Your ending balance, as well as deposit, withdrawal, and interest information related to Your Eligible Balances at Program Banks for the period covered. You will not receive a separate statement from any Program Bank. Please retain Your Account statements for Your records.
- 6.3 Directly Held Accounts at a Program Bank. You have the right to establish a direct deposit relationship with any Program Bank, subject to the rules of such Program Bank for establishing and maintaining such a direct deposit relationship.

7. Yield on Your Eligible Balances.

- 7.1 Yield. You will earn yield that will accrue daily based on the Sweep Deposits at each Program Bank. At this time, VBS will pass along the same yield on Sweep Deposits, regardless of which Program Bank holds the assets. However, that could change in the future. The amount of the annual percentage yield ("APY") earned on Your Sweep Deposits will be stated on Your VBS Account statement and accessed under Current APY Information below. The yield will be credited and paid by the Program Bank: (a) at the end of each month, (b) on the date Your Account closes, or (c) when You withdraw all of Your Sweep Deposits.
- **7.2 Accrual.** Yield will begin to accrue on the day Your Sweep Deposits are credited to the Program Bank and will accrue up to—but not including—the day on which Your Sweep Deposits are withdrawn from any Program Bank.

- 7.3 Determination of APY. Yield on Your Sweep Deposits will be paid by the Program Bank(s). The yield You will earn on Sweep Deposits varies and may change at any time. It may be tiered based on the balance of Your Sweep Deposits that have been placed with Program Banks, plus the value of any additional Accounts or assets held at VBS that in the future may be added for purposes of qualifying for a particular yield tier, as well as other criteria that can be established by VBS and disclosed to you from time to time ("Eligible Assets"). The yield for each tier may be based on a number of factors, including general economic and business conditions. VBS can offer different products or services that offer different yields. Customers with higher amounts of Eligible Assets generally will receive higher interest rates on their Bank Sweep Deposits than customers with lower amounts of Eligible Assets.
- 7.4 Current APY Information. To find out current APY information for the Bank Sweep, You may visit https://investor.vanguard.com/vanguard-cash-deposit for Vanguard Cash Deposit and https://investor.vanguard.com/accounts-plans/vanguard-cash-plus-account for Vanguard Cash Plus.

8. Conflicts of Interest.

8.1 VBS/VMC. Program Banks pay a fee to VBS for Sweep Deposits that is retained by VBS as revenue. The fee that VBS receives: (i) is set by VBS, (ii) may vary from Program Bank to Program Bank, (iii) may be changed by VBS at any time, and (iv) will affect the yield clients receive from the Bank Sweep. Clients that enroll in the Bank Sweep receive a lower yield on deposits under the Bank Sweep than if Vanguard had not earned this fee because Program Banks reduce the amount of interest they are willing to pay depositors by the amount of the fee they pay to VBS. Clients that enroll in the Bank Sweep typically receive a lower yield than the Program Banks pay to some other customers who make deposits directly at the Program Banks. Based on the fee set by VBS, the return You receive on Eligible Balances under the Bank Sweep can be higher or lower than that offered under VBS' alternative Sweep Program for the Vanguard Brokerage Account: the Vanguard Federal Money Market Fund. Money market mutual funds have a fiduciary duty to seek to maximize the return paid to clients, subject to the fundamental investment policies of the money market mutual funds. By contrast, a bank is not required to seek to maximize the interest rate paid on client deposits.

Transfers Between VBS Accounts. If You own more than one VBS Account and You transfer funds from

- a VBS Account using the Money Market Fund Sweep to an Account using the Bank Sweep, VBS will liquidate your Money Market Fund investments on the day of transfer, and then deposit these funds in the Bank Sweep the next day. You will not receive a dividend or interest on the day Your money market funds are liquidated.
- 8.2 Program Banks. The Program Banks will use Your Sweep Deposits in the Omnibus Accounts to support their investment lending and other activities. The profitability of each Program Bank is determined in part by the difference between the interest it pays on the Omnibus Accounts (and other costs incurred), and the interest or other income it earns on loans, investments and other assets. Program Banks will receive substantial deposits from the Bank Sweep at a price that may be less than alternative funding sources. Sweep Deposits in the Omnibus Accounts held at a Program Bank provide a stable source of funds for such bank. None of the Program Banks are affiliated with Vanguard.

