Form 8879-EO

IRS e-file Signature Authorization for an Exempt Organization

and ending	20	

OMB No. 1545-1878

Department of the Treasury

For calendar year 2017, or fiscal year beginning Do not send to the IRS. Keep for your records.

Name of exempt organization	Employer identification number
STROUD WATER RESEARCH CENTER	52-2081073
Name and title of officer	32 2001073
DAVID B ARSCOTT PHD	
PRES, EXEC DIR, RESEARCH SCIENTIST	
Part I Type of Return and Return Information (Whole Dollars Only)	
Check the box for the return for which you are using this Form 8879-EO and enter the applicable amount on line 1a, 2a, 3a, 4a, or 5a, below, and the amount on that line for the return being filed with this form whichever is applicable, blank (do not enter -0-). But, if you entered -0- on the return, then enter -0- on than 1 line in Part I. 1a Form 990 check here X b Total revenue, if any (Form 990, Part VIII, column (A), line 1.	was blank, then leave line 1b, 2b, 3b, 4b, or 5b, the applicable line below. Do not complete more
2a Form 990-EZ check here b Total revenue, if any (Form 990-EZ, line 9)	2b
3a Form 1120-POL check here b Total tax (Form 1120-POL, line 22)	
4a Form 990-PF check here b Tax based on investment income (Form 990-PF, Part	VI, line 5) 4b
5a Form 8868 check here ▶	5b
Part II Declaration and Signature Authorization of Officer	
(a) an acknowledgement of receipt or reason for rejection of the transmission, (b) the reason for any dithe date of any refund. If applicable, I authorize the U.S. Treasury and its designated Financial Agent tidebit) entry to the financial institution account indicated in the tax preparation software for payment or return, and the financial institution to debit the entry to this account. To revoke a payment, I must condition 1-888-353-4537 no later than 2 business days prior to the payment (settlement) date. I also authorize the processing of the electronic payment of taxes to receive confidential information necessary to answer payment. I have selected a personal identification number (PIN) as my signature for the organization's organization's consent to electronic funds withdrawal. Officer's PIN: check one box only	o initiate an electronic funds withdrawal (direct f the organization's federal taxes owed on this tact the U.S. Treasury Financial Agent at he financial institutions involved in the inquiries and resolve issues related to the
X lauthorize GUNNIP & COMPANY LLP	to enter my PIN 54321
ERO firm name	Enter five numbers, b
	do not enter all zeros
as my signature on the organization's tax year 2017 electronically filed return. If I have indicated is being filed with a state agency(ies) regulating charities as part of the IRS Fed/State programmer my PIN on the return's disclosure consent screen.	그런 이 집에 있는데 아이는 아이들은 아이들은 사람이 되었다. 아이들은 아이들은 사람이 되었다면 하는데 아이들을 보시다면 모모다.
As an officer of the organization, I will enter my PIN as my signature on the organization's taindicated within this return that a copy of the return is being filed with a state agency(ies) recording program, I will enter my PIN on the return's disclosure consent screen.	가는 바다 하다는 것이 하는 것을 하는 것을 하는 것이다. 하는 것이 하는 것이 하는 것이 없는 것이다. 그는 것이 없는 것이다. 그런 것이다. 그런 것이다. 그런 것이다. 그런 것이다. 그런 것이다.
Officer's signature Date Date	09-18-18
Part III Certification and Authentication	
ERO's EFIN/PIN. Enter your six-digit electronic filing identification	
number (EFIN) followed by your five-digit self-selected PIN. 51070	0327512 nter all zeros
I certify that the above numeric entry is my PIN, which is my signature on the 2017 electronically filed confirm that I am submitting this return in accordance with the requirements of Pub. 4163 , Modernized e-file Providers for Business Returns.	
ERO's signature ▶	09-18-18
ERO Must Retain This Form - See Instruction	ons

Do Not Submit This Form to the IRS Unless Requested To Do So

EXTENDED TO NOVEMBER 15, 2018

Return of Organization Exempt From Income Tax

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

Do not enter social security numbers on this form as it may be made public.

Go to www.irs.gov/Form990 for instructions and the latest information.

Open to Public Inspection

Form **990** (2017)

CLIENT'S

Department of the Treasury Internal Revenue Service

For the 2017 calendar year, or tax year beginning Check if applicable: C Name of organization D Employer identification number |Address |change STROUD WATER RESEARCH CENTER Name change Doing business as 52-2081073 Initial return Number and street (or P.O. box if mail is not delivered to street address) Room/suite E Telephone number Final return/ 970 SPENCER ROAD 610-268-2153 termin-ated City or town, state or province, country, and ZIP or foreign postal code 15,845,209. G Gross receipts \$ Amended return AVONDALE, PA 19311-9514 H(a) Is this a group return Applica-F Name and address of principal officer: DAVID B. ARSCOTT, for subordinates? _Yes LX No pending SAME AS C ABOVE H(b) Are all subordinates included? Yes I Tax-exempt status: X 501(c)(3) 501(c) () ◀ (insert no.) 4947(a)(1) or _____ 527 If "No," attach a list. (see instructions) J Website: ► WWW.STROUDCENTER.ORG **H(c)** Group exemption number ▶ K Form of organization: X Corporation Trust Association Other > L Year of formation: 1998 M State of legal domicile: DE | Part I | Summary Briefly describe the organization's mission or most significant activities: TO ADVANCE KNOWLEDGE OF STREAM Activities & Governance AND RIVER ECOSYSTEMS THROUGH INTERDISCIPLINARY RESEARCH; TO DEVELOP Check this box | if the organization discontinued its operations or disposed of more than 25% of its net assets. Number of voting members of the governing body (Part VI, line 1a) 23 Number of independent voting members of the governing body (Part VI, line 1b) 23 5 Total number of individuals employed in calendar year 2017 (Part V, line 2a) 78 Total number of volunteers (estimate if necessary) 7 a Total unrelated business revenue from Part VIII, column (C), line 12 0. b Net unrelated business taxable income from Form 990-T, line 34 Prior Year **Current Year** 7,470,064 Contributions and grants (Part VIII, line 1h) <u>12,341,106.</u> Program service revenue (Part VIII, line 2g) 0. 10 Investment income (Part VIII, column (A), lines 3, 4, and 7d) 1,210,156. 615,919. Other revenue (Part VIII, column (A), lines 5, 6d, 8c, 9c, 10c, and 11e) 407,165 584,762. Total revenue - add lines 8 through 11 (must equal Part VIII, column (A), line 12) 9,087,385. 13,541,787. Grants and similar amounts paid (Part IX, column (A), lines 1-3) Ω. 0. 14 Benefits paid to or for members (Part IX, column (A), line 4) 0. 0. Salaries, other compensation, employee benefits (Part IX, column (A), lines 5-10) 3,880,316. 4,327,516. 16a Professional fundraising fees (Part IX, column (A), line 11e) b Total fundraising expenses (Part IX, column (D), line 25)
455,600. 17 Other expenses (Part IX, column (A), lines 11a-11d, 11f-24e) 4,163,835. <u>5,</u>176,566. 18 Total expenses. Add lines 13-17 (must equal Part IX, column (A), line 25) 8,044,151. 9,504,082. 19 Revenue less expenses. Subtract line 18 from line 12 1,043,234. 4,037,705. Assets or | Balances Beginning of Current Year End of Year 54,476,842. 20 Total assets (Part X, line 16) 46,981,353. Total liabilities (Part X, line 26) 8,341,560. <u>9,057,341.</u> Net assets or fund balances. Subtract line 21 from line 20 38,639,793. 45,419,501. 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. Declaration of preparer (other than officer) is based on all information of which preparer has any knowledge. Signature of officer Sign DAVID B. ARSCOTT, PH.D., PRES, EXEC DIR, RESEARCH SCIENTIST Here Type or print name and title PTIN Print/Type preparer's name Preparer's signature Paid MICHAEL A. TROLIO self-employed P00357423 Preparer Firm's name GUNNIP & COMPANY LLP 51-0076769 Firm's EIN Use Only Firm's address 2751 CENTERVILLE RD., STE. 300 WILMINGTON, DE 19808 Phone no. 302-225-5000 May the IRS discuss this return with the preparer shown above? (see instructions) X Yes

LHA For Paperwork Reduction Act Notice, see the separate instructions.

		WATER RESEARCH CENT	ER 52	-2081073 Page 2
Pa	rt III Statement of Program	-		
		a response or note to any line in this Part I	II	
1	Briefly describe the organization's mi	ssion:		
2	prior Form 990 or 990-EZ?	gnificant program services during the yea		Yes X No
3	if "Yes," describe these new services Did the organization cease conductin If "Yes," describe these changes on	g, or make significant changes in how it c	onducts, any program services?	Yes X No
4	Describe the organization's program	service accomplishments for each of its thizations are required to report the amount		
4a	TO ADVANCE KNOWLEDGE INTERDISCIPLINARY INTERDISC	5,898,034. Including grants of \$ SE OF STREAM AND RIVE; RESEARCH; TO DEVELOP SOLUTIONS FOR WATER R UNDERSTANDING OF FRES: MS, WATERSHED RESTORA ERVICE.	R ECOSYSTEMS THROUG & COMMUNICATE NEW E ESOURCE PROBLEMS WO HWATER ECOLOGY THRO	H COLOGICAL RLDWIDE; AND UGH
4b	(Code:) (Expenses \$	including grants of \$) (Revenue \$)
4c	(Code:) (Expenses \$	including grants of \$) (Revenue \$)
4d	Other program services (Describe in S	Schedule O.)		
	(Expenses \$	including grants of \$) (Revenue \$)
<u>4e</u>	Total program service expenses	6,898,034.		

