

Form 5500 Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Annual Return/Report of Employee Benefit Plan This form is required to be filed for employee benefit plans under sections 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA) and sections 6047(e), 6057(b), and 6058(a) of the Internal Revenue Code (the Code). ▶ Complete all entries in accordance with the instructions to the Form 5500.	OMB Nos. 1210-0110 1210-0089 2012 This Form is Open to Public Inspection
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Part I	Annual Report Identification Information
For calendar plan year 2012 or fiscal plan year beginning <u>01/01/2012</u> and ending <u>12/31/2012</u>	
A This return/report is for:	☐ a multiemployer plan; ☐ a multiple-employer plan; or ☒ a single-employer plan; ☐ a DFE (specify) ____
B This return/report is:	☐ the first return/report; ☐ the final return/report; ☐ an amended return/report; ☐ a short plan year return/report (less than 12 months).
C If the plan is a collectively-bargained plan, check here.	☐
D Check box if filing under:	☒ Form 5558; ☐ automatic extension; ☐ the DFVC program; ☐ special extension (enter description)

Part II	Basic Plan Information —enter all requested information				
1a Name of plan <u>VERENIUM CORPORATION 401(K) PLAN</u>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 80%;">1b Three-digit plan number (PN) ▶</td> <td style="width: 20%; text-align: center;"><u>001</u></td> </tr> <tr> <td colspan="2">1c Effective date of plan <u>01/01/1995</u></td> </tr> </table>	1b Three-digit plan number (PN) ▶	<u>001</u>	1c Effective date of plan <u>01/01/1995</u>	
1b Three-digit plan number (PN) ▶	<u>001</u>				
1c Effective date of plan <u>01/01/1995</u>					
2a Plan sponsor's name and address; include room or suite number (employer, if for a single-employer plan) <u>VERENIUM CORPORATION</u> <u>3550 JOHN HOPKINS CT.</u> <u>SAN DIEGO, CA 92121</u>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>2b Employer Identification Number (EIN) <u>22-3297375</u></td> </tr> <tr> <td>2c Sponsor's telephone number <u>858-431-8500</u></td> </tr> <tr> <td>2d Business code (see instructions) <u>541700</u></td> </tr> </table>	2b Employer Identification Number (EIN) <u>22-3297375</u>	2c Sponsor's telephone number <u>858-431-8500</u>	2d Business code (see instructions) <u>541700</u>	
2b Employer Identification Number (EIN) <u>22-3297375</u>					
2c Sponsor's telephone number <u>858-431-8500</u>					
2d Business code (see instructions) <u>541700</u>					

Caution: A penalty for the late or incomplete filing of this return/report will be assessed unless reasonable cause is established.

Under penalties of perjury and other penalties set forth in the instructions, I declare that I have examined this return/report, including accompanying schedules, statements and attachments, as well as the electronic version of this return/report, and to the best of my knowledge and belief, it is true, correct, and complete.

SIGN HERE	Filed with authorized/valid electronic signature. Signature of plan administrator	10/10/2013 Date	CATHERINE SCANLON Enter name of individual signing as plan administrator
SIGN HERE	Filed with authorized/valid electronic signature. Signature of employer/plan sponsor	10/10/2013 Date	CATHERINE SCANLON Enter name of individual signing as employer or plan sponsor
SIGN HERE	Signature of DFE	Date	Enter name of individual signing as DFE
Preparer's name (including firm name, if applicable) and address; include room or suite number. (optional)			Preparer's telephone number (optional)

3a Plan administrator's name and address ☐ Same as Plan Sponsor Name ☐ Same as Plan Sponsor Address VERENIUM CORPORATION 3550 JOHN HOPKINS CT. SAN DIEGO, CA 92121		3b Administrator's EIN 22-3297375
		3c Administrator's telephone number 858-431-8500
4 If the name and/or EIN of the plan sponsor has changed since the last return/report filed for this plan, enter the name, EIN and the plan number from the last return/report: a Sponsor's name		4b EIN 4c PN
5 Total number of participants at the beginning of the plan year		5 264
6 Number of participants as of the end of the plan year (welfare plans complete only lines 6a , 6b , 6c , and 6d).		
a Active participants.....	6a	111
b Retired or separated participants receiving benefits.....	6b	0
c Other retired or separated participants entitled to future benefits.....	6c	135
d Subtotal. Add lines 6a , 6b , and 6c	6d	246
e Deceased participants whose beneficiaries are receiving or are entitled to receive benefits.....	6e	1
f Total. Add lines 6d and 6e	6f	247
g Number of participants with account balances as of the end of the plan year (only defined contribution plans complete this item).....	6g	244
h Number of participants that terminated employment during the plan year with accrued benefits that were less than 100% vested.....	6h	6
7 Enter the total number of employers obligated to contribute to the plan (only multiemployer plans complete this item)		7
8a If the plan provides pension benefits, enter the applicable pension feature codes from the List of Plan Characteristics Codes in the instructions: 2E 2F 2G 2J 2K 2S 2T 3D		
b If the plan provides welfare benefits, enter the applicable welfare feature codes from the List of Plan Characteristics Codes in the instructions:		
9a Plan funding arrangement (check all that apply) (1) ☐ Insurance (2) ☐ Code section 412(e)(3) insurance contracts (3) ☒ Trust (4) ☐ General assets of the sponsor		9b Plan benefit arrangement (check all that apply) (1) ☐ Insurance (2) ☐ Code section 412(e)(3) insurance contracts (3) ☒ Trust (4) ☐ General assets of the sponsor
10 Check all applicable boxes in 10a and 10b to indicate which schedules are attached, and, where indicated, enter the number attached. (See instructions)		
a Pension Schedules (1) ☒ R (Retirement Plan Information) (2) ☐ MB (Multiemployer Defined Benefit Plan and Certain Money Purchase Plan Actuarial Information) - signed by the plan actuary (3) ☐ SB (Single-Employer Defined Benefit Plan Actuarial Information) - signed by the plan actuary		b General Schedules (1) ☒ H (Financial Information) (2) ☐ I (Financial Information – Small Plan) (3) ☐ A (Insurance Information) (4) ☒ C (Service Provider Information) (5) ☒ D (DFE/Participating Plan Information) (6) ☐ G (Financial Transaction Schedules)

SCHEDULE C (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Service Provider Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA). ▶ File as an attachment to Form 5500.	OMB No. 1210-0110
		2012
		This Form is Open to Public Inspection.

For calendar plan year 2012 or fiscal plan year beginning 01/01/2012 and ending 12/31/2012

A Name of plan <u>VERENIUM CORPORATION 401(K) PLAN</u>	B Three-digit plan number (PN) ▶ <u>001</u>
C Plan sponsor's name as shown on line 2a of Form 5500 <u>VERENIUM CORPORATION</u>	D Employer Identification Number (EIN) <u>22-3297375</u>

Part I Service Provider Information (see instructions)

You must complete this Part, in accordance with the instructions, to report the information required for **each person** who received, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of monetary value) in connection with services rendered to the plan or the person's position with the plan during the plan year. If a person received **only** eligible indirect compensation for which the plan received the required disclosures, you are required to answer line 1 but are not required to include that person when completing the remainder of this Part.

1 Information on Persons Receiving Only Eligible Indirect Compensation

a Check "Yes" or "No" to indicate whether you are excluding a person from the remainder of this Part because they received only eligible indirect compensation for which the plan received the required disclosures (see instructions for definitions and conditions)..... ☒ Yes ☐ No

b If you answered line 1a "Yes," enter the name and EIN or address of each person providing the required disclosures for the service providers who received only eligible indirect compensation. Complete as many entries as needed (see instructions).

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL

04-2647786

(b) Enter name and EIN or address of person who provided you disclosure on eligible indirect compensation
PUTNAM TRUST COMPANY ONE POST OFFICE SQUARE
BOSTON, MA 02109

(b) Enter name and EIN or address of person who provided you disclosures on eligible indirect compensation

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2. Information on Other Service Providers Receiving Direct or Indirect Compensation. Except for those persons for whom you answered "Yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

(a) Enter name and EIN or address (see instructions)

FIDELITY INVESTMENTS INSTITUTIONAL

04-2647786

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
64 37 65 60	RECORDKEEPER	31435	Yes ☒ No ☐	Yes ☒ No ☐	0	Yes ☒ No ☐

(a) Enter name and EIN or address (see instructions)

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
			Yes ☐ No ☐	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
			Yes ☐ No ☐	Yes ☐ No ☐		Yes ☐ No ☐

2. Information on Other Service Providers Receiving Direct or Indirect Compensation. Except for those persons for whom you answered "Yes" to line 1a above, complete as many entries as needed to list each person receiving, directly or indirectly, \$5,000 or more in total compensation (i.e., money or anything else of value) in connection with services rendered to the plan or their position with the plan during the plan year. (See instructions).

