

**Item 1: Cover Page  
Part 2A of Form ADV: Firm Brochure  
April 2019**



**SAGE RHINO  
CAPITAL**

Intellectual Honesty

**525 Middlefield Road, Suite 119  
Menlo Park, CA 94025  
[www.SageRhino.com](http://www.SageRhino.com)**

**Firm Contact:  
Caroline Novak  
Chief Compliance Officer**

This brochure provides information about the qualifications and business practices of Sage Rhino Capital, LLC. If clients have any questions about the contents of this brochure, please contact us at (650) 352-5600. The information in this brochure has not been approved or verified by the United States Securities and Exchange Commission or by any State Securities Authority. Additional information about our firm is also available on the SEC's website at [www.adviserinfo.sec.gov](http://www.adviserinfo.sec.gov) by searching CRD #290148.

Please note that the use of the term "registered investment adviser" and description of our firm and/or our associates as "registered" does not imply a certain level of skill or training. Clients are encouraged to review this Brochure and Brochure Supplements for our firm's associates who advise clients for more information on the qualifications of our firm and our employees.

## Item 2: Material Changes

Sage Rhino Capital, LLC is required to make clients aware of information that has changed since the last annual update to the Firm Brochure ("Brochure") and that may be important to them. Clients can then determine whether to review the brochure in its entirety or to contact us with questions about the changes.

Since the last annual amendment filed on 02/02/2018, the following changes have been made:

- Our firm has updated its termination procedures. Please refer to Item 5 for additional information.
- Our firm no longer makes adjustments for deposits and withdrawals during the billing month. Please refer to Item 5 for additional information.
- Our firm no longer charges performance-based fees. Please refer to Item 6 for additional information.
- Principals of our Firm (though not Sage Rhino Capital LLC itself) were involved in and settled a civil action. Please refer to item 9 for additional information.
- Our firm's representatives are no longer insurance licensed. Please refer to Item 10 for additional information.
- Our firm no longer offers referrals to third party money managers as a service. Please refer to Item 4 and 5 for additional information.
- Our firm has updated our asset management service to include the sub-advisory services of a third party investment advisory firm or individual advisor. Please refer to Item 4 and 5 for additional information.

Since the last annual amendment filed on 03/26/2019, the following changes have been made:

- Our firm updated the description for its asset management service. Please refer to item 4 for additional information.
- Our firm updated its assets under management. Please refer to item 4 for additional information.

### Item 3: Table of Contents

Item 1: Cover Page.....	1
Item 2: Material Changes .....	2
Item 3: Table of Contents.....	3
Item 4: Advisory Business .....	4
Item 5: Fees & Compensation .....	6
Item 6: Performance-Based Fees & Side-By-Side Management .....	7
Item 7: Types of Clients & Account Requirements .....	8
Item 8: Methods of Analysis, Investment Strategies & Risk of Loss .....	8
Item 9: Disciplinary Information.....	20
Item 10: Other Financial Industry Activities & Affiliations.....	20
Item 11: Code of Ethics, Participation or Interest in .....	20
Item 12: Brokerage Practices .....	21
Item 13: Review of Accounts or Financial Plans.....	25
Item 14: Client Referrals & Other Compensation .....	26
Item 15: Custody .....	26
Item 16: Investment Discretion .....	27
Item 17: Voting Client Securities.....	27
Item 18: Financial Information .....	28

## Item 4: Advisory Business

Our firm is dedicated to providing individuals and other types of clients with a wide array of investment advisory services. Our firm is a limited liability company formed under the laws of the State of California in 2017 and has been in business as an investment adviser since that time. Our firm is wholly owned by Igor Lotsvin and Caroline Novak.

The purpose of this Brochure is to disclose the conflicts of interest associated with the investment transactions, compensation and any other matters related to investment decisions made by our firm or its representatives. As a fiduciary, it is our duty to always act in the client's best interest. This is accomplished in part by knowing our client. Our firm has established a service-oriented advisory practice with open lines of communication for many different types of clients to help meet their financial goals while remaining sensitive to risk tolerance and time horizons. Working with clients to understand their investment objectives while educating them about our process, facilitates the kind of working relationship we value.

### **Types of Advisory Services Offered**

---

#### **Asset Management:**

As part of our Asset Management service clients will be provided asset management and financial planning or consulting services. This service is designed to assist clients in meeting their financial goals through the use of a financial plan or consultation. Our firm conducts client meetings to understand their current financial situation, existing resources, financial goals, and tolerance for risk. Based on what is learned, an investment approach is presented to the client, consisting of individual stocks, bonds, ETFs, options, mutual funds and other public and private securities or investments. Once the appropriate portfolio has been determined, portfolios are continuously and regularly monitored, and if necessary, rebalanced based upon the client's individual needs, stated goals and objectives. Upon client request, our firm provides a summary of observations and recommendations for the planning or consulting aspects of this service.

Our firm utilizes the sub-advisory services of a third party investment advisory firm or individual advisor to aid in the implementation of an investment portfolio designed by our firm. Before selecting a firm or individual, our firm will ensure that the chosen party is properly licensed or registered.

#### **Financial Planning & Consulting:**

Our firm provides a variety of standalone financial planning and consulting services to clients for the management of financial resources based upon an analysis of current situation, goals, and objectives. Financial planning services will typically involve preparing a financial plan or rendering a financial consultation for clients based on the client's financial goals and objectives. This planning or consulting may encompass Investment Planning, Retirement Planning, Estate Planning, Charitable Planning, Education Planning, Corporate and Personal Tax Planning, Cost Segregation Study, Corporate Structure, Real Estate Analysis, Mortgage/Debt Analysis, Insurance Analysis, Lines of Credit Evaluation, or Business and Personal Financial Planning.

Written financial plans or financial consultations rendered to clients usually include general recommendations for a course of activity or specific actions to be taken by the clients. Implementation of the recommendations will be at the discretion of the client. Our firm provides clients with a summary of their financial situation, and observations for financial planning engagements. Financial consultations are not typically accompanied by a written summary of observations and recommendations, as the process is less formal than the planning service. Assuming that all the information and documents requested from the client are provided promptly, plans or consultations are typically completed within 6 months of the client signing a contract with our firm.

### **Retirement Plan Consulting:**

Our firm provides retirement plan consulting services to employer plan sponsors on an ongoing basis. Generally, such consulting services consist of assisting employer plan sponsors in establishing, monitoring and reviewing their company's participant-directed retirement plan. As the needs of the plan sponsor dictate, areas of advising could include: investment options, plan structure and participant education. Retirement Plan Consulting services typically include:

- Establishing an Investment Policy Statement – Our firm will assist in the development of a statement that summarizes the investment goals and objectives along with the broad strategies to be employed to meet the objectives.
- Investment Options – Our firm will work with the Plan Sponsor to evaluate existing investment options and make recommendations for appropriate changes.
- Asset Allocation and Portfolio Construction – Our firm will develop strategic asset allocation models to aid Participants in developing strategies to meet their investment objectives, time horizon, financial situation and tolerance for risk.
- Investment Monitoring – Our firm will monitor the performance of the investments and notify the client in the event of over/underperformance and in times of market volatility.

In providing services for retirement plan consulting, our firm does not provide any advisory services with respect to the following types of assets: employer securities, real estate (excluding real estate funds and publicly traded REITS), participant loans, non-publicly traded securities or assets, other illiquid investments, or brokerage window programs (collectively, “Excluded Assets”). All retirement plan consulting services shall be in compliance with the applicable state laws regulating retirement consulting services. This applies to client accounts that are retirement or other employee benefit plans (“Plan”) governed by the Employee Retirement Income Security Act of 1974, as amended (“ERISA”). If the client accounts are part of a Plan, and our firm accepts appointment to provide services to such accounts, our firm acknowledges its fiduciary standard within the meaning of Section 3(21) or 3(38) of ERISA as designated by the Retirement Plan Consulting Agreement with respect to the provision of services described therein.

### **Tailoring of Advisory Services**

---

Our firm offers individualized investment advice to our Asset Management clients. General investment advice will be offered to our Financial Planning & Consulting and Retirement Plan Consulting clients. Each Asset Management client has the opportunity to place reasonable restrictions on the types of investments to be held in the portfolio. Restrictions on investments in certain securities or types of securities may not be possible due to the level of difficulty this would entail in managing the account.

## **Participation in Wrap Fee Programs**

---

Our firm does not offer or sponsor a wrap fee program.