Form **990** (2017)

Form 990 (2017) STROUD WATER RESEARCH CENTER 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)?			
	If "Yes," complete Schedule A	11	X	
2	Is the organization required to complete Schedule B, Schedule of Contributors?	2	X	
3	Did the organization engage in direct or indirect political campaign activities on behalf of or in opposition to candidates for public office? If "Yes," complete Schedule C, Part I	3		х
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? If "Yes," complete Schedule C, Part II	4		X
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? If "Yes," complete Schedule C, Part III	5_		X
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? If "Yes," complete Schedule D, Part I	6		X
7	Did the organization receive or hold a conservation easement, including easements to preserve open space,			
	the environment, historic land areas, or historic structures? If "Yes," complete Schedule D, Part II	7		X
8	Did the organization maintain collections of works of art, historical treasures, or other similar assets? If "Yes," complete Schedule D, Part III	8		x
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?			
	If "Yes," complete Schedule D, Part IV	9		_X_
10	Did the organization, directly or through a related organization, hold assets in temporarily restricted endowments, permanent			
	endowments, or quasi-endowments? If "Yes," complete Schedule D, Part V	10	X	
11	If the organization's answer to any of the following questions is "Yes," then complete Schedule D, Parts VI, VIII, IX, or X			
а	as applicable. Did the organization report an amount for land, buildings, and equipment in Part X, line 10? If "Yes," complete Schedule D,			
a	Part VI	11a	Х	
b	Did the organization report an amount for investments - other securities in Part X, line 12 that is 5% or more of its total	114		
	assets reported in Part X, line 16? If "Yes," complete Schedule D, Part VII	11b	Х	
С	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? If "Yes," complete Schedule D, Part VIII	11c		X
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? If "Yes," complete Schedule D, Part IX	11d	_X_	
е	Did the organization report an amount for other liabilities in Part X, line 25? If "Yes," complete Schedule D, Part X	11e	X	
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)? If "Yes," complete Schedule D, Part X	11f	X	
12a	Did the organization obtain separate, independent audited financial statements for the tax year? If "Yes," complete			
	Schedule D, Parts XI and XII	12a	Χ_	
D	Was the organization included in consolidated, independent audited financial statements for the tax year? If "Yes," and if the organization answered "No" to line 12a, then completing Schedule D, Parts XI and XII is optional	40.		3.7
13	Is the organization a school described in section 170(b)(1)(A)(ii)? If "Yes," complete Schedule E	12b		X
		13 14a		X
	Did the organization maintain an office, employees, or agents outside of the United States? Did the organization have aggregate revenues or expenses of more than \$10,000 from grantmaking, fundraising, business,	144		
~	investment, and program service activities outside the United States, or aggregate foreign investments valued at \$100,000			
	or more? If "Yes," complete Schedule F, Parts I and IV	14b		x
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? If "Yes," complete Schedule F, Parts II and IV	15		X
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? If "Yes," complete Schedule F, Parts III and IV	16		X
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? If "Yes," complete Schedule G, Part I	17		X_
18	Did the organization report more than \$15,000 total of fundraising event gross income and contributions on Part VIII, lines]	
40	1c and 8a? If "Yes," complete Schedule G, Part II	18	X	
19	Did the organization report more than \$15,000 of gross income from gaming activities on Part VIII, line 9a? If "Yes,"			77
	complete Schedule G, Part III	19		<u>X</u>

Form 990 (2017) STROUD WATER RESEARCH CENTER
Part IV Checklist of Required Schedules (continued)

			Yes	No
20 a	Did the organization operate one or more hospital facilities? If "Yes," complete Schedule H	20a		Х
	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? If "Yes," complete Schedule I, Parts I and II	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? If "Yes," complete Schedule I, Parts I and III	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? If "Yes," complete			
	Schedule J	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? If "Yes," answer lines 24b through 24d and complete			
	Schedule K. If "No", go to line 25a	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? If "Yes," complete Schedule L, Part 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? If "Yes," complete			
	Schedule L, Part 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? If "Yes,"			
	complete Schedule L, Part II	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			l <u></u>
	of any of these persons? If "Yes," complete Schedule L, Part III	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):	1		
a	A current or former officer, director, trustee, or key employee? If "Yes," complete Schedule L, Part IV	28a		X
b	A family member of a current or former officer, director, trustee, or key employee? If "Yes," complete Schedule L, Part IV	28b		X
С	An entity of which a current or former officer, director, trustee, or key employee (or a family member thereof) was an officer,			٦,
00	director, trustee, or direct or indirect owner? If "Yes," complete Schedule L, Part IV	28c		_X_
29	Did the organization receive more than \$25,000 in non-cash contributions? If "Yes," complete Schedule M	29	X	-
30	Did the organization receive contributions of art, historical treasures, or other similar assets, or qualified conservation			٦,
	contributions? If "Yes," complete Schedule M	30		X
31	Did the organization liquidate, terminate, or dissolve and cease operations?			٠,,
20	ff "Yes," complete Schedule N, Part I Did the organization sell, exchange, dispose of, or transfer more than 25% of its net assets? If "Yes," complete	31		X
32		00		x
33	Schedule N, Part II Did the organization own 100% of an entity disregarded as separate from the organization under Regulations	32		
30	sections 301.7701-2 and 301.7701-3? If "Yes," complete Schedule R, Part I	33		x
34	Was the organization related to any tax-exempt or taxable entity? If "Yes," complete Schedule R, Part II, III, or IV, and			
J -7	Part V, line 1	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	000	. - - ·	
~	within the meaning of section 512(b)(13)? If "Yes," complete Schedule R, Part V, line 2	35b		
36	Section 501(c)(3) organizations. Did the organization make any transfers to an exempt non-charitable related organization?	300		
	If "Yes," complete Schedule R, Part V, line 2	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? If "Yes," complete Schedule R, Part VI	37		x
38	Did the organization complete Schedule O and provide explanations in Schedule O for Part VI, lines 11b and 19?			 -
	Note. All Form 990 filers are required to complete Schedule O	38	X	

ra	Check if Schedule O contains a response or note to any line in this Part V				
		1 1		Yes	No
1a	Enter the number reported in Box 3 of Form 1096. Enter ·0· if not applicable	1a 42	1		
b	Enter the number of Forms W-2G included in line 1a. Enter -0- if not applicable				
С	Did the organization comply with backup withholding rules for reportable payments to vendors and r	,		-	
0-	(gambling) winnings to prize winners?		10	X	
za	Enter the number of employees reported on Form W-3, Transmittal of Wage and Tax Statements,	70			
	filed for the calendar year ending with or within the year covered by this return		1	\ 	
D	If at least one is reported on line 2a, did the organization file all required federal employment tax retu		2b	X	
_	Note. If the sum of lines 1a and 2a is greater than 250, you may be required to e-file (see instructions		_		77
			3a		X
	If "Yes," has it filed a Form 990-T for this year? If "No," to line 3b, provide an explanation in Schedule		3b		
4a	At any time during the calendar year, did the organization have an interest in, or a signature or other				37
	financial account in a foreign country (such as a bank account, securities account, or other financial	account)?	_4a_	\vdash	X
D	If "Yes," enter the name of the foreign country:	- (ED A D)			
_	See instructions for filing requirements for FinCEN Form 114, Report of Foreign Bank and Financial A	· · ·	l _		37
5a			5a		X
b	Did any taxable party notify the organization that it was or is a party to a prohibited tax shelter transaction that it was or is a party to a prohibited tax shelter transaction.		5b	 -	X
С	If "Yes," to line 5a or 5b, did the organization file Form 8886-T?		_5c		
6a	Does the organization have annual gross receipts that are normally greater than \$100,000, and did the				
_	any contributions that were not tax deductible as charitable contributions?		6a		X
b	If "Yes," did the organization include with every solicitation an express statement that such contribu	•			
	were not tax deductible?	••••••	_6b_		
7	Organizations that may receive deductible contributions under section 170(c).				
a	Did the organization receive a payment in excess of \$75 made partly as a contribution and partly for goods and se	•	7a		_X
b	If "Yes," did the organization notify the donor of the value of the goods or services provided?		7b		
С	Did the organization sell, exchange, or otherwise dispose of tangible personal property for which it w	•			
_	to file Form 8282?		7c		<u> X</u>
	if "Yes," indicate the number of Forms 8282 filed during the year		-		
e	Did the organization receive any funds, directly or indirectly, to pay premiums on a personal benefit of		7e		
f	Did the organization, during the year, pay premiums, directly or indirectly, on a personal benefit cont		7f		
g	If the organization received a contribution of qualified intellectual property, did the organization file F		7g	\vdash	
h	If the organization received a contribution of cars, boats, airplanes, or other vehicles, did the organization		7h		
8	Sponsoring organizations maintaining donor advised funds. Did a donor advised fund maintained	•			
	sponsoring organization have excess business holdings at any time during the year?		8	 	
9	Sponsoring organizations maintaining donor advised funds.				
a	Did the sponsoring organization make any taxable distributions under section 4966?	•••••••	9a		
	Did the sponsoring organization make a distribution to a donor, donor advisor, or related person?		9b		
10	Section 501(c)(7) organizations. Enter:	1 1			
a	Initiation fees and capital contributions included on Part VIII, line 12	10a	-		
b	Gross receipts, included on Form 990, Part VIII, line 12, for public use of club facilities	10b	-		
11	Section 501(c)(12) organizations. Enter:	1 1			
a	Gross income from members or shareholders	11a	-		
þ	Gross income from other sources (Do not net amounts due or paid to other sources against				
	amounts due or received from them.)	11b	-		
	Section 4947(a)(1) non-exempt charitable trusts. Is the organization filing Form 990 in lieu of Form		12a		
	If "Yes," enter the amount of tax-exempt interest received or accrued during the year	12b	-		
13	Section 501(c)(29) qualified nonprofit health insurance issuers.			 	
а	Is the organization licensed to issue qualified health plans in more than one state?		<u>13a</u>	 	
	Note. See the instructions for additional information the organization must report on Schedule O.				
þ	Enter the amount of reserves the organization is required to maintain by the states in which the	1 1			
	organization is licensed to issue qualified health plans	13b	-		
С	Enter the amount of reserves on hand	13c	<u> </u>		
14a			14a	├ ──-	_X
h	If "Yes." has it filed a Form 720 to report these payments? If "No." provide an explanation in Schedul	le ()	14h	1 /	