9. Suspension/Termination of Bank Sweep by VBS.

9.1 Suspension of Bank Sweep. In its sole discretion, VBS can determine that it is necessary or advisable to suspend Your participation in the Bank Sweep, or to suspend making the Bank Sweep program generally available to any group of or all of its clients. If Your Account is subject to a suspension of Bank Sweep, then VBS will notify You in advance (if practicable). During any suspension, You authorize VBS to sweep any Eligible Balances that would otherwise be subject to the Bank Sweep into an alternative Sweep Program, or to maintain it as a Free Credit Balance. The Eligible Balances held through an alternative Sweep Program may not be FDIC-insured. Once the suspension is concluded, VBS will then seek to re-deposit such Eligible Balances. During any such suspension, You will earn any interest or yield on the alternative sweep vehicle selected by VBS, and VBS will not compensate you for any difference between what You may have earned in the Bank Sweep absent such temporary suspension. A temporary suspension will also not revoke Your enrollment in the Bank Sweep.

9.2 Termination of Bank Sweep Enrollment by VBS.

VBS reserves the right to terminate Your participation in Bank Sweep. In such event, it will notify You in advance if practicable, and then transfer Your Sweep Deposits to an alternative Sweep Program or maintain Your Eligible Balances as a Free Credit Balance. The Eligible Balances held through an alternative Sweep Program may not be FDIC-insured.

Bank Sweep Termination and Account Closing by You.

10.1 Termination by You. You may terminate Your participation in the Bank Sweep at any time. If you unenroll in Bank Sweep, VBS will sweep Your Deposits at each Program Bank to an alternate Sweep Program option, or hold all or a portion of them as Free Credit Balance. The Eligible Balances held through an alternate Sweep Program may not be FDIC-insured. For Vanguard Cash Deposit within Vanguard Brokerage Accounts, if You do not want any Program Banks to receive Your Eligible Balances, You should not enroll in the Bank Sweep or unenroll from the Bank Sweep by selecting the alternative Sweep Program at vanguard.com. For Vanguard Cash Plus within Vanguard Cash Plus Accounts, if you do not want any Program Banks to receive Your Eligible Balances, you should close Your Account.

10.2 Closing Your Account. If You close Your Account by transferring or redeeming all of the assets, Your Sweep Deposits from each Program Bank will be swept and the balance, net debits, will be paid out as You instruct. Vanguard Brokerage Accounts and Vanguard Cash Plus Accounts must have a zero dollar balance to be closed.

11. Limitations of "Beta" Program.

By enrolling, You are agreeing to participate in a "pilot" or "beta version" of the Bank Sweep that is still under development, and has not been released for sale, distribution or use by the general public. As a result, the Bank Sweep available in "beta version" is not the final Bank Sweep product or offer, and it is likely that certain additional Bank Sweep capabilities that will be available in the future are not available in the "beta version" made available to You at this time.

12. Electronic Notice and Delivery of Bank Sweep Disclosures.

VBS anticipates that several documents related to the Bank Sweep may change frequently, particularly any amendments to these Terms and changes to the Program Bank List (collectively, "Bank Sweep Disclosures"). VBS will provide You with prior written notice of changes to the Bank Sweep Disclosures by sending You an electronic message, including via email or Vanguard's Secure Message Center, available on Vanguard's website when you log in. The notice will also provide You with electronic delivery of the Bank Sweep Disclosures and any changes to them by providing links to updated documents in portable document format ("PDF") on Vanguard's website.

By enrolling, You agree to receive notice and electronic delivery of the Bank Sweep Disclosures as described above. You also agree that You have access to the hardware and software required to access the electronic notification and any related links on Vanguard's website, and to download or print the Bank Sweep Disclosures. This provision relates solely to notice and electronic delivery of the Bank Sweep Disclosures: VBS will continue to follow Your mail preferences (that is, e-delivery or U.S. mail) for all other records related to Your Account. You may request paper copies of current Bank Sweep Disclosures by contacting VBS.

13. Your Responsibility to Monitor Your Eligible Cash Investment Options.

Neither VBS nor any of its agents or service providers have any obligation to monitor Your Eligible Balance, including monitoring for FDIC insurance limits at Program Banks, Your decision whether to participate in the Bank Sweep, or Your decision whether to opt out of one or more Program Banks holding Your assets. As Your personal financial circumstances and other factors change, it may be in Your interest to change Your Sweep Program options or to invest cash from Your Brokerage Account in other investment vehicles. You can review Your investment options and other investments, as well as the current rates and returns of each by visiting vanguard.com.

Impacts to Asset Protection: SIPC Insurance vs. FDIC Insurance.

- 14.1 Securities Investor Protection Corporation ("SIPC").

