

## Puget Sound Clean Air Agency Subaward Agreement Amendment

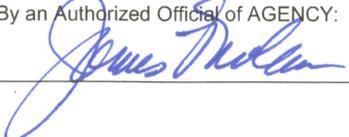
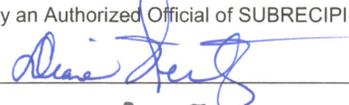
Institution/Organization ("AGENCY") Name: Puget Sound Clean Air Agency Address: 1904 3 <sup>rd</sup> Avenue, Suite 105 Seattle, WA 98101	Institution/Organization ("SUBRECIPIENT") Name: University of Washington Address: 4333 Brooklyn Avenue NE Seattle, WA 98195-9472  EIN No.: 91-6001537		
Prime Award No. XA-96069801-0	Subaward No. U of Washington 21 Sept 08		
Awarding Agency Environment Protection Agency	CFDA No. 66.034		
Subaward Period of Performance 21 Sept 2008 to 31 July 2010	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">                             Amount Funded this Action                              \$52,505                         </td> <td style="width: 50%;">                             Est. Total (if incrementally funded)                         </td> </tr> </table>	Amount Funded this Action \$52,505	Est. Total (if incrementally funded)
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Project Title  
**Seasonal and Spatial Characterization of Tacoma and Seattle Air Toxics**

Reporting Requirements [Check here if applicable:  See Attachment 4]

### Terms and Conditions

- 1) Agency hereby awards a cost reimbursable subaward, as described above, to Subrecipient. The statement of work and budget for this subaward are as specified in Sub recipient's proposal dated March 8, 2010 enclosed herein as Attachment 5. In its performance of subaward work, Subrecipient shall be an independent entity and not an employee or agent of Agency.
- 2) Agency shall reimburse Subrecipient not more often than monthly for allowable costs. All invoices shall be submitted using Agency's Form GV – Grant Invoice Voucher and Form VS – Voucher Support for Project with Cash Expenditures, enclosed herein as Attachment 6. Invoices and questions concerning invoice receipt or payments should be directed to the appropriate party's Financial Contact, as shown in Attachment 3.
- 3) A final statement of cumulative costs incurred, including cost sharing, marked "FINAL," must be submitted to Agency's Financial Contact NOT LATER THAN forty five (45) days after subaward end date. The final statement of costs shall constitute Subrecipient's final financial report.
- 4) All payments shall be considered provisional and subject to adjustment within the total estimated cost in the event such adjustment is necessary as a result of an adverse audit finding against the Subrecipient.
- 5) Matters concerning the technical performance of this subaward should be directed to the appropriate party's Project Director, as shown in Attachment 3. Technical reports are required as shown above, "Reporting Requirements."
- 6) Matters concerning the request or negotiation of any changes in the terms, conditions, or amounts cited in this subaward agreement, and any changes requiring prior approval, should be directed to the appropriate party's Administrative Contact, as shown in Attachment 3. Any such changes made to this subaward agreement require the written approval of each party's Authorized Official, as shown in Attachment 3.
- 7) Each party shall be responsible for its negligent acts or omissions and the negligent acts or omissions of its employees, officers, or directors, to the extent allowed by law.
- 8) Either party may terminate this agreement with thirty days written notice to the appropriate party's Administrative Contact, as shown in Attachment 3. Agency shall pay Subrecipient for termination costs as allowable under OMB Circular A-21or A-122, as applicable.
- 9) No-cost extensions require the approval of the Agency. Any requests for a no-cost extension should be addressed to and received by the Administrative Contact, as shown in Attachment 3, not less than thirty days prior to the desired effective date of the requested change.
- 10) The Subaward is subject to the terms and conditions of the Prime Award and other special terms and conditions, as identified in Attachment 2.
- 11) By signing below Subrecipient makes the certifications and assurances shown in Attachments 1 and 2. Subrecipient also assures that it will comply with applicable statutory and regulatory requirements, including but is not limited to 40CFR Part 30.

By an Authorized Official of AGENCY:  _____ Date: 5/14/10	By an Authorized Official of SUBRECIPIENT:  _____ Date: 5/12/2010 <p style="text-align: center;"><b>Lynne Chronister</b> Executive Director Office of Sponsored Programs</p>
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Diane Wentz  
 Grant & Contract Administrator  
 Acting for Lynne Chronister

**Attachment 1  
Puget Sound Clean Air Agency  
Subaward Agreement**

By signing the Subaward Agreement, the authorized official of SUBRECIPIENT certifies, to the best of his/her knowledge and belief, that:

**Certification Regarding Lobbying**

1) No Federal appropriated funds have been paid or will be paid, by or on behalf of the Subrecipient, to any person for influencing or attempting to influence an officer or 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 the awarding of any Federal contract, the making of any Federal grant, the making of any Federal loan, the entering into of any cooperative agreement, and the extension, continuation, renewal, amendment, or modification of any Federal contract, grant, loan, or cooperative agreement.

