

EXTENDED TO NOVEMBER 15, 2017

Form 990

Return of Organization Exempt From Income Tax

OMB No. 1545-0047

Under section 501(c), 527, or 4947(a)(1) of the Internal Revenue Code (except private foundations)

2016

Department of the Treasury Internal Revenue Service

Do not enter social security numbers on this form as it may be made public. Information about Form 990 and its instructions is at www.irs.gov/form990.

Open to Public Inspection

A For the 2016 calendar year, or tax year beginning and ending

Form 990 header section containing organization name (STROUD WATER RESEARCH CENTER), EIN (52-2081073), address (970 SPENCER ROAD, AVONDALE, PA 19311-9514), and principal officer (BERNARD W. SWEENEY, PH.D.).

Part I Summary

Summary table with columns for Revenue, Expenses, and Net Assets or Fund Balances. Rows include mission statement, governance metrics, and financial data for Prior Year and Current Year.

Part II Signature Block

Under penalties of perjury, I declare that I have examined this return, including accompanying schedules and statements, and to the best of my knowledge and belief, it is true, correct, and complete.

Signature block section with fields for officer signature (BERNARD W. SWEENEY, PH.D.), preparer name (MICHAEL A. TROLIO), and firm information (GUNNIP & COMPANY LLP).

May the IRS discuss this return with the preparer shown above? (see instructions) [X] Yes [] No

Part III Statement of Program Service Accomplishments

Check if Schedule O contains a response or note to any line in this Part III

1 Briefly describe the organization's mission: SEE BELOW

2 Did the organization undertake any significant program services during the year which were not listed on the prior Form 990 or 990-EZ? Yes No

3 Did the organization cease conducting, or make significant changes in how it conducts, any program services? Yes No

4 Describe the organization's program service accomplishments for each of its three largest program services, as measured by expenses.

4a (Code:) (Expenses \$ 5,723,126. including grants of \$) (Revenue \$ 6,104,216.) TO ADVANCE KNOWLEDGE OF STREAM AND RIVER ECOSYSTEMS THROUGH INTERDISCIPLINARY RESEARCH; TO DEVELOP & COMMUNICATE NEW ECOLOGICAL IDEAS; TO PROVIDE SOLUTIONS FOR WATER RESOURCE PROBLEMS WORLDWIDE; AND TO PROMOTE PUBLIC UNDERSTANDING OF FRESHWATER ECOLOGY THROUGH EDUCATIONAL PROGRAMS, WATERSHED RESTORATION, CONSERVATION LEADERSHIP, AND PROFESSIONAL SERVICE.

4b (Code:) (Expenses \$ including grants of \$) (Revenue \$)

4c (Code:) (Expenses \$ including grants of \$) (Revenue \$)

4d Other program services (Describe in Schedule O.) (Expenses \$ including grants of \$) (Revenue \$)

4e Total program service expenses 5,723,126.

Part IV Checklist of Required Schedules

		Yes	No
1 Is the organization described in section 501(c)(3) or 4947(a)(1) (other than a private foundation)? <i>If "Yes," complete Schedule A</i>	1	<input checked="" type="checkbox"/>	
2 Is the organization required to complete <i>Schedule B, Schedule of Contributors?</i>	2	<input checked="" type="checkbox"/>	
3 Did the organization engage in direct or indirect political campaign activities on behalf of or in opposition to candidates for public office? <i>If "Yes," complete Schedule C, Part I</i>	3		<input checked="" type="checkbox"/>
4 Section 501(c)(3) organizations. Did the organization engage in lobbying activities, or have a section 501(h) election in effect during the tax year? <i>If "Yes," complete Schedule C, Part II</i>	4		<input checked="" type="checkbox"/>
5 Is the organization a section 501(c)(4), 501(c)(5), or 501(c)(6) organization that receives membership dues, assessments, or similar amounts as defined in Revenue Procedure 98-19? <i>If "Yes," complete Schedule C, Part III</i>	5		<input checked="" type="checkbox"/>
6 Did the organization maintain any donor advised funds or any similar funds or accounts for which donors have the right to provide advice on the distribution or investment of amounts in such funds or accounts? <i>If "Yes," complete Schedule D, Part I</i>	6		<input checked="" type="checkbox"/>
7 Did the organization receive or hold a conservation easement, including easements to preserve open space, the environment, historic land areas, or historic structures? <i>If "Yes," complete Schedule D, Part II</i>	7		<input checked="" type="checkbox"/>
8 Did the organization maintain collections of works of art, historical treasures, or other similar assets? <i>If "Yes," complete Schedule D, Part III</i>	8		<input checked="" type="checkbox"/>
9 Did the organization report an amount in Part X, line 21, for escrow or custodial account liability, serve as a custodian for amounts not listed in Part X; or provide credit counseling, debt management, credit repair, or debt negotiation services? <i>If "Yes," complete Schedule D, Part IV</i>	9		<input checked="" type="checkbox"/>
10 Did the organization, directly or through a related organization, hold assets in temporarily restricted endowments, permanent endowments, or quasi-endowments? <i>If "Yes," complete Schedule D, Part V</i>	10	<input checked="" type="checkbox"/>	
11 If the organization's answer to any of the following questions is "Yes," then complete Schedule D, Parts VI, VII, VIII, IX, or X as applicable.			
a Did the organization report an amount for land, buildings, and equipment in Part X, line 10? <i>If "Yes," complete Schedule D, Part VI</i>	11a	<input checked="" type="checkbox"/>	
b Did the organization report an amount for investments - other securities in Part X, line 12 that is 5% or more of its total assets reported in Part X, line 16? <i>If "Yes," complete Schedule D, Part VII</i>	11b	<input checked="" type="checkbox"/>	
c Did the organization report an amount for investments - program related in Part X, line 13 that is 5% or more of its total assets reported in Part X, line 16? <i>If "Yes," complete Schedule D, Part VIII</i>	11c		<input checked="" type="checkbox"/>
d Did the organization report an amount for other assets in Part X, line 15 that is 5% or more of its total assets reported in Part X, line 16? <i>If "Yes," complete Schedule D, Part IX</i>	11d	<input checked="" type="checkbox"/>	
e Did the organization report an amount for other liabilities in Part X, line 25? <i>If "Yes," complete Schedule D, Part X</i>	11e	<input checked="" type="checkbox"/>	
f Did the organization's separate or consolidated financial statements for the tax year include a footnote that addresses the organization's liability for uncertain tax positions under FIN 48 (ASC 740)? <i>If "Yes," complete Schedule D, Part X</i>	11f	<input checked="" type="checkbox"/>	
12a Did the organization obtain separate, independent audited financial statements for the tax year? <i>If "Yes," complete Schedule D, Parts XI and XII</i>	12a	<input checked="" type="checkbox"/>	
b Was the organization included in consolidated, independent audited financial statements for the tax year? <i>If "Yes," and if the organization answered "No" to line 12a, then completing Schedule D, Parts XI and XII is optional</i>	12b		<input checked="" type="checkbox"/>
13 Is the organization a school described in section 170(b)(1)(A)(ii)? <i>If "Yes," complete Schedule E</i>	13		<input checked="" type="checkbox"/>
14a Did the organization maintain an office, employees, or agents outside of the United States?	14a		<input checked="" type="checkbox"/>
b Did the organization have aggregate revenues or expenses of more than \$10,000 from grantmaking, fundraising, business, investment, and program service activities outside the United States, or aggregate foreign investments valued at \$100,000 or more? <i>If "Yes," complete Schedule F, Parts I and IV</i>	14b		<input checked="" type="checkbox"/>
15 Did the organization report on Part IX, column (A), line 3, more than \$5,000 of grants or other assistance to or for any foreign organization? <i>If "Yes," complete Schedule F, Parts II and IV</i>	15		<input checked="" type="checkbox"/>
16 Did the organization report on Part IX, column (A), line 3, more than \$5,000 of aggregate grants or other assistance to or for foreign individuals? <i>If "Yes," complete Schedule F, Parts III and IV</i>	16		<input checked="" type="checkbox"/>
17 Did the organization report a total of more than \$15,000 of expenses for professional fundraising services on Part IX, column (A), lines 6 and 11e? <i>If "Yes," complete Schedule G, Part I</i>	17		<input checked="" type="checkbox"/>
18 Did the organization report more than \$15,000 total of fundraising event gross income and contributions on Part VIII, lines 1c and 8a? <i>If "Yes," complete Schedule G, Part II</i>	18	<input checked="" type="checkbox"/>	
19 Did the organization report more than \$15,000 of gross income from gaming activities on Part VIII, line 9a? <i>If "Yes," complete Schedule G, Part III</i>	19		<input checked="" type="checkbox"/>

Part IV Checklist of Required Schedules *(continued)*

		Yes	No
20a Did the organization operate one or more hospital facilities? <i>If "Yes," complete Schedule H</i>	20a		X
b If "Yes" to line 20a, did the organization attach a copy of its audited financial statements to this return?	20b		
21 Did the organization report more than \$5,000 of grants or other assistance to any domestic organization or domestic government on Part IX, column (A), line 1? <i>If "Yes," complete Schedule I, Parts I and II</i>	21		X
22 Did the organization report more than \$5,000 of grants or other assistance to or for domestic individuals on Part IX, column (A), line 2? <i>If "Yes," complete Schedule I, Parts I and III</i>	22		X
23 Did the organization answer "Yes" to Part VII, Section A, line 3, 4, or 5 about compensation of the organization's current and former officers, directors, trustees, key employees, and highest compensated employees? <i>If "Yes," complete Schedule J</i>	23	X	
24a Did the organization have a tax-exempt bond issue with an outstanding principal amount of more than \$100,000 as of the last day of the year, that was issued after December 31, 2002? <i>If "Yes," answer lines 24b through 24d and complete Schedule K. If "No," go to line 25a</i>	24a	X	
b Did the organization invest any proceeds of tax-exempt bonds beyond a temporary period exception?	24b		X
c Did the organization maintain an escrow account other than a refunding escrow at any time during the year to defease any tax-exempt bonds?	24c		X
d Did the organization act as an "on behalf of" issuer for bonds outstanding at any time during the year?	24d		X
25a Section 501(c)(3), 501(c)(4), and 501(c)(29) organizations. Did the organization engage in an excess benefit transaction with a disqualified person during the year? <i>If "Yes," complete Schedule L, Part I</i>	25a		X
b Is the organization aware that it engaged in an excess benefit transaction with a disqualified person in a prior year, and that the transaction has not been reported on any of the organization's prior Forms 990 or 990-EZ? <i>If "Yes," complete Schedule L, Part I</i>	25b		X
26 Did the organization report any amount on Part X, line 5, 6, or 22 for receivables from or payables to any current or former officers, directors, trustees, key employees, highest compensated employees, or disqualified persons? <i>If "Yes," complete Schedule L, Part II</i>	26		X
27 Did the organization provide a grant or other assistance to an officer, director, trustee, key employee, substantial contributor or employee thereof, a grant selection committee member, or to a 35% controlled entity or family member of any of these persons? <i>If "Yes," complete Schedule L, Part III</i>	27		X
28 Was the organization a party to a business transaction with one of the following parties (see Schedule L, Part IV instructions for applicable filing thresholds, conditions, and exceptions):			
a A current or former officer, director, trustee, or key employee? <i>If "Yes," complete Schedule L, Part IV</i>	28a		X
b A family member of a current or former officer, director, trustee, or key employee? <i>If "Yes," complete Schedule L, Part IV</i>	28b		X
c An entity of which a current or former officer, director, trustee, or key employee (or a family member thereof) was an officer, director, trustee, or direct or indirect owner? <i>If "Yes," complete Schedule L, Part IV</i>	28c		X
29 Did the organization receive more than \$25,000 in non-cash contributions? <i>If "Yes," complete Schedule M</i>	29	X	
30 Did the organization receive contributions of art, historical treasures, or other similar assets, or qualified conservation contributions? <i>If "Yes," complete Schedule M</i>	30		X
31 Did the organization liquidate, terminate, or dissolve and cease operations? <i>If "Yes," complete Schedule N, Part I</i>	31		X
32 Did the organization sell, exchange, dispose of, or transfer more than 25% of its net assets? <i>If "Yes," complete Schedule N, Part II</i>	32		X
33 Did the organization own 100% of an entity disregarded as separate from the organization under Regulations sections 301.7701-2 and 301.7701-3? <i>If "Yes," complete Schedule R, Part I</i>	33		X
34 Was the organization related to any tax-exempt or taxable entity? <i>If "Yes," complete Schedule R, Part II, III, or IV, and Part V, line 1</i>	34		X
35a Did the organization have a controlled entity within the meaning of section 512(b)(13)?	35a		X
b If "Yes" to line 35a, did the organization receive any payment from or engage in any transaction with a controlled entity within the meaning of section 512(b)(13)? <i>If "Yes," complete Schedule R, Part V, line 2</i>	35b		
36 Section 501(c)(3) organizations. Did the organization make any transfers to an exempt non-charitable related organization? <i>If "Yes," complete Schedule R, Part V, line 2</i>	36		X
37 Did the organization conduct more than 5% of its activities through an entity that is not a related organization and that is treated as a partnership for federal income tax purposes? <i>If "Yes," complete Schedule R, Part VI</i>	37		X
38 Did the organization complete Schedule O and provide explanations in Schedule O for Part VI, lines 11b and 19?	38	X	

Note. All Form 990 filers are required to complete Schedule O

Part V Statements Regarding Other IRS Filings and Tax Compliance

Check if Schedule O contains a response or note to any line in this Part V

Input box for Schedule O

Table with columns for question numbers (1a-14b), Yes/No checkboxes, and numerical input fields. Contains questions about Form 1096, Form W-2G, Form W-3, Form 990-T, Form 8886-T, Form 8282, Form 8899, Form 1098-C, Form 4947(a)(1), and Form 720.

