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

INTERNAL PROCESSING FORM (IPF) FOR SPONSORED PROJECTS
OFFICE OF GRANT AND CONTRACT ADMINISTRATION

PrINCIPAL INVESTIGATOR (PI): David A. Reckhow

Department/Unit and Building: Dept. of CEE, 18 Marston Hall

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

PROPOSED SPONSOR: American Water Works Association Research Foundation

And Mailing Address: Proposals, AWWA Research Foundation

6666 W. Quincy Ave.

Denver, CO 80235

1. PROJECT TITLE: Characterization of TOX Produced During Disinfection Processes

2. PROJECT CHARACTERISTICS: a. Research ☑ Instruction ☐ Other ☐

b. NEW ☐ RENEWAL ☑ of account#:____________________________

C. REBIEDED 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-Is are required to sign on page 2. Memorandum of Understanding (MOU) must be completed prior to Award acceptance.)

<table>
<thead>
<tr>
<th>NAME</th>
<th>UM EMPLOYEE#</th>
<th>NATURE OF PARTICIPATION</th>
<th>DEPT/UNIT</th>
</tr>
</thead>
</table>

7. UNIVERSITY FACILITIES REQUIRED:

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

☒ Yes Building: Marcus Room: 5

☐ 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:

SPECIAL REVIEW BY

FOR OGCA USE

REASON

SIGNATURE
### Summary of Proposed Budget for Expected Funding Period

#### Unallocated Budget
- **AA 1010 Salaries-Permanent Employ.**
- **BB 2600 Employee Related Expenses**
- **CC 2800 Temporary Employees**
- **DD 3230 Fringe Benefits**
- **EE 3400 Administrative Expenses**
- **FF 3900 Operational Expenses**
- **GG 5800 Subcontracts**
- **HH 6300 Equipment**
- **LL 6600 Equipment Rentals, Maintenance & Repair**
- **MM 3400 Administrative Expenses**
- **PP 3900 Operational Expenses**

#### Budget Details

<table>
<thead>
<tr>
<th>Category</th>
<th>UM Cost Sharing</th>
<th>IF Cost Sharing</th>
<th>IF Cost Sharing</th>
<th>Approved by</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>$TOTAL</td>
<td>$SPONSOR</td>
<td>$ (or Matching)</td>
<td>ACCOUNT #</td>
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<tr>
<td><strong>Salaries-Permanent Employ.</strong></td>
<td>42,392</td>
<td>24,392</td>
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<td>18,000</td>
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<td><strong>Employee Related Expenses</strong></td>
<td>9,000</td>
<td>3,400</td>
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<td>4-16030</td>
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<td><strong>Domestic Travel</strong></td>
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<tr>
<td><strong>Foreign Travel</strong></td>
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<tr>
<td><strong>Research Assistants</strong></td>
<td>86,580</td>
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<td><strong>Fringe Benefits</strong></td>
<td>7,572</td>
<td>2,190</td>
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<td>5,382</td>
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<td><strong>Health &amp; Welfare</strong></td>
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<td><strong>Medicare (FICA)</strong></td>
<td>386</td>
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<tr>
<td><strong>Workman's Comp</strong></td>
<td>226</td>
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<td><strong>Grad Student Health</strong></td>
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<tr>
<td><strong>Administrative Expenses</strong></td>
<td>1,750</td>
<td>1,750</td>
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<td><strong>Subcontracts</strong></td>
<td>137,170</td>
<td>156,000</td>
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</tbody>
</table>

### Summary of Budget

- **Total Direct Costs (TDC):** $47,512
- **Total Indirect Costs (IC):** $52,188
- **Total Costs (TC):** $99,690

### Notes
- Year 1: $150,329
- Year 2: $150,211
- Year 3: $44,623
- **Total: $349,163**

*Per signatures not acceptable*
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. $128,968 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