

## Appendix A

# Federal Register Notice Soliciting Comments on Information Collection Requests



requirements which have subsequently changed; train personnel to be able to respond to a collection of information; search data sources; complete and review the collection of information; and transmit or otherwise disclose the information.

The ICR provides a detailed explanation of the Agency's estimate, which is only briefly summarized here:

*Estimated total number of potential respondents:* 161,274.

*Frequency of response:* Varies by requirement (i.e., on occasion, monthly, quarterly, semi-annually, and annually).

*Estimated total average number of responses for each respondent:* 72.

*Estimated total annual burden hours:* 9,151,424 hours.

*Estimated total annual costs:* \$118,653,327. This includes an estimated burden cost of \$14,698,327 and an estimated cost of \$22,793,000 for capital investment and \$81,162,000 for maintenance and operational costs.

#### Are There Changes in the Estimates From the Last Approval?

There is an increase of 526,559 hours in the total estimated respondent burden compared with that identified in the ICR currently approved by OMB. This increase is primarily due to restructuring adjustments (i.e., incorporation of the approved burden hours from the previously stand-alone ICRs for the Long Term 2 Enhanced Surface Water Treatment Rule, and Ground Water Rule

#### What Is the Next Step in the Process for This ICR?

EPA will consider the comments received and amend the ICR as appropriate. The final ICR package will then be submitted to OMB for review and approval pursuant to 5 CFR 1320.12. At that time, EPA will issue another **Federal Register** notice pursuant to 5 CFR 1320.5(a)(1)(iv) to announce the submission of the ICR to OMB and the opportunity to submit additional comments to OMB. If you have any questions about this ICR or the approval process, please contact the technical person listed under **FOR FURTHER INFORMATION CONTACT**.

Dated: June 2, 2008.

**Cynthia C. Dougherty,**

*Director, Office of Ground Water and Drinking Water.*

[FR Doc. E8-12708 Filed 6-5-08; 8:45 am]

**BILLING CODE 6560-50-P**

## ENVIRONMENTAL PROTECTION AGENCY

[EPA-HQ-OW-2008-0437; FRL-8576-8]

### Agency Information Collection Activities; Proposed Collection; Comment Request; Public Water System Supervision Program (Renewal); EPA ICR No. 0270.43, OMB Control No. 2040-0090

**AGENCY:** Environmental Protection Agency.

**ACTION:** Notice.

**SUMMARY:** In compliance with the Paperwork Reduction Act (PRA) (44 U.S.C. 3501 *et seq.*), this document announces that EPA is planning to submit a request to renew an existing approved Information Collection Request (ICR) to the Office of Management and Budget (OMB). This ICR is scheduled to expire on September 30, 2008. Before submitting the ICR to OMB for review and approval, EPA is soliciting comments on specific aspects of the proposed information collection as described below.

**DATES:** Comments must be submitted on or before August 5, 2008.

**ADDRESSES:** Submit your comments, identified by Docket ID No. EPA-HQ-OW-2008-0437, by one of the following methods:

- *http://www.regulations.gov* (our preferred method): Follow the on-line instructions for submitting comments.
- *E-mail:* OW-Docket@epa.gov.
- *Mail:* U.S. Environmental

Protection Agency, EPA Docket Center (EPA/DC), Water Docket, MC: 2822T, 1200 Pennsylvania Ave., NW., Washington, DC 20460.

- *Hand Delivery:* EPA Docket Center, Public Reading Room, EPA Headquarters West Building, Room 3334, 1301 Constitution Ave., NW., Washington, DC. Such deliveries are only accepted during the Docket's normal hours of operation, and special arrangements should be made for deliveries of boxed information.

**Instructions:** Direct your comments to Docket ID No. EPA-HQ-OW-2008-0437. EPA's policy is that all comments received will be included in the public docket without change and may be made available online at *http://www.regulations.gov*, including any personal information provided, unless the comment includes information claimed to be Confidential Business Information (CBI) or other information whose disclosure is restricted by statute. Do not submit information that you consider to be CBI or otherwise protected through *http://*

*www.regulations.gov* or e-mail. The *http://www.regulations.gov* Web site is an "anonymous access" system, which means EPA will not know your identity or contact information unless you provide it in the body of your comment. If you send an e-mail comment directly to EPA without going through *http://www.regulations.gov* your e-mail address will be automatically captured and included as part of the comment that is placed in the public docket and made available on the Internet. If you submit an electronic comment, EPA recommends that you include your name and other contact information in the body of your comment and with any disk or CD-ROM you submit. If EPA cannot read your comment due to technical difficulties and cannot contact you for clarification, EPA may not be able to consider your comment. Electronic files should avoid the use of special characters, any form of encryption, and be free of any defects or viruses. For additional information about EPA's public docket visit the EPA Docket Center homepage at *http://www.epa.gov/epahome/dockets.htm*.

#### FOR FURTHER INFORMATION CONTACT:

Richard Naylor, Drinking Water Protection Division, Office of Ground Water and Drinking Water, (MC: 4606M), Environmental Protection Agency, 1200 Pennsylvania Ave., NW., Washington, DC 20460; telephone number: 202-564-3847; fax number: 202-564-3755; e-mail address: *naylor.richard@epa.gov*.

#### SUPPLEMENTARY INFORMATION:

#### How Can I Access the Docket and/or Submit Comments?

EPA has established a public docket for this ICR under Docket ID No. EPA-HQ-OW-2008-0437, which is available for online viewing at *http://www.regulations.gov*, or in person viewing at the Water Docket in the EPA Docket Center (EPA/DC), EPA West, Room 3334, 1301 Constitution Ave., NW., Washington, DC. The EPA/DC Public Reading Room is open from 8:30 a.m. to 4:30 p.m., Monday through Friday, excluding legal holidays. The telephone number for the Reading Room is 202-566-1744, and the telephone number for the Water Docket is 202-566-2426.

Use *http://www.regulations.gov* to obtain a copy of the draft collection of information, submit or view public comments, access the index listing of the contents of the docket, and to access those documents in the public docket that are available electronically. Once in the system, select "search," then key in

the docket ID number identified in this document.

### What Information Is EPA Particularly Interested in?

Pursuant to section 3506(c)(2)(A) of the PRA, EPA specifically solicits comments and information to enable it to:

- (i) Evaluate whether the proposed collection of information is necessary for the proper performance of the functions of the Agency, including whether the information will have practical utility;
- (ii) evaluate the accuracy of the Agency's estimate of the burden of the proposed collection of information, including the validity of the methodology and assumptions used;
- (iii) enhance the quality, utility, and clarity of the information to be collected; and
- (iv) minimize the burden of the collection of information on those who are to respond, including through the use of appropriate automated electronic, mechanical, or other technological collection techniques or other forms of information technology, e.g., permitting electronic submission of responses. In particular, EPA is requesting comments from very small businesses (those that employ less than 25) on examples of specific additional efforts that EPA could make to reduce the paperwork burden for very small businesses affected by this collection.