Part VI Governance, Management, and Disclosure For each "Yes" response to lines 2 through 7b below, and for a "No" response to line 8a, 8b, or 10b below, describe the circumstances, processes, or changes in Schedule O. See instructions.

Check if Schedule O contains a response or note to any line in this Part VI [X]

Section A. Governing Body and Management

Table with 3 columns: Question, Yes, No. Rows include: 1a Enter the number of voting members of the governing body at the end of the tax year (23); 1b Enter the number of voting members included in line 1a, above, who are independent (23); 2 Did any officer, director, trustee, or key employee have a family relationship or a business relationship with any other officer, director, trustee, or key employee? (X); 3 Did the organization delegate control over management duties customarily performed by or under the direct supervision of officers, directors, or trustees, or key employees to a management company or other person? (X); 4 Did the organization make any significant changes to its governing documents since the prior Form 990 was filed? (X); 5 Did the organization become aware during the year of a significant diversion of the organization's assets? (X); 6 Did the organization have members or stockholders? (X); 7a Did the organization have members, stockholders, or other persons who had the power to elect or appoint one or more members of the governing body? (X); 7b Are any governance decisions of the organization reserved to (or subject to approval by) members, stockholders, or persons other than the governing body? (X); 8 Did the organization contemporaneously document the meetings held or written actions undertaken during the year by the following: a The governing body? (X); b Each committee with authority to act on behalf of the governing body? (X); 9 Is there any officer, director, trustee, or key employee listed in Part VII, Section A, who cannot be reached at the organization's mailing address? If "Yes," provide the names and addresses in Schedule O (X).

Section B. Policies (This Section B requests information about policies not required by the Internal Revenue Code.)

Table with 3 columns: Question, Yes, No. Rows include: 10a Did the organization have local chapters, branches, or affiliates? (X); 10b If "Yes," did the organization have written policies and procedures governing the activities of such chapters, affiliates, and branches to ensure their operations are consistent with the organization's exempt purposes?; 11a Has the organization provided a complete copy of this Form 990 to all members of its governing body before filing the form? (X); 11b Describe in Schedule O the process, if any, used by the organization to review this Form 990.; 12a Did the organization have a written conflict of interest policy? If "No," go to line 13 (X); 12b Were officers, directors, or trustees, and key employees required to disclose annually interests that could give rise to conflicts? (X); 12c Did the organization regularly and consistently monitor and enforce compliance with the policy? If "Yes," describe in Schedule O how this was done (X); 13 Did the organization have a written whistleblower policy? (X); 14 Did the organization have a written document retention and destruction policy? (X); 15 Did the process for determining compensation of the following persons include a review and approval by independent persons, comparability data, and contemporaneous substantiation of the deliberation and decision? a The organization's CEO, Executive Director, or top management official (X); b Other officers or key employees of the organization (X); If "Yes" to line 15a or 15b, describe the process in Schedule O (see instructions).; 16a Did the organization invest in, contribute assets to, or participate in a joint venture or similar arrangement with a taxable entity during the year? (X); 16b If "Yes," did the organization follow a written policy or procedure requiring the organization to evaluate its participation in joint venture arrangements under applicable federal tax law, and take steps to safeguard the organization's exempt status with respect to such arrangements?

Section C. Disclosure

- 17 List the states with which a copy of this Form 990 is required to be filed PA
18 Section 6104 requires an organization to make its Forms 1023 (or 1024 if applicable), 990, and 990-T (Section 501(c)(3)s only) available for public inspection. Indicate how you made these available. Check all that apply. [X] Own website [X] Another's website [X] Upon request [] Other (explain in Schedule O)
19 Describe in Schedule O whether (and if so, how) the organization made its governing documents, conflict of interest policy, and financial statements available to the public during the tax year.
20 State the name, address, and telephone number of the person who possesses the organization's books and records: JOHN D. PEPE - 610-268-2153 970 SPENCER ROAD, AVONDALE, PA 19311-9514

Part VII Compensation of Officers, Directors, Trustees, Key Employees, Highest Compensated Employees, and Independent Contractors

Check if Schedule O contains a response or note to any line in this Part VII

Section A. Officers, Directors, Trustees, Key Employees, and Highest Compensated Employees

1a Complete this table for all persons required to be listed. Report compensation for the calendar year ending with or within the organization's tax year.

- List all of the organization's **current** officers, directors, trustees (whether individuals or organizations), regardless of amount of compensation. Enter -0- in columns (D), (E), and (F) if no compensation was paid.
- List all of the organization's **current** key employees, if any. See instructions for definition of "key employee."
- List the organization's five **current** highest compensated employees (other than an officer, director, trustee, or key employee) who received reportable compensation (Box 5 of Form W-2 and/or Box 7 of Form 1099-MISC) of more than \$100,000 from the organization and any related organizations.
- List all of the organization's **former** officers, key employees, and highest compensated employees who received more than \$100,000 of reportable compensation from the organization and any related organizations.
- List all of the organization's **former directors or trustees** that received, in the capacity as a former director or trustee of the organization, more than \$10,000 of reportable compensation from the organization and any related organizations.

List persons in the following order: individual trustees or directors; institutional trustees; officers; key employees; highest compensated employees; and former such persons.

Check this box if neither the organization nor any related organization compensated any current officer, director, or trustee.

(A) Name and Title	(B) Average hours per week (list any hours for related organizations below line)	(C) Position <small>(do not check more than one box, unless person is both an officer and a director/trustee)</small>						(D) Reportable compensation from the organization (W-2/1099-MISC)	(E) Reportable compensation from related organizations (W-2/1099-MISC)	(F) Estimated amount of other compensation from the organization and related organizations
		Individual trustee or director	Institutional trustee	Officer	Key employee	Highest compensated employee	Former			
(1) ANNE STROUD HANNUM DIRECTOR	5.00	X					0.	0.	0.	
(2) BARBARA C. RIEGEL DIRECTOR	5.00	X					0.	0.	0.	
(3) BERNARD W. SWEENEY, PH.D. PRESIDENT, DIR, SR RESEARC	40.00	X		X			253,843.	0.	62,057.	
(4) BERT KERSTETTER DIRECTOR	5.00	X					0.	0.	0.	
(5) C. BLAND DICKEY DIRECTOR	5.00	X					0.	0.	0.	
(6) C. PORTER SCHUTT, III DIRECTOR	5.00	X					0.	0.	0.	
(7) CLAIBORNE D. SMITH, PH.D. DIRECTOR	5.00	X					0.	0.	0.	
(8) DAVID B. ARSCOTT, PH.D. VP, ASST DIR, RESEARCH SCI	40.00	X		X			114,080.	0.	27,889.	
(9) FRANCES M. ABBOTT DIRECTOR	5.00	X					0.	0.	0.	
(10) FREDERICK L. MESERVE, JR. DIRECTOR	5.00	X					0.	0.	0.	
(11) H. DONNAN SHARP JONES DIRECTOR	5.00	X					0.	0.	0.	
(12) JOHN R.S. FISHER, VMD EMERITUS MEMBER	7.00	X					0.	0.	0.	
(13) JOSH AULD PH,D DIRECTOR	5.00	X					0.	0.	0.	
(14) MARGARETTA BROKAW DIRECTOR	5.00	X					0.	0.	0.	
(15) MICHAEL BUCKLIN DIRECTOR	5.00	X					0.	0.	0.	
(16) PETER KJELLERUP DIRECTOR	5.00	X					0.	0.	0.	
(17) RICHARD A HAYNE DIRECTOR	5.00	X					0.	0.	0.	

Part VII Section A. Officers, Directors, Trustees, Key Employees, and Highest Compensated Employees (continued)

(A) Name and title	(B) Average hours per week (list any hours for related organizations below line)	(C) Position (do not check more than one box, unless person is both an officer and a director/trustee)						(D) Reportable compensation from the organization (W-2/1099-MISC)	(E) Reportable compensation from related organizations (W-2/1099-MISC)	(F) Estimated amount of other compensation from the organization and related organizations
		Individual trustee or director	Institutional trustee	Officer	Key employee	Highest compensated employee	Former			
(18) ROBERT M DIFILIPPO DIRECTOR	5.00	X					0.	0.	0.	
(19) ROBERT W. WHETZEL DIRECTOR	5.00	X					0.	0.	0.	
(20) RODMAN W. MOORHEAD III CHAIRMAN	7.00	X					0.	0.	0.	
(21) SUSAN PACKARD LEGROS, ESQ. DIRECTOR	5.00	X					0.	0.	0.	
(22) W.B. DIXON STROUD, JR. DIRECTOR	5.00	X					0.	0.	0.	
(23) WILLIAM KRONENBERG III DIRECTOR	5.00	X					0.	0.	0.	
(24) JOHN D. PEPE TREASURER & CONTROLLER	40.00			X			114,546.	0.	28,003.	
(25) KRISTINE LISI DIR OF DEVELOPMENT & OUTRE	40.00			X			129,557.	0.	31,673.	
(26) ANTHONY AUFDENKAMPE ASSOCIATE RESEARCH SCIENTI	40.00				X		105,075.	0.	25,688.	
1b Sub-total							717,101.	0.	175,310.	
c Total from continuation sheets to Part VII, Section A							372,780.	0.	91,133.	
d Total (add lines 1b and 1c)							1,089,881.	0.	266,443.	

2 Total number of individuals (including but not limited to those listed above) who received more than \$100,000 of reportable compensation from the organization **8**

	Yes	No
3 Did the organization list any former officer, director, or trustee, key employee, or highest compensated employee on line 1a? <i>If "Yes," complete Schedule J for such individual</i>	3	X
4 For any individual listed on line 1a, is the sum of reportable compensation and other compensation from the organization and related organizations greater than \$150,000? <i>If "Yes," complete Schedule J for such individual</i>	4	X
5 Did any person listed on line 1a receive or accrue compensation from any unrelated organization or individual for services rendered to the organization? <i>If "Yes," complete Schedule J for such person</i>	5	X

Section B. Independent Contractors

1 Complete this table for your five highest compensated independent contractors that received more than \$100,000 of compensation from the organization. Report compensation for the calendar year ending with or within the organization's tax year.

(A) Name and business address	(B) Description of services	(C) Compensation
NONE		

2 Total number of independent contractors (including but not limited to those listed above) who received more than \$100,000 of compensation from the organization **0**

SEE PART VII, SECTION A CONTINUATION SHEETS

Part VII Section A. Officers, Directors, Trustees, Key Employees, and Highest Compensated Employees *(continued)*

(A) Name and title	(B) Average hours per week (list any hours for related organizations below line)	(C) Position (check all that apply)						(D) Reportable compensation from the organization (W-2/1099-MISC)	(E) Reportable compensation from related organizations (W-2/1099-MISC)	(F) Estimated amount of other compensation from the organization and related organizations
		Individual trustee or director	Institutional trustee	Officer	Key employee	Highest compensated employee	Former			
(27) JOHN JACKSON SENIOR RESEARCH SCIENTIST	40.00					X		135,607.	0.	33,152.
(28) MATTHEW EHRHART WATERSHED RESTORATION DIRE	40.00					X		117,171.	0.	28,644.
(29) MELINDA D. DANIELS ASSOCIATE RESEARCH SCIENTI	40.00					X		120,002.	0.	29,337.
Total to Part VII, Section A, line 1c								372,780.		91,133.

