FORM ADV (Paper Version)

- UNIFORM APPLICATION FOR INVESTMENT ADVISER REGISTRATION AND
- REPORT BY EXEMPT REPORTING ADVISERS

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WARNING:	Complete this form truthfully. False statements or omissions may result in denial of your application, revocation of your registration, or criminal prosecution. You must keep this form updated by filing periodic amendments. See Form ADV General Instruction 4.
Check the box th	at indicates what you would like to do (check all that apply):
☐ Submit an in☐ Submit an an	gistration: tial application to register as an investment adviser with the SEC. tial application to register as an investment adviser with one or more states. nual updating amendment to your registration for your fiscal year ended her-than-annual amendment to your registration.
☐ Submit an in☐ Submit a repo☐ Submit an an	ort by Exempt Reporting Advisers: Itial report to the SEC. ort to one or more state securities authorities. nual updating amendment to your report for your fiscal year ended her-than-annual amendment to your report. I report.
Item 1 Ic	lentifying Information
contact you. If yo provided for the	Item tell us who you are, where you are doing business, and how we can but are filing an <i>umbrella registration</i> , the information in Item 1 should be filing adviser only. General Instruction 5 provides information to assist you brella registration.
A. Your full	legal name (if you are a sole proprietor, your last, first, and middle names):
B. (1) Name	under which you primarily conduct your advisory business, if different from I.A.

	List on Section 1.B. of Schedule D any additional names under which you conduct your advisory business.
	(2) If you are using this Form ADV to register more than one investment adviser under an <i>umbrella registration</i> , check this box □.
	If you check this box, complete a Schedule R for each relying adviser.
C.	If this filing is reporting a change in your legal name (Item 1.A.) or primary business name (Item 1.B.(1)), enter the new name and specify whether the name change is of \square your legal name or \square your primary business name:
D.	(1) If you are registered with the SEC as an investment adviser, your SEC file number: 801
	(2) If you report to the SEC as an <i>exempt reporting adviser</i> , your SEC file number: 802
	(3) If you have one or more Central Index Key numbers assigned by the SEC ("CIK Numbers"), all of your CIK numbers:
E.	(1) If you have a number (" <i>CRD</i> Number") assigned by the <i>FINRA's CRD</i> system or by the IARD system, your <i>CRD</i> number:
	(2) If you have additional <i>CRD</i> Numbers, your additional <i>CRD</i> numbers:
	If your firm does not have a CRD number, skip this Item 1.E. Do not provide the CRD number of one of your officers, employees, or affiliates.
F.	Principal Office and Place of Business
	(1) Address (do not use a P.O. Box):
	(number and street)
	(city) (state/country) (zip +4/postal code)
	If this address is a private residence, check this box: \Box
	List on Section 1.F. of Schedule D any office, other than your principal office and place of business, at which you conduct investment advisory business. If you are applying for registration, or are registered, with one or more state securities authorities, you must list

all of your offices in the state or states to which you are applying for registration or with whom you are registered. If you are applying for SEC registration, if you are registered only with the SEC, or if you are reporting to the SEC as an exempt reporting adviser, list the largest twenty-five offices in terms of numbers of employees as of the end of your most recently completed fiscal year.

	(2) Days of week that you not of business:	mally conduct	business at ye	our principal office and place
	☐ Monday - Friday	☐ Other:		
	Normal business hours at	this location:		
	(3) Telephone number at this	location:	(area code)	(telephone number)
	(4) Facsimile number at this l	ocation, if any:		
	(5) What is the total number of business, at which you commost recently completed to	nduct investme		(facsimile number) rincipal office and place of usiness as of the end of your
G.	Mailing address, if different f			d place of business address:
		(number a	nd street)	
	(city)	(state/c	country)	(zip+4/postal code)
	If this address is a private resi	dence, check t	his box:	
Η.	If you are a sole proprietor, st principal office and place of l	•		•
		(number a	nd street)	
	(city)	(state/o	country)	(zip+4/postal code)

I. Do you have one or more websites or accounts on publicly available social media platforms (including, but not limited to, Twitter, Facebook and LinkedIn)?

	publicly available address serve on the web, you information addresses of you do not co	lable social media pass as a portal throug ou may list the porta You may need to list websites or accounts outrol the content. De cemployees or the add	latforms of th which to al without to t more than s on public o not prov	n Section 1.I. of access other is access other is listing address and portal action of the solution of the individual ind	r each of the firm's accounts on of Schedule D. If a website information you have published es for all of the other ldress. Do not provide the ocial media platforms where ual electronic mail (e-mail) ounts on publicly available
J.	Chief Compli	ance Officer			
	are an exe	empt reporting advis	er, you mu	ist provide the	ef Compliance Officer. If you contact information for your must complete Item 1.K.
			(name)	
			(other	titles, if any)	
	(area code)	(telephone number	r)	(area code)	(facsimile number, if any)
	(number and street)				
	(city)		(state/	country)	(zip+4/postal code)
	(electronic mail (e-mail) address, if Chief Compliance Officer has one)				
<i>(</i> :4	than you, Company	a <i>related person</i> or a Act of 1940 that yo	an investm ou advise fo	ent company r or providing cl	mployed by any <i>person</i> other registered under the Investment nief compliance officer mployer Identification Number