52-2081073 Page 6

Form 990 (2017) STROUD WATER RESEARCH CENTER 52-2081073 Page 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 C). See .	instruction	S.	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	oopor,	
	Check if Schedule O contains a response or note to any line in this Part VI						X
Sec	tion A. Governing Body and Management						
			1			Yes	No
1a	Enter the number of voting members of the governing body at the end of the tax year	1a		23	:		
	If there are material differences in voting rights among members of the governing body, or if the governing			I			
	body delegated broad authority to an executive committee or similar committee, explain in Schedule O.						
b	Enter the number of voting members included in line 1a, above, who are independent	1b		23			
2	Did any officer, director, trustee, or key employee have a family relationship or a business relationship	p with	any other				
	officer, director, trustee, or key employee?				2_	X	
3	Did the organization delegate control over management duties customarily performed by or under the		-				
	of officers, directors, or trustees, or key employees to a management company or other person?				3		X
4	Did the organization make any significant changes to its governing documents since the prior Form				4		X
5	Did the organization become aware during the year of a significant diversion of the organization's as	sets?	•		5		<u>X</u>
6	Did the organization have members or stockholders?				6		X
7a	Did the organization have members, stockholders, or other persons who had the power to elect or a	ppoint	one or				
	more members of the governing body?				7a		X
b	Are any governance decisions of the organization reserved to (or subject to approval by) members, s	stockh	olders, or				
	persons other than the governing body?				7b		X
8	Did the organization contemporaneously document the meetings held or written actions undertaken during the ye						
а	The governing body?				8a	_ <u>X</u> _	
b	Each committee with authority to act on behalf of the governing body?				8b	<u> </u>	
9	Is there any officer, director, trustee, or key employee listed in Part VII, Section A, who cannot be real						
	organization's mailing address? If "Yes," provide the names and addresses in Schedule O				9		X
Sec	tion B. Policies (This Section B requests information about policies not required by the Internal R	evenu	e Code.)				
						Yes	No
	Did the organization have local chapters, branches, or affiliates?				10a		X
b	If "Yes," did the organization have written policies and procedures governing the activities of such c	hapter	s, affiliates	i,			
					10b		
11a	Has the organization provided a complete copy of this Form 990 to all members of its governing boo	ly befo	re filing th	e form?	11a	X	
b	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				12a	X	
b	Were officers, directors, or trustees, and key employees required to disclose annually interests that could give rise		*****		12b		X
C	Did the organization regularly and consistently monitor and enforce compliance with the policy? If "Y	es," a	escribe				
	in Schedule O how this was done				12c	X	
13	Did the organization have a written whistleblower policy?		• · · · · · · · · · · · · · · · · · · ·		13	X	
14	Did the organization have a written document retention and destruction policy?			•••••	14	X	
15	Did the process for determining compensation of the following persons include a review and approv	-	ndepender	nt			
	persons, comparability data, and contemporaneous substantiation of the deliberation and decision?						
а	The organization's CEO, Executive Director, or top management official				15a	X	
b	Other officers or key employees of the organization				15b	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 arrange						₹7
	taxable entity during the year?				16a		X
b	If "Yes," did the organization follow a written policy or procedure requiring the organization to evaluation to evaluation to evaluation follows a written policy or procedure requiring the organization to evaluation follows a written policy or procedure requiring the organization to evaluation follows a written policy or procedure requiring the organization to evaluation follows a written policy or procedure requiring the organization to evaluation follows a written policy or procedure requiring the organization to evaluation follows a written policy or procedure requiring the organization to evaluation follows a written policy or procedure requiring the organization to evaluation follows a written policy or procedure requiring the organization to evaluation follows a written policy or procedure requiring the organization to evaluation follows a written policy or procedure requiring the organization follows a written policy or procedure requiring the organization of the procedure requirement of the procedure require		· · · · · · · · · · · · · · · · · · ·	n			
	in joint venture arrangements under applicable federal tax law, and take steps to safeguard the orga	nizatio	n's				
O	exempt status with respect to such arrangements?	*********	****************		16b		L
	tion C. Disclosure						
17	List the states with which a copy of this Form 990 is required to be filed PA	F (C		(0)		1.	
18	Section 6104 requires an organization to make its Forms 1023 (or 1024 if applicable), 990, and 990-	ı (Sec	tion 501(c)	(3)s only) a	ivailab	le	
	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						
19	Describe in Schedule O whether (and if so, how) the organization made its governing documents, co	nflict	of interest	policy, and	i finan	cial	
	statements available to the public during the tax year.						
2 0	State the name, address, and telephone number of the person who possesses the organization's bo	oks a	nd 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.

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

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

(A) Name and Title	(B) Average hours per week	(do	not c	((Pos heck ss pe	C) ition more		one h an	(D) Reportable compensation from	(E) Reportable compensation from related	(F) Estimated amount of other
	(list any hours for related organizations below line)	Individual trustee or director	Institutional trustee	Officer	Key employee	Highest compensated employee	Former	the organization (W-2/1099-MISC)	organizations (W-2/1099-MISC)	compensation from the organization and related organizations
(1) BARBARA C. RIEGEL DIRECTOR	2.00	x						0.	0.	0.
(2) BERNARD W. SWEENEY, PH.D.	40.00									· · · · · · · · · · · · · · · · · · ·
PRESIDENT DIR SR RESEARCH SCIENTIS	20100	x		Į				256,274.	0.	62,652.
(3) BERT KERSTETTER	2.00									<u> </u>
DIRECTOR		x						0.	0.	0.
(4) C. PORTER SCHUTT, III	2.00									
DIRECTOR		x						0.	0.	0.
(5) DAVID B. ARSCOTT, PH.D.	40.00									
VP, ASST DIR, RESEARCH SCIENTIST		X		X				149,200.	0.	36,475.
(6) FRANCES M. ABBOTT	2.00									
DIRECTOR		X						0.	0.	0.
(7) FREDERICK L. MESERVE, JR.	2.00	Į								
DIRECTOR		X						0.	0.	0.
(8) H. DONNAN SHARP JONES	2.00									
DIRECTOR		X						0.	0.	0.
(9) JOHN R.S. FISHER, VMD	5.00								_	
EMERITUS MEMBER		Х						0.	0.	0.
(10) JOSH AULD PH.D	2.00									_
DIRECTOR		Х		_			ļ	0.	0.	0.
(11) MARGARETTA BROKAW	2.00					İ		_		
DIRECTOR	0.00	X				_	ļ	0.	0.	0.
(12) MICHAEL BUCKLIN	2.00								•	
DIRECTOR	2 00	X.						0.	0.	0.
(13) PETER KJELLERUP	2.00	37								_
DIRECTOR	2 00	X		_		_	 	0.	0.	0.
(14) RICHARD A HAYNE	2.00	x							^	_
DIRECTOR	2.00	Δ.		_	<u> </u>			0.	0.	0.
(15) ROBERT M DIFILIPPO	4.00	x						0.	0.	_
DIRECTOR (16) ROBERT W. WHETZEL	2.00	^			-			0.	<u> </u>	0.
DIRECTOR	4.00	X						0.	0.	0.
(17) RODMAN W. MOORHEAD III	5.00			_		_	l	0.	<u>0 •</u>	
CHAIRMAN		x						0.	0.	0.
732007 11-28-17				_			_		<u>V•</u>	Form 990 (2017)

(A) Name and title	(B) Average hours per	(do	not o	Pos check	C) itior more	1 than is bol	one th an	(D) Reportable	(E) Reportable compensation			(F) stimate nount	
	week (list any hours for related organizations below line)	tee or director	Institutional trustee	od a d	Key employee	Highest compensated 11/2		from the organization (W-2/1099-MISC)	from related organizations (W-2/1099-MISC	5)	com fr org and	other pensa om the anizat d relat anizati	e :ion :ed
(18) SUSAN PACKARD LEGROS, ESQ. DIRECTOR	2.00	X						0.		0.			0.
(19) W.B. DIXON STROUD, JR. DIRECTOR	2.00	x						0.		0.			0.
(20) WILLIAM KRONENBERG III DIRECTOR	2.00	x						0.		0.			0.
(21) HOLLY MICHAEL, PH.D. DIRECTOR	2.00	X						0.		0.			0.
(22) CAROL WARE DIRECTOR	2.00	x						0.		0.			0.
(23) ANNE STROUD DIRECTOR	2.00	x						0.		ο.			0.
(24) JOHN D. PEPE TREASURER & CONTROLLER	40.00			x		ļ		121,505.		ο.	2	9,7	04.
(25) KRISTINE LISI DIR OF DEVELOPMENT & OUTRE	40.00	_		x				132,962.		ο.	_3	2,5	05.
(26) JOHN JACKSON SENIOR RESEARCH SCIENTIST 1b Sub-total	40.00				<u>.</u>	x		137,505. 797,446.		o. o.		3,6 4,9	
c Total from continuation sheets to Part Vi d Total (add lines 1b and 1c)	II, Section A						>	344,061. 1,141,507.		0.	8	$\frac{4}{4}, 1$	14.
Total number of individuals (including but no compensation from the organization												270	8
	·									1		Yes	No
3 Did the organization list any former officer, line 1a? If "Yes," complete Schedule J for s	uch individual										3		X_
4 For any individual listed on line 1a, is the su and related organizations greater than \$15	0,000? <i>If "Yes,</i>	, " co	mpk	ete S	Sche	edul	e J	for such individual	•••••		4	х	
5 Did any person listed on line 1a receive or a rendered to the organization? If "Yes," com											5		Х
Section B. Independent Contractors													
Complete this table for your five highest co the organization. Report compensation for									·=·	ensa	ation t	rom	
(A) Name and business	address	N	ONI	E				(B) Description of s	ervices	С	ompe	C) nsatio	n
		,						,					
2 Total number of independent contractors (i \$100,000 of compensation from the organi		ot li	mite	d to		se li O	stec	d above) who received m	ore than				

Part VII Section A. Officers, Directors, Tri									52-208	1073
		mple	oyee			ligh	est			
(A) Name and title	(B) Average hours	(c	heck	Pos	C) ition that		ly)	(D) Reportable compensation	(E) Reportable compensation	(F) Estimated amount of
	per week (list any hours for related organizations below line)	Individual	lastitutional trustee	Officer	Key employee	Highest compensated employee	Former	from the organization (W-2/1099-MISC)	from related organizations (W-2/1099-MISC)	other compensatio from the organizatior and related organization
(27) MATTHEW EHRHART	40.00							404 500		
VATERSHED RESTORATION DIRE	40.00	-				Х		121,702.	0.	<u> 29,75</u> :
28) MELINDA D. DANIELS	40.00	-				7,		101 505		20 72
ASSOCIATE RESEARCH SCIENTI	40.00	┼—		-		Х		121,587.	0.	29,72
(29) CHARLES L. DOW		ł				х		100,772.	0.	24,63
DIRECTOR OF INFORMATION SERVICES, RE			-					100,772.	0.	44,03
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otal to Part VII, Section A, line 1c								344,061.		84,11

		Check if Schedule O cont	ains a response	or note to any lin	e 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
इ इ	1 a	Federated campaigns	1a					
Contributions, Gifts, Grants and Other Similar Amounts		Membership dues						
اَجِيْ	c							
뚩딞	d	Related organizations						
S, (Government grants (contributi		4,828,480.				
P.S.		All other contributions, gifts, gran	· —	, , ,				
the the		similar amounts not included above	·	7,512,626.				
들임	g	Noncash contributions included in lines	1a-1f; \$	4,935,205.				
<u>පි වි</u>	h	Total. Add lines 1a-1f			12 341 106.			
				Business Code				
8	2 a							
و ڲٙ	b							
Program Service Revenue	С							
e a	d		· · · · · · · · · · · · · · · · · · ·					
<u>Б</u> -	е							
죠	f	All other program service reve	nue					
	g	Total. Add lines 2a-2f						
	3	Investment income (including	dividends, intere	est, and				-
		other similar amounts)			618,161.			618,161.
	4	Income from investment of tax	k-exempt bond p	roceeds 🕨				
1	5	Royalties						
1			(i) Real	(ii) Personal				
	6 a	Gross rents						
	b	Less: rental expenses						
	C	Rental income or (loss)						
	d	Net rental income or (loss)		>			· · · · · · · · · · · · · · · · · · ·	<u> </u>
	7 a	Gross amount from sales of	(i) Securities	(ii) Other				
		assets other than inventory	2,258,086,					
	b	Less: cost or other basis						
		and sales expenses						
		Gain or (loss)						
		Net gain or (loss)			-2,242.			-2,242.
e l	8 a	Gross income from fundraising						
		including \$		ĺ		•		
Other Reven		contributions reported on line						
<u>ē</u>		Part IV, line 18						
₹		Less: direct expenses						
-		Net income or (loss) from fund		>	335,680.			335,680.
	9 a	Gross income from gaming ac						
		Part IV, line 19						
		Less: direct expenses						
		Net income or (loss) from gam	-	······· <u> </u>				
	10 a	Gross sales of inventory, less						
		and allowances		1				
İ		Less: cost of goods sold						
}	С	Net income or (loss) from sales						+
ł	44 -	Miscellaneous Revenue	<u> </u>	Business Code	010.000		•	840.005
				900099	249,082.		<u></u>	249,082,
	b				<u>-</u>			
	ç	All other revenue						
	a -	All other revenue Total. Add lines 11a-11d			040 000	· · · · · · · · · · · · · · · · · · ·	 	
		Total revenue. See instructions.			249,082.			1 000 501
	12	Total revenue. See manuchons.			13,541,787.	0.		1 200 681