Part VIII Statement of Revenue

Check if Schedule O contains a response or note to any line in this Part VIII

			(A) Total revenue	(B) Related or exempt function revenue	(C) Unrelated business revenue	(D) Revenue excluded from tax under sections 512 - 514	
Contributions, Gifts, Grants and Other Similar Amounts	1 a Federated campaigns	1a					
	b Membership dues	1b					
	c Fundraising events	1c					
	d Related organizations	1d					
	e Government grants (contributions)	1e	3,518,872.				
	f All other contributions, gifts, grants, and similar amounts not included above	1f	3,951,192.				
	g Noncash contributions included in lines 1a-1f: \$		254,707.				
	h Total. Add lines 1a-1f		7,470,064.				
Program Service Revenue	2 a _____		Business Code				
	b _____						
	c _____						
	d _____						
	e _____						
	f All other program service revenue						
	g Total. Add lines 2a-2f						
Other Revenue	3 Investment income (including dividends, interest, and other similar amounts)			1,081,823.		1,081,823.	
	4 Income from investment of tax-exempt bond proceeds						
	5 Royalties						
	6 a Gross rents	(i) Real	(ii) Personal				
		b Less: rental expenses					
		c Rental income or (loss)					
		d Net rental income or (loss)					
	7 a Gross amount from sales of assets other than inventory	(i) Securities	(ii) Other				
		b Less: cost or other basis and sales expenses					
		c Gain or (loss)					
		d Net gain or (loss)			128,333.		128,333.
	8 a Gross income from fundraising events (not including \$ _____ of contributions reported on line 1c). See Part IV, line 18	a			340,761.		
		b Less: direct expenses	b		34,382.		
		c Net income or (loss) from fundraising events			306,379.		306,379.
	9 a Gross income from gaming activities. See Part IV, line 19	a					
b Less: direct expenses		b					
c Net income or (loss) from gaming activities							
10 a Gross sales of inventory, less returns and allowances	a						
	b Less: cost of goods sold	b					
	c Net income or (loss) from sales of inventory						
Miscellaneous Revenue		Business Code					
11 a OTHER INCOME	900099		100,786.		100,786.		
b _____							
c _____							
d All other revenue							
e Total. Add lines 11a-11d			100,786.				
12 Total revenue. See instructions.			9,087,385.	0.	0.	1,617,321.	

Part IX Statement of Functional Expenses

Section 501(c)(3) and 501(c)(4) organizations must complete all columns. All other organizations must complete column (A).

Check if Schedule O contains a response or note to any line in this Part IX

	(A) Total expenses	(B) Program service expenses	(C) Management and general expenses	(D) Fundraising expenses
Do not include amounts reported on lines 6b, 7b, 8b, 9b, and 10b of Part VIII.				
1 Grants and other assistance to domestic organizations and domestic governments. See Part IV, line 21				
2 Grants and other assistance to domestic individuals. See Part IV, line 22				
3 Grants and other assistance to foreign organizations, foreign governments, and foreign individuals. See Part IV, lines 15 and 16				
4 Benefits paid to or for members				
5 Compensation of current officers, directors, trustees, and key employees	761,649.	185,552.	414,867.	161,230.
6 Compensation not included above, to disqualified persons (as defined under section 4958(f)(1)) and persons described in section 4958(c)(3)(B)	2,484,547.	1,896,228.	491,068.	97,251.
7 Other salaries and wages				
8 Pension plan accruals and contributions (include section 401(k) and 403(b) employer contributions)	190,917.	173,912.	5,992.	11,013.
9 Other employee benefits	232,785.	205,624.	14,406.	12,755.
10 Payroll taxes	210,418.	135,301.	59,123.	15,994.
11 Fees for services (non-employees):				
a Management				
b Legal				
c Accounting	35,750.		35,750.	
d Lobbying				
e Professional fundraising services. See Part IV, line 17				
f Investment management fees				
g Other. (If line 11g amount exceeds 10% of line 25, column (A) amount, list line 11g expenses on Sch O.)				
12 Advertising and promotion	4,153.	4,103.	50.	
13 Office expenses	323,754.	254,030.	59,417.	10,307.
14 Information technology				
15 Royalties				
16 Occupancy				
17 Travel	91,083.	87,275.	2,807.	1,001.
18 Payments of travel or entertainment expenses for any federal, state, or local public officials				
19 Conferences, conventions, and meetings	40,267.	36,943.	3,069.	255.
20 Interest	252,718.		252,718.	
21 Payments to affiliates				
22 Depreciation, depletion, and amortization	533,699.	196,021.	337,115.	563.
23 Insurance	99,933.		99,933.	
24 Other expenses. Itemize expenses not covered above. (List miscellaneous expenses in line 24e. If line 24e amount exceeds 10% of line 25, column (A) amount, list line 24e expenses on Schedule O.)				
a SUBAWARDS	1,364,922.	1,364,922.		
b OUTSIDE SERVICES	809,833.	768,690.	31,986.	9,157.
c PARTICIPANT SUPPORT	122,402.	122,402.		
d CONSULTANT FEES	94,389.	89,516.	4,873.	
e All other expenses	390,932.	202,607.	158,349.	29,976.
25 Total functional expenses. Add lines 1 through 24e	8,044,151.	5,723,126.	1,971,523.	349,502.
26 Joint costs. Complete this line only if the organization reported in column (B) joint costs from a combined educational campaign and fundraising solicitation.				
Check here <input type="checkbox"/> if following SOP 98-2 (ASC 958-720)				

Part X Balance Sheet

Check if Schedule O contains a response or note to any line in this Part X

		(A) Beginning of year		(B) End of year	
Assets	1 Cash - non-interest-bearing	2,195,200.	1	2,471,058.	
	2 Savings and temporary cash investments		2		
	3 Pledges and grants receivable, net	841,166.	3	1,039,924.	
	4 Accounts receivable, net	957,555.	4	1,166,591.	
	5 Loans and other receivables from current and former officers, directors, trustees, key employees, and highest compensated employees. Complete Part II of Schedule L			5	
	6 Loans and other receivables from other disqualified persons (as defined under section 4958(f)(1)), persons described in section 4958(c)(3)(B), and contributing employers and sponsoring organizations of section 501(c)(9) voluntary employees' beneficiary organizations (see instr). Complete Part II of Sch L			6	
	7 Notes and loans receivable, net			7	
	8 Inventories for sale or use			8	
	9 Prepaid expenses and deferred charges	16,743.	9	37,540.	
	10a Land, buildings, and equipment: cost or other basis. Complete Part VI of Schedule D	17,746,224.			
	b Less: accumulated depreciation	5,826,615.			
	11 Investments - publicly traded securities			11	
	12 Investments - other securities. See Part IV, line 11	20,305,989.	12	20,996,472.	
	13 Investments - program-related. See Part IV, line 11			13	
	14 Intangible assets			14	
	15 Other assets. See Part IV, line 11	9,316,895.	15	9,350,159.	
16 Total assets. Add lines 1 through 15 (must equal line 34)	45,883,869.	16	46,981,353.		
Liabilities	17 Accounts payable and accrued expenses	635,964.	17	507,462.	
	18 Grants payable		18		
	19 Deferred revenue		19		
	20 Tax-exempt bond liabilities	6,027,221.	20	5,734,300.	
	21 Escrow or custodial account liability. Complete Part IV of Schedule D			21	
	22 Loans and other payables to current and former officers, directors, trustees, key employees, highest compensated employees, and disqualified persons. Complete Part II of Schedule L			22	
	23 Secured mortgages and notes payable to unrelated third parties			23	
	24 Unsecured notes and loans payable to unrelated third parties			24	
	25 Other liabilities (including federal income tax, payables to related third parties, and other liabilities not included on lines 17-24). Complete Part X of Schedule D	1,546,257.	25	2,099,798.	
	26 Total liabilities. Add lines 17 through 25	8,209,442.	26	8,341,560.	
Net Assets or Fund Balances	Organizations that follow SFAS 117 (ASC 958), check here <input checked="" type="checkbox"/> and complete lines 27 through 29, and lines 33 and 34.				
	27 Unrestricted net assets	20,872,863.	27	21,882,813.	
	28 Temporarily restricted net assets	4,547,780.	28	4,424,845.	
	29 Permanently restricted net assets	12,253,784.	29	12,332,135.	
	Organizations that do not follow SFAS 117 (ASC 958), check here <input type="checkbox"/> and complete lines 30 through 34.				
	30 Capital stock or trust principal, or current funds		30		
	31 Paid-in or capital surplus, or land, building, or equipment fund		31		
	32 Retained earnings, endowment, accumulated income, or other funds		32		
	33 Total net assets or fund balances	37,674,427.	33	38,639,793.	
	34 Total liabilities and net assets/fund balances	45,883,869.	34	46,981,353.	

Part XI Reconciliation of Net Assets

Check if Schedule O contains a response or note to any line in this Part XI

1	Total revenue (must equal Part VIII, column (A), line 12)	1	9,087,385.
2	Total expenses (must equal Part IX, column (A), line 25)	2	8,044,151.
3	Revenue less expenses. Subtract line 2 from line 1	3	1,043,234.
4	Net assets or fund balances at beginning of year (must equal Part X, line 33, column (A))	4	37,674,427.
5	Net unrealized gains (losses) on investments	5	565,760.
6	Donated services and use of facilities	6	
7	Investment expenses	7	
8	Prior period adjustments	8	
9	Other changes in net assets or fund balances (explain in Schedule O)	9	-643,628.
10	Net assets or fund balances at end of year. Combine lines 3 through 9 (must equal Part X, line 33, column (B))	10	38,639,793.

Part XII Financial Statements and Reporting

Check if Schedule O contains a response or note to any line in this Part XII

		Yes	No
1 Accounting method used to prepare the Form 990: <input type="checkbox"/> Cash <input checked="" type="checkbox"/> Accrual <input type="checkbox"/> Other _____ If the organization changed its method of accounting from a prior year or checked "Other," explain in Schedule O.			
2a Were the organization's financial statements compiled or reviewed by an independent accountant?	2a		X
If "Yes," check a box below to indicate whether the financial statements for the year were compiled or reviewed on a separate basis, consolidated basis, or both: <input type="checkbox"/> Separate basis <input type="checkbox"/> Consolidated basis <input type="checkbox"/> Both consolidated and separate basis			
b Were the organization's financial statements audited by an independent accountant?	2b	X	
If "Yes," check a box below to indicate whether the financial statements for the year were audited on a separate basis, consolidated basis, or both: <input checked="" type="checkbox"/> Separate basis <input type="checkbox"/> Consolidated basis <input type="checkbox"/> Both consolidated and separate basis			
c If "Yes" to line 2a or 2b, does the organization have a committee that assumes responsibility for oversight of the audit, review, or compilation of its financial statements and selection of an independent accountant?	2c	X	
If the organization changed either its oversight process or selection process during the tax year, explain in Schedule O.			
3a As a result of a federal award, was the organization required to undergo an audit or audits as set forth in the Single Audit Act and OMB Circular A-133?	3a	X	
b If "Yes," did the organization undergo the required audit or audits? If the organization did not undergo the required audit or audits, explain why in Schedule O and describe any steps taken to undergo such audits	3b	X	

SCHEDULE A (Form 990 or 990-EZ)

Public Charity Status and Public Support

Complete if the organization is a section 501(c)(3) organization or a section 4947(a)(1) nonexempt charitable trust. Attach to Form 990 or Form 990-EZ.

Information about Schedule A (Form 990 or 990-EZ) and its instructions is at www.irs.gov/form990.

Department of the Treasury Internal Revenue Service

Name of the organization: STROUD WATER RESEARCH CENTER Employer identification number: 52-2081073

Part I Reason for Public Charity Status (All organizations must complete this part.) See instructions.

The organization is not a private foundation because it is: (For lines 1 through 12, check only one box.)