 When assets are swept into one or more Program

 Banks under the Bank Sweep, they are not covered
 by SIPC; instead, when they are received by the

 Program Banks, they are eligible for FDIC insurance,
 discussed below. Assets held at a Program Bank are
 not securities. Refer to the Brokerage Agreement for
 additional information about SIPC and how it applies
 to Your Account.
- 14.2 FDIC-insured Accounts. The Bank Sweep seeks to provide You with the security of FDIC insurance for Your Eligible Balances held on deposit at Program Banks ("Sweep Deposits"). FDIC insurance provides protection against the loss of Your Sweep Deposits, up to allowable limits, in the event the Program Bank fails. FDIC deposit insurance is backed by the full faith and credit of the United States. Specifically, as noted in Section 4b of the Brokerage Agreement, FDIC deposit insurance coverage is available for Your Sweep Deposits up to the FDIC standard

maximum deposit insurance amount ("SMDIA"), which is currently \$250,000 per insurable category of account ownership at that Program Bank, when aggregated with all other deposits held by You at such bank and in the same insurable category of account ownership. Special FDIC rules apply to insurance of trust accounts as well as certain other types of accounts. VBS will aggregate and allocate Bank Sweep deposits for trust accounts at the account level and not at the beneficiary level. Your Eligible Balances will be eligible for FDIC insurance once they are transferred to and are held at the Program Banks as Sweep Deposits. If the total amount of deposits that You hold at a Program Bank in the same insurable category of account ownership (including deposits made through the Bank Sweep at an Excess Bank (defined above), deposits You hold outside of the Bank Sweep product and other Accounts that enroll in the Bank Sweep) exceeds applicable FDIC insurance limits, the excess amount will not be eligible for FDIC insurance and You will be exposed to the credit risk of the Bank with respect to the amount of the excess.

14.3 Your Responsibility to Monitor FDIC Insurance

Limits. The Bank Sweep program establishes a maximum amount of Your Eligible Balances that may be placed for deposit through the Bank Sweep at all Program Banks (the "Maximum Eligible Deposit Balance Amount"), as well as a maximum amount of Your Eligible Balances that may be placed at any one Program Bank through the Bank Sweep (the "Program Bank Deposit Limit"). Eligible Balances in Your Account up to the Program Bank Deposit Limit then in effect may be deposited through the Bank Sweep program with a Program Bank even if the amount of Your Sweep Deposits with the Program Bank, when aggregated with other funds that You maintain in the same insurable category of ownership with the Program Bank, exceeds the SMDIA. You are solely responsible for monitoring the aggregate amount that You have on deposit with each Program Bank in connection with FDIC insurance limits, including through other accounts with VBS. As described in Section 3 above, You have the right to designate Program Banks as ineligible to receive Your Eligible Balances. (As described in Section 3 above, we will notify you of the addition of any Program Banks participating in the Bank Sweep.) If You have other funds on deposit at a Program Bank (outside of the Bank Sweep), You should consider designating that Program Bank as ineligible to receive Your Eligible Balances. VBS

does not monitor or take any responsibility for any funds or deposits You may have at any Program Bank outside the Bank Sweep for the specific VBS Account. Money You hold on deposit with any Program Bank that is separate from Your Sweep Deposit, including any other deposit product offered through VBS or its affiliates that qualifies for FDIC insurance (e.g., certificates of deposit), will not be taken into account in determining whether to sweep Your Eligible Deposit Balances to the Bank through the Bank Sweep product.

In addition, if You have more than one Account with the same category of account ownership, the Sweep Deposits in all such Accounts that enroll in the Bank Sweep will be aggregated in order to determine the amount covered by FDIC insurance. For example, if the SMDIA is \$250,000 and You have \$30,000 in Sweep Deposits in Account 1 and \$30,000 in Sweep Deposits in Account 2 at a particular Program Bank, as well as \$200,000 on deposit with that Program Bank outside of Your Accounts, only \$250,000 of Your \$260,000 will be eligible to be insured by the FDIC. If You have questions about basic FDIC insurance coverage, You may wish to seek advice from Your own attorney, including concerning FDIC insurance coverage of deposits held in more than one insurable capacity. You may also obtain information by contacting the FDIC, Deposit Insurance Outreach, Division of Depositor and Consumer Protection, by letter (550 17th Street, N.W., Washington, D.C. 20429), by phone (877-275-3342 or 800-925-4618 (TDD), by visiting the FDIC Website at www.fdic. gov/deposit/index.html, or by e-mail using the FDIC's On-line Customer Assistance Form available on its website. Disclosures regarding FDIC insurance coverage in these Terms are summary only, do not state all of the requirements and conditions of FDIC insurance, and are subject to, and qualified in their entirety by, regulations and guidance of the FDIC.