Form 990 (2017) STROUD WATER RESEARCH CENTER
Part IX Statement of Functional Expenses

	Check if Schedule O contains a respons				
	not include amounts reported on lines 6b, 8b, 9b, and 10b of Part VIII.	(A) Total expenses	(B) Program service expenses	(C) Management and general expenses	(D) Fundraising expenses
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				
4	individuals. See Part IV, lines 15 and 16 Benefits paid to or for members				
4 5	Compensation of current officers, directors,				
9	trustees, and key employees	821,277.	256,438.	399,372.	165,467
6	Compensation not included above, to disqualified	041,4110	230,430.	399,314.	105,407
U	persons (as defined under section 4958(f)(1)) and				
	persons described in section 4958(c)(3)(B)	2,442,126.	1,877,669.	416,761.	147,696
7	Other salaries and wages	2,442,120.	1,011,000.	±10,701.	147,000
8	Pension plan accruals and contributions (include				
-	section 401(k) and 403(b) employer contributions)	382,655.	233,207.	113,975.	35,473
9	Other employee benefits	443,203.	270,107.	132,010.	41,086
10	Payroll taxes	238,255.	145,203.	70,965.	22,087
11	Fees for services (non-employees):		140/2000	10,5051	22,007
	Management				
b	- ·	12,367.	12,367.		
c		36,000.	<u> </u>	36,000.	
	Lobbying	30,000.		30,000.	
e					
f	Investment management fees	· · · · · · · · · · · · · · · · · · ·			
g g					 =
9	column (A) amount, list line 11g expenses on Sch O.)				
12	Advertising and promotion	9,862.	2,512.	7,350.	
13	Office expenses	271,350.	192,340.	69,977.	9,033
14	Information technology	212,0000	23270101		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
15	Royalties				
16	Occupancy				
17	Travel	92,556.	116,259.	-27,959.	4,256
18	Payments of travel or entertainment expenses	,			
	for any federal, state, or local public officials				
19	Conferences, conventions, and meetings	13,674.	13,210.		464
20	Interest	241,946.	=	241,946.	
21	Payments to affiliates				
22	Depreciation, depletion, and amortization	537,072.	153,846.	382,731.	495
23	Insurance	86,041.		86,041.	
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 0.)				
а	CITE TITE DE C	1,650,819.	1,650,819.	_	
b	ATTECTOR OFFICE	1,352,742.	1,291,653.	50,103.	10,986
C	PARTICIPANT SUPPORT	436,126.	436,126.		
d		95,497.	95,093.	404.	
	All other expenses	340,514.	151,185.	170,772.	18,557
25	Total functional expenses. Add lines 1 through 24e	9,504,082.	6,898,034.	2,150,448.	455,600
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 if following SOP 98-2 (ASC 958-720)				

Form 990 (2017)
Part X Balance Sheet

Pa	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		
	1	Cash - non-interest-bearing	2,471,058.	1	1,179,269.		
	2	Savings and temporary cash investments		2			
	3	Pledges and grants receivable, net	1,039,924.	3	3,724,239.		
	4	Accounts receivable, net	1,166,591.	4	1,019,313.		
	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					
ង		employees' beneficiary organizations (see instr). Complete Part II of Sch L		6			
Assets	7	Notes and loans receivable, net		7			
⋖	8	Inventories for sale or use		8			
	9	Prepaid expenses and deferred charges	37,540.	9	15,176.		
	10a	Land, buildings, and equipment: cost or other		-	•		
		basis. Complete Part VI of Schedule D 10a 18,104,000.					
	ь	Less: accumulated depreciation 10b 6,362,153.	11,919,609.	10c	11,741,847.		
	11	Investments - publicly traded securities		11			
	12	Investments - other securities. See Part IV, line 11	20,996,472.	12	26,392,342.		
	13	Investments - program-related. See Part IV, line 11		13			
	14	Intangible assets	0 0 0 0 0 0 0	14	40 404 696		
	15	Other assets. See Part IV, line 11	9,350,159.	15	10,404,656.		
	16	Total assets. Add lines 1 through 15 (must equal line 34)	46,981,353.	16	54,476,842.		
	17	Accounts payable and accrued expenses	507,462.	17	774,986.		
	18	Grants payable		18			
	19	Deferred revenue	E 724 200	19	E 400 COC		
	20	Tax-exempt bond liabilities	5,734,300.	20	5,488,626.		
	21	Escrow or custodial account liability. Complete Part IV of Schedule D		21			
Liabilities	22	key employees, highest compensated employees, and disqualified persons.					
Ε				00			
Lia	23	Complete Part II of Schedule L Secured mortgages and notes payable to unrelated third parties		22 23			
	24	Unsecured notes and loans payable to unrelated third parties		24			
	25	Other liabilities (including federal income tax, payables to related third		24			
		parties, and other liabilities not included on lines 17-24). Complete Part X of					
		Schedule D	2,099,798.	25	2,793,729.		
	26	Total liabilities. Add lines 17 through 25	8,341,560.	26	9,057,341.		
		Organizations that follow SFAS 117 (ASC 958), check here ▶ X and					
တ္က		complete lines 27 through 29, and lines 33 and 34.					
ğ	27	Unrestricted net assets	21,882,813.	27	29,032,979.		
lafa	28	Temporarily restricted net assets	4,424,845.	28	3,013,259.		
뒫	29	Permanently restricted net assets	12,332,135.	29	13,373,263.		
Fur		Organizations that do not follow SFAS 117 (ASC 958), check here					
ō		and complete lines 30 through 34.					
ts e	30	Capital stock or trust principal, or current funds		30			
4ss	31	Paid-in or capital surplus, or land, building, or equipment fund		31			
Net Assets or Fund Balances	32	Retained earnings, endowment, accumulated income, or other funds		32			
Z	33	Total net assets or fund balances	38,639,793.	33	45,419,501.		
		Total liabilities and net assets/fund balances	46,981,353.		54,476,842.		

Pa	rt XI Reconciliation of Net Assets				
	Check if Schedule O contains a response or note to any line in this Part XI	::::::::::::::::::::::::::::::::::::::			X
1	Total revenue (must equal Part VIII, column (A), line 12)	1 .	13,54		
2	Total expenses (must equal Part IX, column (A), line 25)	2	9,50		
3	Revenue less expenses. Subtract line 2 from line 1	3	4,03		
4	Net assets or fund balances at beginning of year (must equal Part X, line 33, column (A))	4	38,63	<u>9,7</u>	<u>93.</u>
5	Net unrealized gains (losses) on investments	5	3,36	<u>8,7</u>	74.
6	Donated services and use of facilities	6	-		
7	Investment expenses	7			
8	Prior period adjustments	8			
9					71.
10	Net assets or fund balances at end of year. Combine lines 3 through 9 (must equal Part X, line 33,				
	column (B))	10 4	45,41	9,5	01.
Pa	rt XII Financial Statements and Reporting				
	Check if Schedule O contains a response or note to any line in this Part XII				<u>x</u>
				Yes	No
1	Accounting method used to prepare the Form 990: Cash X Accrual Other				
	If the organization changed its method of accounting from a prior year or checked "Other," explain in Schedule	0.			
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:				
	Separate basis Consolidated basis 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 separat	e basis,			
	consolidated basis, or both:				
	X Separate basis Consolidated basis 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 th	e audit,			
	review, or compilation of its financial statements and selection of an independent accountant?	•••••	2c	X	<u></u>
	If the organization changed either its oversight process or selection process during the tax year, explain in Scho	edule O.			
3a	As a result of a federal award, was the organization required to undergo an audit or audits as set forth in the Sir	ıgle Audit			
	Act and OMB Circular A-133?		За	X	
b	If "Yes," did the organization undergo the required audit or audits? If the organization did not undergo the requ		.		
	or audits, explain why in Schedule O and describe any steps taken to undergo such audits		3b	X	
			Form	990	(2017)

732012 11-26-17

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.

2017

OMB No. 1545-0047

Open to Public Inspection

Department of the Treasury Internal Revenue Service

Total

► Go to www.irs.gov/Form990 for instructions and the latest information.

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.) A church, convention of churches, or association of churches described in section 170(b)(1)(A)(i), A school described in section 170(b)(1)(A)(ii). (Attach Schedule E (Form 990 or 990-EZ).) 2 3 A hospital or a cooperative hospital service organization described in section 170(b)(1)(A)(iii), A medical research organization operated in conjunction with a hospital described in section 170(b)(1)(A)(iii). Enter the hospital's name, 4 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). (Complete Part II.) A federal, state, or local government or governmental unit described in section 170(b)(1)(A)(v). 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). (Complete Part II.) A community trust described in section 170(b)(1)(A)(vi). (Complete Part II.) 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 (see instructions). Enter the name, city, and state of the college or 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 - subject to certain exceptions, and (2) no more than 33 1/3% of its support from gross investment income and unrelated business taxable income (less section 511 tax) from businesses acquired by the organization after June 30, 1975. See section 509(a)(2). (Complete Part III.) An organization organized and operated exclusively to test for public safety. See section 509(a)(4), An organization organized and operated exclusively for the benefit of, to perform the functions of, or to carry out the purposes of one or 12 more publicly supported organizations described in section 509(a)(1) or section 509(a)(2). See section 509(a)(3). Check the box in lines 12a through 12d that describes the type of supporting organization and complete lines 12e, 12f, and 12g. ☐ Type I. A supporting organization operated, supervised, or controlled by its supported organization(s), typically by giving
 ☐ Type I. A supporting organization operated, supervised, or controlled by its supported organization(s), typically by giving
 ☐ Type I. A supporting organization operated, supervised, or controlled by its supported organization(s), typically by giving
 ☐ Type I. A supporting organization operated, supervised, or controlled by its supported organization(s), typically by giving
 ☐ Type I. A supporting organization operated.
 ☐ Type I. A supporting operated.
 ☐ Type I. A supporting operated.
 ☐ Type the supported organization(s) the power to regularly appoint or elect a majority of the directors or trustees of the supporting organization. You must complete Part IV, Sections A and B. control or management of the supporting organization vested in the same persons that control or manage the supported organization(s). You must complete Part IV, Sections A and C. Type III functionally integrated. A supporting organization operated in connection with, and functionally integrated with, its supported organization(s) (see instructions). You must complete Part IV, Sections A, D, and E. Type III non-functionally integrated. A supporting organization operated in connection with its supported organization(s) that is not functionally integrated. The organization generally must satisfy a distribution requirement and an attentiveness requirement (see instructions). You must complete Part IV, Sections A and D, and Part V. 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). (iv) is the organization listed (i) Name of supported (ii) EIN (iii) Type of organization (v) Amount of monetary (vi) Amount of other In your governing document? (described on lines 1-10 organization support (see instructions) | support (see instructions) above (see instructions))

Schedule A (Form 990 or 990-EZ) 2017 STROUD WATER RESEARCH CENTER 52-2081073 Page 2

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.)