			(name)	
			(titles)	
	(area code)	(telephone number)	(area code)	(facsimile number, if any)
		(n	umber and street)	
	(city)		(state/country)	(zip+4/postal code)
	(electronic ma	ail (e-mail) address, if	contact person has one	<u></u>
L.	Do you maint	tain some or all of the	hooks and records you	
			similar state law, some	are required to keep under ewhere other than your
		of the Advisers Act, or	similar state law, some	<u> </u>
	principal office Yes □	of the Advisers Act, or ce and place of busine	similar state law, some	<u> </u>
M.	principal office Yes □ If "yes," com	of the Advisers Act, or ce and place of busine No plete Section 1.L. of So	similar state law, some	ewhere other than your
M.	yes □ If "yes," com Are you regis Answer "no" if you have an	of the Advisers Act, or ce and place of busine No Plete Section 1.L. of So tered with a foreign fin	similar state law, some sss? chedule D. nancial regulatory authored with a foreign finantered with a foreign finantered with a foreign fil	ewhere other than your
	yes □ If "yes," compared to the second of	of the Advisers Act, or ce and place of busine No plete Section 1.L. of So tered with a foreign fin if you are not register in affiliate that is regis ete Section 1.M. of Sci	similar state law, some sss? chedule D. nancial regulatory authored with a foreign finantered with a foreign finantered with a foreign fil	ewhere other than your nority? Yes \(\square \) No \(\square nacial regulatory authority, even nancial regulatory authority. If
	yes □ If "yes," complete Are you regis Answer "no" if you have an "yes," complete Are you a pub	of the Advisers Act, or ce and place of busine No plete Section 1.L. of So tered with a foreign fin if you are not register in affiliate that is regis ete Section 1.M. of Sci	similar state law, some sss? chedule D. nancial regulatory authored with a foreign finantered	ewhere other than your nority? Yes \(\square \) No \(\square nacial regulatory authority, even nancial regulatory authority. If
N.	Yes □ If "yes," complete Answer "no" if you have an "yes," complete Are you a public Exchange Act Yes □	of the Advisers Act, or ce and place of busine No plete Section 1.L. of So tered with a foreign fin if you are not register in affiliate that is regis ete Section 1.M. of Sch blic reporting company t of 1934? No	similar state law, some siss? chedule D. nancial regulatory authored with a foreign final tered with a foreign find tered with a foreign find the dule D. y under Sections 12 or	ewhere other than your nority? Yes \(\square \) No \(\square nacial regulatory authority, even nancial regulatory authority. If

	\$1 billio	n to less than \$10 billion	
	\$10 billi	on to less than \$50 billion	
	\$50 billi	on or more	
ass	ets you m	•	' refers to your total assets, rather than the Determine your total assets using the total assets st recent fiscal year end.
P.	Provide	your Legal Entity Identifier i	if you have one:
	_		umber that companies use to identify each other in not have a <i>legal entity identifier</i> .
Item 2	2		
SEC F	Registrat	ion	
SEC. C annual the info	Complete updating ormation	this Item 2.A. only if you are amendment to your SEC regin Item 2 should be provided	termine whether you are eligible to register with the e applying for SEC registration or submitting an gistration. If you are filing an <i>umbrella registration</i> , d for the <i>filing adviser</i> only.
71.	2.A.(1) t your SEG 2.A.(13)	hrough 2.A.(12), below. If y registration and you are no	ou are submitting an <i>annual updating amendment</i> to longer eligible to register with the SEC, check Item des information to help you determine whether you
	You (the	adviser):	
	□ (1)	are a large advisory firm the	hat either:
		(a) has regulatory assets un or more; or	der management of \$100 million (in U.S. dollars)
		• •	der management of \$90 million (in U.S. dollars) or g its most recent <i>annual updating amendment</i> and is 5;
	□ (2)	<u> </u>	irm that has regulatory assets under management of) or more but less than \$100 million (in U.S. dollars)

		(a) not required to be registered as an adviser with the <i>state securities authority</i> of the state where you maintain your <i>principal office and place of business</i> ; or
		(b) not subject to examination by the <i>state securities authority</i> of the state where you maintain your <i>principal office and place of business</i> ;
		Click HERE for a list of states in which an investment adviser, if registered, would not be subject to examination by the state securities authority.
	□ (3)	Reserved;
	□ (4)	have your principal office and place of business outside the United States;
(5)	are an investme	ent adviser (or subadviser) to an investment company registered under the Investment Company Act of 1940;
	□ (6)	are an investment adviser to a company which has elected to be a business development company pursuant to section 54 of the Investment Company Act of 1940 and has not withdrawn the election, and you have at least \$25 million of regulatory assets under management;
	□ (7)	are a pension consultant with respect to assets of plans having an aggregate value of at least \$200,000,000 that qualifies for the exemption in rule 203A-2(a);
	□ (8)	are a related adviser under rule 203A-2(b) that <i>controls</i> , is <i>controlled</i> by, or is under common <i>control</i> with, an investment adviser that is registered with the SEC, and your <i>principal office and place of business</i> is the same as the registered adviser;
		If you check this box, complete Section 2.A.(8) of Schedule D.
	□ (9)	are an adviser relying on rule 203A-2(c) because you expect to be eligible for SEC registration within 120 days;
		If you check this box, complete Section 2.A.(9) of Schedule D.
	☐ (10)	are a multi-state adviser that is required to register in 15 or more states and is relying on rule 203A-2(d);
		If you check this box, complete Section 2.A.(10) of Schedule D.
	□ (11)	are an Internet adviser relying on rule 203A-2(e);