15. Additional Vanguard Cash Plus Account Features.

This section sets forth additional information about Your Vanguard Cash Plus Account (the "Cash Plus Account").

15.1 Certain Features and Limitations of the Cash

Plus Account. The Cash Plus Account is a separate brokerage account that complements Your Vanguard Brokerage Account ("VBA") by helping You manage Your cash assets. Although it is a brokerage account, there are features of the VBA that are not available in the Cash Plus Account at this time, including, without limitation the following:

Available Sweep Options. The only Sweep option available for Your Cash Plus Account is the Bank Sweep.

Trading/Holding Securities. The Cash Plus
Account currently offers the ability to invest in
eligible Vanguard money market funds. For more
information, visit https://investor.vanguard.com/accounts-plans/vanguard-cash-plus-account. VBS
reserves the right to reject incoming non-eligible
Securities transfers or remove any non-eligible
Securities that post to a Cash Plus Account.

No Check Writing. Check writing is not an available feature on the Cash Plus Account.

15.2 Transfer Capabilities in the Cash Plus Account.

The Cash Plus Account includes money transfers to and from Your Cash Plus Account using the routing and account number provided by VBS ("Cash Plus Transfers").

Direct Deposits. You can have Your employer, retirement plan or government agency send funds to Your Cash Plus Account. These funds may include, without limitation, some or all of Your wages, Social Security and other government payments, pension and/or 401(k) disbursements, and tax and other refunds.

Direct Payments. You may authorize a third party to pull funds from Your Cash Plus Account by giving the third party the routing and account number. Examples of Direct Payments include, without limitation, paying monthly bills, donating to a charity, and paying businesses for their products or services online or by phone. The third parties You authorize must be located in the United States.

All Cash Plus Transfers will be credited or debited to or from Your Cash Plus Account as a transfer of funds processed through the Electronic Payments Association's ACH network ("ACH Transactions"). These credits and debits are normally subject to the rules of the electronic payments network that processes them, such as the rules of the ACH network. All ACH Transactions must be made between United States banks located in the United States. You cannot request international ACH Transactions. If the available cash in Your Cash Plus Account is insufficient to cover a transaction, VBS will decline it.

15.3 Initial Disclosures Required by Regulation E.

Consumer Liability. Tell Us AT ONCE if You believe the username and password associated with Your Cash Plus Account on vanguard.com ("Your Online Credentials") have been lost or stolen, or if You believe that an unauthorized transaction has been made without Your permission using Your Online Credentials. Telephoning is the best way of keeping Your possible losses down. You could lose all the money in Your Cash Plus Account. If You tell Us within 2 Business Days after You learn of the loss or theft of Your Online Credentials, You can lose no more than \$50 if someone used them without Your permission.

If You do NOT tell Us within 2 Business Days after You learn of the loss or theft of Your Online Credentials, and We can prove We could have stopped someone from using Your Online Credentials without Your permission if You had told Us, You could lose as much as \$500.

Also, if Your statement shows ACH Transactions that You did not make, including those made by the use of Your Online Credentials or other means, tell Us at once. If You do not tell Us within 60 days after the statement was mailed to You, You may not get back any money You lost after the 60 days if We can prove that We could have stopped someone from taking the money if You had told Us in time. If a good reason (such as a long trip or a hospital stay) kept You from telling Us, We may extend the time periods.

Contact in event of unauthorized transaction. If You believe Your Online Credentials have been lost or stolen, call VBS at 800-242-7455 or write to Us at Vanguard Brokerage Services, Attn: Investment Services, P.O. Box 982901, El Paso, TX 79998-2901. You should also call if You believe an unauthorized transaction has been made without Your permission.

Business Days. For purposes of these disclosures, Our Business Days are any day that is not (a) a Saturday or a Sunday or (b) a bank holiday specified in the banking holiday calendar published by the Federal Reserve Bank of New York.

Transfer types and limitations.

Account access. You may, subject to limitations: (i) withdraw from Your Cash Plus Account, (ii) make deposits to Your Cash Plus Account, (iii) transfer funds between Your Cash Plus Account and certain

other brokerage accounts, and (iv) pay bills directly by telephone or electronically from Your Cash Plus Account through third party providers.

Limitations on frequency of ACH Transactions in Your Cash Plus Account. There are no limits on the frequency of ACH Transactions at this time. VBS reserves the right to limit the frequency of ACH Transactions You may perform for security or other reasons, and will notify You of any such restrictions as appropriate.