Sec	Section A. Public Support							
Cale	ndar year (or fiscal year beginning in) 🕨	(a) 2013	(b) 2014	(c) 2015	(d) 2016	(e) 2017	(f) Total	
1	Gifts, grants, contributions, and							
	membership fees received. (Do not							
	include any "unusual grants.")	4614497.	7457948.	8117298.	7470064.	12341106.	40000913.	
2	Tax revenues levied for the organ-							
	ization's benefit and either paid to		·					
	or expended on its behalf							
3	The value of services or facilities							
	furnished by a governmental unit to							
	the organization without charge							
4	Total. Add lines 1 through 3	4614497.	7457948.	8117298.	7470064.	12341106.	40000913.	
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)						2897487.	
6	Public support. Subtract line 5 from line 4.						37103426.	
	tion B. Total Support				"			
Cale	ndar year (or fiscal year beginning in) 🖊	(a) 2013	(b) 2014	(c) 2015	(d) 2016	(e) 2017	(f) Total	
7	Amounts from line 4	4614497.	7457948.	8117298.	7470064.	12341106.	40000913.	
8	Gross income from interest,							
	dividends, payments received on							
	securities loans, rents, royalties,					1		
	and income from similar sources	831,269.	1177437.	729,118.	1081823.	618,161.	4437808.	
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.)	105,378.	77,860.	118,093.	100,786.	249,082.	651,199.	
11	Total support. Add lines 7 through 10						45089920.	
	Gross receipts from related activities,	etc. (see instruction	ons)			12		
13	First five years. If the Form 990 is for	the organization's	s first, second, thire	i, fourth, or fifth ta	ax year as a sectio	п 501(c)(3)		
	organization, check this box and stop						>	
Sec	tion C. Computation of Publ	ic Support Pe	rcentage					
14	Public support percentage for 2017 (I	ine 6, column (f) di	ivided by line 11, c	olumn (f))		14	82.29 %	
15	Public support percentage from 2016	Schedule A, Part	II, line 14			15	79.91 %	
16a	6a 33 1/3% support test - 2017. 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							
þ	b 33 1/3% support test - 2016. 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	7a 10% -facts-and-circumstances test - 2017. 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 "fac			•		_		
	meets the "facts-and-circumstances"	test. The organiza	tion qualifies as a p	oublicly supported	d organization		▶□	
b	10% -facts-and-circumstances test	t - 2016. If the org	anization did not c	heck a box on line	13, 16a, 16b, or	17a, and line 15 is	10% or	
	more, and if the organization meets the	ne "facts-and-circu	mstances" test, ch	eck this box and	<mark>stop here</mark> . Explair	n in Part VI how the	-	
	organization meets the "facts-and-circ	cumstances" test.	The organization q	ualifies as a public	cly supported org	anization	▶∐	
18	Private foundation. If the organizatio	n did not check a	box on line 13, 16a	i, 16b, 17a, or 17b	o, check this box a	and see instruction	ıs 🕨 🔲	

Schedule A (Form 990 or 990-EZ) 2017 STROUD WATER RESEARCH CENTER 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	ciow, pioaec com	pioto i dit ii.j				
Calendar year (or fiscal year beginning in)	(a) 2013	(b) 2014	(c) 2015	(d) 2016	(e) 2017	(f) Total
1 Gifts, grants, contributions, and	,,	3-27	1=7	1	,-,	
membership fees received. (Do not						
include any "unusual grants.")]		
2 Gross receipts from admissions,						
merchandise sold or services per-	İ					
formed, or facilities furnished in				i		
any activity that is related to the organization's tax-exempt purpose						
3 Gross receipts from activities that		<u> </u>		1	 	
are not an unrelated trade or bus-						
iness under section 513						
						
4 Tax revenues levied for the organ-				1		
ization's benefit and either paid to						
or expended on its behalf				 		-
5 The value of services or facilities						
furnished by a governmental unit to						
the organization without charge						
6 Total. Add lines 1 through 5						
7a Amounts included on lines 1, 2, and						
3 received from disqualified persons						
b Amounts included on lines 2 and 3 received						ļ
from other than disqualified persons that exceed the greater of \$5,000 or 1% of the						
amount on line 19 for the year						
c Add lines 7a and 7b					<u></u>	
8 Public support. (Subtract fine 7c from line 6.)						
Section B. Total Support						
Calendar year (or fiscal year beginning in) 📂	(a) 2013	(b) 2014	(c) 2015	(d) 2016	(e) 2017	(f) Total
9 Amounts from line 6						
10a Gross income from interest,						
dividends, payments received on securities loans, rents, royalties,		·	1			
and income from similar sources						
ь Unrelated business taxable income						
(less section 511 taxes) from businesses						}
acquired after June 30, 1975						
c Add lines 10a and 10b						
11 Net income from unrelated business		<u> </u>		<u> </u>	<u> </u>	
activities not included in line 10b,						
whether or not the business is						
regularly carried on						
or loss from the sale of capital						
assets (Explain in Part VI.)					1	
13 Total support. (Add lines 9, 10c, 11, and 12.)					<u> </u>	
14 First five years. If the Form 990 is fo	•	, ,	•	•	,,,,	. —
check this box and stop here						>
Section C. Computation of Publ						
15 Public support percentage for 2017 (15	%
16 Public support percentage from 2016					16	%
Section D. Computation of Inve			· · · · · · · · · · · · · · · · · · ·		 	
17 Investment income percentage for 20						%
18 Investment income percentage from						%
19a 33 1/3% support tests - 2017. If the						
more than 33 1/3%, check this box a	-	-	_	· ·		
b 33 1/3% support tests - 2016. If the	-					
line 18 is not more than 33 1/3%, che	eck this box and s	top here. The orga	ınization qualifies a	as a publicly supp	orted organization	
20 Private foundation. If the organization	n did not check a	hox on line 14, 19	a or 19b. check t	his hox and see in	structions	

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.)

Santian	Λ	ΔB	Supporting	Organ	izotiono
Section	۸.	MII	Supporting	Orgai	nzanons

Yes No Are all of the organization's supported organizations listed by name in the organization's governing documents? 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. 1 Did the organization have any supported organization that does not have an IRS determination of status under section 509(a)(1) or (2)? If "Yes," explain in Part VI how the organization determined that the supported organization was described in section 509(a)(1) or (2). 3a Did the organization have a supported organization described in section 501(c)(4), (5), or (6)? If "Yes," answer (b) and (c) below. За 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)? If "Yes," describe in Part VI when and how the organization made the determination. 3b c Did the organization ensure that all support to such organizations was used exclusively for section 170(c)(2)(B) purposes? If "Yes," explain in Part VI what controls the organization put in place to ensure such use. 3c 4a Was any supported organization not organized in the United States ("foreign supported organization")? If "Yes," and if you checked 12a or 12b in Part I, answer (b) and (c) below. 4a b Did the organization have ultimate control and discretion in deciding whether to make grants to the foreign supported organization? 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. 4b 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)? 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. 4c 5a Did the organization add, substitute, or remove any supported organizations during the tax year? 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). 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? 5b c Substitutions only. Was the substitution the result of an event beyond the organization's control? 5с 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? If "Yes," provide detail in 6 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? If "Yes," complete Part I of Schedule L. (Form 990 or 990-EZ). 7 Did the organization make a loan to a disqualified person (as defined in section 4958) not described in line 7? If "Yes," complete Part I of Schedule L (Form 990 or 990-EZ). 8 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))? If "Yes," provide detail in Part VI. 9a 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? If "Yes," provide detail in Part VI. 9b 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? If "Yes," provide detail in Part VI. 9c 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)? If "Yes," answer 10b below. 10a b Did the organization have any excess business holdings in the tax year? (Use Schedule C, Form 4720, to

10b

determine whether the organization had excess business holdings.)

Schedule A (Form 990 or 990 EZ) 2017 STROUD WATER RESEARCH CENTER 52-2081073 Page 6 Type III Non-Functionally Integrated 509(a)(3) Supporting Organizations 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. (B) Current Year Section A - Adjusted Net Income (A) Prior Year (optional) Net short-term capital gain 1 Recoveries of prior-year distributions 2 Other gross income (see instructions) 3 3 Add lines 1 through 3 4 4 5 Depreciation and depletion 5 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) Adjusted Net Income (subtract lines 5, 6, and 7 from line 4) 8 (B) Current Year Section B - Minimum Asset Amount (A) Prior Year (optional) 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): Acquisition indebtedness applicable to non-exempt-use assets 2 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, 5 Net value of non-exempt-use assets (subtract line 4 from line 3) 5 6 Multiply line 5 by .035 6 Recoveries of prior-year distributions 7 Minimum Apost Amount (add line 7 to line 6)

0	William Asset Amount (add line / to line o)	8	
Sec	tion C - Distributable Amount		Current Year
1	Adjusted net income for prior year (from Section A, line 8, Column A)	1	
2	Enter 85% of line 1	2	
3	Minimum asset amount for prior year (from Section B, line 8, Column A)	3	
4	Enter greater of line 2 or line 3	4	
5	Income tax imposed in prior year	5	
6	Distributable Amount. Subtract line 5 from line 4, unless subject to		
	emergency temporary reduction (see instructions)	6	
7	Check here if the current year is the organization's first as a non-function	nally integrated Type III sup	oporting organization (see

Schedule A (Form 990 or 990-EZ) 2017

instructions).