	□ (12)	have received an SEC <i>order</i> exempting you from the prohibition against registration with the SEC;
		If you check this box, complete Section 2.A.(12) of Schedule D.
	□ (13)	are no longer eligible to remain registered with the SEC.
SEC 1	Reportin	g by Exempt Reporting Advisers
В.	-	the this Item 2.B. only if you are reporting to the SEC as an <i>exempt reporting</i> Check all that apply. You:
	□ (1)	qualify for the exemption from registration as an adviser solely to one or more venture capital funds, as defined in rule 203(l)-1;
	□ (2)	qualify for the exemption from registration because you act solely as an adviser to <i>private funds</i> and have assets under management, as defined in rule 203(m)-1, in the United States of less than \$150 million;
	□ (3)	act solely as an adviser to <i>private funds</i> but you are no longer eligible to check box 2.B.(2) because you have assets under management, as defined in rule 203(m)-1, in the United States of \$150 million or more.
	If you ch	eck box (2) or (3), complete Section 2.B. of Schedule D.
State Advis		es Authority Notice Filings and State Reporting by Exempt Reporting
C.	authorite are calle provide with the state(s) t you sub- addition notice of amendm	rate laws, SEC-registered advisers may be required to provide to <i>state securities</i> ies a copy of the Form ADV and any amendments they file with the SEC. These d notice filings. In addition, exempt reporting advisers may be required to state securities authorities with a copy of reports and any amendments they file SEC. If this is an initial application or report, check the box(es) next to the that you would like to receive notice of this and all subsequent filings or reports mit to the SEC. If this is an amendment to direct your notice filings or reports to al state(s), check the box(es) next to the state(s) that you would like to receive if this and all subsequent filings or reports you submit to the SEC. If this is an anent to your registration to stop your notice filings or reports from going to that currently receive them, uncheck the box(es) next to those state(s).
	□ AL □ AK □ AZ □ AR □ CA □ WY	□ CT □ HI □ KY □ MN □ NH □ OH □ SC □ VI □ DE □ ID □ LA □ MS □ NJ □ OK □ SD □ VA □ DC □ IL □ ME □ MO □ NM □ OR □ TN □ WA □ FL □ IN □ MD □ MT □ NY □ PA □ TX □ WV □ GA □ IA □ MA □ NE □ NC □ PR □ UT □ WI □ CO □ GU □ KS □ MI □ NV □ ND □ RI □ VT

If you are amending your registration to stop your notice filings or reports from going to a state that currently receives them and you do not want to pay that state's notice filing or report filing fee for the coming year, your amendment must be filed before the end of the year (December 31).

Item 3 Form of Organization

If you are filing an *umbrella registration*, the information in Item 3 should be provided for the *filing adviser* only.

A. How are you organized?
 □ Corporation □ Sole Proprietorship □ Limited Liability Partnership (LLP) □ Partnership □ Limited Liability Company (LLC) □ Limited Partnership (LP) □ Other (specify):
If you are changing your response to this Item, see Part 1A Instruction 4.
B. In what month does your fiscal year end each year?
C. Under the laws of what state or country are you organized?
If you are a partnership, provide the name of the state or country under whose laws your partnership was formed. If you are a sole proprietor, provide the name of the state or country where you reside.
If you are changing your response to this Item, see Part 1A Instruction 4.
Item 4 Successions
A. Are you, at the time of this filing, succeeding to the business of a registered investment adviser, including, for example, a change of your structure or legal status (e.g., form of organization or state of incorporation)?
□ Yes □ No
If "yes," complete Item 4.B. and Section 4 of Schedule D.
B. Date of Succession:
(mm/dd/yyyy)
If you have already reported this succession on a previous Form ADV filing, do not report the succession again. Instead, check "No." See Part 1A Instruction 4.

Item 5 Information About Your Advisory Business

Responses to this Item help us understand your business, assist us in preparing for on-site examinations, and provide us with data we use when making regulatory policy. Part 1A Instruction 5.a. provides additional guidance to newly formed advisers for completing this Item 5.

Employees

If you are organized as a sole proprietorship, include yourself as an employee in your responses to Item 5.A. and Items 5.B.(1), (2), (3), (4), and (5). If an employee performs more than one function, you should count that employee in each of your responses to Items 5.B.(1), (2), (3), (4) and (5).

(-)	, (5), (1) und (5).
A.	Approximately how many <i>employees</i> do you have? Include full- and part-time <i>employees</i> but do not include any clerical workers.
В.	(1) Approximately how many of the <i>employees</i> reported in 5.A. perform investment advisory functions (including research)?
	(2) Approximately how many of the <i>employees</i> reported in 5.A. are registered representatives of a broker-dealer?
	(3) Approximately how many of the <i>employees</i> reported in 5.A. are registered with one or more <i>state securities authorities</i> as <i>investment adviser representatives</i> ?
	(4) Approximately how many of the <i>employees</i> reported in 5.A. are registered with one or more <i>state securities authorities</i> as <i>investment adviser representatives</i> for an investment adviser other than you?
	(5) Approximately how many of the <i>employees</i> reported in 5.A. are licensed agents of an insurance company or agency?
	(6) Approximately how many firms or other <i>persons</i> solicit advisory <i>clients</i> on your behalf?
	In your response to Item 5.B.(6), do not count any of your employees and count a firm only once - do not count each of the firm's employees that solicit on your behalf.

Clients

In your responses to Items 5.C. and 5.D. do not include as "clients" the investors in a private fund you advise, unless you have a separate advisory relationship with those investors.

C.	(1) To approximately how many <i>clients</i> for whom you do not have regulatory assets
	under management did you provide investment advisory services during your most
	recently completed fiscal year?
	(2) Approximately what percentage of your <i>clients</i> are non- <i>United States persons</i> ?

D. For purposes of this Item 5.D., the category "individuals" includes trusts, estates, and 401(k) plans and IRAs of individuals and their family members, but does not include businesses organized as sole proprietorships.

The category "business development companies" consists of companies that have made an election pursuant to section 54 of the Investment Company Act of 1940. Unless you provide advisory services pursuant to an investment advisory contract to an investment company registered under the Investment Company Act of 1940, do not answer (d)(1) or (d)(3) below.

Indicate the approximate number of your *clients* and amount of your total regulatory assets under management (reported in Item 5.F. below) attributable to each of the following type of *client*. If you have fewer than 5 *clients* in a particular category (other than (d), (e), and (f)) you may check Item 5.D.(2) rather than respond to Item 5.D.(1).

The aggregate amount of regulatory assets under management reported in Item 5.D.(3) should equal the total amount of regulatory assets under management reported in Item 5.F.(2)(c) below.

If a *client* fits into more than one category, select one category that most accurately represents the client to avoid double counting *clients* and assets. If you advise a registered investment company, business development company, or pooled investment vehicle, report those assets in categories (d), (e), and (f) as applicable.