## **Regulatory Assets Under Management**

---

As of March 31<sup>st</sup>, 2019, our firm manages \$426,085,931 on a discretionary basis.

# **Item 5: Fees & Compensation**

## **Compensation for Our Advisory Services**

---

### **Asset Management:**

The maximum annual fee that our firm charges for this service will not exceed 1.50%. Fees to be assessed will be outlined in the advisory agreement to be signed by the client. Annualized fees are billed on a monthly basis in advance based on the value of the account(s) on the last day of the previous month. Fees are negotiable and will be deducted from client account(s). In rare cases, our firm will agree to directly invoice. As part of this process, Clients understand the following:

- a) The client's independent custodian sends statements at least monthly showing the market values for each security included in the Assets and all account disbursements, including the amount of the advisory fees paid to our firm;
- b) Clients will provide authorization permitting our firm to be directly paid by these terms. Our firm will send an invoice directly to the custodian; and
- c) If our firm sends a copy of our invoice to the client, legend urging the comparison of information provided in our statement with those from the qualified custodian will be included.

Clients using a third-party investment advisory firm or individual advisor to aid in the implementation of an investment portfolio designed by our firm will pay an additional management fee up to 1.00%. The level of the management fee will vary with the amount of assets under management and the particular investment styles and investment options chosen or recommended. The combined fees will not exceed 2.50%.

### **Financial Planning & Consulting:**

Our firm charges on an hourly or flat fee basis for financial planning and consulting services. The total estimated fee, as well as the ultimate fee charged, is based on the scope and complexity of our engagement with the client. The maximum hourly fee to be charged will not exceed \$500. Flat fees will not exceed \$250,000. The fee-paying arrangements for will be determined on a case-by-case basis and will be detailed in the signed consulting agreement. Our firm will not require a retainer exceeding \$1,200 when services cannot be rendered within 6 months.

### **Retirement Plan Consulting:**

Our Retirement Plan Consulting services are based on the percentage of Plan assets under management. The total estimated fee, as well as the ultimate fee charged, is based on the scope and

complexity of our engagement with the client. Fees based on a percentage of managed Plan assets will not exceed 1.50%. The fee-paying arrangements will be determined on a case-by-case basis and will be detailed in the signed consulting agreement.

### **Other Types of Fees & Expenses**

---

Clients will incur transaction costs in the form of a percentage of the dollar amount of assets in the account(s) in lieu of individual transaction charges by your chosen custodian. These transaction fees are separate from our firm's advisory fees and will be disclosed by the chosen custodian. Clients may also pay holdings charges imposed by the chosen custodian for certain investments, charges imposed directly by a mutual fund, index fund, or exchange traded fund, which shall be disclosed in the fund's prospectus (i.e., fund management fees, initial or deferred sales charges, mutual fund sales loads, 12b-1 fees, surrender charges, variable annuity fees, IRA and qualified retirement plan fees, and other fund expenses), mark-ups and mark-downs, spreads paid to market makers, fees for trades executed away from custodian, wire transfer fees and other fees and taxes on brokerage accounts and securities transactions. Our firm does not receive a portion of these fees.

### **Termination & Refunds**

---

Either Party may terminate the advisory agreement signed with our firm for Asset Management services in writing at any time. Upon notice of termination, our firm will process a pro-rata refund of the unearned portion of the advisory fees charged in advance at the beginning of the month.

Financial Planning & Consulting clients may terminate their agreement at any time before the delivery of a financial plan by providing written notice. For purposes of calculating refunds, all work performed by us up to the point of termination shall be calculated at the hourly fee currently in effect. Clients will receive a pro-rata refund of unearned fees based on the time and effort expended by our firm.

Either party to a Retirement Plan Consulting Agreement may terminate at any time by providing written notice to the other party. Full refunds will only be made in cases where cancellation occurs within 5 business days of signing an agreement. After 5 business days from initial signing, either party must provide the other party 30 days written notice to terminate billing. Billing will terminate 30 days after receipt of termination notice. Clients will be charged on a pro-rata basis, which takes into account work completed by our firm on behalf of the client. Clients will incur charges for bona fide advisory services rendered up to the point of termination (determined as 30 days from receipt of said written notice) and such fees will be due and payable.

### **Commissionable Securities Sales**

---

Our firm and representatives do not sell securities for a commission in advisory accounts.

## **Item 6: Performance-Based Fees & Side-By-Side Management**

Our firm does not charge performance-based fees.

## **Item 7: Types of Clients & Account Requirements**

Our firm has the following types of clients:

- Individuals and High Net Worth Individuals;
- Trusts, Estates or Charitable Organizations;
- Pension and Profit Sharing Plans;
- Corporations, Limited Liability Companies and/or Other Business Types.

Our firm does not impose requirements for opening and maintaining accounts or otherwise engaging us.

## **Item 8: Methods of Analysis, Investment Strategies & Risk of Loss**

The following methods of analysis and investment strategies may be utilized in formulating our investment advice and/or managing client assets, provided that such methods and/or strategies are appropriate to the needs of the client and consistent with the client's investment objectives, risk tolerance, and time horizons, among other considerations.

### **General Risks of Owning Securities**

The prices of securities held in client accounts and the income they generate may decline in response to certain events taking place around the world. These include events directly involving the issuers of securities held as underlying assets of mutual funds in a client's account, conditions affecting the general economy, and overall market changes. Other contributing factors include local, regional, or global political, social, or economic instability and governmental or governmental agency responses to economic conditions. Finally, currency, interest rate, and commodity price fluctuations may also affect security prices and income.

The prices of, and the income generated by, most debt securities held by a client's account may be affected by changing interest rates and by changes in the effective maturities and credit ratings of these securities. For example, the prices of debt securities in the client's account generally will decline when interest rates rise and increase when interest rates fall. In addition, falling interest rates may cause an issuer to redeem, "call" or refinance a security before its stated maturity, which may result in our firm having to reinvest the proceeds in lower yielding securities. Longer maturity debt securities generally have higher rates of interest and may be subject to greater price fluctuations than shorter maturity debt securities. Debt securities are also subject to credit risk, which is the possibility that the credit strength of an issuer will weaken and/or an issuer of a debt security will fail to make timely payments of principal or interest and the security will go into default.

The guarantee of a security backed by the U.S. Treasury or the full faith and credit of the U.S. government only covers the timely payment of interest and principal when held to maturity. This means that the current market values for these securities will fluctuate with changes in interest rates.

Investments in securities issued by entities based outside the United States may be subject to increased levels of the risks described above. Currency fluctuations and controls, different



accounting, auditing, financial reporting, disclosure, regulatory and legal standards and practices could also affect investments in securities of foreign issuers. Additional factors may include expropriation, changes in tax policy, greater market volatility, different securities market structures, and higher transaction costs. Various administrative difficulties, such as delays in clearing and settling portfolio transactions, or in receiving payment of dividends can increase risk. Finally, investments in securities issued by entities domiciled in the United States may also be subject to many of these risks.

## Methods of Analysis

---

Securities analysis methods rely on the assumption that the companies whose securities are purchased and/or sold, the rating agencies that review these securities, and other publicly-available sources of information about these securities, are providing accurate and unbiased data. While our firm is alert to indications that data may be incorrect, there is always a risk that our firm's analysis may be compromised by inaccurate or misleading information.

**Charting:** In this type of technical analysis, our firm reviews charts of market and security activity in an attempt to identify when the market is moving up or down and to predict when how long the trend may last and when that trend might reverse.

**Cyclical Analysis:** Statistical analysis of specific events occurring at a sufficient number of relatively predictable intervals that they can be forecasted into the future. Cyclical analysis asserts that cyclical forces drive price movements in the financial markets. Risks include that cycles may invert or disappear and there is no expectation that this type of analysis will pinpoint turning points, instead be used in conjunction with other methods of analysis.

**Fundamental Analysis:** The analysis of a business's financial statements (usually to analyze the business's assets, liabilities, and earnings), health, and its competitors and markets. When analyzing a stock, futures contract, or currency using fundamental analysis there are two basic approaches one can use: bottom up analysis and top down analysis. The terms are used to distinguish such analysis from other types of investment analysis, such as quantitative and technical. Fundamental analysis is performed on historical and present data, but with the goal of making financial forecasts. There are several possible objectives: (a) to conduct a company stock valuation and predict its probable price evolution; (b) to make a projection on its business performance; (c) to evaluate its management and make internal business decisions; (d) and/or to calculate its credit risk; and (e) to find out the intrinsic value of the share.

