

**UNIVERSITY OF MASSACHUSETTS AMHERST
INTERNAL PROCESSING FORM (IPF) FOR SPONSORED PROJECTS
OFFICE OF GRANT AND CONTRACT ADMINISTRATION**

Tel. 545-0698 Fax 545-1202

Proposal #: OGCA

102-0057
RECEIVED DATE 7/12/01 *by*

(instructions on back of page 2)

PRINCIPAL INVESTIGATOR (PI): David A. Reckhow EMPLOYEE#: 096507709

Department/Unit and Building Dept. of CEE, 18 Marston Hall Tel: 545-5392

Email Address (PI/Contact): reckhow@ecs.umass.edu Sponsor's

Announced Deadline (if any)

PROPOSED SPONSOR: American Water Works Association Research Foundation Postmark Receipt DATE: 7/16/01

And Mailing

Address: Proposals, AWWA Research Foundation

6666 W. Quincy Ave.

..Denver, CO 80235 (number in addition to original) 8 Copies. Sponsor requires original and

1. PROJECT TITLE:

(130 spaces max) Characterization of TOX Produced During Disinfection Processes

2. PROJECT CHARACTERISTICS: a. Research Instruction Other _____ (Check 1 for each line)

b. NEW RENEWAL of account#: _____ REVISED Budget

3. PLEASE ATTACH ABSTRACT OR SUMMARY (OR REFERENCE PAGE IN PROPOSAL):

4. PROPOSED START DATE: 11/1/01 END DATE or DURATION(years/months): 3 yrs

5. DOES THE PROPOSED ACTIVITY INVOLVE: (Must check Yes or No for each. Instructions on back of page 2)

- a. Use of Human Subjects yes no
- b. Use of Vertebrate Animals yes no
- c. Recombinant DNA yes no
- d. Biohazardous Substances yes no
- e. Radioactive Materials yes no
- f. Carcinogenic Substances yes no
- g. Conflict of Interest yes no
- h. UMass Equipment Matching Funds yes no
- i. New Faculty and/or Professional Staff to be hired yes no If yes, number _____
- j. Indirect Cost Variance yes no (If Yes explain in NOTES: page 2)

k. Sponsor provided Guidelines yes no (If Yes, include copy with IPF)

l. Lobbying: Your signature on this form certifies that no funds have been paid or will be paid to any person for influencing or attempting to influence an officer, employee of any agency, a Member of Congress, an officer or employee of Congress, or an employee of a Member of Congress in connection with this proposed Federal Contract, grant, loan, or cooperative agreement. If lobbying is or will be involved, cross out this section, complete and submit Standard For LLL, "Disclosure Form to Report Lobbying".

6. List KEY FACULTY OR PROFESSIONALS, other than the Principal Investigator, who will participate: (Indicate institution if other than UMass Amherst.)

Co-I's are required to sign on page 2. Memorandum of Understanding (MOU) must be completed prior to Award acceptance.)

NAME	UM EMPLOYEE#	NATURE OF PARTICIPATION	DEPT/UNIT

7. UNIVERSITY FACILITIES REQUIRED:

a. Will adequate space be available for the period proposed?

Yes Building: Marcus Room: 5

Approved by: *[Signature]*

No Space required: _____ sq.ft. Source: .. _____

Approved by: _____

b. Will installation, space renovation or building modifications be required? yes no (If yes, complete below)