### What Should I Consider When I Prepare My Comments for EPA?

You may find the following suggestions helpful for preparing your comments:

1. Explain your views as clearly as possible and provide specific examples.
2. Describe any assumptions that you used.
3. Provide copies of any technical information and/or data you used that support your views.
4. If you estimate potential burden or costs, explain how you arrived at the estimate that you provide.
5. Offer alternative ways to improve the collection activity.
6. Make sure to submit your comments by the deadline identified under **DATES**.
7. To ensure proper receipt by EPA, be sure to identify the docket ID number assigned to this action in the subject line on the first page of your response. You may also provide the name, date, and **Federal Register** citation.

### What Information Collection Activity or ICR Does This Apply To?

*Affected entities:* New and existing public water systems (PWS), primacy agencies, and EPA.

*Title:* Public Water System Supervision Program (Renewal).

*ICR numbers:* EPA ICR No. 0270.43, OMB Control No. 2040-0090.

*ICR status:* This ICR is currently scheduled to expire on September 30, 2008. An Agency may not conduct or sponsor, and a person is not required to respond to, a collection of information, unless it displays a currently valid OMB control number. The OMB control numbers for EPA's regulations in title 40 of the CFR, after appearing in the **Federal Register** when approved, are listed in 40 CFR part 9, are displayed either by publication in the **Federal Register** or by other appropriate means, such as on the related collection instrument or form, if applicable. The display of OMB control numbers in certain EPA regulations is consolidated in 40 CFR part 9.

*Abstract:* The Public Water System Supervision (PWSS) Program Renewal ICR examines public water system, primacy agency, EPA and tribal operator certification provider burden and costs for "cross-cutting" recordkeeping and reporting requirements (i.e., the burden and costs for complying with drinking water information requirements that are not associated with contaminant-specific rulemakings). These activities which have recordkeeping and reporting requirements that are mandatory for compliance with 40 CFR parts 141 and 142 include the following: Consumer Confidence Reports (CCRs), Primacy Regulation Activities, Variance and Exemption Rule (V/E Rule), General State Primacy Activities, Public Notification (PN) and Proficiency Testing Studies for Drinking Water Laboratories. The information collection activities for both the Operator Certification/Expense Reimbursement Program and the Capacity Development Program are driven by the grant withholding and reporting provisions under sections 1419 and 1420, respectively, of the Safe Drinking Water Act. Although the Tribal Operator Certification Program is voluntary, the information collection is driven by grant eligibility requirements outlined in the Drinking Water Infrastructure Grant Tribal Set-Aside Program Final Guidelines and the Tribal Drinking Water Operator Certification Program Guidelines.

*Burden Statement:* The annual public reporting and recordkeeping burden for this collection of information is

estimated to average 6.5 hours per response. Burden means the total time, effort, or financial resources expended by persons to generate, maintain, retain, or disclose or provide information to or for a Federal agency. This includes the time needed to review instructions; develop, acquire, install, and utilize technology and systems for the purposes of collecting, validating, and verifying information, processing and maintaining information, and disclosing and providing information; adjust the existing ways to comply with any previously applicable instructions and requirements which have subsequently changed; train personnel to be able to respond to a collection of information; search data sources; complete and review the collection of information; and transmit or otherwise disclose the information.

The ICR provides a detailed explanation of the Agency's estimate, which is only briefly summarized here:

*Estimated total number of potential respondents:* 161,682.

*Frequency of response:* Varies by requirement (i.e., on occasion, monthly, quarterly, semi-annually, and annually).

*Estimated total average number of responses for each respondent:* 3.1.

*Estimated total annual burden hours:* 3,249,695 hours.

*Estimated total annual costs:* \$119,174,000. This includes an estimated burden cost of \$97,636,000 and an estimated cost of \$21,538,000 for capital investment or maintenance and operational costs.

### Are There Changes in the Estimates From the Last Approval?

There is an increase of about 23,668 hours in the total estimated respondent burden compared with that identified in the ICR currently approved by OMB. This increase is due to restructuring adjustments (i.e., incorporation of the approved burden hours from the previously stand-alone ICR for the Proficiency Testing Studies for Drinking Water Laboratories).

### What Is the Next Step in the Process for This ICR?

EPA will consider the comments received and amend the ICR as appropriate. The final ICR package will then be submitted to OMB for review and approval pursuant to 5 CFR 1320.12. At that time, EPA will issue another **Federal Register** notice pursuant to 5 CFR 1320.5(a)(1)(iv) to announce the submission of the ICR to OMB and the opportunity to submit additional comments to OMB. If you have any questions about this ICR or the approval process, please contact the

technical person listed under **FOR FURTHER INFORMATION CONTACT.**

Dated: June 2, 2008.

**Cynthia C. Dougherty,**

*Director, Office of Ground Water and Drinking Water.*

[FR Doc. E8-12709 Filed 6-5-08; 8:45 am]

**BILLING CODE 6560-50-P**

**ENVIRONMENTAL PROTECTION AGENCY**

[EPA-HQ-OAR-2008-0145; FRL-8576-9]

**Agency Information Collection Activities; Submission to OMB for Review and Approval; Comment Request; National-Scale Activity Survey (N-SAS); EPA ICR No. 2293.01, OMB Control No. 2060-NEW**

**AGENCY:** Environmental Protection Agency.

**ACTION:** Notice.

**SUMMARY:** In compliance with the Paperwork Reduction Act (PRA) (44 U.S.C. 3501 *et seq.*), this document announces that an Information Collection Request (ICR) has been forwarded to the Office of Management and Budget (OMB) for review and approval. This is a request for a new collection. The ICR, which is abstracted below, describes the nature of the information collection and its estimated burden and cost.

**DATES:** Additional comments may be submitted on or before July 7, 2008.

**ADDRESSES:** Submit your comments, referencing Docket ID No. EPA-HQ-OAR-2008-0145, to (1) EPA online using [www.regulations.gov](http://www.regulations.gov) (our preferred method), by e-mail to [a-and-r-Docket@epa.gov](mailto:a-and-r-Docket@epa.gov), or by mail to: EPA Docket Center, Environmental Protection Agency, Air and Radiation Docket and Information Center, 1200 Pennsylvania Ave., NW., Washington, DC 20460, and (2) OMB by mail to: Office of Information and Regulatory Affairs, Office of Management and Budget, Attention: Desk Officer for EPA, 725 17th Street, NW., Washington, DC 20503.