(a) Enter name and EIN or address (see instructions)

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
			Yes ☐ No ☐	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
			Yes ☐ No ☐	Yes ☐ No ☐		Yes ☐ No ☐

(a) Enter name and EIN or address (see instructions)

(b) Service Code(s)	(c) Relationship to employer, employee organization, or person known to be a party-in-interest	(d) Enter direct compensation paid by the plan. If none, enter -0-.	(e) Did service provider receive indirect compensation? (sources other than plan or plan sponsor)	(f) Did indirect compensation include eligible indirect compensation, for which the plan received the required disclosures?	(g) Enter total indirect compensation received by service provider excluding eligible indirect compensation for which you answered "Yes" to element (f). If none, enter -0-.	(h) Did the service provider give you a formula instead of an amount or estimated amount?
			Yes ☐ No ☐	Yes ☐ No ☐		Yes ☐ No ☐

Part I Service Provider Information (continued)

3 If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received \$1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation		
AF BALANCED R5 - AMERICAN FUNDS SER	0.05%	
95-2566717		
(a) Enter service provider name as it appears on line 2		
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation		
AF EUROPAC GROWTH R5 - AMERICAN FUN	0.05%	
95-2566717		
(a) Enter service provider name as it appears on line 2		
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation		
COLUMBIA ACORN Z - COLUMBIA MGT INV	0.40%	
04-3156901		

Part I Service Provider Information (continued)

3 If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received \$1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation		
HEARTLAND VAL PLS IS - ALPS FUND SE	0.25%	
20-3247785		
(a) Enter service provider name as it appears on line 2		
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation		
INVS DIVRS DIVD R5 - INVESCO AIM IN	0.35%	
98-0557567		
(a) Enter service provider name as it appears on line 2		
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation		
JENSEN QUAL GRTH J - US BANCORP FUN	0.40%	
39-0281260		

Part I Service Provider Information (continued)

3 If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received \$1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation		(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
JPM SMRTRET INCM I - BOSTON FINANCI	P.O. BOX 8480 BOSTON, MA 02266	0.15%
(a) Enter service provider name as it appears on line 2		(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation		(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
JPM SMRTRET 2010 I - BOSTON FINANCI	P.O. BOX 8480 BOSTON, MA 02266	0.15%
(a) Enter service provider name as it appears on line 2		(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation		(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
JPM SMRTRET 2015 I - BOSTON FINANCI	P.O. BOX 8480 BOSTON, MA 02266	0.15%

Part I Service Provider Information (continued)

3 If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received \$1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0

(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
JPM SMRTRET 2020 I - BOSTON FINANCI P.O. BOX 8480 BOSTON, MA 02266	0.15%

(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0

(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
JPM SMRTRET 2025 I - BOSTON FINANCI P.O. BOX 8480 BOSTON, MA 02266	0.15%

(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0

(d) Enter name and EIN (address) of source of indirect compensation	(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
JPM SMRTRET 2030 I - BOSTON FINANCI P.O. BOX 8480 BOSTON, MA 02266	0.15%

Part I Service Provider Information (continued)

3 If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received \$1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation		(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
JPM SMRTRET 2035 I - BOSTON FINANCI	P.O. BOX 8480 BOSTON, MA 02266	0.15%
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation		(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
JPM SMRTRET 2040 I - BOSTON FINANCI	P.O. BOX 8480 BOSTON, MA 02266	0.15%
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation		(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
JPM SMRTRET 2045 I - BOSTON FINANCI	P.O. BOX 8480 BOSTON, MA 02266	0.15%

Part I Service Provider Information (continued)

3 If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received \$1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation		(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
JPM SMRTRET 2050 I - BOSTON FINANCI P.O. BOX 8480 BOSTON, MA 02266	0.15%	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation		(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
MFS MA INV TRUST R4 - MFS SERVICE C 04-2865649	0.15%	
(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation		(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
OPP DEVELOPING MKT Y - OFI GLOBAL A TWO WORLD FINANCIAL CENTER 225 LIBERTY STREET, 14TH FLOOR NEW YORK, NY 10281	0.25%	

Part I Service Provider Information (continued)

3 If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received \$1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation		
PIF DVRSD REAL AST I - PRINCIPAL SH P.O. BOX 8024 BOSTON, MA 02266-8024	0.10%	
(a) Enter service provider name as it appears on line 2		
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation		
PIMCO TOT RETURN ADM - BOSTON FINAN P.O. BOX 8480 BOSTON, MA 02266	0.27%	
(a) Enter service provider name as it appears on line 2		
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation		
RDGWTH MID CAP VAL I - BOSTON FINAN P.O. BOX 8480 BOSTON, MA 02266	0.40%	

Part I Service Provider Information (continued)

3 If you reported on line 2 receipt of indirect compensation, other than eligible indirect compensation, by a service provider, and the service provider is a fiduciary or provides contract administrator, consulting, custodial, investment advisory, investment management, broker, or recordkeeping services, answer the following questions for (a) each source from whom the service provider received \$1,000 or more in indirect compensation and (b) each source for whom the service provider gave you a formula used to determine the indirect compensation instead of an amount or estimated amount of the indirect compensation. Complete as many entries as needed to report the required information for each source.

(a) Enter service provider name as it appears on line 2	(b) Service Codes (see instructions)	(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation		(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
THORNBURG INT VAL R5 - BOSTON FINAN	P.O. BOX 8480 BOSTON, MA 02266	0.25%
(a) Enter service provider name as it appears on line 2		(c) Enter amount of indirect compensation
FIDELITY INVESTMENTS INSTITUTIONAL	60	0
(d) Enter name and EIN (address) of source of indirect compensation		(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.
WFA SM CO GROWTH I - BOSTON FINANCI	330 W. 9TH STREET KANSAS CITY, MO 66160	0.15%
(a) Enter service provider name as it appears on line 2		(c) Enter amount of indirect compensation
(d) Enter name and EIN (address) of source of indirect compensation		(e) Describe the indirect compensation, including any formula used to determine the service provider's eligibility for or the amount of the indirect compensation.

Part II Service Providers Who Fail or Refuse to Provide Information

4 Provide, to the extent possible, the following information for each service provider who failed or refused to provide the information necessary to complete this Schedule.

(a) Enter name and EIN or address of service provider (see instructions)	(b) Nature of Service Code(s)	(c) Describe the information that the service provider failed or refused to provide

Part III **Termination Information on Accountants and Enrolled Actuaries (see instructions)**
(complete as many entries as needed)

a Name: JGD & ASSOCIATES, LLP	b EIN: 93-3132551
c Position: ACCOUNTANT	
d Address: 5355 MIRA SORRENTO PLACE SUITE 700 SAN DIEGO, CA 92121	e Telephone: 858-587-1000

Explanation: DUE TO INCORRECT EIN

a Name:	b EIN:
c Position:	
d Address:	e Telephone:

Explanation:

a Name:	b EIN:
c Position:	
d Address:	e Telephone:

Explanation:

a Name:	b EIN:
c Position:	
d Address:	e Telephone:

Explanation:

a Name:	b EIN:
c Position:	
d Address:	e Telephone:

Explanation:

SCHEDULE D (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration		DFE/Participating Plan Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA). ▶ File as an attachment to Form 5500.		OMB No. 1210-0110 2012 This Form is Open to Public Inspection.	
For calendar plan year 2012 or fiscal plan year beginning 01/01/2012 and ending 12/31/2012					
A Name of plan VERENIUM CORPORATION 401(K) PLAN				B Three-digit plan number (PN) ▶ 001	
C Plan or DFE sponsor's name as shown on line 2a of Form 5500 VERENIUM CORPORATION				D Employer Identification Number (EIN) 22-3297375	
Part I Information on interests in MTIAs, CCTs, PSAs, and 103-12 IEs (to be completed by plans and DFEs) (Complete as many entries as needed to report all interests in DFEs)					
a Name of MTIA, CCT, PSA, or 103-12 IE: PUTNAM STABLE VALUE					
b Name of sponsor of entity listed in (a): PUTNAM FIDUCIARY TRUST COMPANY					
c EIN-PN 04-3159710-202		d Entity code C		e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions) 1328466	
a Name of MTIA, CCT, PSA, or 103-12 IE:					
b Name of sponsor of entity listed in (a):					
c EIN-PN		d Entity code		e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)	
a Name of MTIA, CCT, PSA, or 103-12 IE:					
b Name of sponsor of entity listed in (a):					
c EIN-PN		d Entity code		e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)	
a Name of MTIA, CCT, PSA, or 103-12 IE:					
b Name of sponsor of entity listed in (a):					
c EIN-PN		d Entity code		e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)	
a Name of MTIA, CCT, PSA, or 103-12 IE:					
b Name of sponsor of entity listed in (a):					
c EIN-PN		d Entity code		e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)	
a Name of MTIA, CCT, PSA, or 103-12 IE:					
b Name of sponsor of entity listed in (a):					
c EIN-PN		d Entity code		e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)	
a Name of MTIA, CCT, PSA, or 103-12 IE:					
b Name of sponsor of entity listed in (a):					
c EIN-PN		d Entity code		e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)	
a Name of MTIA, CCT, PSA, or 103-12 IE:					
b Name of sponsor of entity listed in (a):					
c EIN-PN		d Entity code		e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)	
a Name of MTIA, CCT, PSA, or 103-12 IE:					
b Name of sponsor of entity listed in (a):					
c EIN-PN		d Entity code		e Dollar value of interest in MTIA, CCT, PSA, or 103-12 IE at end of year (see instructions)	

For Paperwork Reduction Act Notice and OMB Control Numbers, see the instructions for Form 5500.

Schedule D (Form 5500) 2012 v. 120126

a Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)**a** Name of MTIA, CCT, PSA, or 103-12 IE:**b** Name of sponsor of entity listed in (a):**c** EIN-PN**d** Entity
code**e** Dollar value of interest in MTIA, CCT, PSA, or
103-12 IE at end of year (see instructions)

Part II Information on Participating Plans (to be completed by DFEs)

(Complete as many entries as needed to report all participating plans)

a Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN**a** Plan name**b** Name of
plan sponsor**c** EIN-PN

SCHEDULE H (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Financial Information This schedule is required to be filed under section 104 of the Employee Retirement Income Security Act of 1974 (ERISA), and section 6058(a) of the Internal Revenue Code (the Code). ▶ File as an attachment to Form 5500.	OMB No. 1210-0110 2012 This Form is Open to Public Inspection
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For calendar plan year 2012 or fiscal plan year beginning 01/01/2012 and ending 12/31/2012		
A Name of plan VERENIUM CORPORATION 401(K) PLAN	B Three-digit plan number (PN) ▶	001
C Plan sponsor's name as shown on line 2a of Form 5500 VERENIUM CORPORATION	D Employer Identification Number (EIN) 22-3297375	

Part I Asset and Liability Statement			
1 Current value of plan assets and liabilities at the beginning and end of the plan year. Combine the value of plan assets held in more than one trust. Report the value of the plan's interest in a commingled fund containing the assets of more than one plan on a line-by-line basis unless the value is reportable on lines 1c(9) through 1c(14). Do not enter the value of that portion of an insurance contract which guarantees, during this plan year, to pay a specific dollar benefit at a future date. Round off amounts to the nearest dollar. MTIAs, CCTs, PSAs, and 103-12 IEs do not complete lines 1b(1), 1b(2), 1c(8), 1g, 1h, and 1i. CCTs, PSAs, and 103-12 IEs also do not complete lines 1d and 1e. See instructions.			
Assets		(a) Beginning of Year	(b) End of Year
a Total noninterest-bearing cash	1a		
b Receivables (less allowance for doubtful accounts):			
(1) Employer contributions	1b(1)	69260	36965
(2) Participant contributions	1b(2)	23125	0
(3) Other.....	1b(3)		
c General investments:			
(1) Interest-bearing cash (include money market accounts & certificates of deposit)	1c(1)		
(2) U.S. Government securities.....	1c(2)		
(3) Corporate debt instruments (other than employer securities):			
(A) Preferred	1c(3)(A)		
(B) All other.....	1c(3)(B)		
(4) Corporate stocks (other than employer securities):			
(A) Preferred	1c(4)(A)		
(B) Common	1c(4)(B)		
(5) Partnership/joint venture interests	1c(5)		
(6) Real estate (other than employer real property)	1c(6)		
(7) Loans (other than to participants)	1c(7)		
(8) Participant loans	1c(8)	146825	154315
(9) Value of interest in common/collective trusts.....	1c(9)	1701884	1328466
(10) Value of interest in pooled separate accounts.....	1c(10)		
(11) Value of interest in master trust investment accounts	1c(11)		
(12) Value of interest in 103-12 investment entities	1c(12)		
(13) Value of interest in registered investment companies (e.g., mutual funds).....	1c(13)	13111338	14973896
(14) Value of funds held in insurance company general account (unallocated contracts).....	1c(14)		
(15) Other	1c(15)		

1d Employer-related investments:		(a) Beginning of Year	(b) End of Year
(1) Employer securities	1d(1)		
(2) Employer real property	1d(2)		
e Buildings and other property used in plan operation	1e		
f Total assets (add all amounts in lines 1a through 1e)	1f	15052432	16493642

Liabilities

g Benefit claims payable	1g		
h Operating payables	1h		
i Acquisition indebtedness	1i		
j Other liabilities	1j	0	13021
k Total liabilities (add all amounts in lines 1g through 1j)	1k	0	13021

Net Assets

l Net assets (subtract line 1k from line 1f)	1l	15052432	16480621
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Part II Income and Expense Statement

2 Plan income, expenses, and changes in net assets for the year. Include all income and expenses of the plan, including any trust(s) or separately maintained fund(s) and any payments/receipts to/from insurance carriers. Round off amounts to the nearest dollar. MTIAs, CCTs, PSAs, and 103-12 IEs do not complete lines 2a, 2b(1)(E), 2e, 2f, and 2g.

Income

		(a) Amount	(b) Total
a Contributions:			
(1) Received or receivable in cash from: (A) Employers	2a(1)(A)	421214	
(B) Participants	2a(1)(B)	997471	
(C) Others (including rollovers)	2a(1)(C)	127848	
(2) Noncash contributions	2a(2)		
(3) Total contributions. Add lines 2a(1)(A) , (B) , (C) , and line 2a(2)	2a(3)		1546533
b Earnings on investments:			
(1) Interest:			
(A) Interest-bearing cash (including money market accounts and certificates of deposit)	2b(1)(A)		
(B) U.S. Government securities	2b(1)(B)		
(C) Corporate debt instruments	2b(1)(C)		
(D) Loans (other than to participants)	2b(1)(D)		
(E) Participant loans	2b(1)(E)	6473	
(F) Other	2b(1)(F)		
(G) Total interest. Add lines 2b(1)(A) through (F)	2b(1)(G)		6473
(2) Dividends: (A) Preferred stock	2b(2)(A)		
(B) Common stock	2b(2)(B)		
(C) Registered investment company shares (e.g. mutual funds)	2b(2)(C)	449239	
(D) Total dividends. Add lines 2b(2)(A) , (B) , and (C)	2b(2)(D)		449239
(3) Rents	2b(3)		
(4) Net gain (loss) on sale of assets: (A) Aggregate proceeds	2b(4)(A)		
(B) Aggregate carrying amount (see instructions)	2b(4)(B)		
(C) Subtract line 2b(4)(B) from line 2b(4)(A) and enter result	2b(4)(C)		
(5) Unrealized appreciation (depreciation) of assets: (A) Real estate	2b(5)(A)		
(B) Other	2b(5)(B)		
(C) Total unrealized appreciation of assets. Add lines 2b(5)(A) and (B)	2b(5)(C)		

		(a) Amount	(b) Total
(6) Net investment gain (loss) from common/collective trusts	2b(6)		28609
(7) Net investment gain (loss) from pooled separate accounts	2b(7)		
(8) Net investment gain (loss) from master trust investment accounts	2b(8)		
(9) Net investment gain (loss) from 103-12 investment entities	2b(9)		
(10) Net investment gain (loss) from registered investment companies (e.g., mutual funds).....	2b(10)		1601375
c Other income.....	2c		
d Total income. Add all income amounts in column (b) and enter total.....	2d		3632229