	rt V Type III Non-Functionally Integrated 509			2-20810/3 Page 7
		(a)(s) Supporting Orga	anizations (continuea)	
	ion D - Distributions	Current Year		
	Amounts paid to supported organizations to accomplish exe			
2	Amounts paid to perform activity that directly furthers exemp			
-	organizations, in excess of income from activity Administrative expenses paid to accomplish exempt purpos	as of supported average the	· · · · · · · · · · · · · · · · · · ·	
<u>3</u> 4	Amounts paid to acquire exempt-use assets	es of supported organization	IS	
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 t	he organization is responsive	<u> </u>	
-	(provide details in Part VI). See instructions.	organiantia respondin	•	
9	Distributable amount for 2017 from Section C, line 6			
10	Line 8 amount divided by line 9 amount			
		(i)	(ii)	(iii)
Sect	ion E - Distribution Allocations (see instructions)	Excess Distributions	Underdistributions	Distributable
	· · · · · · · · · · · · · · · · · · ·		Pre-2017	Amount for 2017
1	Distributable amount for 2017 from Section C, line 6			
2	Underdistributions, if any, for years prior to 2017 (reason-			
	able cause required- explain in Part VI). See instructions.			
3	Excess distributions carryover, if any, to 2017			
а				
b	From 2013			
C	From 2014			
	From 2015			
	From 2016			<u> </u>
	Total of lines 3a through e			
	Applied to underdistributions of prior years			<u> </u>
_	Applied to 2017 distributable amount			
<u>. i</u>	Carryover from 2012 not applied (see instructions)			
<u>i_</u>	Remainder. Subtract lines 3g, 3h, and 3i from 3f.			
4	Distributions for 2017 from Section D,			
	line 7: \$			
	Applied to underdistributions of prior years			
	Applied to 2017 distributable amount			<u> </u>
	Remaining underdistributions for years prior to 2017, if			
5	Remaining underdistributions for years prior to 2017, 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 2017. Subtract lines 3h			
J	and 4b from line 1. For result greater than zero, explain in			
	Part VI. See instructions.			
7	Excess distributions carryover to 2018. Add lines 3j			
•	and 4c.			
8	Breakdown of line 7:			
	Excess from 2013		<u></u>	
	Excess from 2014			
	Excess from 2015			
	Excess from 2016			
		· · · · · · · · · · · · · · · · · · ·		

Schedule A (Form 990 or 990-EZ) 2017

Schedule A	(Form 990 or 990-EZ) 2017 STROUD WATER RESEARCH CENTER	52-2081073 Page 8
Part VI	Supplemental Information. Provide the explanations required by Part II, line 10; Part II, line 17a of Part IV, Section A, lines 1, 2, 3b, 3c, 4b, 4c, 5a, 6, 9a, 9b, 9c, 11a, 11b, and 11c; Part IV, Section B, lines line 1; Part IV, Section D, lines 2 and 3; Part IV, Section E, lines 1c, 2a, 2b, 3a, and 3b; Part V, line 1; Part Section D, lines 5, 6, and 8; and Part V, Section E, lines 2, 5, and 6. Also complete this part for any addition (See instructions.)	or 17b; Part III, line 12; 1 and 2; Part IV, Section C, V, Section B, line 1e; Part V,
		
		<u> </u>

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. ► Go to www.irs.gov/Form990 for the latest information.

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

Organization type (check one):								
Filers of:		Section:						
orm 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						
orm 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						
		covered by the General Rule or a Special Rule. 7), (8), or (10) organization can check boxes for both the General Rule and a Special Rule. See instructions.						
General	Rule							
		filing Form 990, 990-EZ, or 990-PF that received, during the year, contributions totaling \$5,000 or more (in money or one contributor. Complete Parts I and II. See instructions for determining a contributor's total contributions.						
Special F	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 \ \bigsim \frac{\pi}{2} \]							
	aution: 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), at 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) (2017)

Name of organization

Employer identification number

STROUD WATER RESEARCH CENTER

52-2081073

Part II	Noncash Property (see instructions). Use duplicate copies of P	art 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
		 \$	
(a) No. from Part I	(b) Description of noncash property given	(c) FMV (or estimate) (See instructions.)	(d) Date received
		\$	
(a) No. from Part I	(b) Description of noncash property given	(c) FMV (or estimate) (See instructions.)	(d) Date received
		\$	
(a) No. from Part I	(b) Description of noncash property given	(c) FMV (or estimate) (See instructions.)	(d) Date received
		\$	
(a) No. from Part I	(b) Description of noncash property given	(c) FMV (or estimate) (See instructions.)	(d) Date received
		\$	
(a) No. from Part I	(b) Description of noncash property given	(c) FMV (or estimate) (See instructions.)	(d) Date received
		 \$	

Name of orga	nization		Employer identification number
STROUD Part III	WATER RESEARCH CENTER Exclusively religious, charitable, etc., contributer. Complete of completing Part III, enter the total of exclusively religious.	ributions to organizations described olumns (a) through (e) and the follows, charitable, etc., contributions of \$1,000 or	in section 501(c)(7), (8), or (10) that total more than \$1,000 for wing line entry. For organizations less for the year, (Fatter this linfo, once.)
(a) No. from Part I	Use duplicate copies of Part III if addition	al space is needed. (c) Use of gift	(d) Description of how gift is held
		(e) Transfer of gif	t
	Transferee's name, address, ar	nd ZIP + 4	Relationship of transferor to transferee
(a) No. from Part l	(b) Purpose of gift	(c) Use of gift	(d) Description of how gift is held
	Transferee's name, address, ar	(e) Transfer of gif	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 gif	t
-	Transferee's name, address, ar	nd 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
	Transferee's name, address, ar	(e) Transfer of gif	Relationship of transferor to transferee

SCHEDULE D

(Form 990)

Department of the Treasury Internal Revenue Service

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.

Go to www.irs.gov/Form990 for instructions and the latest information.

Inspection

OMB No. 1545-0047

Name of the organization

STROUD WATER RESEARCH CENTER

Employer identification number 52-2081073

Pa	rt I Organizations Maintaining Donor Advised		s or Accounts. Complete if the
	organization answered "Yes" on Form 990, Part IV, line	e 6.	
•		(a) Donor advised funds	(b) Funds and other accounts
1	Total number at end of year		
2	Aggregate value of contributions to (during year)		
3	Aggregate value of grants from (during year)		
4	Aggregate value at end of year		
5	Did the organization inform all donors and donor advisors in w	vriting that the assets held in donor advi	sed funds
	are the organization's property, subject to the organization's e	exclusive legal control?	Yes No
6	Did the organization inform all grantees, donors, and donor ad		
	for charitable purposes and not for the benefit of the donor or		
Pai	t II Conservation Easements. Complete if the organic	anization answered "Yes" on Form 990,	Part IV, line 7.
1	Purpose(s) of conservation easements held by the organization	on (check all that apply).	
	Preservation of land for public use (e.g., recreation or ed		torically important land area
	Protection of natural habitat		tified historic structure
	Preservation of open space		
2	Complete lines 2a through 2d if the organization held a qualifi	ed conservation contribution in the form	of a conservation easement on the last
	day of the tax year.		Held at the End of the Tax Year
а	Total number of conservation easements		2a
b	The state of the s		
С	Number of conservation easements on a certified historic stru		
d	Number of conservation easements included in (c) acquired a		
	listed in the National Register		1 I
3	Number of conservation easements modified, transferred, rele		
	year >		5
4	Number of states where property subject to conservation eas	sement is located >	
5	Does the organization have a written policy regarding the peri		
	violations, and enforcement of the conservation easements it	holds?	Yes No
6	Staff and volunteer hours devoted to monitoring, inspecting, I		
	•	, ,	,
7	Amount of expenses incurred in monitoring, inspecting, handle	ling of violations, and enforcing conserv	ation easements during the year
	▶ \$		ů,
8	Does each conservation easement reported on line 2(d) above	e satisfy the requirements of section 170	O(h)(4)(B)(i)
	and section 170(h)(4)(B)(ii)?	·	Yes No
9	In Part XIII, describe how the organization reports conservation	on easements in its revenue and expens	e statement, and balance sheet, and
	include, if applicable, the text of the footnote to the organizati		
	conservation easements.		
Pai	t III Organizations Maintaining Collections of	Art, Historical Treasures, or C	Other Similar Assets.
	Complete if the organization answered "Yes" on Form	990, Part IV, line 8.	
1a	If the organization elected, as permitted under SFAS 116 (AS	C 958), not to report in its revenue state	ment and balance sheet works of art,
	historical treasures, or other similar assets held for public exh	ibition, education, or research in furthers	ance of public service, provide, in Part XIII,
	the text of the footnote to its financial statements that describ		
b	If the organization elected, as permitted under SFAS 116 (AS6	C 958), to report in its revenue statemer	nt and balance sheet works of art, historical
	treasures, or other similar assets held for public exhibition, ed		
	relating to these items:		
	(i) Revenue included on Form 990, Part VIII, line 1		> \$
2	If the organization received or held works of art, historical trea		
	the following amounts required to be reported under SFAS 11		<u> </u>
а	Revenue included on Form 990, Part VIII, line 1		> \$
	Assets included in Form 990, Part X		

		VATER RESE.				or Oth	e Cimil			Page Z
	organizatione mannamy o									
3	Using the organization's acquisition, accession	on, and other record	is, cnec	k any ot the	tollowing tha	atareas	igniticant	use of its	collection	i items
	(check all that apply):	_	. $\overline{}$							
a	Public exhibition	d			hange progr					
b	Scholarly research	е		Other						
c	Preservation for future generations			.						
4	Provide a description of the organization's co							ose in Pa	rt XIII.	
5	During the year, did the organization solicit or								٦	
Day	to be sold to raise funds rather than to be ma								Yes	No_
Га	rt IV Escrow and Custodial Arrang reported an amount on Form 990, Par		ete it the	organizatio	n answered	"Yes" on	Form 99	u, Part IV	, IINO 9, Or	
	Is the organization an agent, trustee, custodia		liany for	contribution	n or other or	note not	included			
ıa			-					_	Yes	□ No
L	on Form 990, Part X?							L	I Yes	L NO
D	ir res, explain the arrangement in Part Allia	and complete trie to	llowing	labie:			I	l	A	
_	Deginning helenes						4-		Amount	
ر انہ	Beginning balance									
u	Additions during the year									
e	Distributions during the year									
f	Ending balance Did the organization include an amount on Fo							<u> </u>	Yes	
	If "Yes," explain the arrangement in Part XIII.							ـــا		L No
Pai										
	Endownioner andor complete in	(a) Current year		rior year	(c) Two yea			years back	(a) Four	woore back
10	Reginning of year balance									years back
	Beginning of year balance Contributions	30,503,872.		,847,621,		1,535.		623,168		657,361.
	Net investment earnings, gains, and losses	2,712,705.		,036,252,				560,818		985,061.
	Grants or scholarships	3,979,998.		,772,497.	-1,05	8,370.	·	979,196	•	681,647.
	Other expenditures for facilities									
U	i	410 577	^	150 400		0 302	0	060 400		E00 000
	and programs Administrative expenses	419,577.		,152,498.	4,24	9,323.	Δ,	069,403	·	700,928,
	End of year balance	26 776 000	20	E02 072	20.04	T C01	20	000 770	20	CDD 100
g	Provide the estimated percentage of the curre			,503,872.		7,621.	34,	093,779	. 30,	623,168,
2	Board designated or quasi-endowment		%	y, column (a	y) Held as.					
	Permanent endowment 36.36	%	70							
	· · · · · · · · · · · · · · · · · · ·	$\frac{1}{3.4}$ %								
G	The percentages on lines 2a, 2b, and 2c shou									
22	Are there endowment funds not in the posses	•	ation the	at are held a	nd administ	arod for t	ho organi	zation		
Оđ	by:	ssion of the organize	auon un	at are riolu a	no agministr	716U 101 U	n e organi	Zalion	Г	Yes No
	(i) unrelated organizations								3a(i)	X
	tree but to the									X
h	if "Yes" on line 3a(ii), are the related organizations	tione lietad ae roquir								
4	Describe in Part XIII the intended uses of the						• • • • • • • • • • • • • • • • • • • •		., 30	,
	t VI Land, Buildings, and Equipm			1011001						
	Complete if the organization answered). Part I\	/. line 11a. S	See Form 990	D. Part X.	line 10.			
	Description of property	(a) Cost or o		(b) Cost			ccumulat	ed	(d) Book	value
	Bosonphon of property	basis (investn		basis			oreciation		(u) Book	· vaido
19	Land		,		7,839.				2.35	7,839.
	Buildings				3,046.	3.4	574,3	70.		3,676.
	Leasehold improvements				-,	<u> </u>			5,,00	-, -, -,
d	Equipment			2.97	7,873.	2.1	504,7	22.	471	3,151.
	Other				5,242.		183,0			2,181.
	. Add lines 1a through 1e. (Column (d) must ed		X. colur							L,847.