When the objective of the analysis is to determine what stock to buy and at what price, there are two basic methodologies investors rely upon: (a) Fundamental analysis maintains that markets may misprice a security in the short run but that the "correct" price will eventually be reached. Profits can be made by purchasing the mispriced security and then waiting for the market to recognize its "mistake" and reprice the security; and (b) Technical analysis maintains that all information is reflected already in the price of a security. Technical analysts analyze trends and believe that sentiment changes predate and predict trend changes. Investors' emotional responses to price movements lead to recognizable price chart patterns. Technical analysts also analyze historical trends to predict future price movement. Investors can use one or both of these different but complementary methods for stock picking. This presents a potential risk, as the price of a security can move up or down along with the overall market regardless of the economic and financial factors considered in evaluating the stock.

**Mutual Fund and/or Exchange Traded Fund (“ETF”) Analysis:** Analysis of the experience and track record of the manager of the mutual fund or ETF in an attempt to determine if that manager has demonstrated an ability to invest over a period of time and in different economic conditions. The underlying assets in a mutual fund or ETF are also reviewed in an attempt to determine if there is significant overlap in the underlying investments held in another fund(s) in the Client’s portfolio. The funds or ETFs are monitored in an attempt to determine if they are continuing to follow their stated investment strategy. A risk of mutual fund and/or ETF analysis is that, as in all securities investments, past performance does not guarantee future results. A manager who has been successful may not be able to replicate that success in the future. In addition, as our firm does not control the underlying investments in a fund or ETF, managers of different funds held by the Client may purchase the same security, increasing the risk to the Client if that security were to fall in value. There is also a risk that a manager may deviate from the stated investment mandate or strategy of the fund or ETF, which could make the holding(s) less suitable for the Client’s portfolio.

**Technical Analysis:** A security analysis methodology for forecasting the direction of prices through the study of past market data, primarily price and volume. A fundamental principle of technical analysis is that a market’s price reflects all relevant information, so their analysis looks at the history of a security’s trading pattern rather than external drivers such as economic, fundamental and news events. Therefore, price action tends to repeat itself due to investors collectively tending toward patterned behavior – hence technical analysis focuses on identifiable trends and conditions. Technical analysts also widely use market indicators of many sorts, some of which are mathematical transformations of price, often including up and down volume, advance/decline data and other inputs. These indicators are used to help assess whether an asset is trending, and if it is, the probability of its direction and of continuation. Technicians also look for relationships between price/volume indices and market indicators. Technical analysis employs models and trading rules based on price and volume transformations, such as the relative strength index, moving averages, regressions, inter-market and intra-market price correlations, business cycles, stock market cycles or, classically, through recognition of chart patterns. Technical analysis is widely used among traders and financial professionals and is very often used by active day traders, market makers and pit traders. The risk associated with this type of analysis is that analysts use subjective judgment to decide which pattern(s) a particular instrument reflects at a given time and what the interpretation of that pattern should be.

**Qualitative Analysis:** A securities analysis that uses subjective judgment based on unquantifiable information, such as management expertise, industry cycles, strength of research and development, and labor relations. Qualitative analysis contrasts with quantitative analysis, which focuses on numbers that can be found on reports such as balance sheets. The two techniques, however, will often be used together in order to examine a company’s operations and evaluate its potential as an investment opportunity. Qualitative analysis deals with intangible, inexact concerns that belong to the social and experiential realm rather than the mathematical one. This approach depends on the kind of intelligence that machines (currently) lack, since things like positive associations with a brand, management trustworthiness, customer satisfaction, competitive advantage and cultural shifts are difficult, arguably impossible, to capture with numerical inputs. A risk in using qualitative analysis is that subjective judgment may prove incorrect.

**Quantitative Analysis:** The use of models, or algorithms, to evaluate assets for investment. The process usually consists of searching vast databases for patterns, such as correlations among liquid assets or price-movement patterns (trend following or mean reversion). The resulting strategies may involve high-frequency trading. The results of the analysis are taken into consideration in the decision to buy or sell securities and in the management of portfolio characteristics. A risk in using

quantitative analysis is that the methods or models used may be based on assumptions that prove to be incorrect.

**Sector Analysis:** Sector analysis involves identification and analysis of various industries or economic sectors that are likely to exhibit superior performance. Academic studies indicate that the health of a stock's sector is as important as the performance of the individual stock itself. In other words, even the best stock located in a weak sector will often perform poorly because that sector is out of favor. Each industry has differences in terms of its customer base, market share among firms, industry growth, competition, regulation and business cycles. Learning how the industry operates provides a deeper understanding of a company's financial health. One method of analyzing a company's growth potential is examining whether the amount of customers in the overall market is expected to grow. In some markets, there is zero or negative growth, a factor demanding careful consideration. Additionally, market analysts recommend that investors should monitor sectors that are nearing the bottom of performance rankings for possible signs of an impending turnaround.

**Third-Party Money Manager Analysis:** The analysis of the experience, investment philosophies, and past performance of independent third-party investment managers in an attempt to determine if that manager has demonstrated an ability to invest over a period of time and in different economic conditions. Analysis is completed by monitoring the manager's underlying holdings, strategies, concentrations and leverage as part of our overall periodic risk assessment. Additionally, as part of the due-diligence process, the manager's compliance and business enterprise risks are surveyed and reviewed. A risk of investing with a third-party manager who has been successful in the past is that they may not be able to replicate that success in the future. In addition, as our firm does not control the underlying investments in a third-party manager's portfolio, there is also a risk that a manager may deviate from the stated investment mandate or strategy of the portfolio, making it a less suitable investment for our clients. Moreover, as our firm does not control the manager's daily business and compliance operations, our firm may be unaware of the lack of internal controls necessary to prevent business, regulatory or reputational deficiencies.

## **Investment Strategies**

---

We use the following strategies in managing client accounts, provided that such strategies are appropriate to the needs of the client and consistent with the client's investment objectives, risk tolerance, and time horizons, among other considerations:

**Alternative Investments:** Hedge funds, commodity pools, Real Estate Investment Trusts ("REITs"), Business Development Companies ("BDCs"), and other alternative investments involve a high degree of risk and can be illiquid due to restrictions on transfer and lack of a secondary trading market. They can be highly leveraged, speculative and volatile, and an investor could lose all or a substantial amount of an investment. Alternative investments may lack transparency as to share price, valuation and portfolio holdings. Complex tax structures often result in delayed tax reporting. Compared to mutual funds, hedge funds and commodity pools are subject to less regulation and often charge higher fees. Alternative investment managers typically exercise broad investment discretion and may apply similar strategies across multiple investment vehicles, resulting in less diversification.

**Asset Allocation:** The implementation of an investment strategy that attempts to balance risk versus reward by adjusting the percentage of each asset in an investment portfolio according to the investor's risk tolerance, goals and investment time frame. Asset allocation is based on the principle that different assets perform differently in different market and economic conditions. A fundamental justification for asset allocation is the notion that different asset classes offer returns that are not

perfectly correlated, hence diversification reduces the overall risk in terms of the variability of returns for a given level of expected return. Although risk is reduced as long as correlations are not perfect, it is typically forecast (wholly or in part) based on statistical relationships (like correlation and variance) that existed over some past period. Expectations for return are often derived in the same way.

An asset class is a group of economic resources sharing similar characteristics, such as riskiness and return. There are many types of assets that may or may not be included in an asset allocation strategy. The "traditional" asset classes are stocks (value, dividend, growth, or sector-specific [or a "blend" of any two or more of the preceding]; large-cap versus mid-cap, small-cap or micro-cap; domestic, foreign [developed], emerging or frontier markets), bonds (fixed income securities more generally: investment-grade or junk [high-yield]; government or corporate; short-term, intermediate, long-term; domestic, foreign, emerging markets), and cash or cash equivalents. Allocation among these three provides a starting point. Usually included are hybrid instruments such as convertible bonds and preferred stocks, counting as a mixture of bonds and stocks. Other alternative assets that may be considered include: commodities: precious metals, nonferrous metals, agriculture, energy, others.; Commercial or residential real estate (also REITs); Collectibles such as art, coins, or stamps; insurance products (annuity, life settlements, catastrophe bonds, personal life insurance products, etc.); derivatives such as long-short or market neutral strategies, options, collateralized debt, and futures; foreign currency; venture capital; private equity; and/or distressed securities.