Expenses

e Benefit payment and payments to provide benefits:			
(1) Directly to participants or beneficiaries, including direct rollovers	2e(1)	2172357	
(2) To insurance carriers for the provision of benefits	2e(2)		
(3) Other	2e(3)		
(4) Total benefit payments. Add lines 2e(1) through (3).....	2e(4)		2172357
f Corrective distributions (see instructions)	2f		
g Certain deemed distributions of participant loans (see instructions).....	2g		
h Interest expense.....	2h		
i Administrative expenses: (1) Professional fees	2i(1)		
(2) Contract administrator fees	2i(2)		
(3) Investment advisory and management fees	2i(3)		
(4) Other	2i(4)	31683	
(5) Total administrative expenses. Add lines 2i(1) through (4).....	2i(5)		31683
j Total expenses. Add all expense amounts in column (b) and enter total.....	2j		2204040

Net Income and Reconciliation

k Net income (loss). Subtract line 2j from line 2d.....	2k		1428189
l Transfers of assets:			
(1) To this plan.....	2l(1)		
(2) From this plan	2l(2)		

Part III Accountant's Opinion

3 Complete lines 3a through 3c if the opinion of an independent qualified public accountant is attached to this Form 5500. Complete line 3d if an opinion is not attached.

a The attached opinion of an independent qualified public accountant for this plan is (see instructions):

(1) ☐ Unqualified (2) ☐ Qualified (3) ☒ Disclaimer (4) ☐ Adverse

b Did the accountant perform a limited scope audit pursuant to 29 CFR 2520.103-8 and/or 103-12(d)?

☒ Yes ☐ No

c Enter the name and EIN of the accountant (or accounting firm) below:

(1) Name: JGD & ASSOCIATES, LLP

(2) EIN: 95-3132551

d The opinion of an independent qualified public accountant is **not attached** because:

(1) ☐ This form is filed for a CCT, PSA, or MTIA. (2) ☐ It will be attached to the next Form 5500 pursuant to 29 CFR 2520.104-50.

Part IV Compliance Questions

4 CCTs and PSAs do not complete Part IV. MTIAs, 103-12 IEs, and GIAs do not complete lines 4a, 4e, 4f, 4g, 4h, 4k, 4m, 4n, or 5. 103-12 IEs also do not complete lines 4j and 4l. MTIAs also do not complete line 4l.

During the plan year:

a Was there a failure to transmit to the plan any participant contributions within the time period described in 29 CFR 2510.3-102? Continue to answer "Yes" for any prior year failures until fully corrected. (See instructions and DOL's Voluntary Fiduciary Correction Program.).....

b Were any loans by the plan or fixed income obligations due the plan in default as of the close of the plan year or classified during the year as uncollectible? Disregard participant loans secured by participant's account balance. (Attach Schedule G (Form 5500) Part I if "Yes" is checked.).....

	Yes	No	Amount
4a		X	
4b		X	

	Yes	No	Amount
c Were any leases to which the plan was a party in default or classified during the year as uncollectible? (Attach Schedule G (Form 5500) Part II if "Yes" is checked.)		X	
d Were there any nonexempt transactions with any party-in-interest? (Do not include transactions reported on line 4a. Attach Schedule G (Form 5500) Part III if "Yes" is checked.).....		X	
e Was this plan covered by a fidelity bond?.....	X		1000000
f Did the plan have a loss, whether or not reimbursed by the plan's fidelity bond, that was caused by fraud or dishonesty?		X	
g Did the plan hold any assets whose current value was neither readily determinable on an established market nor set by an independent third party appraiser?		X	
h Did the plan receive any noncash contributions whose value was neither readily determinable on an established market nor set by an independent third party appraiser?		X	
i Did the plan have assets held for investment? (Attach schedule(s) of assets if "Yes" is checked, and see instructions for format requirements.).....	X		
j Were any plan transactions or series of transactions in excess of 5% of the current value of plan assets? (Attach schedule of transactions if "Yes" is checked, and see instructions for format requirements.).....		X	
k Were all the plan assets either distributed to participants or beneficiaries, transferred to another plan, or brought under the control of the PBGC?.....		X	
l Has the plan failed to provide any benefit when due under the plan?		X	
m If this is an individual account plan, was there a blackout period? (See instructions and 29 CFR 2520.101-3.).....		X	
n If 4m was answered "Yes," check the "Yes" box if you either provided the required notice or one of the exceptions to providing the notice applied under 29 CFR 2520.101-3.		X	

5a Has a resolution to terminate the plan been adopted during the plan year or any prior plan year?
 If "Yes," enter the amount of any plan assets that reverted to the employer this year..... ☐ Yes ☒ No Amount:

5b If, during this plan year, any assets or liabilities were transferred from this plan to another plan(s), identify the plan(s) to which assets or liabilities were transferred. (See instructions.)

5b(1) Name of plan(s)

5b(2) EIN(s)	5b(3) PN(s)

Part V Trust Information (optional)

6a Name of trust

6b Trust's EIN

SCHEDULE R (Form 5500) Department of the Treasury Internal Revenue Service Department of Labor Employee Benefits Security Administration Pension Benefit Guaranty Corporation	Retirement Plan Information This schedule is required to be filed under section 104 and 4065 of the Employee Retirement Income Security Act of 1974 (ERISA) and section 6058(a) of the Internal Revenue Code (the Code). ▶ File as an attachment to Form 5500.	OMB No. 1210-0110 2012 This Form is Open to Public Inspection.
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For calendar plan year 2012 or fiscal plan year beginning 01/01/2012 and ending 12/31/2012

A Name of plan <u>VERENIUM CORPORATION 401(K) PLAN</u>	B Three-digit plan number (PN) ▶ <u>001</u>
C Plan sponsor's name as shown on line 2a of Form 5500 <u>VERENIUM CORPORATION</u>	D Employer Identification Number (EIN) <u>22-3297375</u>

Part I	Distributions
---------------	----------------------

All references to distributions relate only to payments of benefits during the plan year.

1 Total value of distributions paid in property other than in cash or the forms of property specified in the instructions.....	1	<u>0</u>
2 Enter the EIN(s) of payor(s) who paid benefits on behalf of the plan to participants or beneficiaries during the year (if more than two, enter EINs of the two payors who paid the greatest dollar amounts of benefits): EIN(s): <u>04-6568107</u>		
Profit-sharing plans, ESOPs, and stock bonus plans, skip line 3.		
3 Number of participants (living or deceased) whose benefits were distributed in a single sum, during the plan year.....	3	

Part II	Funding Information (If the plan is not subject to the minimum funding requirements of section 412 of the Internal Revenue Code or ERISA section 302, skip this Part)
----------------	--

4 Is the plan administrator making an election under Code section 412(d)(2) or ERISA section 302(d)(2)?.....	☐ Yes	☐ No	☐ N/A
If the plan is a defined benefit plan, go to line 8.			
5 If a waiver of the minimum funding standard for a prior year is being amortized in this plan year, see instructions and enter the date of the ruling letter granting the waiver. Date: Month _____ Day _____ Year _____ If you completed line 5, complete lines 3, 9, and 10 of Schedule MB and do not complete the remainder of this schedule.			
6 a Enter the minimum required contribution for this plan year (include any prior year accumulated funding deficiency not waived)	6a		
b Enter the amount contributed by the employer to the plan for this plan year	6b		
c Subtract the amount in line 6b from the amount in line 6a. Enter the result (enter a minus sign to the left of a negative amount).....	6c		
If you completed line 6c, skip lines 8 and 9.			
7 Will the minimum funding amount reported on line 6c be met by the funding deadline?	☐ Yes	☐ No	☐ N/A
8 If a change in actuarial cost method was made for this plan year pursuant to a revenue procedure or other authority providing automatic approval for the change or a class ruling letter, does the plan sponsor or plan administrator agree with the change?.....	☐ Yes	☐ No	☐ N/A

Part III	Amendments
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9 If this is a defined benefit pension plan, were any amendments adopted during this plan year that increased or decreased the value of benefits? If yes, check the appropriate box. If no, check the "No" box.....	☐ Increase	☐ Decrease	☐ Both	☐ No
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Part IV	ESOPs (see instructions). If this is not a plan described under Section 409(a) or 4975(e)(7) of the Internal Revenue Code, skip this Part.
----------------	---

10 Were unallocated employer securities or proceeds from the sale of unallocated securities used to repay any exempt loan?.....	☐ Yes	☐ No
11 a Does the ESOP hold any preferred stock?	☐ Yes	☐ No
b If the ESOP has an outstanding exempt loan with the employer as lender, is such loan part of a "back-to-back" loan? (See instructions for definition of "back-to-back" loan.).....	☐ Yes	☐ No
12 Does the ESOP hold any stock that is not readily tradable on an established securities market?	☐ Yes	☐ No

Part V Additional Information for Multiemployer Defined Benefit Pension Plans

13 Enter the following information for each employer that contributed more than 5% of total contributions to the plan during the plan year (measured in dollars). See instructions. *Complete as many entries as needed to report all applicable employers.*

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

a Name of contributing employer

b EIN

c Dollar amount contributed by employer

d Date collective bargaining agreement expires (If employer contributes under more than one collective bargaining agreement, check box ☐ and see instructions regarding required attachment. Otherwise, enter the applicable date.) Month _____ Day _____ Year _____

e Contribution rate information (If more than one rate applies, check this box ☐ and see instructions regarding required attachment. Otherwise, complete lines 13e(1) and 13e(2).)