Schedule D (Form 990) 2017

Complete if the organization answered "Yes"	on Form 900 Dort IV lies	11h Son Form CON Doct	V line 12	
(a) Description of security or category (including name of security)	(b) Book value			of-year market value
(1) Financial derivatives	(4)	(-)		
(2) Closely-held equity interests				
(3) Other				
(A) MUTUAL FUNDS	18,734,590.	END-OF-YEA	R MARKET	VALUE
(B) INVESTMENT IN LIMITED				
(C) PARTNERSHIP	7,657,752.	END-OF-YEA	R MARKET	VALUE
(D)				
(E)				
(F)				
(G)				
(H)				
Total. (Col. (b) must equal Form 990, Part X, col. (B) line 12.)	26,392,342.	,		
Part VIII Investments - Program Related.				
Complete if the organization answered "Yes"	on Form 990, Part IV, line			
(a) Description of investment	(b) Book value	(c) Method of valuat	ion: 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"		11d. See Form 990, Part	X, line 15.	
	Description	-		(b) Book value
(1) BENEFICIAL INTEREST IN PE	RPETUAL TRUST	1 		10,384,656
(2) CONSTRUCTION IN PROGRESS				20,000
(3)				
(4)				
(5)				
(6)				
(7)				
(8)				
(9)				10 404 656
Total. (Column (b) must equal Form 990, Part X, col. (B) line Part X Other Liabilities.	75.)			10,404,656
	F 000 Dt N/ E	44 445 O E 00/	. D. d V E 05	
Complete if the organization answered "Yes" of a Description of liability	on romi 990, Part IV, line	(b) Book value), Part A, IIII 0 25.	
		(b) Book value		
(1) Federal income taxes (2) PAYROLL TAXES PAYABLE		<i>E</i> 250		
	AT	6,358.		
(3) PENSION BENEFIT OBLIGATION	LN	2,787,371.		
(4)				
(5) (c)				
(6)				
(7)				
(8)				
	251	2 703 720		
Total. (Column (b) must equal Form 990, Part X, col. (B) line	25.)	2,793,729.		

^{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

STROUD WATER RESEARCH CENTER

Schedule D (Form 990) 2017

52-2081073 Page 4

Schedule D (Form 990) 2017 STROUD WATER RESEARCH CENTER Part XIII Supplemental Information (continued)	52-2081073 Page 5
Tark Am Supplemental miormation (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)

Department of the Treasury Internal Revenue Service

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.

OMB No. 1545-0047

➤ Attach to Form 990 or Form 990-EZ. Go to www.irs.gov/Form990 for the latest instructions.

Open to Public Inspection

Name of the organization **Employer identification number** STROUD WATER RESEARCH CENTER 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. e Solicitation of non-government grants Mail solicitations Internet and email solicitations Solicitation of government grants Special fundraising events Phone solicitations In-person solicitations 2 a Did the organization have a written or oral agreement with any individual (including officers, directors, trustees, or ΠNο key employees listed in Form 990, Part VII) or entity in connection with professional fundraising services? b If "Yes," list the 10 highest paid individuals or entities (fundraisers) pursuant to agreements under which the fundraiser is to be compensated at least \$5,000 by the organization. (iii) Did fundraiser have custody or control of contributions? (v) Amount paid (vi) Amount paid to (or retained by) (i) Name and address of individual (iv) Gross receipts to (or retained by) (ii) Activity fundraiser or entity (fundraiser) from activity organization listed in col. (i) Yes No <u>.....</u> 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.

		le G (Form 990 or 990-EZ) 2017 STROUD				2081073 Page 2
PE	art I	Fundraising Events. Complete if the of fundraising event contributions and gr	-		•	
		of rundraising event contributions and gr	(a) Event #1	(b) Event #2	(c) Other events	(d) Total events
					4	(add col. (a) through
			WATER'S EDGE		(total number)	col. (c))
e			(event type)	(event type)	(total number)	
Revenue	1	Gross receipts	250,247.		128,527.	378,774.
	2	Less; Contributions				
	3	Gross income (line 1 minus line 2)	250,247.		128,527.	378,774.
	4	Cash prizes				
s	5	Noncash prizes				
pense	6	Rent/facility costs				
Direct Expenses	7	Food and beverages	43,094.			43,094.
	8	Entertainment				
	9	Other direct expenses				
	10	Direct expense summary. Add lines 4 through			>	43,094.
		Net income summary. Subtract line 10 from l				335,680.
Pa	ırt l		answered "Yes" on Form	i 990, Part IV, line 19, or	reported more than	
	I	\$15,000 on Form 990-EZ, line 6a.		(L.) Dull tobe (instant	· · · · · · · · · · · · · · · · · · ·	/-N T-+- /
Revenue			(a) Bingo	(b) Pull tabs/instant bingo/progressive bingo	(c) Other gaming	(d) Total gaming (add col. (a) through col. (c)
ye.				g	,	
ሗ	1	Gross revenue				
	•	CIOCO TOVO I CONTROLLA DE LA C				
ses	2	Cash prizes				
Expenses	3	Noncash prizes				
Direct B	4	Rent/facility costs				
	5	Other direct expenses				
	6	Volunteer labor	Yes %	Yes% No	Yes %	
	7	Direct expense summary. Add lines 2 through	5 in column (d)		>	
		•	,			
	8	Net gaming income summary. Subtract line 7	from sine 1, column (a)			<u> </u>
9	Fni	ter the state(s) in which the organization condu	ucts garning activities:			
а	ls t	the organization licensed to conduct gaming a No," explain:	ctivities in each of these			Yes No
		ere any of the organization's gaming licenses re Yes," explain:		-	year?	Yes No
_	_	· ·				

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Sch	edule G (Form 990 or 990-EZ) 2017 STROUD WATER RESEARCH CENTER 52-2	081	073	Page 3
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:			
2	The organization's facility	13a		%
k	An outside facility	13b	<u> </u>	%
	Name			
	Address >		. <u></u>	
15a	Does the organization have a contract with a third party from whom the organization receives gaming revenue?	. 🗆	Yes	☐ No
b	olf "Yes," enter the amount of gaming revenue received by the organization > \$ and the amount			
c				
	Name			
	Address >			
16	Gaming manager information:			
	Name			
	Garning manager compensation > \$			
	Description of services provided			
	Director/officer Employee Independent contractor			
17	Mandatory distributions:			
	·			
-			Yes	No
ŀ		. —		•
~	· · · · · · · · · · · · · · · · · · ·			
Pa		nes 9.	9b. 10	b. 15b.
	15c, 16, and 17b, as applicable. Also provide any additional information. See instructions.		ĺ	, , , , , , , , , , , , , , , , , , ,
11 Does the organization conduct gaming activities with nonmembers?				
				······································
	ces the organization conduct gaming activities with nonmembers?			
11 Does the organization conduct gaming activities with nonmembers?				
			_	

Schedule G	(Form 990 or 990-EZ) Supplemental Info	STROUD WAT	ER RESEARCH	CENTER	52-2081073 Page 4
Part IV	Supplemental Info	rmation (continued)			
		 			
			·····	 	
		<u> </u>			
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	· · · · · · · · · · · · · · · · · · ·			- H H H	
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-					
					
	 				
<u></u>					
		-			

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.

► Go to www.irs.gov/Form990 for instructions and the latest information.

OMB No. 1545-0047

Open to Public Inspection

Department of the Treasury Internal Revenue Service Name of the organization

STROUD WATER RESEARCH CENTER

Employer identification number 52-2081073

Pa	art I Questions Regarding Compensation			
			Yes	No
la	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.		1	
	First-class or charter travel Housing allowance or residence for personal use			
	Travel for companions Payments for business use of personal residence			
	Tax indemnification and gross-up payments Health or social club dues or initiation fees			
	Discretionary spending account Personal services (such as, maid, chauffeur, chef)			
			i	
b	If any of the boxes on line 1a are checked, did the organization follow a written policy regarding payment or		i	
	reimbursement or provision of all of the expenses described above? If "No," complete Part III to explain	. 1b		
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?	2		
			i	
3	Indicate which, if any, of the following the filing organization used to establish the compensation of the organization's		ı	
	CEO/Executive Director. Check all that apply. Do not check any boxes for methods used by a related organization to		ı	
	establish compensation of the CEO/Executive Director, but explain in Part III.		'	
	Compensation committee Written employment contract		ı	
	Independent compensation consultant Compensation survey or study		ı	
	Form 990 of other organizations X Approval by the board or compensation committee		ı	
			ı	
4	During the year, did any person listed on Form 990, Part VII, Section A, line 1a, with respect to the filing		ı	
	organization or a related organization:		ı	
а	Receive a severance payment or change-of-control payment?	4a		X
b	Participate in, or receive payment from, a supplemental nonqualified retirement plan?	. 4b		X
С	Participate in, or receive payment from, an equity-based compensation arrangement?	. 4c		X
	If "Yes" to any of lines 4a-c, list the persons and provide the applicable amounts for each item in Part III.		l	
			l	
	Only section 501(c)(3), 501(c)(4), and 501(c)(29) organizations must complete lines 5-9.		l	
5	For persons listed on Form 990, Part VII, Section A, line 1a, did the organization pay or accrue any compensation		l	
	contingent on the revenues of:		l	
а	The organization?	. 5a		X
b	Any related organization?	5b	 	X
	If "Yes" on line 5a or 5b, describe in Part III.		l	
6	For persons listed on Form 990, Part VII, Section A, line 1a, did the organization pay or accrue any compensation		l	
	contingent on the net earnings of:		l	
а	The organization?	6 a		X_
b	Any related organization?	6b		X
	If "Yes" on line 6a or 6b, describe in Part III.		l	
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	. 7		X
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	. 8	<u></u>	X_
9	If "Yes" on line 8, did the organization also follow the rebuttable presumption procedure described in		l	
	Regulations section 53 4958-6(c)?	اما	I	1

LHA For Paperwork Reduction Act Notice, see the Instructions for Form 990.