**FOR FURTHER INFORMATION CONTACT:** Zachary Pekar, Health and Environmental Impacts Division, Office of Air Quality Planning and Standards, U.S. Environmental Protection Agency, Mail Code C504-06, Research Triangle Park, NC 27711; telephone: 919-541-3704; fax: 919-541-0237; e-mail: [pekar.zachary@epa.gov](mailto:pekar.zachary@epa.gov).

**SUPPLEMENTARY INFORMATION:** EPA has submitted the following ICR to OMB for review and approval according to the

procedures prescribed in 5 CFR 1320.12. On February 28, 2008 (73 FR 10765), EPA sought comments on this ICR pursuant to 5 CFR 1320.8(d). EPA received no comments. Any additional comments on this ICR should be submitted to EPA and OMB within 30 days of this notice.

EPA has established a public docket for this ICR under Docket ID No. EPA-HQ-OAR-2008-0145, which is available for online viewing at [www.regulations.gov](http://www.regulations.gov), or in person viewing at the Air and Radiation Docket in the EPA Docket Center (EPA/DC), EPA West, Room 3334, 1301 Constitution Ave., NW., Washington, DC. The EPA/DC Public Reading Room is open from 8 a.m. to 4:30 p.m., Monday through Friday, excluding legal holidays. The telephone number for the Reading Room is 202-566-1744, and the telephone number for the Air and Radiation Docket is 202-566-1742.

Use EPA's electronic docket and comment system at [www.regulations.gov](http://www.regulations.gov), to submit or view public comments, access the index listing of the contents of the docket, and to access those documents in the docket that are available electronically. Once in the system, select "docket search," then key in the docket ID number identified above. Please note that EPA's policy is that public comments, whether submitted electronically or in paper, will be made available for public viewing at [www.regulations.gov](http://www.regulations.gov) as EPA receives them and without change, unless the comment contains copyrighted material, confidential business information (CBI), or other information whose public disclosure is restricted by statute. For further information about the electronic docket, go to [www.regulations.gov](http://www.regulations.gov).

**Title:** National-Scale Activity Survey (N-SAS).

**ICR numbers:** EPA ICR No. 2293.01, OMB Control No. 2060-NEW.

**ICR Status:** This ICR is for a new information collection activity. An Agency may not conduct or sponsor, and a person is not required to respond to, a collection of information, unless it displays a currently valid OMB control number. The OMB control numbers for EPA's regulations in title 40 of the CFR, after appearing in the **Federal Register** when approved, are listed in 40 CFR part 9, are displayed either by publication in the **Federal Register** or by other appropriate means, such as on the related collection instrument or form, if applicable. The display of OMB control numbers in certain EPA regulations is consolidated in 40 CFR part 9.

**Abstract:** EPA supports the Air Quality Index (AQI), a program that uses data from air quality monitors to forecast pollution levels and to notify the public of health hazards associated with air pollution, primarily ozone and particulate matter pollution (PM). EPA, specifically the Office of Air Quality Planning and Standards, which manages the AQI program, is interested in assessing the public's awareness, knowledge and both stated and actual behavioral response to AQI warnings. To address this need, OAQPS wishes to conduct the National-Scale Activity Surveys (N-SAS) to gather information on perceptions, awareness, attitudes, and stated and actual behaviors in response to AQI warnings.

EPA is requesting permission from OMB to conduct a survey of 1,600 individuals age 35 or older who meet minimal activity requirements living in Washington, DC; Sacramento (also other cities in San Joaquin Valley—San Joaquin, Stanislaus, Merced, Madera, Fresno), Chicago, Dallas, Houston, Atlanta, Philadelphia, or St. Louis. The data will be collected through a web-based survey of members from Knowledge Network's web panel.

The N-SAS consists of a series of nine surveys. A screening survey at the beginning and a debriefing survey at the end will provide information on the research participants, their awareness and knowledge of air pollution and the Air Quality Index (AQI), risk perceptions regarding health effects, and reported behaviors on high ozone days. After the screening survey, research participants will be administered a set of seven activity diaries administered on both high and low ozone days to collect information on actual behavior.

The information obtained from N-SAS will be used by EPA to assess hypotheses for the N-SAS research participants regarding:

- Extent of awareness of and knowledge about the AQI;
- The effects of the AQI-based warnings on behavior in eight cities with significant pollution problems;
- The correlation between awareness, knowledge, stated behavior on high pollution days and data on behavior reported in the activity diaries!
- Differences in behavior, awareness and knowledge among different sub-samples of the N-SAS research participants.

In addition to assessing the effectiveness of AQI-based ozone warnings, the data will also be used to supplement the limited data available to develop exposure profiles for older Americans.



## Appendix B

# Consumer Confidence Rule Spreadsheets





**Exhibit 1**  
**Number of Community Water Systems, Population Served, and Service Connections**

Size Category	Community Water Systems (CWSs)				
	Number of Systems	Popul	Average Popul/Sys	Service Connections	Average SCon/Sys
500 & under	29,282	4,857,007	166	3,243,179	111
501 to 3,300	13,906	19,848,329	1,427	7,350,429	529
3,301 to 10,000	4,822	27,942,486	5,795	9,826,539	2,038
10,001 to 50,000	3,175	69,307,758	21,829	22,604,410	7,119
50,001 to 99,999	526	35,787,969	68,038	11,656,018	22,160
100,000 & over	399	128,707,655	322,576	35,035,005	87,807
<b>Total</b>	<b>52,110</b>	<b>286,451,204</b>	<b>5,497</b>	<b>89,715,580</b>	<b>1,722</b>

Source: SDWIS/FED Data from October 2007

## Exhibit 2

### Summary of CWSs and Service Connections

<b>CWS Size Category (population served)</b>	<b>Number of CWSs</b>	<b>Number of Customers (service connections)</b>
500 & under	29,282	3,243,179
501 to 3,300	13,906	7,350,429
3,301 to 10,000	4,822	9,826,539
10,001 to 50,000	3,175	22,604,410
50,001 to 99,999	526	11,656,018
100,000 & over	399	35,035,005
<b>Totals</b>	<b>52,110</b>	<b>89,715,580</b>

Source: SDWIS/FED Data from October 2007

### Exhibit 3

#### Report Delivery Costs (O&M Costs)

<b>CWS Size Category (population served)</b>	<b>Standard O&amp;M Cost Per Report [1]</b>	<b>Postage Per Report [2]</b>	<b>Total O&amp;M Cost Per Report</b>
500 & under	\$0.03	\$0.400	\$0.425
501 to 3,300	\$0.03	\$0.400	\$0.425
3,301 to 10,000	\$0.03	\$0.400	\$0.425
10,001 to 50,000	\$0.03	\$0.400	\$0.425
50,001 to 99,999	\$0.006	\$0.400	\$0.406
100,000 & over	\$0.006	\$0.400	\$0.406

Notes:

[1] Standard O&M cost per report includes the cost of paper, photocopying or printing, folding, and affixing labels.