(1) Contribution rate (in dollars and cents) _____

(2) Base unit measure: ☐ Hourly ☐ Weekly ☐ Unit of production ☐ Other (specify): _____

- 14** Enter the number of participants on whose behalf no contributions were made by an employer as an employer of the participant for:

a The current year	14a	
b The plan year immediately preceding the current plan year	14b	
c The second preceding plan year	14c	

- 15** Enter the ratio of the number of participants under the plan on whose behalf no employer had an obligation to make an employer contribution during the current plan year to:

a The corresponding number for the plan year immediately preceding the current plan year	15a	
b The corresponding number for the second preceding plan year	15b	

- 16** Information with respect to any employers who withdrew from the plan during the preceding plan year:

a Enter the number of employers who withdrew during the preceding plan year	16a	
b If line 16a is greater than 0, enter the aggregate amount of withdrawal liability assessed or estimated to be assessed against such withdrawn employers	16b	

- 17** If assets and liabilities from another plan have been transferred to or merged with this plan during the plan year, check box and see instructions regarding supplemental information to be included as an attachment. ☐

Part VI Additional Information for Single-Employer and Multiemployer Defined Benefit Pension Plans

- 18** If any liabilities to participants or their beneficiaries under the plan as of the end of the plan year consist (in whole or in part) of liabilities to such participants and beneficiaries under two or more pension plans as of immediately before such plan year, check box and see instructions regarding supplemental information to be included as an attachment. ☐

- 19** If the total number of participants is 1,000 or more, complete lines (a) through (c)

a Enter the percentage of plan assets held as:
 Stock: _____% Investment-Grade Debt: _____% High-Yield Debt: _____% Real Estate: _____% Other: _____%

b Provide the average duration of the combined investment-grade and high-yield debt:
☐ 0-3 years ☐ 3-6 years ☐ 6-9 years ☐ 9-12 years ☐ 12-15 years ☐ 15-18 years ☐ 18-21 years ☐ 21 years or more

c What duration measure was used to calculate line 19(b)?
☐ Effective duration ☐ Macaulay duration ☐ Modified duration ☐ Other (specify): _____

VERENIUM CORPORATION 401(K) PLAN

FINANCIAL REPORT

DECEMBER 31, 2012 AND 2011

VERENIUM CORPORATION 401(K) PLAN

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All other schedules required by the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974 are omitted because of the absence of conditions under which they are required.



JGD & Associates LLP
CERTIFIED PUBLIC ACCOUNTANTS

www.JGDnet.com

INDEPENDENT AUDITOR'S REPORT

To the Retirement Plan Committee of
Verenium Corporation 401(k) Plan
San Diego, California

Report on the Financial Statements

We were engaged to audit the accompanying financial statements of Verenium Corporation 401(k) Plan, which comprise the statements of net assets available for benefits as of December 31, 2012 and 2011, and the related statement of changes in net assets available for benefits for the year ended December 31, 2012, and the related notes to the financial statements.

Management's Responsibility for the Financial Statements

Plan management is responsible for the preparation and fair presentation of these financial statements in accordance with accounting principles generally accepted in the United States of America; this includes the design, implementation, and maintenance of internal control relevant to the preparation and fair presentation of financial statements that are free of material misstatement, whether due to fraud or error.

Auditor's Responsibility

Our responsibility is to express an opinion on these financial statements based on conducting the audit in accordance with auditing standards generally accepted in the United States of America. Because of the matter described in the Basis for Disclaimer of Opinion paragraph, however, we were not able to obtain sufficient appropriate audit evidence to provide a basis for an audit opinion.

Basis for Disclaimer of Opinion

As permitted by 29 CFR Section 2520.103-8 of the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974, the plan administrator instructed us not to perform, and we did not perform, any auditing procedures with respect to the information summarized in Note 3, which was certified by Fidelity Management Trust Company, the trustee of the Plan, except for comparing such information with the related information included in the financial statements and supplemental schedule. We have been informed by the plan administrator that the trustee holds the Plan's investment assets and executes investment transactions. The plan administrator has obtained certifications from the trustee as of and for the years ended December 31, 2012 and 2011 that the information provided to the plan administrator by the trustee is complete and accurate.

Disclaimer of Opinion

Because of the significance of the matter discussed in the Basis for Disclaimer of Opinion paragraph, we have not been able to obtain sufficient, appropriate audit evidence to provide a basis for an audit opinion. Accordingly, we do not express an opinion on these financial statements.

Other Matter

We were engaged for the purpose of forming an opinion on the financial statements as a whole. The supplemental schedule of Schedule H, Line 4i – Schedule of Assets (Held at End of Year), which is the responsibility of plan management, is presented for the purpose of additional analysis and is not a required part of the financial statements but is required by the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974. Because of the significance of the matter described in the Basis for Disclaimer of Opinion paragraph, it is inappropriate to and we do not express an opinion on the supplemental schedule referred to above.

Report on Form and Content in Compliance With DOL Rules and Regulations

The form and content of the information included in the financial statements and supplemental schedule, other than that derived from the information certified by the trustee, have been audited by us in accordance with auditing standards generally accepted in the United States of America and, in our opinion, are presented in compliance with the Department of Labor's Rules and Regulations for Reporting and Disclosure under the Employee Retirement Income Security Act of 1974.

JGD & Associates LLP

San Diego, California
October 7, 2013

Verenium Corporation 401(k) Plan
STATEMENTS OF NET ASSETS AVAILABLE FOR BENEFITS
December 31, 2012 and 2011

	<u>2012</u>	<u>2011</u>
<u>ASSETS</u>		
INVESTMENTS, AT FAIR VALUE (Notes 2, 3, 4 and 5)	\$ <u>16,343,412</u>	\$ <u>14,871,086</u>
RECEIVABLES		
Employer's contributions	36,965	69,260
Participants' contributions	0	23,125
Notes receivable from participants (Notes 2 and 3)	<u>154,315</u>	<u>146,825</u>
Total receivables	<u>191,280</u>	<u>239,210</u>
Total assets	<u>16,534,692</u>	<u>15,110,296</u>
<u>LIABILITIES</u>		
EXCESS CONTRIBUTIONS	<u>13,021</u>	<u>0</u>
Total liabilities	<u>13,021</u>	<u>0</u>
NET ASSETS REFLECTING INVESTMENTS AT FAIR VALUE	16,521,671	15,110,296
Adjustment from fair value to contract value for interest in fully benefit-responsive common/collective trust	<u>(41,050)</u>	<u>(57,864)</u>
NET ASSETS AVAILABLE FOR BENEFITS	\$ <u><u>16,480,621</u></u>	\$ <u><u>15,052,432</u></u>

Verenium Corporation 401(k) Plan
STATEMENT OF CHANGES IN NET ASSETS AVAILABLE FOR BENEFITS
Year ended December 31, 2012

ADDITIONS TO (SUBTRACTIONS FROM)
NET ASSETS ATTRIBUTED TO

Investment income (loss) (Notes 2, 3 and 4)

Net appreciation (depreciation) in fair value of investments	\$ 1,601,375
Dividends	449,239
Interest	<u>28,609</u>

Net investment income (loss)	<u>2,079,223</u>
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Interest income on notes receivable from participants (Notes 2 and 3)	<u>6,473</u>
---	--------------

Contributions

Employer's	421,214
Participants'	997,471
Participants' rollovers	<u>127,848</u>

Total contributions	<u>1,546,533</u>
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Total additions (subtractions)	<u>3,632,229</u>
--------------------------------	------------------

DEDUCTIONS FROM NET ASSETS ATTRIBUTED TO

Benefits paid to participants	2,172,357
Administrative expenses	<u>31,683</u>

Total deductions	<u>2,204,040</u>
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Net increase (decrease)	1,428,189
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NET ASSETS AVAILABLE FOR BENEFITS

Beginning of year	<u>15,052,432</u>
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End of year	<u><u>\$ 16,480,621</u></u>
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The accompanying notes are an integral part of these financial statements.