Limitations on dollar amounts of ACH Transactions in Your Cash Plus Account. Vanguard may restrict the dollar amount of withdrawals from or deposits to Your Cash Plus Account(s). Generally, We will limit withdrawals requested on Our website, or deposits requested on Our website, to \$100,000 in a single Business Day. If You request multiple withdrawals or deposits on our website in a single day, We will process them in the order in which We receive them (including any preauthorized debits You may have established), and We will reject the ACH Transactions that would cause You to exceed the limits as outlined above.

Fees. VBS will not charge You for Cash Plus Transfers. Your bank or a third party payor may charge You fees.

Confidentiality. We will disclose information to third parties about Your Cash Plus Account or the transactions You make:

- Where it is necessary for completing transactions, or
- In order to verify the existence and condition of Your account for a third party, such as a credit bureau or merchant, or
- In order to comply with government agency or court orders, or
- In conformance with Our Privacy Policy, or
- If You give Us Your written permission.

Documentation.

- Preauthorized Credits and Debits. If You have arranged to have credits or debits made directly to/from Your Cash Plus Account, You can log on to Your account at <u>vanguard.com</u> or call VBS at 800-242-7455 to find out whether or not the credit or debit has been made.
- Periodic statements. You will get a monthly
 Cash Plus Account statement, unless there is no
 Brokerage Activity in a particular month. In any
 case, You will get a statement at least quarterly.

Preauthorized payments. VBS will not accept instructions from You to make regular payments out of Your Cash Plus Account on Your behalf. You may, however, be permitted to schedule preauthorized payments with a third party. You may place stop payments on recurring debits for Your Cash Plus Account by calling or writing VBS. You should also notify the third party to whom You gave authorization for the recurring debits to cancel that authorization. If You notify VBS at least 3 Business Days in advance of the scheduled payment, and give Us sufficient information to identify the recurring payment, We will either refuse the debit or refund the amount debited. You may call VBS at 800-242-7455 or write to Us at Vanguard Brokerage Services, Attn: Investment Services, P.O. Box 982901, El Paso, TX 79998-2901.

VBS' Liability. If We do not complete an ACH Transaction to or from Your Cash Plus Account on time or in the correct amount according to Our agreement with You, or if, after proper notice, We do not stop a preauthorized recurring payment, We will be liable for Your losses or damages. However, there are some exceptions. We will not be liable, for instance:

- If, through no fault of Ours, the amount of the ACH
 Transaction You attempt exceeds the available cash
 and sweep fund balances in Your Cash Plus Account,
 excluding those balances that are subject to VBS'
 seven-day hold or that otherwise have been placed
 on hold to ensure payment of previously authorized
 transactions, or are otherwise restricted;
- If the ACH Transaction You attempt exceeds the maximum daily ACH Transaction amount, as described above;
- If circumstances beyond Our control (such as fire, inclement weather, flood or other natural disaster) prevent the ACH Transaction, despite reasonable precautions that We have taken.
- There may be other exceptions stated in Our agreement with You.
- 15.4 Error Resolution Notice. In cases of errors or questions about Your ACH Transactions notify Us as soon as possible, including if You think Your statement or confirmation is wrong or if You need more information about an ACH Transaction listed on the statement or confirmation. We must hear from You no later than 60 days after We sent the FIRST statement on which the problem or error appeared. You may call VBS at 800-242-7455 or

write to Us at Vanguard Brokerage Services, Attn: Investment Services, P.O. Box 982901, El Paso, TX 79998-2901.

- Tell Us Your name and account number.
- Describe the error or the ACH Transaction You are questioning and explain as clearly as You can why You believe it is an error or why You need more information.
- Tell Us the dollar amount of the suspected error.

If You tell Us orally, We may require that You send Us Your complaint or question in writing within 10 Business Days.

We will determine whether an error occurred within 10 Business Days after We hear from You and will correct any error promptly. If We need more time, however, We make take up to 45 days to investigate Your complaint or questions. If We decide to do this, We will credit Your account within 10 Business Days for the amount You think is in error, so that You will have the use of the money during the time it takes Us to complete Our investigation. If We ask You to put Your complaint or question in writing and We do not receive it within 10 Business Days, We may not credit Your account.

For errors involving new accounts, We may take up to 90 days to investigate Your complaint or questions. For new accounts, We may take up to 20 days to credit Your account for the amount You claim is in error.

We will tell You the results within three Business Days after completing Our investigation. If We decide there was no error, We will withdraw any credit we made to Your account and send You a written explanation. You may ask for copies of the documents that We used in Our investigation.



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