- 1 A church, convention of churches, or association of churches described in section 170(b)(1)(A)(i).
2 A school described in section 170(b)(1)(A)(ii).
3 A hospital or a cooperative hospital service organization described in section 170(b)(1)(A)(iii).
4 A medical research organization operated in conjunction with a hospital described in section 170(b)(1)(A)(iii).
5 An organization operated for the benefit of a college or university owned or operated by a governmental unit described in section 170(b)(1)(A)(iv).
6 A federal, state, or local government or governmental unit described in section 170(b)(1)(A)(v).
7 X An organization that normally receives a substantial part of its support from a governmental unit or from the general public described in section 170(b)(1)(A)(vi).
8 A community trust described in section 170(b)(1)(A)(vi).
9 An agricultural research organization described in section 170(b)(1)(A)(ix) operated in conjunction with a land-grant college or university or a non-land-grant college of agriculture.
10 An organization that normally receives: (1) more than 33 1/3% of its support from contributions, membership fees, and gross receipts from activities related to its exempt functions.
11 An organization organized and operated exclusively to test for public safety.
12 An organization organized and operated exclusively for the benefit of, to perform the functions of, or to carry out the purposes of one or more publicly supported organizations described in section 509(a)(1) or section 509(a)(2).
a Type I. A supporting organization operated, supervised, or controlled by its supported organization(s).
b Type II. A supporting organization supervised or controlled in connection with its supported organization(s).
c Type III functionally integrated. A supporting organization operated in connection with, and functionally integrated with, its supported organization(s).
d Type III non-functionally integrated. A supporting organization operated in connection with its supported organization(s) that is not functionally integrated.
e Check this box if the organization received a written determination from the IRS that it is a Type I, Type II, Type III functionally integrated, or Type III non-functionally integrated supporting organization.
f Enter the number of supported organizations
g Provide the following information about the supported organization(s).

Table with 6 columns: (i) Name of supported organization, (ii) EIN, (iii) Type of organization, (iv) Is the organization listed in your governing document?, (v) Amount of monetary support, (vi) Amount of other support. Includes a Total row at the bottom.

Part II Support Schedule for Organizations Described in Sections 170(b)(1)(A)(iv) and 170(b)(1)(A)(vi)

(Complete only if you checked the box on line 5, 7, or 8 of Part I or if the organization failed to qualify under Part III. If the organization fails to qualify under the tests listed below, please complete Part III.)

Section A. Public Support

Table with 7 columns: (a) 2012, (b) 2013, (c) 2014, (d) 2015, (e) 2016, (f) Total. Rows include: 1 Gifts, grants, contributions, and membership fees received; 2 Tax revenues levied for the organization's benefit; 3 The value of services or facilities furnished by a governmental unit; 4 Total. Add lines 1 through 3; 5 The portion of total contributions by each person (other than a governmental unit or publicly supported organization) included on line 1 that exceeds 2% of the amount shown on line 11, column (f); 6 Public support. Subtract line 5 from line 4.

Section B. Total Support

Table with 7 columns: (a) 2012, (b) 2013, (c) 2014, (d) 2015, (e) 2016, (f) Total. Rows include: 7 Amounts from line 4; 8 Gross income from interest, dividends, payments received on securities loans, rents, royalties and income from similar sources; 9 Net income from unrelated business activities, whether or not the business is regularly carried on; 10 Other income. Do not include gain or loss from the sale of capital assets (Explain in Part VI.); 11 Total support. Add lines 7 through 10; 12 Gross receipts from related activities, etc. (see instructions).

13 First five years. If the Form 990 is for the organization's first, second, third, fourth, or fifth tax year as a section 501(c)(3) organization, check this box and stop here

Section C. Computation of Public Support Percentage

Table with 2 columns: Line number, Percentage. Row 14: Public support percentage for 2016 (line 6, column (f) divided by line 11, column (f)) 79.91%. Row 15: Public support percentage from 2015 Schedule A, Part II, line 14 77.09%.

16a 33 1/3% support test - 2016. If the organization did not check the box on line 13, and line 14 is 33 1/3% or more, check this box and stop here. The organization qualifies as a publicly supported organization [X]

b 33 1/3% support test - 2015. If the organization did not check a box on line 13 or 16a, and line 15 is 33 1/3% or more, check this box and stop here. The organization qualifies as a publicly supported organization

17a 10% -facts-and-circumstances test - 2016. If the organization did not check a box on line 13, 16a, or 16b, and line 14 is 10% or more, and if the organization meets the "facts-and-circumstances" test, check this box and stop here. Explain in Part VI how the organization meets the "facts-and-circumstances" test. The organization qualifies as a publicly supported organization

b 10% -facts-and-circumstances test - 2015. If the organization did not check a box on line 13, 16a, 16b, or 17a, and line 15 is 10% or more, and if the organization meets the "facts-and-circumstances" test, check this box and stop here. Explain in Part VI how the organization meets the "facts-and-circumstances" test. The organization qualifies as a publicly supported organization

18 Private foundation. If the organization did not check a box on line 13, 16a, 16b, 17a, or 17b, check this box and see instructions

Part III Support Schedule for Organizations Described in Section 509(a)(2)

(Complete only if you checked the box on line 10 of Part I or if the organization failed to qualify under Part II. If the organization fails to qualify under the tests listed below, please complete Part II.)

Section A. Public Support

Table with 7 columns: (a) 2012, (b) 2013, (c) 2014, (d) 2015, (e) 2016, (f) Total. Rows include: 1 Gifts, grants, contributions, and membership fees received; 2 Gross receipts from admissions; 3 Gross receipts from activities that are not an unrelated trade or business; 4 Tax revenues levied for the organization's benefit; 5 The value of services or facilities furnished by a governmental unit; 6 Total. Add lines 1 through 5; 7a Amounts included on lines 1, 2, and 3 received from disqualified persons; 7b Amounts included on lines 2 and 3 received from other than disqualified persons; 8 Public support. (Subtract line 7c from line 6.)

Section B. Total Support

Table with 7 columns: (a) 2012, (b) 2013, (c) 2014, (d) 2015, (e) 2016, (f) Total. Rows include: 9 Amounts from line 6; 10a Gross income from interest, dividends, payments received on securities loans, rents, royalties and income from similar sources; 10b Unrelated business taxable income (less section 511 taxes) from businesses acquired after June 30, 1975; 10c Add lines 10a and 10b; 11 Net income from unrelated business activities not included in line 10b, whether or not the business is regularly carried on; 12 Other income. Do not include gain or loss from the sale of capital assets (Explain in Part VI.); 13 Total support. (Add lines 9, 10c, 11, and 12.)

14 First five years. If the Form 990 is for the organization's first, second, third, fourth, or fifth tax year as a section 501(c)(3) organization, check this box and stop here

Section C. Computation of Public Support Percentage

Table with 2 columns: Line number, Percentage. Row 15: Public support percentage for 2016 (line 8, column (f) divided by line 13, column (f)) 15 %; Row 16: Public support percentage from 2015 Schedule A, Part III, line 15 16 %

Section D. Computation of Investment Income Percentage

Table with 2 columns: Line number, Percentage. Row 17: Investment income percentage for 2016 (line 10c, column (f) divided by line 13, column (f)) 17 %; Row 18: Investment income percentage from 2015 Schedule A, Part III, line 17 18 %

19a 33 1/3% support tests - 2016. If the organization did not check the box on line 14, and line 15 is more than 33 1/3%, and line 17 is not more than 33 1/3%, check this box and stop here. The organization qualifies as a publicly supported organization

b 33 1/3% support tests - 2015. If the organization did not check a box on line 14 or line 19a, and line 16 is more than 33 1/3%, and line 18 is not more than 33 1/3%, check this box and stop here. The organization qualifies as a publicly supported organization

20 Private foundation. If the organization did not check a box on line 14, 19a, or 19b, check this box and see instructions

Part IV Supporting Organizations

(Complete only if you checked a box in line 12 on Part I. If you checked 12a of Part I, complete Sections A and B. If you checked 12b of Part I, complete Sections A and C. If you checked 12c of Part I, complete Sections A, D, and E. If you checked 12d of Part I, complete Sections A and D, and complete Part V.)

Section A. All Supporting Organizations

	Yes	No
1 Are all of the organization's supported organizations listed by name in the organization's governing documents? <i>If "No," describe in Part VI how the supported organizations are designated. If designated by class or purpose, describe the designation. If historic and continuing relationship, explain.</i>		
2 Did the organization have any supported organization that does not have an IRS determination of status under section 509(a)(1) or (2)? <i>If "Yes," explain in Part VI how the organization determined that the supported organization was described in section 509(a)(1) or (2).</i>		
3a Did the organization have a supported organization described in section 501(c)(4), (5), or (6)? <i>If "Yes," answer (b) and (c) below.</i>		
b Did the organization confirm that each supported organization qualified under section 501(c)(4), (5), or (6) and satisfied the public support tests under section 509(a)(2)? <i>If "Yes," describe in Part VI when and how the organization made the determination.</i>		
c Did the organization ensure that all support to such organizations was used exclusively for section 170(c)(2)(B) purposes? <i>If "Yes," explain in Part VI what controls the organization put in place to ensure such use.</i>		
4a Was any supported organization not organized in the United States ("foreign supported organization")? <i>If "Yes," and if you checked 12a or 12b in Part I, answer (b) and (c) below.</i>		
b Did the organization have ultimate control and discretion in deciding whether to make grants to the foreign supported organization? <i>If "Yes," describe in Part VI how the organization had such control and discretion despite being controlled or supervised by or in connection with its supported organizations.</i>		
c Did the organization support any foreign supported organization that does not have an IRS determination under sections 501(c)(3) and 509(a)(1) or (2)? <i>If "Yes," explain in Part VI what controls the organization used to ensure that all support to the foreign supported organization was used exclusively for section 170(c)(2)(B) purposes.</i>		
5a Did the organization add, substitute, or remove any supported organizations during the tax year? <i>If "Yes," answer (b) and (c) below (if applicable). Also, provide detail in Part VI, including (i) the names and EIN numbers of the supported organizations added, substituted, or removed; (ii) the reasons for each such action; (iii) the authority under the organization's organizing document authorizing such action; and (iv) how the action was accomplished (such as by amendment to the organizing document).</i>		
b Type I or Type II only. Was any added or substituted supported organization part of a class already designated in the organization's organizing document?		
c Substitutions only. Was the substitution the result of an event beyond the organization's control?		
6 Did the organization provide support (whether in the form of grants or the provision of services or facilities) to anyone other than (i) its supported organizations, (ii) individuals that are part of the charitable class benefited by one or more of its supported organizations, or (iii) other supporting organizations that also support or benefit one or more of the filing organization's supported organizations? <i>If "Yes," provide detail in Part VI.</i>		
7 Did the organization provide a grant, loan, compensation, or other similar payment to a substantial contributor (defined in section 4958(c)(3)(C)), a family member of a substantial contributor, or a 35% controlled entity with regard to a substantial contributor? <i>If "Yes," complete Part I of Schedule L (Form 990 or 990-EZ).</i>		
8 Did the organization make a loan to a disqualified person (as defined in section 4958) not described in line 7? <i>If "Yes," complete Part I of Schedule L (Form 990 or 990-EZ).</i>		
9a Was the organization controlled directly or indirectly at any time during the tax year by one or more disqualified persons as defined in section 4946 (other than foundation managers and organizations described in section 509(a)(1) or (2))? <i>If "Yes," provide detail in Part VI.</i>		
b Did one or more disqualified persons (as defined in line 9a) hold a controlling interest in any entity in which the supporting organization had an interest? <i>If "Yes," provide detail in Part VI.</i>		
c Did a disqualified person (as defined in line 9a) have an ownership interest in, or derive any personal benefit from, assets in which the supporting organization also had an interest? <i>If "Yes," provide detail in Part VI.</i>		
10a Was the organization subject to the excess business holdings rules of section 4943 because of section 4943(f) (regarding certain Type II supporting organizations, and all Type III non-functionally integrated supporting organizations)? <i>If "Yes," answer 10b below.</i>		
b Did the organization have any excess business holdings in the tax year? <i>(Use Schedule C, Form 4720, to determine whether the organization had excess business holdings.)</i>		

Part IV Supporting Organizations *(continued)*

	Yes	No
11 Has the organization accepted a gift or contribution from any of the following persons?		
a A person who directly or indirectly controls, either alone or together with persons described in (b) and (c) below, the governing body of a supported organization?		
b A family member of a person described in (a) above?		
c A 35% controlled entity of a person described in (a) or (b) above? <i>If "Yes" to a, b, or c, provide detail in Part VI.</i>		
11a		
11b		
11c		