2) If any funds other than Federal appropriated funds have been paid or will be paid to any person for influencing or intending to influence an officer or 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 Federal contract, grant, loan, or cooperative agreement, the Subrecipient shall complete and submit Standard Form -LLL, "Disclosure Form to Report Lobbying," to the Agency.

3) The Subrecipient shall require that the language of this certification be included in the award documents for all subawards at all tiers (including subcontracts, subgrants, and contracts under grants, loans, and cooperative agreements) and that all subrecipients shall certify and disclose accordingly.

This certification is a material representation of fact upon which reliance was placed when this transaction was made or entered into. Submission of this certification is a prerequisite for making or entering into this transaction imposed by section 1352, title 31, U. S. Code. Any person who fails to file the required certification shall be subject to a civil penalty of not less that \$10,000 and not more that \$100,000 for each such failure.

**Debarment, Suspension, and Other Responsibility Matters**

Subrecipient certifies by signing this Subaward Agreement that neither it nor its principals are presently debarred, suspended, proposed for debarment, declared ineligible or voluntarily excluded from participation in this transaction by any federal department or agency.

**OMB Circular A-133 Assurance**

Subrecipient assures Agency that it complies with A-133 and that it will notify Agency of completion of required audits and of any adverse findings which impact this subaward.

**Attachment 2  
Puget Sound Clean Air Agency  
Subaward Agreement**

[PRIME AWARD AGREEMENT AND ADMINISTRATIVE CONDITIONS]

<b>Attachment 3 Puget Sound Clean Air Agency Subaward Agreement</b>	
<b>Agency Contacts</b>	<b>Subrecipient Contacts</b>
<b>Administrative Contact</b>  Name:  Address:  Telephone: Fax: Email:	<b>Administrative Contact</b>  Name: Lynne Chronister University of Washington Address: 4333 Brooklyn Ave NE Box 359472 Seattle, WA 98192-9472 Telephone: (206) 543-4043 Fax: (206) 685-1732 Email: osp@u.washington.edu
<b>Principal Investigator</b>  Name: Mike Gilroy Address: 1904 3 <sup>rd</sup> Avenue, Suite 105 Seattle, WA 98101  Telephone: (206) 689-4001 Fax: (206) Email: <a href="mailto:Mikeg@psccleanair.org">Mikeg@psccleanair.org</a>	<b>Project Director</b>  Name: Mike Yost Address: Box 357234 Seattle, WA 98195  Telephone: (206) 685-7243 Fax: (206) 685-3250 Email: airion@u.washington.edu
<b>Financial Contact</b>  Name: Karen Houser  Address: 1904 3 <sup>rd</sup> Avenue Suite 105 Seattle WA 98101  Telephone: 2066894036 Fax: Email: <a href="mailto:karenh@psccleanair.org">karenh@psccleanair.org</a>	<b>Financial Contact</b>  Name: Kirsten DeFries Director of Campus Services Address: Grant & Contract Accounting University of Washington 3917 University Way N.S., Room 150 Seattle, WA 98195 Telephone: (206) 543-2597 Fax: (206) 543-0764 Email: gcaques@u.washington.edu
<b>Authorized Official</b>  Name:  Address:  Telephone: Fax: Email:	<b>Authorized Official</b>  Name: Lynne Chronister Asst. Vice Provost for Research Address: University of Washington 4333 Brooklyn Ave NE Box 359472 Seattle, WA 98192-9472 Telephone: (206) 543-4043 Fax: (206) 685-1732 Email: osp@u.washington.edu

Reference #: A56431

Clean Air Agency Contract No.: 201000043#1

**Attachment 4  
Puget Sound Clean Air Agency  
Subaward Agreement  
Reporting Requirements**

**Attachment 5  
Puget Sound Clean Air Agency  
Subaward Agreement  
University of Washington Proposal**

**March 8, 2010**

**Seasonal and Spatial Characterization of Tacoma and Seattle Area Air Toxics**  
Puget Sound Clean Air Agency/EPA (Community-Scale Monitoring)

**Supplement Request**

Statement of Work/Budget Justification

Several unexpected expenses that occurred during the field sampling portion of the study have resulted in our subcontract budget being nearly exhausted. Primarily, these expenses fall into two categories: (1) higher than anticipated travel expenses for the mobile monitoring done during the study; (2) higher equipment and weather-related rental expenses for the intensive MIMS monitoring campaigns conducted in Jan 2009 and July of 2009. Mobile monitoring expenses were higher because we conducted almost double the number of mobile monitoring data collection days in Tacoma during the winter and summer of 2009. This was mainly because of extended stagnant weather periods that made this data collection possible and desirable and resulted in about ~\$4k of extra travel expenses and \$3k in additional personnel time. In addition, equipment rental expenses during the intensive MIMS monitoring campaigns was ~\$3.2k higher than expected, because we needed to rent larger generators and air conditioners to operate the MIMS instrument during the warm summer months. In total, about \$11k in expenses above the original budget line items were incurred.