Type of Client	(1) Number of <i>Client(s)</i>	(2) Fewer than 5 Clients	(3) Amount of Regulatory Assets under Management
(a) Individuals (other than high net worth individuals)			

Type of Client	(1) Number of <i>Client(s)</i>	(2) Fewer than 5 <i>Clients</i>	(3) Amount of Regulatory Assets under Management
(b) High net worth individuals			
(c) Banking or thrift institutions			
(d) Investment companies			
(e) Business development companies			
(f) Pooled investment vehicles (other than investment companies and business development companies)			
(g) Pension and profit sharing plans (but not the plan participants or government pension plans)			
(h) Charitable organizations			
(i) State or municipal government entities (including government pension plans)			
(j) Other investment advisers			
(k) Insurance companies			
(l) Sovereign wealth funds and foreign official institutions			
(m) Corporations or other businesses not listed above			
(n) Other:			

Compensation Arrangements

E. You are compensated for your investment advisory services by (check all that				ices by (check all that apply):
	☐ (1) A percentage of a ☐ (2) Hourly charges ☐ (3) Subscription fees ☐ (4) Fixed fees (other ☐ (5) Commissions ☐ (6) Performance-bass ☐ (7) Other (specify):	(for a newsletter or than subscription fe	periodical) es)	
Re	egulatory Assets Unde	r Management		
F.	(1) Do you provide conti securities portfolios?		upervisory o	or management services to
	(2) If yes, what is the am number of accounts?	ount of your regulat	ory assets ı	under management and total
		U.S. Dollar Amou	nt	Total Number of Accounts
	Discretionary:	(a) \$	00	(d)
	Non-Discretionary:	(b) \$	00	(e)
	Total:	(c) \$	00	(f)
	Part 1A Instruction 5.b. management. You must j	-	-	regulatory assets under lly when completing this Item.
		<u> </u>	_	atory assets under management <i>tents</i> who are non- <i>United States</i>
<u>A</u>	dvisory Activities			
G.	What type(s) of advisory	services do you pro	vide? Che	ck all that apply.
	the Investment	gement for individual gement for investme ompanies" that have Company Act of 19	ent compani made an el 40)	

			companies)					
	\Box (5)	Portfolio management for l					.4
			institutional <i>clients</i> (other t		investme	ent compai	nies and o	ther
		6)	pooled investment vehicles Pension consulting services	•				
		_	Selection of other advisers		vata fund	managere)	
			Publication of periodicals		vate juna	managers)	
			Security ratings or pricing					
	`		Market timing services	SCI VICCS				
			Educational seminars/work	shons				
	`		Other (specify):	-				
ad 19 the	visory 40, inc inves	con cludi tmei	Item 5.G.(3) unless you pr tract to an investment comp ng as a subadviser. If you o nt company or investment c hedule D.	any registered check Item 5.G	d under th G.(3), repo	ne Investm ort the 811	ent Comp ' or 814 n	any Act of umber of
Η.			ovide financial planning ser		many <i>clie</i>	ents did yo	u provide	these
	servi		luring your last fiscal year?					
	\Box 0		$1-10 \Box 11-25 \Box 26$					
		Aore	than 500 If more than 5	00, how many	?	(round to	o the near	est 500)
		-	nses to this Item 5.H., do n nless you have a separate o				-	rivate fund
I.	(1) D	o yo	ou participate in a wrap fee	program?	☐ Yes	s □ No)	
		•	participate in a wrap fee p management attributable t	_	is the am	ount of yo	ur regulat	ory assets
	(a	a) sp	onsor to a wrap fee progra	m			\$	
	(1	b) p	ortfolio manager for a wrap	fee program?			\$	
	(c) sp	onsor to and portfolio man	ager for the sar	me wrap	fee progra	m? \$	
	If you Item	-	ort an amount in Item 5.I.(2)(b).	2)(c), do not re	eport thai	t amount ii	n Item 5.I.	(2)(a) or
			a portfolio manager for a nsors and related informati					ograms,
			volvement in a wrap fee pr to your clients, or you adv	_				

program, do not check Item 5.I.(1) or enter any amounts in response to Item 5.I.(2).

J.	 (1) In response to Item 4.B. of Part 2A of Form ADV, do you indicate that you provide investment advice only with respect to limited types of investments? ☐ Yes ☐ No 				
	(2) Do you report <i>client</i> assets in Item 4.E. of Part 2A that are computed using a different method than the method used to compute your regulatory assets under management? ☐ Yes ☐ No				
K.	Separately Managed Account Clients				
	(1) Do you have regulatory assets under management attributable to <i>clients</i> other than those listed in Item 5.D.(3)(d)-(f) (separately managed account <i>clients</i>)? ☐ Yes ☐ No				
	If yes, complete Section 5.K.(1) of Schedule D.				
	(2) Do you engage in borrowing transactions on behalf of any of the separately managed account <i>clients</i> that you advise? ☐ Yes ☐ No				
	If yes, complete Section 5.K.(2) of Schedule D.				
	(3) Do you engage in derivative transactions on behalf of any of the separately managed account <i>clients</i> that you advise? Yes No				
	If yes, complete Section 5.K.(2) of Schedule D.				
	(4) After subtracting the amounts in Item 5.D.(3)(d)-(f) above from your total regulatory assets under management, does any custodian hold ten percent or more of this remaining amount of regulatory assets under management? ☐ Yes ☐ No				
	If yes, complete Section 5.K.(3) of Schedule D for each custodian.				
	[Effective May 4, 2021, Item 5.L. appears as follows, pursuant to Investment Adviser Marketing, Investment Advisers Act Release No. 5653 (Dec. 22, 2020) [86 FR 13024 (Mar. 5, 2021)].]				
L.	Marketing Activities				
	(1) Do any of your advertisements include:				
	(a) Performance results? ☐ Yes ☐ No				
	(b) A reference to specific investment advice provided by you (as that phrase is used in rule 206(4)-1(a)(5))? ☐ Yes ☐ No				
	(c) Testimonials (other than those that satisfy rule 206(4)-1(b)(4)(ii))?				