Section B. Type I Supporting Organizations

	Yes	No
1 Did the directors, trustees, or membership of one or more supported organizations have the power to regularly appoint or elect at least a majority of the organization's directors or trustees at all times during the tax year? <i>If "No," describe in Part VI how the supported organization(s) effectively operated, supervised, or controlled the organization's activities. If the organization had more than one supported organization, describe how the powers to appoint and/or remove directors or trustees were allocated among the supported organizations and what conditions or restrictions, if any, applied to such powers during the tax year.</i>		
1		
2 Did the organization operate for the benefit of any supported organization other than the supported organization(s) that operated, supervised, or controlled the supporting organization? <i>If "Yes," explain in Part VI how providing such benefit carried out the purposes of the supported organization(s) that operated, supervised, or controlled the supporting organization.</i>		
2		

Section C. Type II Supporting Organizations

	Yes	No
1 Were a majority of the organization's directors or trustees during the tax year also a majority of the directors or trustees of each of the organization's supported organization(s)? <i>If "No," describe in Part VI how control or management of the supporting organization was vested in the same persons that controlled or managed the supported organization(s).</i>		
1		

Section D. All Type III Supporting Organizations

	Yes	No
1 Did the organization provide to each of its supported organizations, by the last day of the fifth month of the organization's tax year, (i) a written notice describing the type and amount of support provided during the prior tax year, (ii) a copy of the Form 990 that was most recently filed as of the date of notification, and (iii) copies of the organization's governing documents in effect on the date of notification, to the extent not previously provided?		
1		
2 Were any of the organization's officers, directors, or trustees either (i) appointed or elected by the supported organization(s) or (ii) serving on the governing body of a supported organization? <i>If "No," explain in Part VI how the organization maintained a close and continuous working relationship with the supported organization(s).</i>		
2		
3 By reason of the relationship described in (2), did the organization's supported organizations have a significant voice in the organization's investment policies and in directing the use of the organization's income or assets at all times during the tax year? <i>If "Yes," describe in Part VI the role the organization's supported organizations played in this regard.</i>		
3		

Section E. Type III Functionally Integrated Supporting Organizations

1 Check the box next to the method that the organization used to satisfy the Integral Part Test during the year (see instructions).		
a <input type="checkbox"/> The organization satisfied the Activities Test. Complete line 2 below.		
b <input type="checkbox"/> The organization is the parent of each of its supported organizations. Complete line 3 below.		
c <input type="checkbox"/> The organization supported a governmental entity. Describe in Part VI how you supported a government entity (see instructions).		
2 Activities Test. Answer (a) and (b) below.	Yes	No
a Did substantially all of the organization's activities during the tax year directly further the exempt purposes of the supported organization(s) to which the organization was responsive? <i>If "Yes," then in Part VI identify those supported organizations and explain how these activities directly furthered their exempt purposes, how the organization was responsive to those supported organizations, and how the organization determined that these activities constituted substantially all of its activities.</i>		
2a		
b Did the activities described in (a) constitute activities that, but for the organization's involvement, one or more of the organization's supported organization(s) would have been engaged in? <i>If "Yes," explain in Part VI the reasons for the organization's position that its supported organization(s) would have engaged in these activities but for the organization's involvement.</i>		
2b		
3 Parent of Supported Organizations. Answer (a) and (b) below.		
a Did the organization have the power to regularly appoint or elect a majority of the officers, directors, or trustees of each of the supported organizations? <i>Provide details in Part VI.</i>		
3a		
b Did the organization exercise a substantial degree of direction over the policies, programs, and activities of each of its supported organizations? <i>If "Yes," describe in Part VI the role played by the organization in this regard.</i>		
3b		

Part V Type III Non-Functionally Integrated 509(a)(3) Supporting Organizations

1 Check here if the organization satisfied the Integral Part Test as a qualifying trust on Nov. 20, 1970 (explain in Part VI.) **See instructions.** All other Type III non-functionally integrated supporting organizations must complete Sections A through E.

Section A - Adjusted Net Income		(A) Prior Year	(B) Current Year (optional)
1	Net short-term capital gain	1	
2	Recoveries of prior-year distributions	2	
3	Other gross income (see instructions)	3	
4	Add lines 1 through 3	4	
5	Depreciation and depletion	5	
6	Portion of operating expenses paid or incurred for production or collection of gross income or for management, conservation, or maintenance of property held for production of income (see instructions)	6	
7	Other expenses (see instructions)	7	
8	Adjusted Net Income (subtract lines 5, 6, and 7 from line 4)	8	

Section B - Minimum Asset Amount		(A) Prior Year	(B) Current Year (optional)
1	Aggregate fair market value of all non-exempt-use assets (see instructions for short tax year or assets held for part of year):		
a	Average monthly value of securities	1a	
b	Average monthly cash balances	1b	
c	Fair market value of other non-exempt-use assets	1c	
d	Total (add lines 1a, 1b, and 1c)	1d	
e	Discount claimed for blockage or other factors (explain in detail in Part VI):		
2	Acquisition indebtedness applicable to non-exempt-use assets	2	
3	Subtract line 2 from line 1d	3	
4	Cash deemed held for exempt use. Enter 1-1/2% of line 3 (for greater amount, see instructions)	4	
5	Net value of non-exempt-use assets (subtract line 4 from line 3)	5	
6	Multiply line 5 by .035	6	
7	Recoveries of prior-year distributions	7	
8	Minimum Asset Amount (add line 7 to line 6)	8	

Section C - Distributable Amount		(A) Prior Year	(B) Current Year (optional)
1	Adjusted net income for prior year (from Section A, line 8, Column A)		Current Year
2	Enter 85% of line 1		
3	Minimum asset amount for prior year (from Section B, line 8, Column A)		
4	Enter greater of line 2 or line 3		
5	Income tax imposed in prior year		
6	Distributable Amount. Subtract line 5 from line 4, unless subject to emergency temporary reduction (see instructions)		
7	<input type="checkbox"/> Check here if the current year is the organization's first as a non-functionally integrated Type III supporting organization (see instructions).		

Part V Type III Non-Functionally Integrated 509(a)(3) Supporting Organizations *(continued)*

Section D - Distributions	Current Year
1 Amounts paid to supported organizations to accomplish exempt purposes	
2 Amounts paid to perform activity that directly furthers exempt purposes of supported organizations, in excess of income from activity	
3 Administrative expenses paid to accomplish exempt purposes of supported organizations	
4 Amounts paid to acquire exempt-use assets	
5 Qualified set-aside amounts (prior IRS approval required)	
6 Other distributions (describe in Part VI). See instructions	
7 Total annual distributions. Add lines 1 through 6	
8 Distributions to attentive supported organizations to which the organization is responsive (provide details in Part VI). See instructions	
9 Distributable amount for 2016 from Section C, line 6	
10 Line 8 amount divided by Line 9 amount	

Section E - Distribution Allocations (see instructions)	(i) Excess Distributions	(ii) Underdistributions Pre-2016	(iii) Distributable Amount for 2016
1 Distributable amount for 2016 from Section C, line 6			
2 Underdistributions, if any, for years prior to 2016 (reasonable cause required- explain in Part VI). See instructions			
3 Excess distributions carryover, if any, to 2016:			
a			
b			
c From 2013			
d From 2014			
e From 2015			
f Total of lines 3a through e			
g Applied to underdistributions of prior years			
h Applied to 2016 distributable amount			
i Carryover from 2011 not applied (see instructions)			
j Remainder. Subtract lines 3g, 3h, and 3i from 3f.			
4 Distributions for 2016 from Section D, line 7: \$			
a Applied to underdistributions of prior years			
b Applied to 2016 distributable amount			
c Remainder. Subtract lines 4a and 4b from 4			
5 Remaining underdistributions for years prior to 2016, if any. Subtract lines 3g and 4a from line 2. For result greater than zero, explain in Part VI. See instructions			
6 Remaining underdistributions for 2016. Subtract lines 3h and 4b from line 1. For result greater than zero, explain in Part VI. See instructions			
7 Excess distributions carryover to 2017. Add lines 3j and 4c			
8 Breakdown of line 7:			
a			
b Excess from 2013			
c Excess from 2014			
d Excess from 2015			
e Excess from 2016			

Schedule B

(Form 990, 990-EZ, or 990-PF)

Department of the Treasury Internal Revenue Service

Schedule of Contributors

Attach to Form 990, Form 990-EZ, or Form 990-PF. Information about Schedule B (Form 990, 990-EZ, or 990-PF) and its instructions is at www.irs.gov/form990 .

OMB No. 1545-0047

2016

Name of the organization

STROUD WATER RESEARCH CENTER

Employer identification number

52-2081073

Organization type (check one):

Filers of:

Section:

Form 990 or 990-EZ

[X] 501(c)(3) (enter number) organization

[] 4947(a)(1) nonexempt charitable trust not treated as a private foundation

[] 527 political organization

Form 990-PF

[] 501(c)(3) exempt private foundation

[] 4947(a)(1) nonexempt charitable trust treated as a private foundation

[] 501(c)(3) taxable private foundation

Check if your organization is covered by the General Rule or a Special Rule.

Note: Only a section 501(c)(7), (8), or (10) organization can check boxes for both the General Rule and a Special Rule. See instructions.

General Rule

[] For an organization filing Form 990, 990-EZ, or 990-PF that received, during the year, contributions totaling \$5,000 or more (in money or property) from any one contributor. Complete Parts I and II. See instructions for determining a contributor's total contributions.

Special Rules

[X] For an organization described in section 501(c)(3) filing Form 990 or 990-EZ that met the 33 1/3% support test of the regulations under sections 509(a)(1) and 170(b)(1)(A)(vi), that checked Schedule A (Form 990 or 990-EZ), Part II, line 13, 16a, or 16b, and that received from any one contributor, during the year, total contributions of the greater of (1) \$5,000 or (2) 2% of the amount on (i) Form 990, Part VIII, line 1h, or (ii) Form 990-EZ, line 1. Complete Parts I and II.

[] For an organization described in section 501(c)(7), (8), or (10) filing Form 990 or 990-EZ that received from any one contributor, during the year, total contributions of more than \$1,000 exclusively for religious, charitable, scientific, literary, or educational purposes, or for the prevention of cruelty to children or animals. Complete Parts I, II, and III.

[] For an organization described in section 501(c)(7), (8), or (10) filing Form 990 or 990-EZ that received from any one contributor, during the year, contributions exclusively for religious, charitable, etc., purposes, but no such contributions totaled more than \$1,000. If this box is checked, enter here the total contributions that were received during the year for an exclusively religious, charitable, etc., purpose. Don't complete any of the parts unless the General Rule applies to this organization because it received nonexclusively religious, charitable, etc., contributions totaling \$5,000 or more during the year ... \$

Caution: An organization that isn't covered by the General Rule and/or the Special Rules doesn't file Schedule B (Form 990, 990-EZ, or 990-PF), but it must answer "No" on Part IV, line 2, of its Form 990; or check the box on line H of its Form 990-EZ or on its Form 990-PF, Part I, line 2, to certify that it doesn't meet the filing requirements of Schedule B (Form 990, 990-EZ, or 990-PF).

LHA For Paperwork Reduction Act Notice, see the Instructions for Form 990, 990-EZ, or 990-PF. Schedule B (Form 990, 990-EZ, or 990-PF) (2016)

Name of organization STROUD WATER RESEARCH CENTER	Employer identification number 52-2081073
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Part I Contributors (See instructions). Use duplicate copies of Part I if additional space is needed.