[2] Postage per report based on bulk rates for delivery to customers. All other postage rates (e.g., for delivery of reports and certifications from CWSs to their State/Primacy Agency) assume the full postage rate for a first class letter, \$0.42.

Sources:

Standard O&M costs: Based on consultations during development of the CCR Rule (carried forward from 1998 ICR and updated for inflation using CPI-U 1998 Annual Avg. to 2007 Annual Avg.)

Postage per report: U.S. Postal Service website [www.usps.gov](http://www.usps.gov)

## Exhibit 4

### Publication and Internet Access Costs (O&M Costs)

CWS Size Category (population served)	Publishing Cost Per Report	Internet Access Cost Per System [1]
500 & under	N/A	N/A
501 to 3,300	\$254	N/A
3,301 to 10,000	\$763	N/A
10,001 to 50,000	\$2,544	N/A
50,001 to 99,999	\$2,544	N/A
100,000 & over	\$2,544	\$64

Notes:

[1] Internet costs apply only to those systems not able to receive free internet access.

Sources:

Publishing cost per report: Average cost to publish report in a newspaper typical for each size system, based on consultations during development of the CCR Rule (carried forward from 1998 ICR and updated for inflation using CPI-U 1998 Annual Avg. to 2007 Annual Avg.)

Internet access cost per system: Based on consultations during development of the CCR Rule (carried forward from 1998 ICR and updated for inflation using CPI-U 1998 Annual Avg. to 2007 Annual Avg.)

## Exhibit 5

### Annual Estimated Respondent Burden and Cost - Development of Consumer Confidence Report

Information Collection Activity	A	B	C=A*B	D	E=C*D	F	G=B*F	H	I=E+G+H
	Hours Per System	Number of CWSs (No. of Activities)	Annual Burden (hrs)	Labor Rate	Annual Labor Cost	O&M Cost Per Activity	Annual O&M Cost	Annual Capital Cost	Total Annual Cost
<b>Prepare report</b>									
500 & under	4.00	29,282	117,128	\$30.72	\$3,597,853	\$0.00	\$0	\$0	\$3,597,853
501 to 3,300	12.50	13,906	173,825	\$30.72	\$5,339,430	\$0.00	\$0	\$0	\$5,339,430
3,301 to 10,000	18.50	4,822	89,207	\$30.72	\$2,740,196	\$0.00	\$0	\$0	\$2,740,196
10,001 to 50,000	23.00	3,175	73,025	\$30.72	\$2,243,129	\$0.00	\$0	\$0	\$2,243,129
50,001 to 99,999	23.00	526	12,098	\$30.72	\$371,618	\$0.00	\$0	\$0	\$371,618
100,000 & over	23.00	399	9,177	\$30.72	\$281,892	\$0.00	\$0	\$0	\$281,892
<b>Submit report, certify that report was distributed to customers, and certify that information is correct to the State/Primacy Agency.</b>									
500 & under	0.12	29,282	3,514	\$30.72	\$107,936	\$0.45	\$13,043	\$0	\$120,979
501 to 3,300	0.12	13,906	1,669	\$30.72	\$51,259	\$0.45	\$6,194	\$0	\$57,453
3,301 to 10,000	0.12	4,822	579	\$30.72	\$17,774	\$0.45	\$2,148	\$0	\$19,922
10,001 to 50,000	0.12	3,175	381	\$30.72	\$11,703	\$0.45	\$1,414	\$0	\$13,118
50,001 to 99,999	0.12	526	63	\$30.72	\$1,939	\$0.43	\$224	\$0	\$2,163
100,000 & over	0.12	399	48	\$30.72	\$1,471	\$0.43	\$170	\$0	\$1,641
<b>Storing and making available one copy of the report.</b>									
500 & under	0.25	29,282	7,321	\$30.72	\$224,866	\$0.00	\$0	\$0	\$224,866
501 to 3,300	0.25	13,906	3,477	\$30.72	\$106,789	\$0.00	\$0	\$0	\$106,789
3,301 to 10,000	0.25	4,822	1,206	\$30.72	\$37,030	\$0.00	\$0	\$0	\$37,030
10,001 to 50,000	0.25	3,175	794	\$30.72	\$24,382	\$0.00	\$0	\$0	\$24,382
50,001 to 99,999	0.25	526	132	\$30.72	\$4,039	\$0.00	\$0	\$0	\$4,039
100,000 & over	0.25	399	100	\$30.72	\$3,064	\$0.00	\$0	\$0	\$3,064
<b>Subtotals</b>	<b>N/A</b>	<b>156,330</b>	<b>493,741</b>	<b>N/A</b>	<b>\$15,166,368</b>	<b>N/A</b>	<b>\$23,194</b>	<b>\$0</b>	<b>\$15,189,562</b>

Sources:

Hours per system: Based on consultations during development of the CCR Rule (carried forward from 1998 ICR). No new burden estimates were received during the February 2008 consultation with water industry representatives.

Number of CWSs: Exhibit 2

Labor Rates: \$2006 labor rate of \$17.87 was obtained from the Bureau of Labor Statistics (BLS) and inflated to \$2007 using the Employee Cost Index (ECI). An overhead rate of 60 percent was applied, resulting in an hourly rate of \$30.72.

O&M Cost Per Activity: Exhibit 3

Capital Costs: All capital costs were incurred during the first 3-year ICR period.