**Debt Securities (Bonds):** Issuers use debt securities to borrow money. Generally, issuers pay investors periodic interest and repay the amount borrowed either periodically during the life of the security and/or at maturity. Alternatively, investors can purchase other debt securities, such as zero coupon bonds, which do not pay current interest, but rather are priced at a discount from their face values and their values accrete over time to face value at maturity. The market prices of debt securities fluctuate depending on such factors as interest rates, credit quality, and maturity. In general, market prices of debt securities decline when interest rates rise and increase when interest rates fall. Bonds with longer rates of maturity tend to have greater interest rate risks.

Certain additional risk factors relating to debt securities include: (a) When interest rates are declining, investors have to reinvest their interest income and any return of principal, whether scheduled or unscheduled, at lower prevailing rates.; (b) Inflation causes tomorrow's dollar to be worth less than today's; in other words, it reduces the purchasing power of a bond investor's future interest payments and principal, collectively known as "cash flows." Inflation also leads to higher interest rates, which in turn leads to lower bond prices.; (c) Debt securities may be sensitive to economic changes, political and corporate developments, and interest rate changes. Investors can also expect periods of economic change and uncertainty, which can result in increased volatility of market prices and yields of certain debt securities. For example, prices of these securities can be affected by financial contracts held by the issuer or third parties (such as derivatives) relating to the security or other assets or indices. (d) Debt securities may contain redemption or call provisions entitling their issuers to redeem them at a specified price on a date prior to maturity. If an issuer exercises these provisions in a lower interest rate market, the account would have to replace the security with a lower yielding security, resulting in decreased income to investors. Usually, a bond is called at or close to par value. This subjects investors that paid a premium for their bond risk of lost principal. In reality, prices of callable bonds are unlikely to move much above the call price if lower interest rates make the bond likely to be called.; (e) If the issuer of a debt security defaults on its obligations to pay interest or principal or is the subject of bankruptcy proceedings, the account may incur losses or expenses in seeking recovery of amounts owed to it.; (f) There may be little trading in the secondary market for particular debt securities, which may affect adversely the account's ability to value accurately or dispose of such debt securities. Adverse publicity and investor perceptions,

whether or not based on fundamental analysis, may decrease the value and/or liquidity of debt securities.

Our firm attempts to reduce the risks described above through diversification of the client's portfolio and by credit analysis of each issuer, as well as by monitoring broad economic trends and corporate and legislative developments, but there can be no assurance that our firm will be successful in doing so. Credit ratings for debt securities provided by rating agencies reflect an evaluation of the safety of principal and interest payments, not market value risk. The rating of an issuer is a rating agency's view of past and future potential developments related to the issuer and may not necessarily reflect actual outcomes. There can be a lag between the time of developments relating to an issuer and the time a rating is assigned and updated.

**Exchange Traded Funds ("ETFs"):** An ETF is a type of Investment Company (usually, an open-end fund or unit investment trust) whose primary objective is to achieve the same return as a particular market index. The vast majority of ETFs are designed to track an index, so their performance is close to that of an index mutual fund, but they are not exact duplicates. A tracking error, or the difference between the returns of a fund and the returns of the index, can arise due to differences in composition, management fees, expenses, and handling of dividends. ETFs benefit from continuous pricing; they can be bought and sold on a stock exchange throughout the trading day. Because ETFs trade like stocks, you can place orders just like with individual stocks - such as limit orders, good-until-canceled orders, stop loss orders etc. They can also be sold short. Traditional mutual funds are bought and redeemed based on their net asset values ("NAV") at the end of the day. ETFs are bought and sold at the market prices on the exchanges, which resemble the underlying NAV but are independent of it. However, arbitrageurs will ensure that ETF prices are kept very close to the NAV of the underlying securities. Although an investor can buy as few as one share of an ETF, most buy in board lots. Anything bought in less than a board lot will increase the cost to the investor. Anyone can buy any ETF no matter where in the world it trades. This provides a benefit over mutual funds, which generally can only be bought in the country in which they are registered.

One of the main features of ETFs are their low annual fees, especially when compared to traditional mutual funds. The passive nature of index investing, reduced marketing, and distribution and accounting expenses all contribute to the lower fees. However, individual investors must pay a brokerage commission to purchase and sell ETF shares; for those investors who trade frequently, this can significantly increase the cost of investing in ETFs. That said, with the advent of low-cost brokerage fees, small or frequent purchases of ETFs are becoming more cost efficient.

**Fixed Income:** Fixed income is a type of investing or budgeting style for which real return rates or periodic income is received at regular intervals and at reasonably predictable levels. Fixed-income investors are typically retired individuals who rely on their investments to provide a regular, stable income stream. This demographic tends to invest heavily in fixed-income investments because of the reliable returns they offer. Fixed-income investors who live on set amounts of periodically paid income face the risk of inflation eroding their spending power.

Some examples of fixed-income investments include treasuries, money market instruments, corporate bonds, asset-backed securities, municipal bonds and international bonds. The primary risk associated with fixed-income investments is the borrower defaulting on his payment. Other considerations include exchange rate risk for international bonds and interest rate risk for longer-dated securities. The most common type of fixed-income security is a bond. Bonds are issued by federal governments, local municipalities and major corporations. Fixed-income securities are recommended for investors seeking a diverse portfolio; however, the percentage of the portfolio

dedicated to fixed income depends on your own personal investment style. There is also an opportunity to diversify the fixed-income component of a portfolio. Riskier fixed-income products, such as junk bonds and longer-dated products, should comprise a lower percentage of your overall portfolio.

The interest payment on fixed-income securities is considered regular income and is determined based on the creditworthiness of the borrower and current market rates. In general, bonds and fixed-income securities with longer-dated maturities pay a higher rate, also referred to as the coupon rate, because they are considered riskier. The longer the security is on the market, the more time it has to lose its value and/or default. At the end of the bond term, or at bond maturity, the borrower returns the amount borrowed, also referred to as the principal or par value.

**Futures:** Futures are financial contracts obligating the buyer to purchase an asset or the seller to sell an asset, such as a physical commodity or a financial instrument, at a predetermined future date and price. Futures contracts detail the quality and quantity of the underlying asset; they are standardized to facilitate trading on a futures exchange. Some futures contracts may call for physical delivery of the asset, while others are settled in cash. The futures markets are characterized by the ability to use very high leverage relative to stock markets. Futures can be used to hedge or speculate on the price movement of the underlying asset. For example, a producer of corn could use futures to lock in a certain price and reduce risk, or anybody could speculate on the price movement of corn by going long or short using futures.

Futures contracts are used to manage potential movements in the prices of the underlying assets. If market participants anticipate an increase in the price of an underlying asset in the future, they could potentially gain by purchasing the asset in a futures contract and selling it later at a higher price on the spot market or profiting from the favorable price difference through cash settlement. However, they could also lose if an asset's price is eventually lower than the purchase price specified in the futures contract. Conversely, if the price of an underlying asset is expected to fall, some may sell the asset in a futures contract and buy it back later at a lower price on the spot.

The purpose of hedging is not to gain from favorable price movements but prevent losses from potentially unfavorable price changes and in the process, maintain a predetermined financial result as permitted under the current market price. To hedge, someone is in the business of actually using or producing the underlying asset in a futures contract. When there is a gain from the futures contract, there is always a loss from the spot market, or vice versa. With such a gain and loss offsetting each other, the hedging effectively locks in the acceptable, current market price.

**Index Fund:** A mutual fund or exchange-traded fund ("ETF") designed to follow certain preset rules so that the fund can track specified basket of underlying investments. Those rules may include tracking prominent indexes like the S&P 500 or the Dow Jones Industrial Average or implementation rules, such as tax-management, tracking error minimization, large block trading or patient/flexible trading strategies that allows for greater tracking error, but lower market impact costs. Index funds may also have rules that screen for social and sustainable criteria. An index fund's rules of construction clearly identify the type of companies suitable for the fund. The most commonly known index fund, the S&P 500 Index Fund, is based on the rules established by S&P Dow Jones Indices for their S&P 500 Index. Equity index funds would include groups of stocks with similar characteristics such as the size, value, profitability and/or the geographic location of the companies. A group of stocks may include companies from the United States, Non-US Developed, emerging markets or Frontier Market countries. Additional index funds within these geographic markets may include indexes of companies that include rules based on company characteristics or factors, such as companies that are small, mid-sized, large, small value, large value, small growth, large growth, the

level of gross profitability or investment capital, real estate, or indexes based on commodities and fixed-income. Companies are purchased and held within the index fund when they meet the specific index rules or parameters and are sold when they move outside of those rules or parameters. Think of an index fund as an investment utilizing rules-based investing. Some index providers announce changes of the companies in their index before the change date and other index providers do not make such announcements.