Verenium Corporation 401(k) Plan
NOTES TO THE FINANCIAL STATEMENTS
December 31, 2012 and 2011

NOTE 1--DESCRIPTION OF PLAN

The following description of the Verenium Corporation 401(k) Plan (the Plan) provides only general information. Participants should refer to the plan agreement for a more complete description of the Plan's provisions.

General : The Plan, which was adopted on January 1, 1995, is a defined contribution plan covering substantially all employees of Verenium Corporation (the Company) who meet the eligibility requirements. The Plan is subject to the provisions of the Employee Retirement Income Security Act of 1974 (ERISA).

Contributions : Participant salary reduction contributions: Participants may contribute up to 75% of pretax annual compensation, as defined by the Plan. Unless affirmatively elected otherwise, employees are automatically enrolled in the Plan upon meeting eligibility requirements. The default rate for automatic enrollment is 6% of pretax annual compensation. Participants who have attained age 50 before the end of the plan year are eligible to make catch-up contributions. Such contributions are 100% vested and non-forfeitable. Participants are permitted to designate a portion or all of the deferral contributions they are otherwise eligible to make under the Plan's Roth deferral contributions. Participant contributions are subject to certain limitations.

Non-discretionary employer matching contributions: The Company makes non-discretionary matching contributions of 66% of each participant's contributions up to 6% of the participant's compensation per pay period. Effective January 2012, the Plan was amended to require the participant to be employed on the last day of the contribution period in order to be eligible to receive a non-discretionary employer matching contribution. These non-discretionary matching contributions are subject to overall employer contribution limits and additions to individual participant account limits. Each participant will be vested in his non-discretionary employer matching contributions per the vesting schedule.

Discretionary employer non-elective contributions: The Company may make a discretionary non-elective contribution at the Board of Directors' discretion allocated to participants based on the participant's compensation as a portion of total compensation. Employees must be employed at the end of the plan year and have worked 1,000 hours to be eligible for the discretionary non-elective contribution. Former employees who terminated employment during the year due to death, disability, or retirement would also be eligible. The Company has elected to not make a discretionary non-elective contribution for the year ended December 31, 2012.

Participant rollover contributions: The Plan allows participants to make rollover contributions. Such contributions are 100% vested and non-forfeitable.

NOTE 1--DESCRIPTION OF PLAN (Continued)

- Eligibility to participate : Employees who are at least 21 years of age are eligible to participate. The Plan does not have a service requirement. Participants are eligible to enroll in the Plan on the first day of the month following these requirements and are automatically enrolled in the Plan unless they affirmatively elect otherwise.
- Forfeitures : At December 31, 2012 and 2011, forfeited nonvested accounts held by the Plan totaled \$12,670 and \$47. These accounts will be used to reduce administrative expenses and employer contributions. During 2012, forfeited nonvested accounts were used to reduce employer contributions by \$23,621, and to reduce administrative expenses by \$0.
- Notes receivable from participants : Participants may borrow from their fund account a minimum of \$1,000 up to a maximum equal to the lesser of \$50,000 or 50% of their account balance. The loans are secured by the balance in the participant's account and bear interest at a rate of 4.25%, which approximates current market conditions.
- Participant accounts : Upon enrollment in the Plan, a participant directs contributions in any of the available investment options. Individual accounts are maintained for each plan participant. Each participant's account is credited with the participant's salary reduction, rollover contributions, non-discretionary employer matching contributions and an allocation of the discretionary employer non-elective contribution and plan earnings and charged with an allocation of administrative expenses. Allocations are based on participant's compensation or account balances, as defined by the Plan. The benefit to which a participant is entitled is the amount that can be provided from the participant's vested account. All investments are directed by plan participants.
- Payment of benefits : A participant's vested account balance becomes distributable upon termination of service due to disability, retirement or death. Upon severance of employment for other than disability, retirement or death, benefits are paid to employees based on the amount allocated to their account multiplied by the vesting percentage at the time of termination. The distribution shall be made to the participant or beneficiary in accordance with the election of the participant. Participants may defer receiving these benefits until their normal retirement age if their vested account balance exceeds \$5,000.
- Vesting : Participants are immediately vested in their rollover and salary reduction contributions plus actual earnings thereon. Vesting in non-discretionary employer matching and discretionary employer non-elective contributions is based on a plan year, which is defined as 1,000 hours of service. Accrued benefits vest as follows:

<u>Years of Service</u>	<u>Vested Interest</u>
Less than 1	0%
1	50%
2 or more	100%

NOTE 1--DESCRIPTION OF PLAN (Continued)

Vesting (continued) : Participants become fully vested upon termination for reason of retirement, death or disability, or if the Plan is terminated. Nonvested benefits are forfeited by participants upon termination for reasons other than normal retirement, death or disability.

NOTE 2--SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES

Basis of accounting : The financial statements of the Plan are prepared on the accrual basis of accounting.

Investment contracts held by a defined contribution plan are required to be reported at fair value. However, contract value is the relevant measurement attribute for that portion of the net assets available for benefits of a defined contribution plan attributable to fully benefit-responsive investment contracts because contract value is the amount participants would receive if they were to initiate permitted transactions under the terms of the Plan. The Plan invests in investment contracts through a common/collective trust. The Statements of Net Assets Available for Benefits presents the fair value of the investment in the common/collective trust as well as the adjustment of the investment in the common/collective trust from fair value to contract value. The Statement of Changes in Net Assets Available for Benefits is prepared on a contract value basis for fully benefit-responsive common/collective trusts.

Administrative expenses : Certain expenses of maintaining the Plan are paid directly by the Company and are excluded from these financial statements. Fees related to the administration of notes receivable from participants are charged directly to the participant's account and are included in administrative expenses. Investment related expenses are included in net appreciation (depreciation) in fair value of investments.

Investment valuation and income recognition : Investments are reported at fair value except for its fully benefit-responsive investment in a common/collective trust which is valued at contract value. Fair value is the price that would be received to sell an asset or paid to transfer a liability in an orderly transaction between market participants at the measurement date. See Note 5 for discussion of fair value measurements.

Purchases and sales of securities are recorded on a trade-date basis. Interest income is recorded on the accrual basis. Dividends are recorded on the ex-dividend date. Net appreciation (depreciation) includes the Plan's gains and losses on investments bought and sold as well as held during the year.

Notes receivable from participants : Notes receivable from participants are measured at their unpaid principal balance plus any accrued but unpaid interest. Interest income is recorded on the accrual basis. Principal and interest are paid ratably through payroll deductions. Related fees are recorded as administrative expenses and are expensed when incurred. No allowance for credit losses have been recorded as of December 31, 2012 and 2011. If a participant ceases to make loan repayments and the plan administrator deems the participant loan to be in default, the participant loan balance is reduced and a benefit payment is recorded.

NOTE 2--SUMMARY OF SIGNIFICANT ACCOUNTING POLICIES (Continued)

- Payment of benefits : Benefits are recorded when paid.
- Subsequent events : The Plan has evaluated subsequent events through October 7, 2013, the date the financial statements were available to be issued.
- Use of estimates : The preparation of financial statements in accordance with accounting principles generally accepted in the United States of America requires management to make estimates and assumptions that affect the reported amounts of assets, liabilities, and changes therein, and disclosure of contingent assets and liabilities. Accordingly, actual results may differ from those estimates.