To partially compensate for the expenses we dropped support for a student, Ms. Ji Hyun Park, who was paid on the project up until Sept 2009. We propose to use the supplemental funds to both restore Ms. Park's support on the project, and to expedite the initial laboratory analysis of LG and its final data reduction and post analysis. To ensure timely completion of these essential tasks we must restore resources to complete the lab analysis of LG samples and propose to pay for staff working in Dr. Simpson's lab. Bringing Ms Park back onto the project will help speed up the spatial analysis of the mobile monitoring data, and provide for additional analysis of the MIMS data, such as mapping and comparison of MIMS results to NATTS data, was omitted in the original proposal.

We are requesting an amendment to our sub recipient grant agreement increasing funds by \$52,505 total cost. These funds will allow for completion of all expected tasks and our contribution to the overall project.

Budget Detail

<b>Personnel:</b>	
Salary	\$26,961
Fringe	\$6,953
<b>Total Personal</b> .....	<b>\$33,915</b>
<b>Supplies:</b>	
Lab supplies (glassware, reagents)	480
<b>Total Supplies</b> .....	<b>\$480</b>
<b>Other Expenses:</b>	
Lab analysis fees	4,000
Tuition (1 quarter)	3,609
<b>Total Other Expenses</b> .....	<b>\$7,609</b>
<b>Total Direct Cost</b> .....	<b>\$42,004</b>
<b>Indirect cost (25%)</b> .....	<b>\$10,501</b>
<b>Total Costs</b> .....	<b>\$52,505</b>

FRINGE BENEFITS

Reference #: A56431

**Clean Air Agency Contract No.: 201000043#1**

University of Washington standard fringe benefit rates were applied which are 23.6% for faculty, 29.3% for professional staff, and 12.9% for graduate students.

**INDIRECT COSTS**

Indirect costs are budgeted at 25% of total direct cost due to an agreement the Department of Environmental & Occupational Health Sciences has with Puget Sound Clean Air Agency.

Reference #: A56431

Clean Air Agency Contract No.: 201000043#1

**Attachment 6  
Puget Sound Clean Air Agency  
Subaward Agreement  
Billing Forms**

Form GV - Grant Invoice Voucher

Form VS – Voucher Supports for Projects with Cash Expenditures

Puget Sound Clean Air Agency  
110 Union Street, Suite 500  
Seattle, WA 98101

**Certification Regarding  
Debarment, Suspension and Other Responsibility Matters**

The prospective participant certifies to the best of its knowledge and belief that it and its principals:

- (a) Are not presently debarred, suspended, proposed for debarment, declared ineligible, or voluntarily excluded from covered transactions by any Federal department or agency;
- (b) Have not within a three-year period preceding this proposal been convicted of or had a civil judgement rendered against them for commission of fraud or a criminal offense in connection with obtaining, attempting to obtain, or performing a public (Federal, State, or local) transaction or contract under a public transaction; violation of Federal or State antitrust statutes or commission of embezzlement, theft, forgery, bribery, falsification or destruction of records, making false statements, or receiving stolen property;
- (c) Are not presently indicted for or otherwise criminally or civilly charged by a government entity (Federal, State, or local) with commission of any of the offenses enumerated in paragraph (1)(b) of this certification; and
- (d) Have not within a three-year period preceding this application/proposal had one or more public transactions (Federal, State, or local) terminated for cause or default.

I understand that a false statement on this certification may be grounds for rejection of this proposal or termination of the award. In addition, under 18 USC Sec. 1001, a false statement may result in a fine of up to \$10,000 or imprisonment for up to 5 years, or both.

**Lynne Chronister  
Executive Director  
Office of Sponsored Programs**

\_\_\_\_\_  
Typed Name & Title of Authorized Representative

\_\_\_\_\_  
Signature of Authorized Representative

**Diane Wentz  
Grant & Contract Administrator  
Acting for Lynne Chronister**

\_\_\_\_\_  
Date

5/6/2010

I am unable to certify to the above statements. My explanation is attached