Index funds must periodically "rebalance" or adjust their portfolios to match the new prices and market capitalization of the underlying securities in the stock or other indexes that they track. This allows algorithmic traders to perform index arbitrage by anticipating and trading ahead of stock price movements caused by mutual fund rebalancing, making a profit on foreknowledge of the large institutional block orders. This results in profits transferred from investors to algorithmic traders. One problem occurs when a large amount of money tracks the same index. According to theory, a company should not be worth more when it is in an index. But due to supply and demand, a company being added can have a demand shock, and a company being deleted can have a supply shock, and this will change the price. This does not show up in tracking error since the index is also affected. A fund may experience less impact by tracking a less popular index.

**Individual Stocks:** A common stock is a security that represents ownership in a corporation. Holders of common stock exercise control by electing a board of directors and voting on corporate policy. Investing in individual common stocks provides us with more control of what you are invested in and when that investment is made. Having the ability to decide when to buy or sell helps us time the taking of gains or losses. Common stocks, however, bear a greater amount of risk when compared to certificate of deposits, preferred stock and bonds. It is typically more difficult to achieve diversification when investing in individual common stocks. Additionally, common stockholders are on the bottom of the priority ladder for ownership structure; if a company goes bankrupt, the common stockholders do not receive their money until the creditors and preferred shareholders have received their respective share of the leftover assets.

**Long-Term Purchases:** Our firm may buy securities for your account and hold them for a relatively long time (more than a year) in anticipation that the security's value will appreciate over a long horizon. The risk of this strategy is that our firm could miss out on potential short-term gains that could have been profitable to your account, or it's possible that the security's value may decline sharply before our firm make a decision to sell.

**Master Limited Partnerships ("MLPs"):** MLPs are publicly traded partnerships that trade mainly on the New York Stock Exchange and/or the NASDAQ, the same as stocks. With a few exceptions, MLPs hold and operate assets related to the transportation and storage of energy (certain MLPs may have commodity risk). Most publicly traded companies are corporations. Corporate earnings are usually taxed twice. The business entity is taxed on any money it makes and then shareholders are taxed on the earnings the company distributes to them. In the 1980s, Congress allowed public trading of certain types of companies as partnerships instead of corporations. The main advantage a partnership has over a corporation is that partnerships are "pass through" entities for tax purposes. This means that the company does not pay any tax on its earnings. Distributions are still taxed, but this avoids the problem of double taxation that most publicly traded companies face. Congress requires that any company designated as an MLP has to produce 90% of its earnings from "qualified resources" (natural resources and real estate). Most MLPs are involved in energy infrastructure, i.e. things like pipelines. MLPs are required to pay minimum quarterly distributions to limited partners. A contract establishes the payments, so distributions are predictable. Otherwise, the shareholders could find the company in breach of contract.

MLPs bear three primary risks: (a) The government could step in and change the rules of the game. That can always happen. Since one of the main advantages of these securities is their tax advantages, this poses a considerable risk for an investor.; (b) It is commonly thought that these types of investments do better when interest rates are low, making their yield higher in relation to the safest investments, such as Treasury bills and securities that are guaranteed by the U.S. government. Consequently, MLPs may perform better during periods of declining or relative low interest rates and more poorly during periods of rising or high interest rates.; and (c) MLPs are pass-through entities, passing earnings through to the limited partners. Investors must be aware that there are potentially significant tax implications of investing in MLPs and they should consult with their tax advisor before investing in these securities.

**Options:** An option is a financial derivative that represents a contract sold by one party (the option writer) to another party (the option holder). The contract offers the buyer the right, but not the obligation, to buy (call) or sell (put) a security or other financial asset at an agreed-upon price (the strike price) during a certain period of time or on a specific date (exercise date). Options are extremely versatile securities. Traders use options to speculate, which is a relatively risky practice, while hedgers use options to reduce the risk of holding an asset.

**Real Estate Investment Trusts ("REITs"):** REITs primarily invest in real estate or real estate-related loans. Equity REITs own real estate properties, while mortgage REITs hold construction, development and/or long-term mortgage loans. Changes in the value of the underlying property of the trusts, the creditworthiness of the issuer, property taxes, interest rates, tax laws, and regulatory requirements, such as those relating to the environment all can affect the values of REITs. Both types of REITs are dependent upon management skill, the cash flows generated by their holdings, the real estate market in general, and the possibility of failing to qualify for any applicable pass-through tax treatment or failing to maintain any applicable exemptive status afforded under relevant laws.

**Short Sales:** A short sale is a transaction in which an investor sells borrowed securities in anticipation of a price decline and is required to return an equal number of shares at some point in the future. These transactions have a number of risks that make it highly unsuitable for the novice investor. This strategy has a slanted payoff ratio in that the maximum gain (which would occur if the shorted stock was to plunge to zero) is limited, but the maximum loss is theoretically infinite (since stocks can in theory go up infinitely in price). The following risks should be considered: (1) In addition to trading commissions, other costs with short selling include that of borrowing the security to short it, as well as interest payable on the margin account that holds the shorted security. (2) The short seller is responsible for making dividend payments on the shorted stock to the entity from whom the stock has been borrowed. (3) Stocks with very high short interest may occasionally surge in price. This usually happens when there is a positive development in the stock, which forces short sellers to buy the shares back to close their short positions. Heavily shorted stocks are also susceptible to "buy-ins," which occur when a broker closes out short positions in a difficult-to-borrow stock whose lenders are demanding it back. (4) Regulators may impose bans on short sales in a specific sector or even in the broad market to avoid panic and unwarranted selling pressure. Such actions can cause a spike in stock prices, forcing the short seller to cover short positions at huge losses. (5) Unlike the "buy-and-hold" investor who can afford to wait for an investment to work out, the short seller does not have the luxury of time because of the many costs and risks associated with short selling. Timing is everything when it comes to shorting. (5) Short selling should only be undertaken by experienced traders who have the discipline to cut a losing short position, rather than add to it hoping that it will eventually work out.



## **Risk of Loss**

---

Investing in securities involves risk of loss that clients should be prepared to bear. While the stock market may increase and the account(s) could enjoy a gain, it is also possible that the stock market may decrease and the account(s) could suffer a loss. It is important that clients understand the risks associated with investing in the stock market, and that their assets are appropriately diversified in investments. Clients are encouraged to ask our firm any questions regarding their risk tolerance.

**Capital Risk:** Capital risk is one of the most basic, fundamental risks of investing; it is the risk that you may lose 100% of your money. All investments carry some form of risk and the loss of capital is generally a risk for any investment instrument.

**Company Risk:** When investing in stock positions, there is always a certain level of company or industry specific risk that is inherent in each investment. This is also referred to as unsystematic risk and can be reduced through appropriate diversification. There is the risk that the company will perform poorly or have its value reduced based on factors specific to the company or its industry. For example, if a company's employees go on strike or the company receives unfavorable media attention for its actions, the value of the company may be reduced.

**Credit Risk:** Credit risk can be a factor in situations where an investment's performance relies on a borrower's repayment of borrowed funds. With credit risk, an investor can experience a loss or unfavorable performance if a borrower does not repay the borrowed funds as expected or required. Investment holdings that involve forms of indebtedness (i.e. borrowed funds) are subject to credit risk.

**Currency Risk:** Fluctuations in the value of the currency in which your investment is denominated may affect the value of your investment and thus, your investment may be worth more or less in the future. All currency is subject to swings in valuation and thus, regardless of the currency denomination of any particular investment you own, currency risk is a realistic risk measure. That said, currency risk is generally a much larger factor for investment instruments denominated in currencies other than the most widely used currencies (U.S. Dollar, British Pound, German Mark, Euro, Japanese Yen, French Franc, etc.).

**Defensive Strategy Risk:** Defensive strategies are primarily used in periods of high volatility or economic uncertainty and aimed at reducing exposure to the equity market. Our goal is simply to help our clients achieve their financial goals, regardless of market conditions. If our firm forecasts a prolonged and substantial downturn for the equity markets, it may adopt a defensive strategy for clients' growth allocation by investing substantially in money market securities and/or short term fixed income securities. There can be no guarantee that our firm will accurately forecast any prolonged and substantial downturn in the equity markets, or that the use defensive techniques would be successful in avoiding losses. The use of defensive strategies could result in a negative outcome for a client. A few negative consequences could be high turnover, re-entry in the same security at a higher price, loss of growth if the equity markets move up, high tax liability within taxable accounts and higher trading cost.