(a) No.	(b) Name, address, and ZIP + 4	(c) Total contributions	(d) Type of contribution
1	NATIONAL SCIENCE FOUNDATION <hr/> 4201 WILSON BOULEVARD <hr/> ARLINGTON, VA 22230	\$ 1,060,907.	Person <input checked="" type="checkbox"/> Payroll <input type="checkbox"/> Noncash <input type="checkbox"/> (Complete Part II for noncash contributions.)
2	WILLIAM PENN FOUNDATION <hr/> TWO LOGAN SQUARE - 11TH FLOOR, 100 NORTH 18TH ST <hr/> PHILADELPHIA, PA 19103-2757	\$ 1,630,169.	Person <input checked="" type="checkbox"/> Payroll <input type="checkbox"/> Noncash <input type="checkbox"/> (Complete Part II for noncash contributions.)
3	NATIONAL FISH AND WILDLIFE FOUNDATION <hr/> 1133 15TH ST. NW <hr/> WASHINGTON, DC 20005	\$ 1,442,841.	Person <input checked="" type="checkbox"/> Payroll <input type="checkbox"/> Noncash <input type="checkbox"/> (Complete Part II for noncash contributions.)
	<hr/> <hr/> <hr/>	\$ _____	Person <input type="checkbox"/> Payroll <input type="checkbox"/> Noncash <input type="checkbox"/> (Complete Part II for noncash contributions.)
	<hr/> <hr/> <hr/>	\$ _____	Person <input type="checkbox"/> Payroll <input type="checkbox"/> Noncash <input type="checkbox"/> (Complete Part II for noncash contributions.)
	<hr/> <hr/> <hr/>	\$ _____	Person <input type="checkbox"/> Payroll <input type="checkbox"/> Noncash <input type="checkbox"/> (Complete Part II for noncash contributions.)

Name of organization STROUD WATER RESEARCH CENTER	Employer identification number 52-2081073
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Part II Noncash Property (See instructions). Use duplicate copies of Part II if additional space is needed.

(a) No. from Part I	(b) Description of noncash property given	(c) FMV (or estimate) (See instructions)	(d) Date received
_____	_____ _____ _____	\$ _____	_____
_____	_____ _____ _____	\$ _____	_____
_____	_____ _____ _____	\$ _____	_____
_____	_____ _____ _____	\$ _____	_____
_____	_____ _____ _____	\$ _____	_____
_____	_____ _____ _____	\$ _____	_____
_____	_____ _____ _____	\$ _____	_____
_____	_____ _____ _____	\$ _____	_____
_____	_____ _____ _____	\$ _____	_____
_____	_____ _____ _____	\$ _____	_____
_____	_____ _____ _____	\$ _____	_____
_____	_____ _____ _____	\$ _____	_____

Name of organization STROUD WATER RESEARCH CENTER	Employer identification number 52-2081073
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Part III Exclusively religious, charitable, etc., contributions to organizations described in section 501(c)(7), (8), or (10) that total more than \$1,000 for the year from any one contributor. Complete columns (a) through (e) and the following line entry. For organizations completing Part III, enter the total of exclusively religious, charitable, etc., contributions of \$1,000 or less for the year. (Enter this info. once.) ▶ \$ _____
Use duplicate copies of Part III if additional space is needed.

(a) No. from Part I	(b) Purpose of gift	(c) Use of gift	(d) Description of how gift is held
	_____	_____	_____
	_____	_____	_____
(e) Transfer of gift			
Transferee's name, address, and ZIP + 4		Relationship of transferor to transferee	
_____		_____	
_____		_____	
_____		_____	
(a) No. from Part I	(b) Purpose of gift	(c) Use of gift	(d) Description of how gift is held
	_____	_____	_____
	_____	_____	_____
(e) Transfer of gift			
Transferee's name, address, and ZIP + 4		Relationship of transferor to transferee	
_____		_____	
_____		_____	
_____		_____	
(a) No. from Part I	(b) Purpose of gift	(c) Use of gift	(d) Description of how gift is held
	_____	_____	_____
	_____	_____	_____
(e) Transfer of gift			
Transferee's name, address, and ZIP + 4		Relationship of transferor to transferee	
_____		_____	
_____		_____	
_____		_____	
(a) No. from Part I	(b) Purpose of gift	(c) Use of gift	(d) Description of how gift is held
	_____	_____	_____
	_____	_____	_____
(e) Transfer of gift			
Transferee's name, address, and ZIP + 4		Relationship of transferor to transferee	
_____		_____	
_____		_____	
_____		_____	

SCHEDULE D (Form 990)

Supplemental Financial Statements

Complete if the organization answered "Yes" on Form 990, Part IV, line 6, 7, 8, 9, 10, 11a, 11b, 11c, 11d, 11e, 11f, 12a, or 12b. Attach to Form 990.

Information about Schedule D (Form 990) and its instructions is at www.irs.gov/form990.

Department of the Treasury Internal Revenue Service

Name of the organization STROUD WATER RESEARCH CENTER Employer identification number 52-2081073

Part I Organizations Maintaining Donor Advised Funds or Other Similar Funds or Accounts. Complete if the organization answered "Yes" on Form 990, Part IV, line 6.

Table with 3 columns: Question, (a) Donor advised funds, (b) Funds and other accounts. Rows include total number at end of year, aggregate value of contributions, grants, and end of year, and two yes/no questions about donor property and grant fund usage.

Part II Conservation Easements. Complete if the organization answered "Yes" on Form 990, Part IV, line 7.

Form with multiple questions (1-9) regarding conservation easements, including checkboxes for various purposes, a table for tracking easements at the end of the tax year, and questions about monitoring and expenses.

Part III Organizations Maintaining Collections of Art, Historical Treasures, or Other Similar Assets. Complete if the organization answered "Yes" on Form 990, Part IV, line 8.

Form with questions (1a, 1b, 2) regarding the reporting of art and historical treasures, including amounts for revenue and assets.

Part III Organizations Maintaining Collections of Art, Historical Treasures, or Other Similar Assets *(continued)*

3 Using the organization's acquisition, accession, and other records, check any of the following that are a significant use of its collection items (check all that apply):

- | | |
|---|---|
| <p>a <input type="checkbox"/> Public exhibition</p> <p>b <input type="checkbox"/> Scholarly research</p> <p>c <input type="checkbox"/> Preservation for future generations</p> | <p>d <input type="checkbox"/> Loan or exchange programs</p> <p>e <input type="checkbox"/> Other _____</p> |
|---|---|

4 Provide a description of the organization's collections and explain how they further the organization's exempt purpose in Part XIII.

5 During the year, did the organization solicit or receive donations of art, historical treasures, or other similar assets to be sold to raise funds rather than to be maintained as part of the organization's collection? Yes No

Part IV Escrow and Custodial Arrangements. Complete if the organization answered "Yes" on Form 990, Part IV, line 9, or reported an amount on Form 990, Part X, line 21.

1a Is the organization an agent, trustee, custodian or other intermediary for contributions or other assets not included on Form 990, Part X? Yes No

b If "Yes," explain the arrangement in Part XIII and complete the following table:

	Amount
c Beginning balance	1c
d Additions during the year	1d
e Distributions during the year	1e
f Ending balance	1f

2a Did the organization include an amount on Form 990, Part X, line 21, for escrow or custodial account liability? Yes No

b If "Yes," explain the arrangement in Part XIII. Check here if the explanation has been provided on Part XIII

Part V Endowment Funds. Complete if the organization answered "Yes" on Form 990, Part IV, line 10.

	(a) Current year	(b) Prior year	(c) Two years back	(d) Three years back	(e) Four years back
1a Beginning of year balance	29,847,621.	32,093,779.	30,623,168.	26,657,361.	23,935,593.
b Contributions	1,036,252.	1,061,535.	2,560,818.	1,985,061.	2,847,797.
c Net investment earnings, gains, and losses	1,772,497.	-1,058,370.	979,196.	3,681,647.	2,407,254.
d Grants or scholarships					
e Other expenditures for facilities and programs	2,152,498.	2,249,323.	2,069,403.	1,700,928.	2,533,283.
f Administrative expenses					
g End of year balance	30,503,872.	29,847,621.	32,093,779.	30,623,168.	26,657,361.

2 Provide the estimated percentage of the current year end balance (line 1g, column (a)) held as:

- a** Board designated or quasi-endowment ▶ 53.36 %
- b** Permanent endowment ▶ 40.43 %
- c** Temporarily restricted endowment ▶ 6.21 %

The percentages on lines 2a, 2b, and 2c should equal 100%.

3a Are there endowment funds not in the possession of the organization that are held and administered for the organization by:

	Yes	No
(i) unrelated organizations	<input type="checkbox"/>	<input checked="" type="checkbox"/>
(ii) related organizations	<input type="checkbox"/>	<input checked="" type="checkbox"/>
b If "Yes" on line 3a(ii), are the related organizations listed as required on Schedule R?	<input type="checkbox"/>	<input type="checkbox"/>

4 Describe in Part XIII the intended uses of the organization's endowment funds.

Part VI Land, Buildings, and Equipment.

Complete if the organization answered "Yes" on Form 990, Part IV, line 11a. See Form 990, Part X, line 10.

Description of property	(a) Cost or other basis (investment)	(b) Cost or other basis (other)	(c) Accumulated depreciation	(d) Book value
1a Land		2,357,839.		2,357,839.
b Buildings		12,333,742.	3,333,866.	8,999,876.
c Leasehold improvements				
d Equipment		2,823,368.	2,295,458.	527,910.
e Other		231,275.	197,291.	33,984.
Total. Add lines 1a through 1e. (Column (d) must equal Form 990, Part X, column (B), line 10c.)				11,919,609.

Part VII Investments - Other Securities.

Complete if the organization answered "Yes" on Form 990, Part IV, line 11b. See Form 990, Part X, line 12.

(a) Description of security or category (including name of security)	(b) Book value	(c) Method of valuation: Cost or end-of-year market value
(1) Financial derivatives		
(2) Closely-held equity interests		
(3) Other		
(A) MUTUAL FUNDS	14,783,980.	END-OF-YEAR MARKET VALUE
(B) INVESTMENT IN LIMITED		
(C) PARTNERSHIP	6,212,492.	END-OF-YEAR MARKET VALUE
(D)		
(E)		
(F)		
(G)		
(H)		
Total. (Col. (b) must equal Form 990, Part X, col. (B) line 12.) ▶	20,996,472.	

Part VIII Investments - Program Related.

Complete if the organization answered "Yes" on Form 990, Part IV, line 11c. See Form 990, Part X, line 13.

(a) Description of investment	(b) Book value	(c) Method of valuation: Cost or end-of-year market value
(1)		
(2)		
(3)		
(4)		
(5)		
(6)		
(7)		
(8)		
(9)		
Total. (Col. (b) must equal Form 990, Part X, col. (B) line 13.) ▶		

Part IX Other Assets.

Complete if the organization answered "Yes" on Form 990, Part IV, line 11d. See Form 990, Part X, line 15.

(a) Description	(b) Book value
(1) BENEFICIAL INTEREST IN PERPETUAL TRUST	9,343,528.
(2) CONSTRUCTION IN PROGRESS	6,631.
(3)	
(4)	
(5)	
(6)	
(7)	
(8)	
(9)	
Total. (Column (b) must equal Form 990, Part X, col. (B) line 15.) ▶	9,350,159.

Part X Other Liabilities.

Complete if the organization answered "Yes" on Form 990, Part IV, line 11e or 11f. See Form 990, Part X, line 25.

1. (a) Description of liability	(b) Book value	
(1) Federal income taxes		
(2) PAYROLL TAXES PAYABLE	6,368.	
(3) PENSION BENEFIT OBLIGATION	2,093,430.	
(4)		
(5)		
(6)		
(7)		
(8)		
(9)		
Total. (Column (b) must equal Form 990, Part X, col. (B) line 25.) ▶	2,099,798.	

2. Liability for uncertain tax positions. In Part XIII, provide the text of the footnote to the organization's financial statements that reports the organization's liability for uncertain tax positions under FIN 48 (ASC 740). Check here if the text of the footnote has been provided in Part XIII

Part XI Reconciliation of Revenue per Audited Financial Statements With Revenue per Return.

Complete if the organization answered "Yes" on Form 990, Part IV, line 12a.

1 Total revenue, gains, and other support per audited financial statements		1	9,043,899.
2 Amounts included on line 1 but not on Form 990, Part VIII, line 12:			
a Net unrealized gains (losses) on investments	2a	565,760.	
b Donated services and use of facilities	2b		
c Recoveries of prior year grants	2c		
d Other (Describe in Part XIII.)	2d	-609,246.	
e Add lines 2a through 2d	2e		-43,486.
3 Subtract line 2e from line 1		3	9,087,385.
4 Amounts included on Form 990, Part VIII, line 12, but not on line 1:			
a Investment expenses not included on Form 990, Part VIII, line 7b	4a		
b Other (Describe in Part XIII.)	4b		
c Add lines 4a and 4b	4c		0.
5 Total revenue. Add lines 3 and 4c. (This must equal Form 990, Part I, line 12.)		5	9,087,385.