☐ Yes ☐ No
(d) <i>Endorsements</i> (other than those that satisfy rule 206(4)-1(b)(4)(ii))? ☐ Yes ☐ No
(e) Third-party ratings? ☐ Yes ☐ No
(2) If you answer "yes" to L(1)(c), (d), or (e) above, do you pay or otherwise provide cash
or non-cash compensation, directly or indirectly, in connection with the use of
testimonials, endorsements, or third-party ratings? \Box Yes \Box No
(3) Do any of your <i>advertisements</i> include <i>hypothetical performance</i> ? ☐ Yes ☐ No
(4) Do any of your <i>advertisements</i> include <i>predecessor performance</i> ? ☐ Yes ☐ No
Item 6 Other Business Activities
In this Item, we request information about your firm's other business activities.
A. You are actively engaged in business as a (check all that apply):
 □ (1) broker-dealer (registered or unregistered) □ (2) registered representative of a broker-dealer □ (3) commodity pool operator or commodity trading advisor (whether registered or exempt from registration) □ (4) futures commission merchant □ (5) real estate broker, dealer, or agent □ (6) insurance broker or agent □ (7) bank (including a separately identifiable department or division of a bank) □ (8) trust company □ (9) registered municipal advisor □ (10) registered security-based swap dealer □ (11) major security-based swap participant □ (12) accountant or accounting firm □ (13) lawyer or law firm □ (14) other financial product salesperson (specify):
If you engage in other business using a name that is different from the names reported in Items 1.A. or 1.B.(1), complete Section 6.A. of Schedule D.

	Are you actively engaged in any other business not listed in Item 6.A. (other than giving investment advice)? Yes No
(2) 1	If yes, is this other business your primary business?
	If "yes," describe this other business on Section 6.B.(2) of Schedule D, and if you engage in this business under a different name, provide that name.
	Do you sell products or provide services other than investment advice to your advisory <i>clients</i> ? Yes No
	If "yes," describe this other business on Section 6.B.(3) of Schedule D, and if you engage in this business under a different name, provide that name.
Item 7	Financial Industry Affiliations and <i>Private Fund</i> Reporting
	we request information about your financial industry affiliations and activities. This identifies areas in which conflicts of interest may occur between you and your
pers	s part of Item 7 requires you to provide information about you and your <i>related</i> ons, including foreign affiliates. Your <i>related</i> persons are all of your <i>advisory</i> iates and any person that is under common control with you.
You	have a related person that is a (check all that apply):
□ (□ (□ (broker-dealer, municipal securities dealer, or government securities broker or dealer (registered or unregistered) other investment adviser (including financial planners) registered municipal advisor registered security-based swap dealer major security-based swap participant
	 commodity pool operator or commodity trading advisor (whether registered or exempt from registration) futures commission merchant banking or thrift institution trust company
□ (□ (□ ((10) accountant or accounting firm (11) lawyer or law firm (12) insurance company or agency (13) pension consultant (14) real estate broker or dealer (15) sponsor or syndicator of limited partnerships (or equivalent), excluding pooled
	investment vehicles (16) sponsor, general partner, managing member (or equivalent) of pooled investment vehicles

Note that Item 7.A. should not be used to disclose that some of your employees perform investment advisory functions or are registered representatives of a broker-dealer. The number of your firm's employees who perform investment advisory functions should be disclosed under Item 5.B.(1). The number of your firm's employees who are registered representatives of a broker-dealer should be disclosed under Item 5.B.(2).

Note that if you are filing an umbrella registration, you should not check Item 7.A.(2) with respect to your relying advisers, and you do not have to complete Section 7.A. in Schedule D for your relying advisers. You should complete a Schedule R for each relying adviser.

For each related person, including foreign affiliates that may not be registered or required to be registered in the United States, complete Section 7.A. of Schedule D.

You do not need to complete Section 7.A. of Schedule D for any related person if: (1) you have no business dealings with the related person in connection with advisory services you provide to your clients; (2) you do not conduct shared operations with the related person; (3) you do not refer clients or business to the related person, and the related person does not refer prospective clients or business to you; (4) you do not share supervised persons or premises with the related person; and (5) you have no reason to believe that your relationship with the related person otherwise creates a conflict of interest with your clients.

You must complete Section 7.A. of Schedule D for each related person acting as qualified custodian in connection with advisory services you provide to your clients (other than

	any mutual fund transfer agent pursuant to a you have determined the related person to b 206(4)-2 of the Advisers Act.	rule 206(4)-2(b	(1), regardless of whether
B.	Are you an adviser to any private fund?	☐ Yes	□ No

If "yes," then for each private fund that you advise, you must complete a Section 7.B.(1) of Schedule D, except in certain circumstances described in the next sentence and in Instruction 6 of the Instructions to Part 1A. If you are registered or applying for registration with the SEC or reporting as an SEC exempt reporting adviser, and another SEC-registered adviser or SEC exempt reporting adviser reports this information with respect to any such private fund in Section 7.B.(1) of Schedule D of its Form ADV (e.g., if you are a subadviser), do not complete Section 7.B.(1) of Schedule D with respect to that private fund. You must, instead, complete Section 7.B.(2) of Schedule D.

In either case, if you seek to preserve the anonymity of a private fund client by maintaining its identity in your books and records in numerical or alphabetical code, or similar designation, pursuant to rule 204-2(d), you may identify the private fund in Section 7.B.(1) or 7.B.(2) of Schedule D using the same code or designation in place of the fund's name.

Item 8 Participation or Interest in *Client* Transactions

In this Item, we request information about your participation and interest in your *clients*' transactions. This information identifies additional areas in which conflicts of interest may occur between you and your *clients*. Newly-formed advisers should base responses to these questions on the types of participation and interest that you expect to engage in during the next year.

Like Item 7, Item 8 requires you to provide information about you and your *related persons*, including foreign affiliates.