## Exhibit 6

### Annual Estimated Respondent Burden and Cost - Delivery of Consumer Confidence Report

Information Collection Activity	A	B	C	D	E=B*D	F=A*E	G	H=F*G	I=C*D or B*D	J	K=I*J	L	M=H+K+L
	Hours Per System	Total Number of CWSs	Total Number of Service Connections	% CWSs Performing Activity	Number of CWS Activities	Annual Burden (hrs)	Labor Rate	Annual Labor Cost	Number of O&M Activities [1]	O&M Cost Per Activity	Annual O&M Cost	Annual Capital Cost	Total Annual Cost
<b>Report Delivery - Systems Serving 500 or Fewer People</b>													
Deliver as bill stuffer	1.00	29,282	3,243,179	50%	14,641	14,641	\$30.72	\$449,732	1,621,590	\$0.03	\$41,246	\$0	\$490,978
Post report	0.12	29,282	3,243,179	50%	14,641	1,757	\$30.72	\$53,968	14,641	\$0.03	\$372	\$0	\$54,340
<b>Report Delivery - Systems Serving 501 to 3,300 People</b>													
Deliver as bill stuffer	1.00	13,906	7,350,429	25%	3,477	3,477	\$30.72	\$106,789	1,837,607	\$0.03	\$46,741	\$0	\$153,529
Mail as separate item	1.00	13,906	7,350,429	25%	3,477	3,477	\$30.72	\$106,789	1,837,607	\$0.43	\$781,784	\$0	\$888,572
Publish notice of how to obtain CCR	0.25	13,906	7,350,429	50%	6,953	1,738	\$30.72	\$53,394	6,953	\$254	\$1,768,536	\$0	\$1,821,930
<b>Report Delivery - Systems Serving 3,301 to 10,000 People</b>													
Deliver as bill stuffer	1.00	4,822	9,826,539	25%	1,206	1,206	\$30.72	\$37,030	2,456,635	\$0.03	\$62,486	\$0	\$99,516
Mail as separate item	1.00	4,822	9,826,539	25%	1,206	1,206	\$30.72	\$37,030	2,456,635	\$0.43	\$1,045,140	\$0	\$1,082,170
Publish notice of how to obtain CCR	0.25	4,822	9,826,539	50%	2,411	603	\$30.72	\$18,515	2,411	\$763	\$1,839,756	\$0	\$1,858,271
<b>Report Delivery - Systems Serving 10,001 to 50,000 People</b>													
Deliver as bill stuffer	1.00	3,175	22,604,410	100%	3,175	3,175	\$30.72	\$97,527	22,604,410	\$0.03	\$574,956	\$0	\$672,484
Publish notice of how to obtain CCR	0.25	3,175	22,604,410	100%	3,175	794	\$30.72	\$24,382	3,175	\$2,544	\$8,075,798	\$0	\$8,100,179
<b>Report Delivery - Systems Serving 50,001 to 99,999 People</b>													
Deliver as bill stuffer	1.00	526	11,656,018	100%	526	526	\$30.72	\$16,157	11,656,018	\$0.006	\$74,119	\$0	\$90,277
Publish notice of how to obtain CCR	0.25	526	11,656,018	100%	526	132	\$30.72	\$4,039	526	\$2,544	\$1,337,912	\$0	\$1,341,951
<b>Report Delivery - Systems Serving 100,000 or More People</b>													
Deliver as bill stuffer	1.00	399	35,035,005	100%	399	399	\$30.72	\$12,256	35,035,005	\$0.006	\$222,784	\$0	\$235,040
Publish notice of how to obtain CCR	0.25	399	35,035,005	100%	399	100	\$30.72	\$3,064	399	\$2,544	\$1,014,880	\$0	\$1,017,944
Post on Public Internet Site- Systems with Free Internet Service	0.50	399	35,035,005	90%	359	180	\$30.72	\$5,515	359	\$0.00	\$0	\$0	\$5,515
Post on Public Internet Site- Systems Paying for Internet Service	0.50	399	35,035,005	10%	40	20	\$30.72	\$613	40	\$64	\$2,537	\$0	\$3,150
<b>Subtotals</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>56,609</b>	<b>33,427</b>	<b>N/A</b>	<b>\$1,026,799</b>	<b>79,534,011</b>	<b>N/A</b>	<b>\$16,889,046</b>	<b>\$0</b>	<b>\$17,915,845</b>

Notes:

[1] Number of O&M activities for delivery of report as bill stuffer or separate item based on the number of service connections, all other O&M activity numbers based on the number of CWSs.

Sources:

Hours per system: Based on consultations during development of the CCR Rule (carried forward from 1998 ICR). No new burden estimates were received during the February 2008 consultation with water industry representatives.

Number of CWSs and Service Connections: Exhibit 2

% CWSs Performing Activity: Based on consultations during development of the CCR Rule (carried forward from 1998 ICR).

Labor Rates: \$2006 labor rate of \$17.87 was obtained from the Bureau of Labor Statistics (BLS) and inflated to \$2007 using the Employee Cost Index (ECI). An overhead rate of 60 percent was applied, resulting in an hourly rate of \$30.72.

O&M Cost Per Activity: Exhibits 3 and 4

Capital Costs: All capital costs were incurred during the first 3-year ICR period.

## Exhibit 7

### Annual Estimated Respondent Burden and Cost - States/Primacy Agencies

Information Collection Activity	A	B	C	D	E=D*C	F=A*E	G	H=F*G	I	J	M=H+I+J
	Hours Per System	Number of Respondents	Total Number of CWSs	% CWSs Needing Assistance	Number of Activities	Annual Burden (hrs)	Labor Rate	Annual Labor Cost	Annual O&M Cost	Annual Capital Cost	Total Annual Cost
<b>Assist in Preparation of Reports for Small CWSs</b>											
Systems serving 500 or fewer	4.00	57	29,282	50%	14,641	58,564	\$42.80	\$2,506,487	\$0	\$0	\$2,506,487
Systems serving 501 - 3,300	4.00	57	13,906	50%	6,953	27,812	\$42.80	\$1,190,329	\$0	\$0	\$1,190,329
Systems serving 3,301 - 10,000	4.00	57	4,822	25%	1,206	4,822	\$42.80	\$206,377	\$0	\$0	\$206,377
<b>State Recordkeeping</b>											
Receive and review CWS reports	0.20	57	52,110	100%	52,110	10,422	\$42.80	\$446,052	\$0	\$0	\$446,052
File reports	0.10	57	52,110	100%	52,110	5,211	\$42.80	\$223,026	\$0	\$0	\$223,026
<b>Totals</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>N/A</b>	<b>127,020</b>	<b>106,831</b>	<b>N/A</b>	<b>\$4,572,272</b>	<b>\$0</b>	<b>\$0</b>	<b>\$4,572,272</b>

Sources:

Hours per system: Based on consultations during development of the CCR Rule (carried forward from 1998 ICR). No new burden estimates were received during the February 2008 consultation with water industry representatives.

Number of CWSs: Exhibit 2

% CWSs Needing Assistance: Based on consultations during development of the CCR Rule (carried forward from 1998 ICR).