Part XII Reconciliation of Expenses per Audited Financial Statements With Expenses per Return.

Complete if the organization answered "Yes" on Form 990, Part IV, line 12a.

1 Total expenses and losses per audited financial statements		1	8,078,533.
2 Amounts included on line 1 but not on Form 990, Part IX, line 25:			
a Donated services and use of facilities	2a		
b Prior year adjustments	2b		
c Other losses	2c		
d Other (Describe in Part XIII.)	2d	34,382.	
e Add lines 2a through 2d	2e		34,382.
3 Subtract line 2e from line 1		3	8,044,151.
4 Amounts included on Form 990, Part IX, line 25, but not on line 1:			
a Investment expenses not included on Form 990, Part VIII, line 7b	4a		
b Other (Describe in Part XIII.)	4b		
c Add lines 4a and 4b	4c		0.
5 Total expenses. Add lines 3 and 4c. (This must equal Form 990, Part I, line 18.)		5	8,044,151.

Part XIII Supplemental Information.

Provide the descriptions required for Part II, lines 3, 5, and 9; Part III, lines 1a and 4; Part IV, lines 1b and 2b; Part V, line 4; Part X, line 2; Part XI, lines 2d and 4b; and Part XII, lines 2d and 4b. Also complete this part to provide any additional information.

PART V, LINE 4:

THE ORGANIZATION'S ENDOWMENT FUNDS ARE INTENDED TO BE USED TO FUND THE ORGANIZATION'S OPERATIONS AND CAPITAL ACQUISITIONS.

PART X, LINE 2:

THE CORPORATION ADHERES TO FASB ASC 740 - INCOME TAXES. FOR THE YEARS ENDED DECEMBER 31, 2016 AND 2015, THE CORPORATION HAS DETERMINED IT DID NOT HAVE A MATERIAL TAX LIABILITY FOR UNCERTAIN TAX POSITIONS.

PART XI, LINE 2D - OTHER ADJUSTMENTS:

FUNDRAISING EVENT EXPENSES NETTED WITH REVENUE IN PART VIII OF FORM 990 &

Part XIII Supplemental Information (continued)

PENSION-RELATED CHANGES OTHER THAN NET PERIODIC PENSION

COST

PART XII, LINE 2D - OTHER ADJUSTMENTS:

FUNDRAISING EVENT EXPENSES NETTED WITH REVENUE IN PART VIII

OF FORM 990

SCHEDULE G (Form 990 or 990-EZ)

Supplemental Information Regarding Fundraising or Gaming Activities
Complete if the organization answered "Yes" on Form 990, Part IV, line 17, 18, or 19, or if the organization entered more than \$15,000 on Form 990-EZ, line 6a.
Attach to Form 990 or Form 990-EZ.

Department of the Treasury Internal Revenue Service

Information about Schedule G (Form 990 or 990-EZ) and its instructions is at www.irs.gov/form990.

Name of the organization STROUD WATER RESEARCH CENTER
Employer identification number 52-2081073

Part I Fundraising Activities. Complete if the organization answered "Yes" on Form 990, Part IV, line 17. Form 990-EZ filers are not required to complete this part.

- 1 Indicate whether the organization raised funds through any of the following activities. Check all that apply.
a Mail solicitations
b Internet and email solicitations
c Phone solicitations
d In-person solicitations
e Solicitation of non-government grants
f Solicitation of government grants
g Special fundraising events
2 a Did the organization have a written or oral agreement with any individual...
b If "Yes," list the 10 highest paid individuals or entities (fundraisers) pursuant to agreements...

Table with 6 columns: (i) Name and address of individual or entity (fundraiser), (ii) Activity, (iii) Did fundraiser have custody or control of contributions?, (iv) Gross receipts from activity, (v) Amount paid to (or retained by) fundraiser listed in col. (i), (vi) Amount paid to (or retained by) organization. Includes a Total row at the bottom.

- 3 List all states in which the organization is registered or licensed to solicit contributions or has been notified it is exempt from registration or licensing.

Part II Fundraising Events. Complete if the organization answered "Yes" on Form 990, Part IV, line 18, or reported more than \$15,000 of fundraising event contributions and gross income on Form 990-EZ, lines 1 and 6b. List events with gross receipts greater than \$5,000.

		(a) Event #1	(b) Event #2	(c) Other events	(d) Total events (add col. (a) through col. (c))
		WATER 'S EDGE (event type)	(event type)	1 (total number)	
Revenue	1 Gross receipts	225,683.		115,078.	340,761.
	2 Less: Contributions				
	3 Gross income (line 1 minus line 2)	225,683.		115,078.	340,761.
Direct Expenses	4 Cash prizes				
	5 Noncash prizes				
	6 Rent/facility costs				
	7 Food and beverages	33,450.			33,450.
	8 Entertainment				
	9 Other direct expenses	932.			932.
	10 Direct expense summary. Add lines 4 through 9 in column (d)				34,382.
11 Net income summary. Subtract line 10 from line 3, column (d)				306,379.	

Part III Gaming. Complete if the organization answered "Yes" on Form 990, Part IV, line 19, or reported more than \$15,000 on Form 990-EZ, line 6a.

		(a) Bingo	(b) Pull tabs/instant bingo/progressive bingo	(c) Other gaming	(d) Total gaming (add col. (a) through col. (c))
Revenue	1 Gross revenue				
	2 Cash prizes				
Direct Expenses	3 Noncash prizes				
	4 Rent/facility costs				
	5 Other direct expenses				
Revenue	6 Volunteer labor	<input type="checkbox"/> Yes _____ % <input type="checkbox"/> No	<input type="checkbox"/> Yes _____ % <input type="checkbox"/> No	<input type="checkbox"/> Yes _____ % <input type="checkbox"/> No	
	7 Direct expense summary. Add lines 2 through 5 in column (d)				
	8 Net gaming income summary. Subtract line 7 from line 1, column (d)				

9 Enter the state(s) in which the organization conducts gaming activities: _____
a Is the organization licensed to conduct gaming activities in each of these states? Yes No
b If "No," explain: _____

10a Were any of the organization's gaming licenses revoked, suspended, or terminated during the tax year? Yes No
b If "Yes," explain: _____

- 11 Does the organization conduct gaming activities with nonmembers? Yes No
- 12 Is the organization a grantor, beneficiary or trustee of a trust, or a member of a partnership or other entity formed to administer charitable gaming? Yes No
- 13 Indicate the percentage of gaming activity conducted in:

a The organization's facility	13a	%
b An outside facility	13b	%
- 14 Enter the name and address of the person who prepares the organization's gaming/special events books and records:

Name ► _____

Address ► _____

15a Does the organization have a contract with a third party from whom the organization receives gaming revenue? Yes No

- b If "Yes," enter the amount of gaming revenue received by the organization ► \$ _____ and the amount of gaming revenue retained by the third party ► \$ _____
- c If "Yes," enter name and address of the third party:

Name ► _____

Address ► _____

16 Gaming manager information:

Name ► _____

Gaming manager compensation ► \$ _____

Description of services provided ► _____

Director/officer Employee Independent contractor

17 Mandatory distributions:

- a Is the organization required under state law to make charitable distributions from the gaming proceeds to retain the state gaming license? Yes No
- b Enter the amount of distributions required under state law to be distributed to other exempt organizations or spent in the organization's own exempt activities during the tax year ► \$ _____

Part IV **Supplemental Information.** Provide the explanations required by Part I, line 2b, columns (iii) and (v); and Part III, lines 9, 9b, 10b, 15b, 15c, 16, and 17b, as applicable. Also provide any additional information. See instructions

**SCHEDULE J
(Form 990)**

Compensation Information

For certain Officers, Directors, Trustees, Key Employees, and Highest Compensated Employees

▶ Complete if the organization answered "Yes" on Form 990, Part IV, line 23.

▶ Attach to Form 990.

▶ Information about Schedule J (Form 990) and its instructions is at www.irs.gov/form990.

Department of the Treasury
Internal Revenue Service

Name of the organization

STROUD WATER RESEARCH CENTER

Employer identification number

52-2081073

Part I Questions Regarding Compensation

1a Check the appropriate box(es) if the organization provided any of the following to or for a person listed on Form 990, Part VII, Section A, line 1a. Complete Part III to provide any relevant information regarding these items.

- | | |
|--|---|
| <input type="checkbox"/> First-class or charter travel | <input type="checkbox"/> Housing allowance or residence for personal use |
| <input type="checkbox"/> Travel for companions | <input type="checkbox"/> Payments for business use of personal residence |
| <input type="checkbox"/> Tax indemnification and gross-up payments | <input type="checkbox"/> Health or social club dues or initiation fees |
| <input type="checkbox"/> Discretionary spending account | <input type="checkbox"/> Personal services (such as, maid, chauffeur, chef) |

b If any of the boxes on line 1a are checked, did the organization follow a written policy regarding payment or reimbursement or provision of all of the expenses described above? If "No," complete Part III to explain

2 Did the organization require substantiation prior to reimbursing or allowing expenses incurred by all directors, trustees, and officers, including the CEO/Executive Director, regarding the items checked on line 1a?

3 Indicate which, if any, of the following the filing organization used to establish the compensation of the organization's CEO/Executive Director. Check all that apply. Do not check any boxes for methods used by a related organization to establish compensation of the CEO/Executive Director, but explain in Part III.

- | | |
|--|---|
| <input type="checkbox"/> Compensation committee | <input type="checkbox"/> Written employment contract |
| <input type="checkbox"/> Independent compensation consultant | <input type="checkbox"/> Compensation survey or study |
| <input type="checkbox"/> Form 990 of other organizations | <input checked="" type="checkbox"/> Approval by the board or compensation committee |

4 During the year, did any person listed on Form 990, Part VII, Section A, line 1a, with respect to the filing organization or a related organization:

- a** Receive a severance payment or change-of-control payment?
- b** Participate in, or receive payment from, a supplemental nonqualified retirement plan?
- c** Participate in, or receive payment from, an equity-based compensation arrangement?
- If "Yes" to any of lines 4a-c, list the persons and provide the applicable amounts for each item in Part III.

Only section 501(c)(3), 501(c)(4), and 501(c)(29) organizations must complete lines 5-9.

5 For persons listed on Form 990, Part VII, Section A, line 1a, did the organization pay or accrue any compensation contingent on the revenues of:

- a** The organization?
- b** Any related organization?
- If "Yes" on line 5a or 5b, describe in Part III.

6 For persons listed on Form 990, Part VII, Section A, line 1a, did the organization pay or accrue any compensation contingent on the net earnings of:

- a** The organization?
- b** Any related organization?
- If "Yes" on line 6a or 6b, describe in Part III.

7 For persons listed on Form 990, Part VII, Section A, line 1a, did the organization provide any nonfixed payments not described on lines 5 and 6? If "Yes," describe in Part III

8 Were any amounts reported on Form 990, Part VII, paid or accrued pursuant to a contract that was subject to the initial contract exception described in Regulations section 53.4958-4(a)(3)? If "Yes," describe in Part III

9 If "Yes" on line 8, did the organization also follow the rebuttable presumption procedure described in Regulations section 53.4958-6(c)?

	Yes	No
1b		
2		
4a		X
4b		X
4c		X
5a		X
5b		X
6a		X
6b		X
7		X
8		X
9		

Part II Officers, Directors, Trustees, Key Employees, and Highest Compensated Employees. Use duplicate copies if additional space is needed.

For each individual whose compensation must be reported on Schedule J, report compensation from the organization on row (i) and from related organizations, described in the instructions, on row (ii). Do not list any individuals that aren't listed on Form 990, Part VII.

Note: The sum of columns (B)(i)-(iii) for each listed individual must equal the total amount of Form 990, Part VII, Section A, line 1a, applicable column (D) and (E) amounts for that individual.