NOTE 3--CERTIFIED INFORMATION

The following is a summary of the certified information regarding the Plan, included in the Plan's financial statements and supplemental schedule that was prepared by or derived from information prepared by Fidelity Management Trust Company, the trustee of the Plan, and furnished to the plan administrator. The plan administrator has obtained certifications from the trustee that the information is complete and accurate as of December 31, 2012 and 2011. Certified information is summarized as follows:

	<u>2012</u>	<u>2011</u>
Investments, at fair value	\$ 16,343,412	\$ 14,871,086
Adjustment from fair value to contract value for interest in common/collective trust	(41,050)	(57,864)
Notes receivable from participants	<u>154,315</u>	<u>146,825</u>
Total investments and assets certified by trustee	<u>\$ 16,456,677</u>	<u>\$ 14,960,047</u>

Changes in net assets certified by the trustee and not audited for the year ended December 31, 2012 include the following:

Net appreciation (depreciation) in fair value of investments	\$ 1,601,375
Dividends	449,239
Interest	28,609
Interest income on notes receivable from participants	6,473
Administrative expenses	(31,683)

NOTE 4--INVESTMENTS

The Plan's investments are held in a trust fund. Investments that represent 5% or more of the Plan's net assets are separately identified as of December 31:

	<u>2012</u>	<u>2011</u>
Investments at Fair Value as Determined by Quoted Market Price		
Mutual funds		
Columbia Acorn Fund	1,618,144	1,455,854
Fidelity Spartan 500 Index Advantage Fund	1,288,655	1,031,913
Heartland Value Plus Institutional Fund	1,167,123	1,302,382
Jensen Quality Growth Fund	1,262,258	1,295,839
JPMorgan SmartRetirement 2030 Fund	815,725	793,103
MFS Massachusetts Investors Trust Fund	1,248,499	1,067,361
Thornburg International Value Fund	1,101,805	1,077,616
Other mutual funds	<u>6,471,687</u>	<u>5,087,270</u>
Total mutual funds, at fair value	<u>14,973,896</u>	<u>13,111,338</u>
Investments at contract value		
Common/collective trust		
Putnam Stable Value Fund	<u>1,328,466</u>	<u>1,701,884</u>
Total investments at contract value	<u>1,328,466</u>	<u>1,701,884</u>
Adjustment from contract value to fair value	<u>41,050</u>	<u>57,864</u>
Total investments, at fair value	<u>\$ 16,343,412</u>	<u>\$ 14,871,086</u>

During the year ended December 31, 2012, the Plan's investments (including investments bought, sold and held during the year) appreciated (depreciated) in value as follows:

Mutual funds	<u>\$ 1,601,375</u>
Net change in fair value of investments	<u>\$ 1,601,375</u>

NOTE 5--FAIR VALUE MEASUREMENTS

The fair value measurement accounting literature provides a framework for measuring fair value. That framework provides a fair value hierarchy that prioritizes the inputs to valuation techniques used to measure fair value. The hierarchy gives the highest priority to unadjusted quoted prices in active markets for identical assets or liabilities (level 1 measurements) and the lowest priority to unobservable inputs (level 3 measurements). The asset's or liability's fair value measurement level within the fair value hierarchy is based on the lowest level of any input that is significant to the fair value measurement. Valuation techniques used need to maximize the use of observable inputs and minimize the use of unobservable inputs. The three levels of the fair value hierarchy and a description of the valuation methodologies used for assets measured at fair value are described as follows:

NOTE 5--FAIR VALUE MEASUREMENTS (Continued)

Level 1 Fair Value Measurements

Inputs to the valuation methodology are unadjusted quoted prices for identical assets or liabilities in active markets that the Plan has the ability to access.

Mutual funds are valued at the daily closing price as reported by the fund. Mutual funds held by the Plan are open-end mutual funds that are registered with the Securities and Exchange Commission. These funds are required to publish their daily net asset value (NAV) and to transact at that price. The mutual funds held by the Plan are deemed to be actively traded.

Level 2 Fair Value Measurements

Inputs to the valuation methodology include (a) quoted prices for similar assets or liabilities in active markets, (b) quoted prices for identical or similar assets or liabilities in inactive markets, (c) inputs other than quoted prices that are observable for the asset or liability or (d) inputs that are derived principally from or corroborated by observable market data by correlation or other means. If the asset or liability has a specified (contractual) term, the level 2 input must be observable for substantially the full term of the asset or liability.

Common/collective trust funds are valued at the NAV of units of a bank collective trust. The NAV, as provided by the trustee, is used as a practical expedient to estimate fair value. The NAV is based on the fair value of the underlying investments held by the fund less its liabilities. This practical expedient is not used when it is determined to be probable that the fund will sell the investment for an amount different than the reported NAV. Participant transactions (purchases and sales) may occur daily. Were the Plan to initiate a full redemption of the collective trust, the investment adviser reserves the right to temporarily delay withdrawal from the trust in order to ensure that securities liquidations will be carried out in an orderly business manner.

Level 3 Fair Value Measurements

Inputs to the valuation methodology are unobservable and significant to the fair value measurement.

The Plan held no level 3 assets as of December 31, 2012 and 2011.

The methods described above may produce a fair value calculation that may not be indicative of net realizable value or reflective of future fair values. Furthermore, while plan management believes its valuation methods are appropriate and consistent with other market participants, the use of different methodologies or assumptions to determine the fair value of certain financial instruments could result in a different fair value measurement at the reporting date.

NOTE 5--FAIR VALUE MEASUREMENTS (Continued)

The following tables set forth by level, within the fair value hierarchy, the Plan's assets at fair value as of December 31, 2012 and 2011:

Assets at Fair Value as of December 31, 2012

	<u>Fair Value</u>	<u>Level 1</u>	<u>Level 2</u>	<u>Level 3</u>
Common/collective trust (a)	\$ 1,369,516	\$ 0	\$ 1,369,516	\$ 0
Mutual funds				
Bond (b)	1,003,384	1,003,384	0	0
International (c)	1,596,543	1,596,543	0	0
Large cap (d)	5,066,915	5,066,915	0	0
Lifecycle (e)	3,337,798	3,337,798	0	0
Mid cap (f)	2,708,209	2,708,209	0	0
Small cap (g)	1,261,047	1,261,047	0	0
Total	<u>\$ 16,343,412</u>	<u>\$ 14,973,896</u>	<u>\$ 1,369,516</u>	<u>\$ 0</u>

Assets at Fair Value as of December 31, 2011

	<u>Fair Value</u>	<u>Level 1</u>	<u>Level 2</u>	<u>Level 3</u>
Common/collective trust (a)	\$ 1,759,748	\$ 0	\$ 1,759,748	\$ 0
Mutual funds				
Bond (b)	708,091	708,091	0	0
International (c)	1,385,362	1,385,362	0	0
Large cap (d)	4,550,540	4,550,540	0	0
Lifecycle (e)	2,670,759	2,670,759	0	0
Mid cap (f)	2,486,693	2,486,693	0	0
Small cap (g)	1,309,893	1,309,893	0	0
Total	<u>\$ 14,871,086</u>	<u>\$ 13,111,338</u>	<u>\$ 1,759,748</u>	<u>\$ 0</u>

- (a) Common/collective trust: A fund that is intended to preserve principal and achieve high current income through a diversified portfolio of high-quality guaranteed investment contracts and similar contracts issued by insurance companies, banks and other financial institutions.
- (b) Bond: A mutual fund that is intended to produce a predictable stream of income derived from ownership in corporate or government bonds and other fixed income instruments with varying maturities.
- (c) International: A mutual fund that invests primarily in companies located outside of its investors' country of residence.
- (d) Large cap: A mutual fund that invests in companies with a market capitalization of greater than \$10 billion at the time of purchase.
- (e) Lifecycle: A mutual fund diversified over a range of asset categories. Each Lifecycle fund has an allocation strategy for the underlying equity, fixed income and short term mutual funds based on the number of years until the funds reach their target retirement dates. Each fund with a target retirement date will gradually adopt a more conservative asset allocation as it approaches its target retirement date.

NOTE 5--FAIR VALUE MEASUREMENTS (Continued)

- (f) Mid cap: A mutual fund that invests in mid-sized companies generally ranging from \$2 billion to \$10 billion in market capitalization at the time of purchase.
- (g) Small cap: A mutual fund that invests in companies with a market capitalization of between \$300 million and \$2 billion at the time of purchase.

NOTE 6--PLAN TERMINATION

Although it has not expressed any intent to do so, the Company has the right under the Plan to discontinue its contributions at any time and to terminate the Plan subject to the provisions of ERISA. In the event of plan termination, participants will become 100% vested in their accounts.

NOTE 7--TAX STATUS

As of December 31, 2012, an IRS determination letter has not been obtained for the Plan instrument as adopted, but an IRS "prototype" opinion letter dated March 31, 2008 has been obtained by Fidelity Management and Research Company, the service provider, regarding the original plan document. Although the Plan has been amended since receiving the IRS "prototype" opinion letter, the plan administrator believes the Plan is designed and is currently being operated in compliance with the applicable requirements of the Internal Revenue Code (IRC). Therefore, plan management believes that the Plan is qualified and the related trust is tax exempt.