Proprietary Interest in *Client* Transactions

A. Do you or any related person:		
	<u>Yes</u>	<u>No</u>
(1) buy securities for yourself from advisory <i>clients</i> , or sell securities you own to advisory <i>clients</i> (principal transactions)?		
(2) buy or sell for yourself securities (other than shares of mutual funds) that you also recommend to advisory <i>clients</i> ?		
(3) recommend securities (or other investment products) to advisory <i>clients</i> in which you or any <i>related person</i> has some other proprietary (ownership) interest (other than those mentioned in Items 8.A.(1) or (2))?		
Sales Interest in Client Transactions		
B. Do you or any related person:	Yes	No
(1) as a broker-dealer or registered representative of a broker-dealer, execute securities trades for brokerage customers in which advisory	103	110

<i>client</i> securities are sold to or bought from the brokerage customer (agency cross transactions)?		
(2) recommend to advisory <i>clients</i> , or act as a purchaser representative for advisory <i>clients</i> with respect to, the purchase of securities for which you or any <i>related person</i> serves as underwriter or general or managing partner?		
(3) recommend purchase or sale of securities to advisory <i>clients</i> for which you or any <i>related person</i> has any other sales interest (other than the receipt of sales commissions as a broker or registered representative of a broker-dealer)?		
Investment or Brokerage Discretion		
C. Do you or any <i>related person</i> have <i>discretionary authority</i> to determine the:	<u>Yes</u>	<u>No</u>
(1) securities to be bought or sold for a <i>client's</i> account?		
(2) amount of securities to be bought or sold for a <i>client's</i> account?		
(3) broker or dealer to be used for a purchase or sale of securities for a <i>client's</i> account?		
(4) commission rates to be paid to a broker or dealer for a <i>client's</i> securities transactions?		
D. If you answer "yes" to C.(3) above, are any of the brokers or dealers <i>related persons</i> ?		
E. Do you or any <i>related person</i> recommend brokers or dealers to <i>clients</i> ?		
F. If you answer "yes" to E. above, are any of the brokers or dealers <i>related persons</i> ?		
G. (1) Do you or any <i>related person</i> receive research or other products or services other than execution from a broker-dealer or a third party ("soft dollar benefits") in connection with <i>client</i> securities transactions?		
(2) If "yes" to G.(1) above, are all the "soft dollar benefits" you or any <i>related persons</i> receive eligible "research or brokerage services" under section 28(e) of the Securities Exchange Act of 1934?		
H. (1) Do you or any <i>related person</i> , directly or indirectly, compensate		

	any person that is not an emp	ployee for client referrals?		
	employee compensation that	a, directly or indirectly, provide any is specifically related to obtaining non-cash compensation in addition ary)?		
I.	• •	acluding any <i>employee</i> , directly or from any <i>person</i> (other than you or ferrals?		
	In your response to Item 8.I., do	not include the regular salary you po	ay to an emplo	oyee.
	you or a related person gave to (Item 8.I.) any person in exchange	8.I., consider all cash and non-cash in answering Item 8.H.) or received je for client referrals, including any be amount of client referrals.	from (in answ	ering
	at least in part, on the number of			
tem 9	-			
n this hat ar	9 Custody Item, we ask you whether you or	a <i>related person</i> has <i>custody</i> of <i>clied</i> d under the Investment Company Ac	*	
n this hat ar	Custody Item, we ask you whether you or e investment companies registered	d under the Investment Company Ac	*	
n this hat ar	Custody Item, we ask you whether you or e investment companies registered your custodial practices.	d under the Investment Company Ac	t of 1940) ass	ets and
n this hat ar	Custody Item, we ask you whether you or e investment companies registered your custodial practices. (1) Do you have custody of any a (a) cash or bank accounts? (b) securities? If you are registering or register if you have custody solely because clients' accounts, or (ii) a related advisory services you provide to	d under the Investment Company Ac	Yes Yes Market 1940) ass Yes Market 1940) ass Market 1940 Market	No No and (b) your with hat you
n this hat ar	Custody Item, we ask you whether you or e investment companies registered your custodial practices. (1) Do you have custody of any a (a) cash or bank accounts? (b) securities? If you are registering or register if you have custody solely because clients' accounts, or (ii) a related advisory services you provide to are not operationally independent related person. (2) If you checked "yes" to Item	d under the Investment Company Ac advisory clients': red with the SEC, answer "No" to Ite se (i) you deduct your advisory fees a person has custody of client assets clients, but you have overcome the p	t of 1940) ass $\frac{\text{Yes}}{\text{U}}$ $\frac{\text{Ves}}{\text{U}}$ $\frac{\text{Ves}}{U$	No No and (b) your with hat you rom the
n this hat ar	Custody Item, we ask you whether you or e investment companies registered your custodial practices. (1) Do you have custody of any a (a) cash or bank accounts? (b) securities? If you are registering or register if you have custody solely because clients' accounts, or (ii) a related advisory services you provide to are not operationally independent related person. (2) If you checked "yes" to Item	d under the Investment Company Ac advisory clients': red with the SEC, answer "No" to Ite se (i) you deduct your advisory fees a person has custody of client assets clients, but you have overcome the part (pursuant to Advisers Act rule 206 at 9.A.(1)(a) or (b), what is the approxes	t of 1940) ass $\frac{\text{Yes}}{\text{U}}$ $\frac{\text{Ves}}{\text{U}}$ $\frac{\text{Ves}}{U$	No No and (b) your with hat you rom the

If you are registering or registered with the SEC and you have custody solely because you deduct your advisory fees directly from your clients' accounts, do not include the amount of those assets and the number of those clients in your response to Item 9.A.(2).

If your related person has custody of client assets in connection with advisory services you provide to clients, do not include the amount of those assets and the number of those clients in your response to Item 9.A.(2). Instead, include that information in your response to Item 9.B.(2).