(A) Name and Title		(B) Breakdown of W-2 and/or 1099-MISC compensation			(C) Retirement and other deferred compensation	(D) Nontaxable benefits	(E) Total of columns (B)(i)-(D)	(F) Compensation in column (B) reported as deferred on prior Form 990
		(i) Base compensation	(ii) Bonus & incentive compensation	(iii) Other reportable compensation				
(1) BERNARD W. SWEENEY, PH.D. PRESIDENT, DIR, SR RESEARC	(i)	253,843.	0.	0.	28,754.	33,303.	315,900.	0.
	(ii)	0.	0.	0.	0.	0.	0.	0.
(2) KRISTINE LISI DIR OF DEVELOPMENT & OUTRE	(i)	129,557.	0.	0.	14,675.	16,998.	161,230.	0.
	(ii)	0.	0.	0.	0.	0.	0.	0.
(3) JOHN JACKSON SENIOR RESEARCH SCIENTIST	(i)	135,607.	0.	0.	15,361.	17,791.	168,759.	0.
	(ii)	0.	0.	0.	0.	0.	0.	0.
	(i)							
	(ii)							
	(i)							
	(ii)							
	(i)							
	(ii)							
	(i)							
	(ii)							
	(i)							
	(ii)							
	(i)							
	(ii)							
	(i)							
	(ii)							
	(i)							
	(ii)							
	(i)							
	(ii)							
	(i)							
	(ii)							

Part III Supplemental Information

Provide the information, explanation, or descriptions required for Part I, lines 1a, 1b, 3, 4a, 4b, 4c, 5a, 5b, 6a, 6b, 7, and 8, and for Part II. Also complete this part for any additional information.

Supplemental Information on Tax-Exempt Bonds

▶ **Complete if the organization answered "Yes" on Form 990, Part IV, line 24a. Provide descriptions, explanations, and any additional information in Part VI.**

▶ **Attach to Form 990.** ▶ **Information about Schedule K (Form 990) and its instructions is at www.irs.gov/form990.**

Name of the organization
STROUD WATER RESEARCH CENTER

Employer identification number
52-2081073

Part I Bond Issues											
SEE PART VI FOR COLUMNS (A) AND (F) CONTINUATIONS											
(a) Issuer name	(b) Issuer EIN	(c) CUSIP #	(d) Date issued	(e) Issue price	(f) Description of purpose	(g) Defeased		(h) On behalf of issuer		(i) Pooled financing	
						Yes	No	Yes	No	Yes	No
CENTRAL AND WESTERN A CHESTER COUNTY INDUSTRIA	23-2279439	NONE	12/23/10	6,500,000.	THE CONSTRUCTION AND EQUIPPING OF		X		X		X
B											
C											
D											

Part II Proceeds										
	A		B		C		D			
1 Amount of bonds retired										
2 Amount of bonds legally defeased										
3 Total proceeds of issue	6,500,000.									
4 Gross proceeds in reserve funds										
5 Capitalized interest from proceeds	366,050.									
6 Proceeds in refunding escrows										
7 Issuance costs from proceeds	44,375.									
8 Credit enhancement from proceeds										
9 Working capital expenditures from proceeds										
10 Capital expenditures from proceeds	6,089,575.									
11 Other spent proceeds										
12 Other unspent proceeds										
13 Year of substantial completion										
	Yes	No	Yes	No	Yes	No	Yes	No		
14 Were the bonds issued as part of a current refunding issue?		X								
15 Were the bonds issued as part of an advance refunding issue?		X								
16 Has the final allocation of proceeds been made?	X									
17 Does the organization maintain adequate books and records to support the final allocation of proceeds?	X									

Part III Private Business Use										
	A		B		C		D			
	Yes	No	Yes	No	Yes	No	Yes	No		
1 Was the organization a partner in a partnership, or a member of an LLC, which owned property financed by tax-exempt bonds?		X								
2 Are there any lease arrangements that may result in private business use of bond-financed property?		X								

Part III Private Business Use (Continued)

	A		B		C		D	
	Yes	No	Yes	No	Yes	No	Yes	No
3a Are there any management or service contracts that may result in private business use of bond-financed property?		X						
b If "Yes" to line 3a, does the organization routinely engage bond counsel or other outside counsel to review any management or service contracts relating to the financed property?								
c Are there any research agreements that may result in private business use of bond-financed property?		X						
d If "Yes" to line 3c, does the organization routinely engage bond counsel or other outside counsel to review any research agreements relating to the financed property?								
4 Enter the percentage of financed property used in a private business use by entities other than a section 501(c)(3) organization or a state or local government		%		%		%		%
5 Enter the percentage of financed property used in a private business use as a result of unrelated trade or business activity carried on by your organization, another section 501(c)(3) organization, or a state or local government		%		%		%		%
6 Total of lines 4 and 5		%		%		%		%
7 Does the bond issue meet the private security or payment test?		X						
8a Has there been a sale or disposition of any of the bond-financed property to a non-governmental person other than a 501(c)(3) organization since the bonds were issued?		X						
b If "Yes" to line 8a, enter the percentage of bond-financed property sold or disposed of		%		%		%		%
c If "Yes" to line 8a, was any remedial action taken pursuant to Regulations sections 1.141-12 and 1.145-2?								
9 Has the organization established written procedures to ensure that all nonqualified bonds of the issue are remediated in accordance with the requirements under Regulations sections 1.141-12 and 1.145-2?		X						

Part IV Arbitrage

	A		B		C		D	
	Yes	No	Yes	No	Yes	No	Yes	No
1 Has the issuer filed Form 8038-T, Arbitrage Rebate, Yield Reduction and Penalty in Lieu of Arbitrage Rebate?		X						
2 If "No" to line 1, did the following apply?								
a Rebate not due yet?		X						
b Exception to rebate?	X							
c No rebate due?		X						
If "Yes" to line 2c, provide in Part VI the date the rebate computation was performed								
3 Is the bond issue a variable rate issue?		X						
4a Has the organization or the governmental issuer entered into a qualified hedge with respect to the bond issue?		X						
b Name of provider								
c Term of hedge								
d Was the hedge superintegrated?								
e Was the hedge terminated?								

Part IV Arbitrage (Continued)

	A		B		C		D	
	Yes	No	Yes	No	Yes	No	Yes	No
5a Were gross proceeds invested in a guaranteed investment contract (GIC)?		X						
b Name of provider								
c Term of GIC								
d Was the regulatory safe harbor for establishing the fair market value of the GIC satisfied?								
6 Were any gross proceeds invested beyond an available temporary period?		X						
7 Has the organization established written procedures to monitor the requirements of section 148?		X						

Part V Procedures To Undertake Corrective Action

	A		B		C		D	
	Yes	No	Yes	No	Yes	No	Yes	No
Has the organization established written procedures to ensure that violations of federal tax requirements are timely identified and corrected through the voluntary closing agreement program if self-remediation isn't available under applicable regulations?		X						

Part VI Supplemental Information. Provide additional information for responses to questions on Schedule K. See instructions

SCHEDULE K, PART I, BOND ISSUES:

(A) ISSUER NAME: CENTRAL AND WESTERN CHESTER COUNTY INDUSTRIAL AUTHORITY

(F) DESCRIPTION OF PURPOSE:

THE CONSTRUCTION AND EQUIPPING OF A RESEARCH FACILITY

**SCHEDULE M
(Form 990)**

Noncash Contributions

Department of the Treasury
Internal Revenue Service

- ▶ Complete if the organizations answered "Yes" on Form 990, Part IV, lines 29 or 30.
- ▶ Attach to Form 990.
- ▶ Information about Schedule M (Form 990) and its instructions is at www.irs.gov/form990.

Name of the organization **STROUD WATER RESEARCH CENTER** Employer identification number **52-2081073**

Part I Types of Property

	(a) Check if applicable	(b) Number of contributions or items contributed	(c) Noncash contribution amounts reported on Form 990, Part VIII, line 1g	(d) Method of determining noncash contribution amounts
1 Art - Works of art				
2 Art - Historical treasures				
3 Art - Fractional interests				
4 Books and publications				
5 Clothing and household goods				
6 Cars and other vehicles				
7 Boats and planes				
8 Intellectual property				
9 Securities - Publicly traded	X	14	234,457.	QUOTED MARKET PRICE
10 Securities - Closely held stock				
11 Securities - Partnership, LLC, or trust interests				
12 Securities - Miscellaneous				
13 Qualified conservation contribution - Historic structures				
14 Qualified conservation contribution - Other				
15 Real estate - Residential				
16 Real estate - Commercial				
17 Real estate - Other				
18 Collectibles				
19 Food inventory				
20 Drugs and medical supplies				
21 Taxidermy				
22 Historical artifacts				
23 Scientific specimens				
24 Archeological artifacts				
25 Other (PLEDGES RECEI)	X	4	20,250.	PLEDGED AMOUNT
26 Other ()				
27 Other ()				
28 Other ()				

29 Number of Forms 8283 received by the organization during the tax year for contributions for which the organization completed Form 8283, Part IV, Donee Acknowledgement **29**

	Yes	No
30a During the year, did the organization receive by contribution any property reported in Part I, lines 1 through 28, that it must hold for at least three years from the date of the initial contribution, and which isn't required to be used for exempt purposes for the entire holding period?		X
b If "Yes," describe the arrangement in Part II.		
31 Does the organization have a gift acceptance policy that requires the review of any nonstandard contributions?		X
32a Does the organization hire or use third parties or related organizations to solicit, process, or sell noncash contributions?		X
b If "Yes," describe in Part II.		
33 If the organization didn't report an amount in column (c) for a type of property for which column (a) is checked, describe in Part II.		

SCHEDULE O
(Form 990 or 990-EZ)

Supplemental Information to Form 990 or 990-EZ

Complete to provide information for responses to specific questions on Form 990 or 990-EZ or to provide any additional information.

▶ Attach to Form 990 or 990-EZ.

▶ Information about Schedule O (Form 990 or 990-EZ) and its instructions is at www.irs.gov/form990.

Department of the Treasury
Internal Revenue Service

Name of the organization

STROUD WATER RESEARCH CENTER

Employer identification number

52-2081073

FORM 990, PART I, LINE 1, DESCRIPTION OF ORGANIZATION MISSION:

& COMMUNICATE NEW ECOLOGICAL IDEAS; TO PROVIDE SOLUTIONS FOR WATER RESOURCE PROBLEMS WORLDWIDE; AND TO PROMOTE PUBLIC UNDERSTANDING OF FRESHWATER ECOLOGY THROUGH EDUCATIONAL PROGRAMS, WATERSHED RESTORATION, CONSERVATION LEADERSHIP, AND PROFESSIONAL SERVICE.

FORM 990, PART VI, SECTION A, LINE 2:

DIRECTOR DIXON STROUD, JR. AND DIRECTOR ANNE STROUD HANNUM HAVE A FAMILY RELATIONSHIP.

FORM 990, PART VI, SECTION B, LINE 11B:

THE FORM 990 IS COMPLETED BY THE ORGANIZATION'S AUDITORS AND IS DISTRIBUTED TO THE ORGANIZATION'S TREASURER FOR APPROVAL PRIOR TO FILING.

FORM 990, PART VI, SECTION B, LINE 12C:

THE ORGANIZATION MAKES ITS CONFLICT OF INTEREST POLICY AVAILABLE TO ALL EMPLOYEES THROUGH ITS EMPLOYEE HANDBOOK. THE POLICY REQUIRES FULL AND PROMPT DISCLOSURE OF ANY CONFLICTS OF INTEREST TO THE BOARD OF DIRECTORS.

FORM 990, PART VI, SECTION B, LINE 15:

THE COMPENSATION OF THE EXECUTIVE DIRECTOR, OFFICERS AND HIGHLY COMPENSATED EMPLOYEES ARE DETERMINED BY THE BOARD AFTER PRELIMINARY WORK AND CORRESPONDING ANALYSES PERFORMED BY THE CO-CHAIRMAN OF THE BOARD. THE DETAILS ARE COMMUNICATED DURING EXECUTIVE SESSION OF THE BOARD WHERE STAFF IS NOT PRESENT.

Name of the organization STROUD WATER RESEARCH CENTER	Employer identification number 52-2081073
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FORM 990, PART VI, SECTION C, LINE 19:

THE ORGANIZATION MAKES ITS GOVERNING DOCUMENTS, CONFLICT OF INTEREST POLICY AND FINANCIAL STATEMENTS AVAILABLE TO THE PUBLIC UPON REQUEST.

FORM 990, PART XI, LINE 9, CHANGES IN NET ASSETS:

PENSION RELATED CHANGES OTHER THAN NET PERIODIC PENSION

COST -643,628.

FORM 990, PART XII, LINE 2C:

THE ORGANIZATION'S BOARD OF DIRECTORS ASSUMES THE RESPONSIBILITY OF OVERSIGHT OF THE AUDIT OF ITS FINANCIAL STATEMENTS AND THE SELECTION OF ITS INDEPENDENT ACCOUNTANTS.