**Economic Risk:** The prevailing economic environment is important to the health of all businesses. Some companies, however, are more sensitive to changes in the domestic or global economy than others. These types of companies are often referred to as cyclical businesses. Countries in which a large portion of businesses are in cyclical industries are thus also very economically sensitive and carry a higher amount of economic risk. If an investment is issued by a party located in a country that

experiences wide swings from an economic standpoint or in situations where certain elements of an investment instrument are hinged on dealings in such countries, the investment instrument will generally be subject to a higher level of economic risk.

**Equity (Stock) Market Risk:** Common stocks are susceptible to general stock market fluctuations and to volatile increases and decreases in value as market confidence in and perceptions of their issuers change. If you held common stock, or common stock equivalents, of any given issuer, you would generally be exposed to greater risk than if you held preferred stocks and debt obligations of the issuer.

**ETF & Mutual Fund Risk:** When investing in an ETF or mutual fund, you will bear additional expenses based on your pro rata share of the ETF's or mutual fund's operating expenses, including the potential duplication of management fees. The risk of owning an ETF or mutual fund generally reflects the risks of owning the underlying securities the ETF or mutual fund holds. Clients will also incur brokerage costs when purchasing ETFs.

**Financial Risk:** Financial risk is represented by internal disruptions within an investment or the issuer of an investment that can lead to unfavorable performance of the investment. Examples of financial risk can be found in cases like Enron or many of the dot com companies that were caught up in a period of extraordinary market valuations that were not based on solid financial footings of the companies.

**Fixed Income Securities Risk:** Typically, the values of fixed-income securities change inversely with prevailing interest rates. Therefore, a fundamental risk of fixed-income securities is interest rate risk, which is the risk that their value will generally decline as prevailing interest rates rise, which may cause your account value to likewise decrease, and vice versa. How specific fixed income securities may react to changes in interest rates will depend on the specific characteristics of each security. Fixed-income securities are also subject to credit risk, prepayment risk, valuation risk, and liquidity risk. Credit risk is the chance that a bond issuer will fail to pay interest and principal in a timely manner, or that negative perceptions of the issuer's ability to make such payments will cause the price of a bond to decline.

**Higher Trading Costs:** For any investment instrument or strategy that involves active or frequent trading, you may experience larger than usual transaction-related costs. Higher transaction-related costs can negatively affect overall investment performance.

**Inflation Risk:** Inflation risk involves the concern that in the future, your investment or proceeds from your investment will not be worth what they are today. Throughout time, the prices of resources and end-user products generally increase and thus, the same general goods and products today will likely be more expensive in the future. The longer an investment is held, the greater the chance that the proceeds from that investment will be worth less in the future than what they are today. Said another way, a dollar tomorrow will likely get you less than what it can today.

**Interest Rate Risk:** Certain investments involve the payment of a fixed or variable rate of interest to the investment holder. Once an investor has acquired or has acquired the rights to an investment that pays a particular rate (fixed or variable) of interest, changes in overall interest rates in the market will affect the value of the interest-paying investment(s) they hold. In general, changes in prevailing interest rates in the market will have an inverse relationship to the value of existing, interest paying investments. In other words, as interest rates move up, the value of an instrument paying a particular rate (fixed or variable) of interest will go down. The reverse is generally true as well.

**Legal/Regulatory Risk:** Certain investments or the issuers of investments may be affected by changes in state or federal laws or in the prevailing regulatory framework under which the investment instrument or its issuer is regulated. Changes in the regulatory environment or tax laws can affect the performance of certain investments or issuers of those investments and thus, can have a negative impact on the overall performance of such investments.

**Liquidity Risk:** Certain assets may not be readily converted into cash or may have a very limited market in which they trade. Thus, you may experience the risk that your investment or assets within your investment may not be able to be liquidated quickly, thus, extending the period of time by which you may receive the proceeds from your investment. Liquidity risk can also result in unfavorable pricing when exiting (i.e. not being able to quickly get out of an investment before the price drops significantly) a particular investment and therefore, can have a negative impact on investment returns.

**Manager Risk:** There is always the possibility that poor security selection will cause your investments to underperform relative to benchmarks or other funds with a similar investment objective.

**Market Risk:** The value of your portfolio may decrease if the value of an individual company or multiple companies in the portfolio decreases or if our belief about a company's intrinsic worth is incorrect. Further, regardless of how well individual companies perform, the value of your portfolio could also decrease if there are deteriorating economic or market conditions. It is important to understand that the value of your investment may fall, sometimes sharply, in response to changes in the market, and you could lose money. Investment risks include price risk as may be observed by a drop in a security's price due to company specific events (e.g. earnings disappointment or downgrade in the rating of a bond) or general market risk (e.g. such as a "bear" market when stock values fall in general). For fixed-income securities, a period of rising interest rates could erode the value of a bond since bond values generally fall as bond yields go up. Past performance is not a guarantee of future returns.

**Market Timing Risk:** Market timing can include high risk of loss since it looks at an aggregate market versus a specific security. Timing risk explains the potential for missing out on beneficial movements in price due to an error in timing. This could cause harm to the value of an investor's portfolio because of purchasing too high or selling too low.

**Operational Risk:** Operational risk can be experienced when an issuer of an investment product is unable to carry out the business it has planned to execute. Operational risk can be experienced as a result of human failure, operational inefficiencies, system failures, or the failure of other processes critical to the business operations of the issuer or counter party to the investment.

**Options Risk:** Options on securities may be subject to greater fluctuations in value than an investment in the underlying securities. Purchasing and writing put and call options are highly specialized activities and entail greater than ordinary investment risks.

**Past Performance:** Charting and technical analysis are often used interchangeably. Technical analysis generally attempts to forecast an investment's future potential by analyzing its past performance and other related statistics. In particular, technical analysis often times involves an evaluation of historical pricing and volume of a particular security for the purpose of forecasting where future price and volume figures may go. As with any investment analysis method, technical analysis runs the risk of not knowing the future and thus, investors should realize that even the most

diligent and thorough technical analysis cannot predict or guarantee the future performance of any particular investment instrument or issuer thereof.

### **Description of Material, Significant or Unusual Risks**

Our firm generally invests client cash balances in money market funds, FDIC Insured Certificates of Deposit, high-grade commercial paper and/or government backed debt instruments. Ultimately, our firm tries to achieve the highest return on client cash balances through relatively low-risk conservative investments. In most cases, at least a partial cash balance will be maintained in a money market account so that our firm may debit advisory fees for our services related to our Asset Management services, as applicable.

### **Item 9: Disciplinary Information**

In December 2018, the San Francisco City Attorney (“City”) filed a complaint against Caroline Novak and Igor Lotsvin alleging, among other things, that their purchase, ownership, use, maintenance and management of a below market rate apartment unit violated certain requirements of the City’s Inclusionary Affordable Housing Program which, among other things, precluded rental of the unit at any time. These alleged violations in turn gave rise to other allegations of various code violations.

Novak and Lotsvin strongly disagreed with the City’s position and believed its case was entirely without merit. However, to avoid the distraction and costs of protracted litigation, they chose to settle the matter. As a result, the case was dismissed, with prejudice, and there were no findings of violations against Novak or Lotsvin. Novak and Lotsvin agreed to, among other things, sell the unit and to pay the City a total settlement sum of \$350,000.

The action pertained only to the principals of the Firm and not Sage Rhino Capital LLC in any way. The allegations did not involve the purchase or sale of any securities, commodities or insurance, nor in the view of Novak and Lotsvin did they involve any other investment related activity. While Novak and Lotsvin do not believe that this matter is reportable, it is nonetheless being disclosed in the spirit of full disclosure and in an overabundance of caution.

### **Item 10: Other Financial Industry Activities & Affiliations**

Please see Item 4 above for more information about the selection of third party money managers. Prior to referring clients to third party advisors, our firm will ensure that third party advisors are licensed or notice filed with the respective authorities.