В.	(1) In connection with advisory <i>persons</i> have <i>custody</i> of any	services you provide to <i>clients</i> , do a of your advisory <i>clients</i> ':	any of your <i>related</i> <u>Yes</u> <u>No</u>
	(a) cash or bank accounts?(b) securities?		
	You are required to answer this (b).	item regardless of how you answere	ed Item 9.A.(1)(a) or
		n 9.B.(1)(a) or (b), what is the approximate total number of <i>clients</i> for which	
	U.S. Dollar Amount	Total Number of Clients	
	(a) \$	(b)	
C.		ave <i>custody</i> of <i>client</i> funds or securide to <i>clients</i> , check all the following	
	· / -	n(s) sends account statements at leas ed investment vehicle(s) you manag	
		dic accountant audits annually the penanage and the audited financial state pools.	
	☐ (3) An <i>independent public client</i> funds and secu	lic accountant conducts an annual surities.	urprise examination of
	respect to custodial s	lic accountant prepares an internal of services when you or your related per funds and securities.	-

If you checked Item 9.C.(2), C.(3) or C.(4), list in Section 9.C. of Schedule D the accountants that are engaged to perform the audit or examination or prepare an internal control report. (If you checked Item 9.C.(2), you do not have to list auditor information in Section 9.C. of Schedule D if you already provided this information with respect to the private funds you advise in Section 7.B.(1) of Schedule D).

	D.	Do you or your <i>related person</i> (s) act as qualified custodians for your <i>clients</i> in connection with advisory services you provide to <i>clients</i> ?			
		(1) you act as a qualified custodian(2) your <i>related person(s)</i> act as qualified custodian(s)	$\frac{\mathrm{Yes}}{\square}$	<u>No</u> □	
		If you checked "yes" to Item 9.D.(2), all related persons that act as qualification (other than any mutual fund transfer agent pursuant to rule 206(4)-2(b)(1) identified in Section 7.A. of Schedule D, regardless of whether you have derelated person to be operationally independent under rule 206(4)-2 of the)) must be etermined t	the	
	E.	If you are filing your <i>annual updating amendment</i> and you were subject to examination by an <i>independent public accountant</i> during your last fiscal yed date (MM/YYYY) the examination commenced:			
	F. If you or your <i>related persons</i> have <i>custody</i> of <i>client</i> funds or securities, how many <i>persons</i> , including, but not limited to, you and your <i>related persons</i> , act as qualified custodians for your <i>clients</i> in connection with advisory services you provide to <i>clients</i> ?			<i>š</i> ?	
Iter	n 1	10 Control Persons			
are	fili	Item, we ask you to identify every <i>person</i> that, directly or indirectly, <i>contro</i> ng an <i>umbrella registration</i> , the information in Item 10 should be provided r only.			
	If you are submitting an initial application or report, you must complete Schedule A and Schedule B. Schedule A asks for information about your direct owners and executive officers. Schedule B asks for information about your indirect owners. If this is an amendment and you are updating information you reported on either Schedule A or Schedul B (or both) that you filed with your initial application or report, you must complete Schedul C.				
	A.	Does any <i>person</i> not named in Item 1.A. or Schedules A, B, or C, directly <i>control</i> your management or policies? \square Yes \square No	or indirectl	ly,	
		If yes, complete Section 10.A. of Schedule D.			
	В.	If any <i>person</i> named in Schedules A, B, or C or in Section 10.A. of Schedulic reporting company under Sections 12 or 15(d) of the Securities Excl. 1934, please complete Section 10.B. of Schedule D.		of	

Item 11 Disclosure Information

In this Item, we ask for information about your disciplinary history and the disciplinary history of all your advisory affiliates. We use this information to determine whether to grant your

application for registration, to decide whether to revoke your registration or to place limitations on your activities as an investment adviser, and to identify potential problem areas to focus on during our on-site examinations. One event may result in "yes" answers to more than one of the questions below. In accordance with General Instruction 5 to Form ADV, "you" and "your" include the *filing adviser* and all *relying advisers* under an *umbrella registration*.

Your advisory affiliates are: (1) all of your current employees (other than employees performing only clerical, administrative, support or similar functions); (2) all of your officers, partners, or directors (or any person performing similar functions); and (3) all persons directly or indirectly controlling you or controlled by you. If you are a "separately identifiable department or division" (SID) of a bank, see the Glossary of Terms to determine who your advisory affiliates are.

If you are registered or registering with the SEC or if you are an exempt reporting adviser, you may limit your disclosure of any event listed in Item 11 to ten years following the date of the event. If you are registered or registering with a state, you must respond to the questions as posed; you may, therefore, limit your disclosure to ten years following the date of an event only in responding to Items 11.A.(1), 11.A.(2), 11.B.(1), 11.B.(2), 11.D.(4), and 11.H.(1)(a). For purposes of calculating this ten-year period, the date of an event is the date the final order, judgment, or decree was entered, or the date any rights of appeal from preliminary orders, judgments, or decrees lapsed.

You must complete the appropriate Disclosure Reporting Page ("DRP") for "yes" answers to the questions in this Item 11.

Do any of the events below involve you or any of your <i>supervised persons</i> ?	Yes □	$\frac{\text{No}}{\Box}$	
For "yes" answers to the following questions, complete a Criminal Action DRP: A. In the past ten years, have you or any <i>advisory affiliate</i> :	Yes	<u>No</u>	
(1) been convicted of or pled guilty or nolo contendere ("no contest") in a domestic, foreign, or military court to any <i>felony</i> ?			
(2) been <i>charged</i> with any <i>felony</i> ?			
If you are registered or registering with the SEC, or if you are reporting as an exerporting adviser, you may limit your response to Item 11.A.(2) to charges that currently pending.			