Accounting principles generally accepted in the United States of America require plan management to evaluate tax positions taken by the Plan and recognize a tax liability (or asset) if the Plan has taken an uncertain position that more likely than not would not be sustained upon examination by the U.S. Department of Labor (DOL) Employee Benefits Security Administration (EBSA). Plan management has analyzed the tax positions taken by the Plan, and has concluded that as of December 31, 2012, there are no uncertain positions taken or expected to be taken that would require recognition of a liability (or asset) or disclosure in the financial statements. The plan is subject to routine audits by taxing jurisdictions; however, there are currently no audits for any tax periods in progress. Plan management believes it is no longer subject to income tax examinations for years prior to 2009.

NOTE 8--PARTY-IN-INTEREST TRANSACTIONS

Certain plan investments are shares of mutual funds managed by Fidelity Management Trust Company, the trustee of the Plan. Fidelity Management Trust Company is the trustee as defined by the Plan and, therefore, these transactions qualify as party-in-interest transactions.

NOTE 9--RISKS AND UNCERTAINTIES

The Plan invests in various investment securities. Investment securities are exposed to various risks such as interest rate, market and credit risks. Due to the level of risk associated with certain investment securities, it is at least reasonably possible that changes in the values of investment securities will occur in the near term and that such changes could materially affect participants' account balances and the amounts reported in the Statements of Net Assets Available for Benefits.

SUPPLEMENTARY INFORMATION

Verenium Corporation 401(k) Plan
(EIN # 22-3297375) (Plan # 001)
Schedule H, Part IV Line 4i - SCHEDULE OF ASSETS (HELD AT END OF YEAR)
December 31, 2012

(a)	(b) Identity of issue, borrower, lessor, or similar party	(c) Description of investment including maturity date, rate of interest, collateral, par or maturity value	(d) Cost	(e) Current value
	Common/collective trust			
	Putnam Investments	Putnam Stable Value Fund	\$	\$ 1,369,516
	Mutual funds			
	American Funds	American Funds American Balanced Fund		598,532
	American Funds	American Funds EuroPacific Growth Fund		193,420
	Columbia Management	Columbia Acorn Fund		1,618,144
*	Fidelity Investments	Fidelity Government Income Fund		493,748
*	Fidelity Investments	Fidelity Low-Priced Stock Fund		34,953
*	Fidelity Investments	Fidelity Spartan 500 Index Advantage Fund		1,288,655
*	Fidelity Investments	Fidelity Spartan Extended Market Index Advantage Fund		380,053
	Heartland Funds	Heartland Value Plus Institutional Fund		1,167,123
	Invesco	Invesco Diversified Dividend Institutional Fund		660,820
	Jensen Investment Management	Jensen Quality Growth Fund		1,262,258
	JPMorgan	JPMorgan SmartRetirement 2010 Fund		61,752
	JPMorgan	JPMorgan SmartRetirement 2015 Fund		80,919
	JPMorgan	JPMorgan SmartRetirement 2020 Fund		591,416
	JPMorgan	JPMorgan SmartRetirement 2025 Fund		222,967
	JPMorgan	JPMorgan SmartRetirement 2030 Fund		815,725
	JPMorgan	JPMorgan SmartRetirement 2035 Fund		453,485
	JPMorgan	JPMorgan SmartRetirement 2040 Fund		652,011
	JPMorgan	JPMorgan SmartRetirement 2045 Fund		177,037
	JPMorgan	JPMorgan SmartRetirement 2050 Fund		119,015
	JPMorgan	JPMorgan SmartRetirement Income Institutional Fund		163,471
	MFS	MFS Massachusetts Investors Trust Fund		1,248,499
	Oppenheimer Funds	Oppenheimer Developing Markets Fund		301,318

Verenium Corporation 401(k) Plan
(EIN # 22-3297375) (Plan # 001)
Schedule H, Part IV Line 4i - SCHEDULE OF ASSETS (HELD AT END OF YEAR) (Continued)
December 31, 2012

(a)	(b) Identity of issue, borrower, lessor, or similar party	(c) Description of investment including maturity date, rate of interest, collateral, par or maturity value	(d) Cost	(e) Current value
	Mutual funds (continued)			
	PIMCO	PIMCO Total Return Admin Fund		509,636
	Principal	Principal Diversified Real Asset Fund		8,151
	RidgeWorth Investments	RidgeWorth Mid-Cap Value Equity Fund		675,059
	Thornburg Investment Management	Thornburg International Value Fund		1,101,805
	Wells Fargo Advantage	Wells Fargo Advantage Small Co Growth Fund		93,924
	Total investments		0	16,343,412
*	Participant loans	Interest rate is 4.25%		154,315
	Total		\$ 0	\$ 16,497,727

* Indicates party-in-interest

In accordance with ERISA section 404(c), cost information is not required when reporting investments of an individual account plan that is participant or beneficiary directed.

Verenium Corporation 401(k) Plan
(EIN # 22-3297375) (Plan # 001)
Schedule H, Part IV Line 4i - SCHEDULE OF ASSETS (HELD AT END OF YEAR)
December 31, 2012

(a)	(b) Identity of issue, borrower, lessor, or similar party	(c) Description of investment including maturity date, rate of interest, collateral, par or maturity value	(d) Cost	(e) Current value
	Common/collective trust			
	Putnam Investments	Putnam Stable Value Fund	\$	\$ 1,369,516
	Mutual funds			
	American Funds	American Funds American Balanced Fund		598,532
	American Funds	American Funds EuroPacific Growth Fund		193,420
	Columbia Management	Columbia Acorn Fund		1,618,144
*	Fidelity Investments	Fidelity Government Income Fund		493,748
*	Fidelity Investments	Fidelity Low-Priced Stock Fund		34,953
*	Fidelity Investments	Fidelity Spartan 500 Index Advantage Fund		1,288,655
*	Fidelity Investments	Fidelity Spartan Extended Market Index Advantage Fund		380,053
	Heartland Funds	Heartland Value Plus Institutional Fund		1,167,123
	Invesco	Invesco Diversified Dividend Institutional Fund		660,820
	Jensen Investment Management	Jensen Quality Growth Fund		1,262,258
	JPMorgan	JPMorgan SmartRetirement 2010 Fund		61,752
	JPMorgan	JPMorgan SmartRetirement 2015 Fund		80,919
	JPMorgan	JPMorgan SmartRetirement 2020 Fund		591,416
	JPMorgan	JPMorgan SmartRetirement 2025 Fund		222,967
	JPMorgan	JPMorgan SmartRetirement 2030 Fund		815,725
	JPMorgan	JPMorgan SmartRetirement 2035 Fund		453,485
	JPMorgan	JPMorgan SmartRetirement 2040 Fund		652,011
	JPMorgan	JPMorgan SmartRetirement 2045 Fund		177,037
	JPMorgan	JPMorgan SmartRetirement 2050 Fund		119,015
	JPMorgan	JPMorgan SmartRetirement Income Institutional Fund		163,471
	MFS	MFS Massachusetts Investors Trust Fund		1,248,499
	Oppenheimer Funds	Oppenheimer Developing Markets Fund		301,318

Verenium Corporation 401(k) Plan
(EIN # 22-3297375) (Plan # 001)
Schedule H, Part IV Line 4i - SCHEDULE OF ASSETS (HELD AT END OF YEAR) (Continued)
December 31, 2012

(a)	(b) Identity of issue, borrower, lessor, or similar party	(c) Description of investment including maturity date, rate of interest, collateral, par or maturity value	(d) Cost	(e) Current value
	Mutual funds (continued)			
	PIMCO	PIMCO Total Return Admin Fund		509,636
	Principal	Principal Diversified Real Asset Fund		8,151
	RidgeWorth Investments	RidgeWorth Mid-Cap Value Equity Fund		675,059
	Thornburg Investment Management	Thornburg International Value Fund		1,101,805
	Wells Fargo Advantage	Wells Fargo Advantage Small Co Growth Fund		93,924
	Total investments		0	16,343,412
*	Participant loans	Interest rate is 4.25%		154,315
	Total		\$ 0	\$ 16,497,727

* Indicates party-in-interest

In accordance with ERISA section 404(c), cost information is not required when reporting investments of an individual account plan that is participant or beneficiary directed.