### **Item 11: Code of Ethics, Participation or Interest in Client Transactions & Personal Trading**

As a fiduciary, it is an investment adviser’s responsibility to provide fair and full disclosure of all material facts and to act solely in the best interest of each of our clients at all times. Our fiduciary duty is the

underlying principle for our firm's Code of Ethics, which includes procedures for personal securities transaction and insider trading. Our firm requires all representatives to conduct business with the highest level of ethical standards and to comply with all federal and state securities laws at all times. Upon employment with our firm, and at least annually thereafter, all representatives of our firm will acknowledge receipt, understanding and compliance with our firm's Code of Ethics. Our firm and representatives must conduct business in an honest, ethical, and fair manner and avoid all circumstances that might negatively affect or appear to affect our duty of complete loyalty to all clients. This disclosure is provided to give all clients a summary of our Code of Ethics. If a client or a potential client wishes to review our Code of Ethics in its entirety, a copy will be provided promptly upon request.

Our firm recognizes that the personal investment transactions of our representatives demands the application of a Code of Ethics with high standards and requires that all such transactions be carried out in a way that does not endanger the interest of any client. At the same time, our firm also believes that if investment goals are similar for clients and for our representatives, it is logical, and even desirable, that there be common ownership of some securities.

In order to prevent conflicts of interest, our firm has established procedures for transactions effected by our representatives for their personal accounts<sup>1</sup>. In order to monitor compliance with our personal trading policy, our firm has pre-clearance requirements and a quarterly securities transaction reporting system for all of our representatives.

Neither our firm nor a related person recommends, buys or sells for client accounts, securities in which our firm or a related person has a material financial interest without prior disclosure to the client.

Related persons of our firm may buy or sell securities and other investments that are also recommended to clients. In order to minimize this conflict of interest, our related persons will place client interests ahead of their own interests and adhere to our firm's Code of Ethics, a copy of which is available upon request.

Likewise, related persons of our firm buy or sell securities for themselves at or about the same time they buy or sell the same securities for client accounts. In order to minimize this conflict of interest, our related persons will place client interests ahead of their own interests and adhere to our firm's Code of Ethics, a copy of which is available upon request. Further, our related persons will refrain from buying or selling the same securities prior to buying or selling for our clients in the same day unless included in a block trade.

## **Item 12: Brokerage Practices**

Our firm does not maintain custody of client assets (although our firm may be deemed to have custody of client assets if given the authority to withdraw assets from client accounts. See Item 15 Custody, below). Client assets must be maintained in an account at a "qualified custodian," generally a broker-dealer or bank. Our firm recommends that clients utilize National Financial Services LLC and Fidelity Brokerage Services LLC (collectively, and together with all affiliates, "Fidelity") or Charles Schwab & Co.,

<sup>1</sup> For purposes of the policy, our associate's personal account generally includes any account (a) in the name of our associate, his/her spouse, his/her minor children or other dependents residing in the same household, (b) for which our associate is a trustee or executor, or (c) which our associate controls, including our client accounts which our associate controls and/or a member of his/her household has a direct or indirect beneficial interest in.

Inc. (“Schwab”) (all as “Custodians”), members FINRA/SIPC, qualified custodians from whom our firm is independently owned and operated. The Custodians will hold client assets and buy and sell securities when instructed. While our firm recommends that clients use the Custodians, clients will decide whether to do so and open an account with the Custodians by entering into an account agreement directly with them. Our firm does not open the account. Even though the account is maintained by the Custodians, our firm can still use other brokers to execute trades. The Custodians offer services to independent investment advisers which includes custody of securities, trade execution, clearance and settlement of transactions.

The Custodians may charge client accounts a percentage of the dollar amount of assets in the account in lieu of commissions or individual transaction costs. The Custodians’ commission rates, transaction costs and/or asset-based fees applicable to client accounts were negotiated based on our firm’s commitment to maintain a minimum threshold of assets statement equity in accounts with the Custodians. This commitment benefits clients because the overall commission rates, transaction costs and/or asset-based fees paid are lower than they would be if our firm had not made the commitment.

### **How Custodians Are Selected**

Our firm seeks to recommend a custodian who will hold client assets and execute transactions on terms that are overall most advantageous when compared to other available providers and their services. A wide range of factors are considered, including, but not limited to:

- combination of transaction execution services along with asset custody services (generally without a separate fee for custody)
- capability to execute, clear and settle trades (buy and sell securities for client accounts)
- capabilities to facilitate transfers and payments to and from accounts (wire transfers, check requests, bill payment, etc.)
- breadth of investment products made available (stocks, bonds, mutual funds, exchange traded funds (ETFs), etc.)
- availability of investment research and tools that assist in making investment decisions
- quality of services
- competitiveness of the price of those services (commission rates, margin interest rates, other fees, etc.) and willingness to negotiate them
- reputation, financial strength and stability of the provider
- prior service to our firm and our other clients
- availability of other products and services that benefit our firm, as discussed below.

### **Custody & Brokerage Costs**

The Custodians generally do not charge a separate fee for custody services but are compensated by charging commissions or other fees to clients on trades that are executed or that settle into the account. In addition to commissions, the Custodians charge a flat dollar amount as a “prime broker” or “trade away” fee for each trade that our firm has executed by a different broker-dealer but where the securities bought or the funds from the securities sold are deposited (settled) into an account. These fees are in addition to the commissions or other compensation paid to the executing broker-dealer. Because of this, in order to minimize client trading costs, our firm has the Custodians execute most trades for the accounts.

## **Products & Services Available**

The Custodians provide our firm and clients with access to its institutional brokerage – trading, custody, reporting and related services – many of which are not typically available to retail customers. The Custodians also make available various support services. Some of those services help manage or administer our client accounts while others help manage and grow our business. The support services are generally available on an unsolicited basis (our firm does not have to request them) and at no charge to our firm. The availability of these products and services is not based on the provision of particular investment advice, such as purchasing particular securities for clients. Here is a more detailed description of the support services:

### **Services that Benefit Clients**

Brokerage services include access to a broad range of investment products, execution of securities transactions, and custody of client assets. The investment products available include some to which our firm might not otherwise have access or that would require a significantly higher minimum initial investment by firm clients. The services described in this paragraph generally benefit clients and their accounts.

### **Services that May Not Directly Benefit Clients**

The Custodians also make available other products and services that benefit our firm but may not directly benefit clients or their accounts. These products and services assist in managing and administering our client accounts, including investment research. This research may be used to service all or some substantial number of client accounts, including accounts not maintained at the Custodians. In addition to investment research, software and other technology is made available that:

- provides access to client account data (such as duplicate trade confirmations and account statements);
- facilitates trade execution and allocate aggregated trade orders for multiple client accounts;
- provides pricing and other market data;
- facilitates payment of our fees from our clients' accounts; and
- assists with back-office functions, recordkeeping and client reporting.

### **Services that Generally Benefit Only Our Firm**

The Custodians also offer other services intended to help manage and further develop our business enterprise. These services include:

- educational conferences and events
- technology, compliance, legal, and business consulting;
- publications and conferences on practice management and business succession; and
- access to employee benefits providers, human capital consultants and insurance providers.

The Custodians may provide some of these services themselves. In other cases, the Custodians will arrange for third-party vendors to provide the services to our firm. The Custodians may also discount or waive fees for some of these services or pay all or a part of a third party's fees. The Custodians may also provide our firm with other benefits, such as occasional business entertainment for our personnel.

Irrespective of direct or indirect benefits to our client, our firm strives to enhance the client experience, help clients reach their goals and put client interests before that of our firm or associated persons.

### **Our Interest in the Custodians' Services.**

The availability of these services from the Custodians benefit our firm because our firm does not have to produce or purchase them. Our firm does not have to pay for these services, and they are not contingent upon committing any specific amount of business to the Custodians in trading commissions or assets in custody.

In light of these arrangements, a conflict of interest exists as our firm may have incentive to require that clients maintain their accounts with the Custodians based on our interest in receiving services that benefit our firm rather than based on client interest in receiving the best value in custody services and the most favorable execution of transactions. As part of our fiduciary duty to our clients, our firm will endeavor at all times to put the interests of our clients first. Clients should be aware, however, that the receipt of economic benefits by our firm or our related persons creates a potential conflict of interest and may indirectly influence our firm's choice of the Custodians as a custodial recommendation. Our firm examined this potential conflict of interest when our firm chose to recommend the Custodians and have determined that the recommendation is in the best interest of our firm's clients and satisfies our fiduciary obligations, including our duty to seek best execution.