- B. In the past ten years, have you or any advisory affiliate:
 - (1) been convicted of or pled guilty or nolo contendere ("no contest") in a domestic, foreign, or military court to a *misdemeanor* involving:

	investments or an <i>investment-related</i> business, or any fraud, false statements, or omissions, wrongful taking of property, bribery, perjury, forgery, counterfeiting, extortion, or a conspiracy to commit any of these offenses?		
	(2) been <i>charged</i> with a <i>misdemeanor</i> listed in Item 11.B.(1)?		
	If you are registered or registering with the SEC, or if you are reporting as reporting adviser, you may limit your response to Item 11.B.(2) to charge currently pending.	-	pt
For "y	es" answers to the following questions, complete a Regulatory Action DRP		
C.	Has the SEC or the Commodity Futures Trading Commission (CFTC) ever:	Yes	<u>No</u>
	(1) <i>found</i> you or any <i>advisory affiliate</i> to have made a false statement or omission?		
	(2) <i>found</i> you or any <i>advisory affiliate</i> to have been <i>involved</i> in a violation of SEC or CFTC regulations or statutes?		
	(3) <i>found</i> you or any <i>advisory affiliate</i> to have been a cause of an <i>investment-related</i> business having its authorization to do business denied, suspended, revoked, or restricted?		
	(4) entered an <i>order</i> against you or any <i>advisory affiliate</i> in connection with <i>investment-related</i> activity?		
	(5) imposed a civil money penalty on you or any <i>advisory affiliate</i> , or <i>ordered</i> you or any <i>advisory affiliate</i> to cease and desist from any activity?		
D.	Has any other federal regulatory agency, any state regulatory agency, or any <i>foreign financial regulatory authority</i> :		
	(1) ever <i>found</i> you or any <i>advisory affiliate</i> to have made a false statement or omission, or been dishonest, unfair, or unethical?		
	(2) ever <i>found</i> you or any <i>advisory affiliate</i> to have been <i>involved</i> in a violation of <i>investment-related</i> regulations or statutes?		
	(3) ever <i>found</i> you or any <i>advisory affiliate</i> to have been a cause of an <i>investment-related</i> business having its authorization to do business denied, suspended, revoked, or restricted?		

	(4) in the past ten years, entered an <i>order</i> against you or any <i>advisory affiliate</i> in connection with an <i>investment-related</i> activity?		
T.	(5) ever denied, suspended, or revoked your or any <i>advisory affiliate's</i> registration or license, or otherwise prevented you or any <i>advisory affiliate</i> , by <i>order</i> , from associating with an <i>investment-related</i> business or restricted your or any <i>advisory affiliate's</i> activity?		
E.	Has any self-regulatory organization or commodities exchange ever:		
	(1) <i>found</i> you or any <i>advisory affiliate</i> to have made a false statement or omission?		
	(2) <i>found</i> you or any <i>advisory affiliate</i> to have been <i>involved</i> in a violation of its rules (other than a violation designated as a " <i>minor rule violation</i> " under a plan approved by the SEC)?		
	(3) <i>found</i> you or any <i>advisory affiliate</i> to have been the cause of an <i>investment-related</i> business having its authorization to do business denied, suspended, revoked, or restricted?		
	(4) disciplined you or any <i>advisory affiliate</i> by expelling or suspending you or the <i>advisory affiliate</i> from membership, barring or suspending you or the <i>advisory affiliate</i> from association with other members, or otherwise restricting your or the <i>advisory affiliate's</i> activities?		
F.	Has an authorization to act as an attorney, accountant, or federal contractor granted to you or any <i>advisory affiliate</i> ever been revoked or suspended?		
G.	Are you or any <i>advisory affiliate</i> now the subject of any regulatory <i>proceeding</i> that could result in a "yes" answer to any part of Item 11.C., 11.D., or 11.E.?		
For "y	res" answers to the following questions, complete a Civil Judicial Action D	<u>RP</u> :	
Н.	(1) Has any domestic or foreign court:	Yes	<u>No</u>
	(a) in the past ten years, <i>enjoined</i> you or any <i>advisory affiliate</i> in connection with any <i>investment-related</i> activity?		
	(b) ever <i>found</i> that you or any <i>advisory affiliate</i> were <i>involved</i> in a violation of <i>investment-related</i> statutes or regulations?		

(c) ever dismissed, pursuant to a settlement agreement, an <i>investment-related</i> civil action brought against you or any <i>advisory affiliate</i> by a state or <i>foreign financial regulatory authority</i> ?			
(2) Are you or any <i>advisory affiliate</i> now the subject of any civil <i>proceeding</i> that could result in a "yes" answer to any part of Item 11.H.(1)?			
Item 12 Small Businesses			
The SEC is required by the Regulatory Flexibility Act to consider the effect of its small entities. In order to do this, we need to determine whether you meet the de "small business" or "small organization" under rule 0-7.	-		
Answer this Item 12 only if you are registered or registering with the SEC <u>and</u> you response to Item 5.F.(2)(c) that you have regulatory assets under management of million. You are not required to answer this Item 12 if you are filing for initial restate adviser, amending a current state registration, or switching from SEC to state	less than gistration	\$25 as a	
For purposes of this Item 12 only:			
• Total Assets refers to the total assets of a firm, rather than the assets mana of <i>clients</i> . In determining your or another <i>person's</i> total assets, you may use to shown on a current balance sheet (but use total assets reported on a consolidation sheet with subsidiaries included, if that amount is larger).	the total a	ssets	
• <i>Control</i> means the power to direct or cause the direction of the management a <i>person</i> , whether through ownership of securities, by contract, or otherwise, that directly or indirectly has the right to vote 25 percent or more of the voting is entitled to 25 percent or more of the profits, of another <i>person</i> is presumed other <i>person</i> .	e. Any <i>person</i> ing securities, or		
	Yes	<u>No</u>	
A. Did you have total assets of \$5 million or more on the last day of your most recent fiscal year?			
If "yes," you do not need to answer Items 12.B. and 12.C.			
B. Do you:			
(1) <i>control</i> another investment adviser that had regulatory assets under management (calculated in response to Item 5.F.(2)(c) of Form ADV) of \$25 million or more on the last day of its most recent fiscal year?			
•			

	(2) <i>control</i> another <i>person</i> (other than a natural person) that had total assets of \$5 million or more on the last day of its most recent fiscal year?	
C.	Are you:	
	(1) controlled by or under common control with another investment adviser that had regulatory assets under management (calculated in response to Item 5.F.(2)(c) of Form ADV) of \$25 million or more on the last day of its most recent fiscal year?	
	(2) <i>controlled</i> by or under common <i>control</i> with another <i>person</i> (other than a natural person) that had total assets of \$5 million or more on the last day of its most recent fiscal year?	