If yes: Cost Estimate: \$ _____ Account #: _____

Approved by: _____

-----FOR OGCA USE-----

SPECIAL REVIEW BY

REASON

SIGNATURE

PI Name: David A. Reckhow

Proposal #: OGCA 102A 0057

8. SUMMARY OF PROPOSED BUDGET FOR EXPECTED FUNDING PERIOD (usually one year)

(instructions on back of page 1)		\$TOTAL	= \$ SPONSOR	UM Cost Sharing + \$ (or Matching)	IF Cost Sharing ACCOUNT #	IF Cost Sharing Approved by
1005	Unallocated Budget					<i>AR</i>
AA	1010 Salaries-Permanent Employ.	42,392	24,392	18,000	4-16030	
BB	2600 Employee Related Expenses					
	2621 Domestic Travel	1900 3,400	1900 3,400			
	2622 Foreign Travel					
CC	2800 Temporary Employees					
	3010 Student Hourly					
	3120 Research Assistants	86,580	86,580			
DD	3230 Fringe Benefits (Rate 29.9 % of S&W)	7,572	2,190	5,382	4-16030	<i>AR</i>
	3220 Health & Welfare	592	592			
	3280 Medicare (FICA)	386	386			
	Workman's Comp	226	226			
	Grad Student Health	8,705	8,705			
EE	3400 Administrative Expenses	1,750	1,750			
FF	3900 Operational Expenses	20,000 18,500	20,000 18,500			
HH	5700 Consultant Services					
	5800 Subcontracts	137,170 156,000	137,170 156,000			
KK	6300 Equipment					
LL	6600 Equipment Rentals, Maintenance & Repair					
	Other (Specify) tuition waiver	24,130	0	24,130		<i>Jan</i>
	Conference Seminars <i>Curriculum Fee</i>	7079	7079			
TOTAL DIRECT COSTS (TDC)		338,482 350,233	290,970 302,721	<u>47,512</u>		
TOTAL INDIRECT COSTS (IC)		62,869 62,836	58,193 58,160	4,676		
TOTAL COSTS (TC)		401,351 413,069	349,163 360,881	<u>52,188</u>		

Federal: _____ % MTDC = TDC - [Equipment + (SUBCONTRACTS in excess of \$25,000 each subcontract)]
 Non Federal: 20 % MTDC = TDC - Equipment PI Code IC Return 1-02640

9. TOTAL COSTS REQUESTED FROM SPONSOR, BY YEAR:

Year 1. ~~153,959~~ Year 2. ~~151,457~~ Year 3. ~~43,544~~

10. NOTES: 154,329 150,24 44,623 TOTALS 349,163

(*Per signatures not acceptable)

<i>David A. Reckhow</i>	6/7/11 101	x	1 1
Submitted by Principal Investigator		Approved for School/College by Dean (s)	
x	1 1		1 1
Co-Investigator(s)			
x	1 1		1 1
<i>[Signature]</i>	7/11/2011	x <i>Leavis Say</i>	8/12/01
Approved by Department or Unit Head(s)		Fiscal Administrator - OGCA	
x	1 1	x <i>[Signature]</i>	8/15/01
		Director OGCA	

Proposal Cover Worksheet

RFP# 2755

Title: Characterization of TOX Produced During Disinfection Processes

Personnel:

Principal Investigator: David A. Reckhow

Organization: University of Massachusetts

Address: Dept of Civil & Env. Engineering, 18 Marston Hall, Amherst, MA 01003

Phone 413-545-5392 FAX 413-545-2202 E-mail reckhow@ecs.umass.edu

Co-Principal Investigator: Patrick G. Hatcher

Organization: Ohio State University

Address: Department of Chemistry, Columbus, OH 43210-1200

Phone (614) 688-8799 FAX _____ E-mail hatcher@chemistry.ohio-state.edu

Other personnel:

Organization

Address:

Phone _____ FAX _____ E-mail _____

Participating Utilities and Other Organizations

Winnipeg, Manitoba

Tulsa, OK

Massachusetts Water Resources Authority

Project Period November 1, 2001 to October 31, 2004

AWWARF Funds Requested: \$349,163 Must Match Amount Identified on Budget Form

In-Kind Contributions. \$128,068 Must Match Amount Identified on Budget Form

TOTAL PROJECT BUDGET \$477,231 Must Match Amount Identified on Budget Form

Person responsible for contract or administrative matters:

Name: Carol Sprague, Acting Associate Dir.

Address: Office of Grant & Contract Admin., Univ. of Mass., Goodell Bldg.,

Room 408, Amherst, MA 01003

Phone (413)545-0698 FAX (413)545-1202 E-mail sprague@resgs.umass.edu

Please identify where you saw this RFP advertised:

Website