Labor Rates: \$2006 labor rate of \$24.92 was obtained from the Bureau of Labor Statistics (BLS) and inflated to \$2007 using the Employee Cost Index (ECI). An overhead rate of 60 percent was applied, resulting in an hourly rate of \$42.80.

O&M Cost: States/Primacy Agencies are assumed to incur negligible O&M costs.

Capital Costs: All capital costs were incurred during the first 3-year ICR period.

## Exhibit 8

### Summary of CCR Burden and Costs

Respondent	A	B	C=B/A	D	E	F	G=D+E+F	H=G/A	I	J=G/I
	Annual Respondents	Annual Burden (hrs)	Average Burden (hrs/respondent)	Annual Labor Cost	Annual O&M Cost	Annual Capital/Startup Cost	Total Annual Cost	Average Annual Cost Per Respondent	Annual Responses	Average Annual Cost Per Response
CWSs	52,110	527,168	10	\$16,193,167	\$16,912,240	\$0	\$33,105,407	\$635	212,939	\$155
States/Primacy Agencies	57	106,831	1,874	\$4,572,272	\$0	\$0	\$4,572,272	\$80,215	127,020	\$36

Sources: Derived from Exhibits 1-7.



**Exhibit 9**

**Consumer Confidence Reports - Summary of Original and Revised Burden Estimates**

No consultation comments were received on Consumer Confidence Reports burden estimates.



## Appendix C

### Variations and Exemptions Spreadsheets



**Exhibit 1  
Variances and Exemptions PWS Burden & Costs**

Task	Number of Systems Applying A	Burden per Application (hours) B	Labor Rate (\$/hr) C	Total Burden (hours) D=A*B	Total Costs (\$) E=C*D
Complete variance application with help	18	3	\$30.72	54	\$1,658.73
Notify persons served of variance application	45	2	\$30.72	90	\$2,764.55
Complete financial analysis without help	25	10	\$30.72	250	\$7,679.32
Complete variance application without help	25	24	\$30.72	600	\$18,430.36
Complete exemption application with help	134	3	\$30.72	402	\$12,348.34
Complete application to extend exemption with help	100	1.5	\$30.72	150	\$4,607.59
Notify persons served of exemption application	286	2	\$30.72	572	\$17,570.28
Complete financial analysis of exemption without help	152	10	\$30.72	1,520	\$46,690.25
Complete exemption application without help	152	24	\$30.72	3,648	\$112,056.61
Complete financial analysis to extend exemption without help	134	5	\$30.72	670	\$20,580.57
Complete application to extend exemption without help	88	12	\$30.72	1,056	\$32,437.44
Notify persons served of exemption application (for systems >3,300)	27	2	\$30.72	54	\$1,658.73
<b>Totals</b>	<b>286</b>			<b>9,066</b>	<b>\$276,824.06</b>

[A] Number of systems applying for variances carried forward from 1998 ICR for the V&E rule. Data for exemptions derived from April 2008 EPA data on total number of actual exemptions applied for under the Arsenic Rule (286 systems). Number of systems completing each task was based on percentages of systems completing each task in 1998 ICR (assuming a total of 411 systems in 1998).

[B] Burden for both variances and exemptions carried forward from 1998 ICR for the V&E rule.

[C] From 2006 BLS SOC Code 51-8031, "Local Government - Water and Liquid Waste Treatment Plant and System Operators" updated to 2007\$ using the ECI.

**Exhibit 2**  
**Variations and Exemptions Primacy Burden and Costs**

Task	Number of Systems Applying	Burden per Application (hours)	Labor Rate (\$/hr)	Total Burden (hours)	Total Costs (\$)
	A	B	C	D = A*B	E = C*D
Regulation adoption	6.22	2080	\$42.80	12,938	\$553,717.78
Evaluate variance application	45.45	40	\$42.80	1,818	\$77,808.78
Evaluate ensuing exemption applications	286	20	\$42.80	5,720	\$244,810.92
Complete financial analysis of variance for systems	21	10	\$42.80	210	\$8,987.81
Assist systems to complete variance application	21	18	\$42.80	378	\$16,178.06
Construct a compliance schedule for variance for which compliance alternative found	30	24	\$42.80	720	\$30,815.36
Write terms of small system variance to ensure enforceability	13	24	\$42.80	312	\$13,353.32
Notify administrator of proposed variances	18	1	\$42.80	18	\$770.38
Respond to administrator's objections	5.25	24	\$42.80	126	\$5,392.69
Provide public notice and public hearing	13.5	24	\$42.80	324	\$13,866.91
Enforce compliance schedule and report progress	108	6	\$42.80	648	\$27,733.82
File management for variances	108	0.5	\$42.80	54	\$2,311.15
Five year review	24	12	\$42.80	288	\$12,326.14
Complete financial analysis of exemption for system	134	10	\$42.80	1,340	\$57,350.81
Assist systems to complete exemption application	134	18	\$42.80	2,412	\$103,231.46
Create compliance schedule for exemption for which compliance alternative is found	132	24	\$42.80	3,168	\$135,587.58
Create compliance schedule for each exemption granted	154	24	\$42.80	3,696	\$158,185.51
Notify administrator of proposed exemptions	154	1	\$42.80	154	\$6,591.06
Respond to administrator's objections	19	24	\$42.80	456	\$19,516.39
Provide public notice and public hearing	154	24	\$42.80	3,696	\$158,185.51
Enforce compliance schedule and report progress	286	6	\$42.80	1,716	\$73,443.27
File management for exemptions	286	0.5	\$42.80	143	\$6,120.27
Quarterly variances and exemptions report (number of states)	57	208	\$42.80	11,856	\$507,426.26
Rule training (staff per year receiving training)	18.4	80	\$42.80	1,472	\$63,000.29
Management (number of states)	57	208	\$42.80	11,856	\$507,426.26
Supervision (number of states)	57	208	\$42.80	11,856	\$507,426.26
Clerical support (number of states)	57	208	\$42.80	11,856	\$507,426.26
<b>Total</b>				<b>89,231</b>	<b>\$3,818,990.36</b>

[A] Number of systems applying for variances carried forward from 1998 ICR for the V&E rule. Data for exemptions derived from April 2008 EPA data on total number of actual exemptions applied for under the Arsenic Rule (286 systems) and number of approved exemptions (154). Number of systems completing each task was based on percentages of systems completing each task in 1998 ICR (assuming a total of 411 systems in 1998).

[B] Data from variances carried forward from 1998 ICR. Data for exemptions based on EPA data on actual exemptions applied for and granted for the arsenic rule. Percentage of systems requiring state help was maintained from the 1998 ICR.