Schedule J (Form 990) 2017

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.

		(B) Breakdown of	W-2 and/or 1099-MIS	SC compensation	(C) Retirement and other deferred	(D) Nontaxable benefits	(E) Total of columns	(F) Compensation in column (B)	
(A) Name and Title		(i) Base compensation	(ii) Bonus & incentive compensation	(iii) Other reportable compensation	compensation	berients	(B)(i)-(D)	reported as deferred on prior Form 990	
(1) BERNARD W. SWEENEY, PH.D.	(i)	256,274.	0.	0.	29,029.	33,623.	318,926.	0.	
PRESIDENT DIR SR RESEARCH SCIENTIS	(ii)	0.	0.	0.	0.	0.		0.	
(2) DAVID B. ARSCOTT, PH.D.	(i)	149,200.	0.	0.	16,900.	19,575.	185,675.	0.	
VP, ASST DIR, RESEARCH SCIENTIST	(ii)	0.	0.	0.	0.	0.		0.	
(3) JOHN D. PEPE	(i)	121,505.	0.	0.	13,763.	15,941.	151,209.	. 0.	
TREASURER & CONTROLLER	(ii)	0.	0.	0.	0.	0.	0.	0.	
(4) KRISTINE LISI	(i)	132,962.	0.	0.	15,061.	17,444.	165,467.	0.	
DIR OF DEVELOPMENT & OUTRE	(ii)	0.	0.	0.	0.	0.	0.	0.	
(5) JOHN JACKSON	(i)	137,505.	0.	0.	15,576.	18,040.	171,121.	0.	
SENIOR RESEARCH SCIENTIST	(ii)	0.	0.	0.	0.	0.	0.	0.	
(6) MATTHEW EHRHART	(i)	121,702.	0.	0.	13,786.	15,967.	151,455.	0.	
WATERSHED RESTORATION DIRE	(ii)	0.	0.	0.	0.	0.	0.	0.	
(7) MELINDA D. DANIELS	(i)	121,587.	0.	0.	13,773.	15,952.		0.	
	(ii)	0.	0.	0.	0.	0.	0.	0.	
	(i)		-						
	(ii)								
	(i)								
	(ii)								
	(1)								
	(ii)								
	(i)						1		
	(ii)						!		
	(i)								
	(ii)	ì							
	(i)								
	(ii)								
	(i)								
	(ii)								
,	(i) (ii)							-	
	(i)								
	(i)		-						
	UI/				· · · · · · · · · · · · · · · · · · ·		J		

Schedule J (Form 990) 2017	STROUD WATER RESEARCH CENT	ER	52-2081073	Page 3
Part III Supplemental Informat	on			
Provide the information, explanation	n, 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 informati	on.
<u> </u>				
	·			
	· · · · · · · · ·			

SCHEDULE K (Form 990) Department of the Treasury

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. ► Go to www.irs.gov/Form990 for instructions and the latest information.

OMB No. 1545-0047 2017 Open to Public Inspection

Internal Revenue Service Name of the organization **Employer identification number** STROUD WATER RESEARCH CENTER 52-2081073 (F) SEE PART VI FOR COLUMNS (A) AND CONTINUATIONS Part I **Bond Issues** (a) Issuer name (b) Issuer EIN (c) CUSIP# (d) Date issued (f) Description of purpose (g) Defeased (h) On behalf (i) Pooled (e) Issue price of issuer financing Yes No Yes No Yes No CENTRAL AND WESTERN THE CONSTRUCTION 12/23/10 6,500,000.AND EQUIPPING OF A CHESTER COUNTY INDUSTRIA 23-2279439 NONE X X Х Part II Proceeds В С D Amount of bonds retired 2 Amount of bonds legally defeased 6,500,000. 3 Total proceeds of issue _____ Gross proceeds in reserve funds 366,050. 5 Capitalized interest from proceeds 6 Proceeds in refunding escrows 44,375. 7 issuance costs from proceeds Credit enhancement from proceeds 9 Working capital expenditures from proceeds 6,089,575. Capital expenditures from proceeds Other spent proceeds 11 Other unspent proceeds Year of substantial completion Nο Yes No Yes No Yes Nο X Were the bonds issued as part of a current refunding issue? X Were the bonds issued as part of an advance refunding issue? Has the final allocation of proceeds been made? X X 17 Does the organization maintain adequate books and records to support the final allocation of proceeds? Part III Private Business Use В C D Α 1 Was the organization a partner in a partnership, or a member of an LLC, Yes No Yes No Yes No Yes No X which owned property financed by tax-exempt bonds? 2 Are there any lease arrangements that may result in private business use of bond-financed property?

Par	t III Private Business Use (Continued)							r	
			Ą		В	•	Ç		P
3a	Are there any management or service contracts that may result in private	Yes	No	Yes	No	Yes	No	Yes	No
	business use of bond-financed property?		X						
þ	If "Yes" to line 3a, does the organization routinely engage bond counsel or other outside							i	
	counsel to review any management or service contracts relating to the financed property?								
с	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		%		%		%	<u> </u>	%
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		%		%		%	i	%
6	Total of lines 4 and 5		%		%		%		%
7			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				+	i	
b	If "Yes" to line 8a, enter the percentage of bond-financed property sold or disposed		•		•				
	of		%		%		%	i	%
	If "Yes" to line 8a, was any remedial action taken pursuant to Regulations sections								
_	1.141-12 and 1.145-2?							i	
9	Has the organization established written procedures to ensure that all nonqualified								
_	bonds of the issue are remediated in accordance with the requirements under							i	
	Regulations sections 1.141-12 and 1.145-2?		X					i	
Par	t IV Arbitrage			1					
	, ii ,ubidago		Δ		в	(С	F	D
1	Has the issuer filed Form 8038-T, Arbitrage Rebate, Yield Reduction and	Yes	No	Yes	No	Yes	No	Yes	No
•	Penalty in Lieu of Arbitrage Rebate?		X			100	1		
2	If "No" to line 1, did the following apply?				<i>'</i>				
	Rebate not due yet?		X				1		
	Exception to rebate?	X							
	No rebate due?		x						
	If "Yes" to line 2c, provide in Part VI the date the rebate computation was		, 22		'				<u> </u>
								j	
	performed		X						
	Has the organization or the governmental issuer entered into a qualified		22						
42			x					;	
	hedge with respect to the bond issue?				·				1
	Name of provider								
	Term of hedge						1		
	Was the hedge superintegrated?			-			+		
<u> </u>	Was the hedge terminated?			Ļ					<u> </u>

Part IV Arbitrage (Continued)								
	,	Α	E	3		>		0
	Yes	No	Yes	No	Yes	No	Yeş	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			-1				<u> </u>	
Tart Trooduce To ondertake ourcease Adden		Δ	В		С			
	Yes	No	Yes	No	Yes	No	Yes	No
Has the organization established written procedures to ensure that violations of	162	NO	162	NO	165	NU	res	NO
federal tax requirements are timely identified and corrected through the voluntary								
				j				
closing agreement program if self-remediation isn't available under applicable		x						
regulations?	<u> </u>		<u> </u>	<u> </u>			ļ	<u> </u>
Part VI Supplemental Information. Provide additional information for responses to questions	on Schedul	e K. See insti	ructions					<u> </u>
SCHEDULE K, PART I, BOND ISSUES:								
(A) ISSUER NAME: CENTRAL AND WESTERN CHESTER COU	NAA TVI	DUSTRIA	TT AUTHO	OKTIA				
(F) DESCRIPTION OF PURPOSE:								
THE CONSTRUCTION AND EQUIPPING OF A RESEARCH FAC	ILITY							
								<u> </u>
· · · · · · · · · · · · · · · · · · ·								
1.00								
								·

SCHEDULE M (Form 990)

Noncash Contributions

OMB No. 1545-0047

Open To Public Inspection

Department of the Treasury Internal Revenue Service

Name of the organization

Complete if the organizations answered "Yes" on Form 990, Part IV, lines 29 or 30. Attach to Form 990.

Go to www.irs.gov/Form990 for the latest information.

STROUD WATER RESEARCH CENTER

Employer identification number 52-2081073

Pa	rt 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 dete noncash contribut		ts
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	37	1,851,065.	QUOTED MARKE	T PRI	CE
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	77		2 004 140	DI EDGED AMOI	T. T. T. T. T. T. T. T. T. T. T. T. T. T	
25	Other (PLEDGES RECEI)	X	4	3,084,140.	PLEDGED AMOU	NIV.T.	
26	Other ()					· · · · ·	
27	Other ()						
28	Other ()		_ 4 - 4			· · · · · · · · · · · · · · · · · · ·	
29	Number of Forms 8283 received by the organi		•	1 1			
	for which the organization completed Form 82	85, Part IV,	Donee Acknowled	gement 29			
00-	During the year did the ergonization receive h	والدرطانية مماري	on amil nuonautil va	normand in Dant Lilians 1 Abross	ah 00 4hat it	Yes	No
30a	During the year, did the organization receive b	-			-		
	must hold for at least three years from the dat					00-	₩
	exempt purposes for the entire holding period	Υ		***********************************		30a	X
b	If "Yes," describe the arrangement in Part II.	noliau that r	aquirae tha raviess	of any populard against	rtions?		₩
31	Does the organization have a gift acceptance					31	X
32a			•			000	-
	contributions?		• • • • • • • • • • • • • • • • • • • •			32a	X.
	If "Yes," describe in Part II.	rahima (a) (a	u a hima af musu - iii	in for which only (-) in the	أ		
33	If the organization didn't report an amount in o	olumn (c) fo	a type of propert	y for which column (a) is che	CKOQ,		
	describe in Part II.						

LHA For Paperwork Reduction Act Notice, see the Instructions for Form 990. Schedule M (Form 990) 2017

Part II	Supplemental Information. Provide the information required by Part I, lines 30b, 32b, and 33, and whether the organization is reporting in Part I, column (b), the number of contributions, the number of items received, or a combination of both. Also complete this part for any additional information.
<u> </u>	
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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.

Go to www.irs.qov/Form990 for the latest information.

OMB No. 1545-0047 Open to Public Inspection

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			
TS NOT PRESENT.			

Schedule O (Form 990 or 990-EZ) (2017)	Page 2
Name of the organization STROUD WATER RESEARCH CENTER	Employer identification number 52-2081073
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 REC	QUEST.
FORM 990, PART XI, LINE 9, CHANGES IN NET ASSETS:	
PENSION RELATED CHANGES OTHER THAN NET PERIODIC PENSION	
COST	-626,771.
FORM 990, PART XII, LINE 2C:	
THE ORGANIZATION'S BOARD OF DIRECTORS ASSUMES THE RESPONS	SIBILITY OF
OVERSIGHT OF THE AUDIT OF ITS FINANCIAL STATEMENTS AND THE	E SELECTION OF
ITS INDEPENDENT ACCOUNTANTS.	
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