In seeking best execution, the determinative factor is not the lowest possible cost, but whether the transaction represents the best qualitative execution, taking into consideration the full range of a broker-dealer's services, including the value of research provided, execution capability, commission rates, and responsiveness. Although our firm will seek competitive rates, to the benefit of all clients, our firm may not necessarily obtain the lowest possible commission rates for specific client account transactions. Our firm believes that the selection of the Custodians as a custodian and broker is the best interest of our clients. It is primarily supported by the scope, quality and price of services, and not the Custodians' services that only benefit our firm.

### **Client Brokerage Commissions**

---

The Custodians do not make client brokerage commissions generated by client transactions available for our firm's use. Our firm does not direct client transactions to a particular broker-dealer in return for soft dollar benefits. Our firm does not receive brokerage for client referrals.

### **Directed Brokerage**

---

In certain instances, clients may seek to limit or restrict our discretionary authority in making the determination of the brokers with whom orders for the purchase or sale of securities are placed for execution, and the commission rates at which such securities transactions are effected. Clients may seek to limit our authority in this area by directing that transactions (or some specified percentage of transactions) be executed through specified brokers in return for portfolio evaluation or other services deemed by the client to be of value. Any such client direction must be in writing (often through our advisory agreement) and may contain a representation from the client that the arrangement is permissible under its governing laws and documents, if this is relevant.

Our firm provides appropriate disclosure in writing to clients who direct trades to particular brokers, that with respect to their directed trades, they will be treated as if they have retained the investment



discretion that our firm otherwise would have in selecting brokers to effect transactions and in negotiating commissions and that such direction may adversely affect our ability to obtain best price and execution. In addition, our firm will inform clients in writing that the trade orders may not be aggregated with other clients' orders and that direction of brokerage may hinder best execution.

### **Special Considerations for ERISA Clients**

A retirement or ERISA plan client may direct all or part of portfolio transactions for its account through a specific broker or dealer in order to obtain goods or services on behalf of the plan. Such direction is permitted provided that the goods and services provided are reasonable expenses of the plan incurred in the ordinary course of its business for which it otherwise would be obligated and empowered to pay. ERISA prohibits directed brokerage arrangements when the goods or services purchased are not for the exclusive benefit of the plan. Consequently, our firm will request that plan sponsors who direct plan brokerage provide us with a letter documenting that this arrangement will be for the exclusive benefit of the plan.

### **Client-Directed Brokerage**

---

Our firm allows clients to direct brokerage outside our recommendation. Our firm may be unable to achieve the most favorable execution of client transactions. Client directed brokerage may cost clients more money. For example, in a directed brokerage account, clients may pay higher brokerage commissions because our firm may not be able to aggregate orders to reduce transaction costs, or clients may receive less favorable prices.

### **Aggregation of Purchase or Sale**

---

Our firm provides investment management services for various clients. There are occasions on which portfolio transactions may be executed as part of concurrent authorizations to purchase or sell the same security for numerous accounts served by our firm, which involve accounts with similar investment objectives. Although such concurrent authorizations potentially could be either advantageous or disadvantageous to any one or more particular accounts, they are affected only when our firm believes that to do so will be in the best interest of the effected accounts. When such concurrent authorizations occur, the objective is to allocate the executions in a manner which is deemed equitable to the accounts involved. In any given situation, our firm attempts to allocate trade executions in the most equitable manner possible, taking into consideration client objectives, current asset allocation and availability of funds using price averaging, proration and consistently non-arbitrary methods of allocation.

## **Item 13: Review of Accounts or Financial Plans**

Our management personnel or financial advisors review accounts on at least an annual basis for our Asset Management and Third Party Money Management clients. The nature of these reviews is to learn whether client accounts are in line with their investment objectives, appropriately positioned based on market conditions, and investment policies, if applicable. Our firm does not provide written reports to clients, unless asked to do so. Verbal reports to clients take place on at least an annual basis when our Asset Management and Third Party Money Management clients are contacted. Our firm may review client accounts more frequently than described above. Among the factors which may

trigger an off-cycle review are major market or economic events, the client's life events, requests by the client, etc.

Financial Planning clients do not receive reviews of their written plans unless our firm is engaged for ongoing services. One-time or project-based planning or consulting clients do not receive written or verbal updated reports regarding their financial plans unless they separately engage our firm for a post-financial plan meeting or update to their initial written financial plan.

Retirement Plan Consulting clients receive reviews of their retirement plans for the duration of the service. Our firm also provides ongoing services where clients are met with upon their request to discuss updates to their plans, changes in their circumstances, etc. Retirement Plan Consulting clients do not receive written or verbal updated reports regarding their plans unless they choose to engage our firm for ongoing services.

## **Item 14: Client Referrals & Other Compensation**

### **Fidelity**

Except for the arrangements outlined in Item 12 of Form ADV Part 2A, our firm has no additional arrangements with Fidelity to disclose.

### **Schwab**

Our firm receives economic benefit from Schwab in the form of the support products and services made available to our firm and other independent investment advisors that have their clients maintain accounts at Schwab. These products and services, how they benefit our firm, and the related conflicts of interest are described above (*see Item 12 – Brokerage Practices*). The availability of Schwab's products and services is not based on our firm giving particular investment advice, such as buying particular securities for our clients.

### **Referral Fees**

Our firm does not pay referral fees (non-commission based) to independent solicitors (non-registered representatives) for the referral of their clients to our firm in accordance with Rule 206(4)-3 of the Investment Advisers Act of 1940.

## **Item 15: Custody**

Our firm does not have custody of client funds or securities. All of our clients receive account statements directly from their qualified custodians at least quarterly upon opening of an account. If our firm decides to also send account statements to clients, such notice and account statements include a legend that recommends that the client compare the account statements received from the qualified custodian with those received from our firm. Clients are encouraged to raise any questions with us about the custody, safety or security of their assets and our custodial recommendations.

The SEC issued a no-action letter ("Letter") with respect to the Rule 206(4)-2 ("Custody Rule") under the Investment Advisers Act of 1940 ("Advisers Act"). The letter provided guidance on the Custody

Rule as well as clarified that an adviser who has the power to disburse client funds to a third party under a standing letter of instruction (“SLOA”) is deemed to have custody. As such, our firm has adopted the following safeguards in conjunction with the Custodians:

- The client provides an instruction to the qualified custodian, in writing, that includes the client’s signature, the third party’s name, and either the third party’s address or the third party’s account number at a custodian to which the transfer should be directed.
- The client authorizes the investment adviser, in writing, either on the qualified custodian’s form or separately, to direct transfers to the third party either on a specified schedule or from time to time.
- The client’s qualified custodian performs appropriate verification of the instruction, such as a signature review or other method to verify the client’s authorization and provides a transfer of funds notice to the client promptly after each transfer.
- The client has the ability to terminate or change the instruction to the client’s qualified custodian.
- The investment adviser has no authority or ability to designate or change the identity of the third party, the address, or any other information about the third party contained in the client’s instruction.
- The investment adviser maintains records showing that the third party is not a related party of the investment adviser or located at the same address as the investment adviser.
- The client’s qualified custodian sends the client, in writing, an initial notice confirming the instruction and an annual notice reconfirming the instruction.

## **Item 16: Investment Discretion**

Clients have the option of providing our firm with investment discretion on their behalf, pursuant to an executed investment advisory client agreement. By granting investment discretion, our firm is authorized to execute securities transactions, determine which securities are bought and sold, and the total amount to be bought and sold. Should clients grant our firm non-discretionary authority, our firm would be required to obtain the client’s permission prior to effecting securities transactions. Limitations may be imposed by the client in the form of specific constraints on any of these areas of discretion with our firm’s written acknowledgement.

## **Item 17: Voting Client Securities**

Our firm does not accept the proxy authority to vote client securities. Clients will receive proxies or other solicitations directly from their custodian or a transfer agent. In the event that proxies are sent to our firm, our firm will forward them to the appropriate client and ask the party who sent them to mail them directly to the client in the future. Clients may call, write or email us to discuss questions they may have about particular proxy votes or other solicitations.

## **Item 18: Financial Information**

Our firm is not required to provide financial information in this Brochure because:

- Our firm does not require the prepayment of more than \$1,200 in fees when services cannot be rendered within 6 months.
- Our firm does not take custody of client funds or securities.
- Our firm does not have a financial condition or commitment that impairs our ability to meet contractual and fiduciary obligations to clients.

Our firm has never been the subject of a bankruptcy proceeding.