[C] From 2006 BLS SOC Code 19-2041, "State Government - Environmental Scientists and Specialists, Including Health" updated to 2007\$ using the ECI.

**Exhibit 3**

**Variances and Exemptions - Summary of Original and Revised Burden Estimates**

	<b>Year 1</b>	<b>Year 2</b>	<b>Year 3</b>	<b>Totals</b>	<b>Average</b>
<b>PWS</b>					
Burden (hrs)	9,066	9,066	9,066	27,198	9066
Respondents	519	519	519	1,557	519
Responses	286	286	286	858	286
Costs (2007\$)	\$276,824	\$276,824	\$276,824	\$830,472	\$276,824
<b>Primacy Agency</b>					
Burden (hrs)	89,231	89,231	89,231	267,692	89,231
Respondents	57	57	57	57	57
Responses	2,399	2,399	2,399	7,196	2,399
Costs (2007\$)	\$3,818,990	\$3,818,990	\$3,818,990	\$11,456,971	\$3,818,990





## Appendix D

# Capacity Development Spreadsheets



## Exhibit 1

### Assumptions for Capacity Development Burden Per System

	Time per System	FTEs per System	Number of Systems per Year	Total FTEs per Year	
<b>Program for New Systems</b>					
1	Applying for approval	40	0.019	456	8.8
2	Improving capacity for approval	20	0.010	91	0.9
<b>Strategy for Existing Systems</b>					
3	Cooperation with State strategy	8	0.004	13,859	53.3
<b>Additional Program for New Systems Assumptions</b>					
Number of new systems per State per year:				8	
Percentage of New Systems that are denied initial approval and therefore must submit supplemental materials:				20%	
<b>Additional Strategy for Existing Systems Assumptions</b>					
Percentage of all CWSs that will participate in State strategy each year:				20%	
Percentage of all TNCWSs that will participate in State strategy each year:				2.5%	
Percentage of all NTNCWSs that will participate in State strategy each year:				7%	
Total Number of Systems affected during October 1, 2008 to September 30, 2011:				41,578	
<b>Other Assumptions</b>					
Cost of one system FTE:				\$63,892	
Number of hours/year/FTE:				2,080	

**Exhibit 2  
Assumptions for Capacity Development Burden Per State**

<b>Program for New Systems</b>												
	<b>Activity</b>	<b>Time per system</b>	<b>FTEs per system</b>	<b>Number of systems</b>	<b>Percent of States</b>	<b>Time</b>	<b>in FTEs</b>	<b>Percent of States</b>	<b>Time</b>	<b>in FTEs</b>	<b>Total FTEs</b>	<b>FTEs per State</b>
<b>Annual Burden</b>												
1	Approval of systems	100	0.0481	456							21.9231	0.3846
2	Improving capacity for approval	8	0.0038	91							0.3508	0.0062
	<b>Subtotal</b>										22.2738	0.3908
<b>Strategy for Existing Systems</b>												
<b>Annual Burden</b>												
3	Implementing strategy	4	0.0019	13,859							26.6526	0.4676
	<b>Subtotal</b>										26.6526	0.4676
4	SNC list with reasons (2003)				100%	8	0.0038				0.2192	0.0038
5	Submittal of report to the Governor on the progress and success of strategy				100%	40	0.0192				1.0962	0.0192
	<b>Subtotal</b>										1.3154	0.0231
<b>All Programs</b>												
6	Documentation of program performance to EPA				100%	40	0.0192				1.0962	0.0192
	<b>Subtotal</b>										1.0962	0.0192
<b>Additional Program for New Systems Assumptions</b>												
Number of new systems per State per year:											8	
Percentage of New Systems that are denied initial approval and therefore must submit supplemental materials:											20%	
<b>Additional Strategy for Existing Systems Assumptions</b>												
Percentage of all CWSs that will participate in State strategy each year:											20%	
Percentage of all TNCWSs that will participate in State strategy each year:											2.5%	
Percentage of all NTNCWSs that will participate in State strategy each year:											7%	
<b>Other Assumptions</b>												
Annual cost of State FTE:											\$89,022	
Number of hours/year/FTE:											2080	

**Exhibit 3  
Capacity Development Burden Estimate**

	<b>Annual FTEs</b>	<b>Annual Hours</b>	<b>Cost</b>
<b>PWS</b>			
New Systems: Applying for Approval	8.8	18,240	\$560,283
New Systems: Improving Capacity for Approval	0.9	1,824	\$56,028
Existing Systems: Cooperation with State Strategy	53.3	110,875	\$3,405,767
<b>TOTAL</b>		<b>130,939</b>	<b>\$4,022,078</b>
<b>State</b>			
New System Capacity: Approval of Systems	21.9	45,600	\$1,951,639
New System Capacity: Improving Capacity for Approval	0.4	730	\$31,226
Existing Systems: Implementing Strategy	26.7	55,437	\$2,372,668
Existing Systems: SNC List with Reasons	0.2	456	\$19,516
Other State Burden: Documentation of Program Performance to EPA	1.1	2,280	\$97,582
<b>TOTAL</b>		<b>104,503</b>	<b>\$4,472,632</b>

**Exhibit 4**  
**Capacity Development Program - Summary of Original  
and Revised Burden Estimates**

<b>Capacity Development Burden Per State</b>		
<b>2004 Burden (Hours)</b>	<b>Task</b>	<b>Revised Burden</b>
128	Approval of systems	800 hrs

## Appendix E

### General Primacy Spreadsheets





**Exhibit 1  
Costs for General Primacy Activities**

Line Item FTE Activities	PWS Workload Estimates				
	Oct. 2008-Sept. 2009	Oct. 2009-Sept. 2010	Oct. 2010-Sept. 2011	Total	Average
<b>I. MANAGEMENT, ADMINISTRATIVE, &amp; STAFF</b>					
A. Grant Submittals	\$ 2,537,131.31	\$ 2,537,131.31	\$ 2,537,131.31	\$ 7,611,393.92	\$ 2,537,131.31
B. File Management	\$ 2,537,131.31	\$ 2,537,131.31	\$ 2,537,131.31	\$ 7,611,393.92	\$ 2,537,131.31
<b>II. DATA MANAGEMENT AND SUPPORT</b>					
A. Maintain Data System	\$ 2,537,131.31	\$ 2,537,131.31	\$ 2,537,131.31	\$ 7,611,393.92	\$ 2,537,131.31
B. Prepare and Submit Monthly Violation Reports	\$ 2,537,131.31	\$ 2,537,131.31	\$ 2,537,131.31	\$ 7,611,393.92	\$ 2,537,131.31
C. Laboratory Certification	\$ 1,775,991.91	\$ 1,775,991.91	\$ 1,775,991.91	\$ 5,327,975.74	\$ 1,775,991.91
<b>III. PROGRAM IMPLEMENTATION</b>					
A. Technical Activity					
1. Review Plans for Major Projects					
a. Systems >10,000	\$ 761,139.39	\$ 761,139.39	\$ 761,139.39	\$ 2,283,418.18	\$ 761,139.39
b. Systems 3,301 - 10,000	\$ 1,014,852.52	\$ 1,014,852.52	\$ 1,014,852.52	\$ 3,044,557.57	\$ 1,014,852.52
c. Systems ≤3,300	\$ 12,685,656.53	\$ 12,685,656.53	\$ 12,685,656.53	\$ 38,056,969.60	\$ 12,685,656.53
2. Review Plans for Minor Projects					
a. Systems >500	\$ 2,537,131.31	\$ 2,537,131.31	\$ 2,537,131.31	\$ 7,611,393.92	\$ 2,537,131.31
b. Systems ≤500	\$ 6,342,828.27	\$ 6,342,828.27	\$ 6,342,828.27	\$ 19,028,484.80	\$ 6,342,828.27
3. Routine Inspections	\$ 2,029,705.05	\$ 2,029,705.05	\$ 2,029,705.05	\$ 6,089,115.14	\$ 2,029,705.05
B. Compliance/Monitoring					
1. Violations Response					
a. Issuing Notices of Violation/Ensuring Public Notification	\$ 5,632,431.50	\$ 5,632,431.50	\$ 5,632,431.50	\$ 16,897,294.50	\$ 5,632,431.50
<b>Subtotal Cost For State Workload</b>	<b>42,928,262</b>	<b>42,928,262</b>	<b>42,928,262</b>	<b>128,784,785</b>	<b>42,928,262</b>
Supervision (10 staff : 1 supervisor)	4,292,826	4,292,826	4,292,826	12,878,479	4,292,826
Rule Training (5 days per FTE)	8,586	8,586	8,586	25,757	8,586
Clerical (10 staff : 1 clerical)	4,292,826	4,292,826	4,292,826	12,878,479	4,292,826
Ongoing Training (5 days per FTE) <sup>1</sup>	8,586	8,586	8,586	25,757	8,586
<b>Total Cost For State Workload</b>	<b>51,531,085</b>	<b>51,531,085</b>	<b>51,531,085</b>	<b>154,593,256</b>	<b>51,531,085</b>
<b>Total Cost For Purchases of Services</b>					
<b>Total Cost For State (including Purchases of Services)</b>	<b>51,531,085</b>	<b>51,531,085</b>	<b>51,531,085</b>	<b>154,593,256</b>	<b>51,531,085</b>

<sup>1</sup> Ongoing Training includes attending professional conferences, attending classes for skills such as public speaking and computers, and participating in seminars such as employee health and well being and stress management.

**Exhibit 2  
FTEs for General Primacy Activities**

General Modeling Assumptions	Values
Total number of systems	155,693 systems
Number of systems ≤ 3,300	146,508 systems
Number of systems > 3,300	9,185 systems
Number of entities (includes States, territories, or Tribes)	57 entities
Avg Annual Salary (including benefits & overhead)	89,022 per year
Avg hours worked (1 FTE)	2,080 hours per year

Line Item FTE Activities	PWS Workload Estimates				
	Oct. 2008- Sept. 2009	Oct. 2009- Sept. 2010	Oct. 2010- Sept. 2011	Total	Average
<b>I. MANAGEMENT, ADMINSTRATIVE, &amp; STAFF</b>					
A. Grant Submittals	28.5	28.5	28.5	85.5	28.5
B. File Management	28.5	28.5	28.5	85.5	28.5
<b>II. DATA MANAGEMENT AND SUPPORT</b>					
A. Maintain Data System	28.5	28.5	28.5	85.5	28.5
B. Prepare and Submit Monthly Violation Reports	28.5	28.5	28.5	85.5	28.5
C. Laboratory Certification	20.0	20.0	20.0	59.9	20.0
<b>III. PROGRAM IMPLEMENTATION</b>					
A. Technical Activity					
1. Review Plans for Major Projects					
a. Systems >10,000	8.6	8.6	8.6	25.7	8.6
b. Systems 3,301 - 10,000	11.4	11.4	11.4	34.2	11.4
c. Systems ≤3,300	142.5	142.5	142.5	427.5	142.5
2. Review Plans for Minor Projects					
a. Systems >500	28.5	28.5	28.5	85.5	28.5
b. Systems ≤500	71.3	71.3	71.3	213.8	71.3
3. Routine Inspections	22.8	22.8	22.8	68.4	22.8
B. Compliance/Monitoring					
1. Violations Response					
a. Issuing Notices of Violation/Ensuring Public Notification	63.3	63.3	63.3	189.8	63.3
<b>FTE Subtotal</b>	<b>482.2</b>	<b>482.2</b>	<b>482.2</b>	<b>1,446.7</b>	<b>482.2</b>
Supervision (10 staff : 1 supervisor)	48.2	48.2	48.2	144.7	48.2
Rule Training (5 days per FTE)	0.1	0.1	0.1	0.3	0.1
Clerical (10 staff : 1 clerical)	48.2	48.2	48.2	144.7	48.2
Ongoing Training (5 days per FTE) <sup>1</sup>	0.1	0.1	0.1	0.3	0.1
<b>FTE Total</b>	<b>578.9</b>	<b>578.9</b>	<b>578.9</b>	<b>1,736.6</b>	<b>578.9</b>
<b>Total Cost For State Workload</b>	<b>\$ 51,531,085</b>	<b>\$ 51,531,085</b>	<b>\$ 51,531,085</b>	<b>\$ 154,593,256</b>	<b>\$ 51,531,085</b>
<b>Total Cost For Purchases of Services</b>				<b>\$ -</b>	<b>\$ -</b>
<b>Total Cost For State (including Purchases of Services)</b>	<b>\$ 51,531,085</b>	<b>\$ 51,531,085</b>	<b>\$ 51,531,085</b>	<b>\$ 154,593,256</b>	<b>\$ 51,531,085</b>
<b>Total Labor Hours for State Workload</b>	<b>1,204,022</b>	<b>1,204,022</b>	<b>1,204,022</b>	<b>3,612,067</b>	<b>1,204,022</b>

<sup>1</sup> Ongoing Training includes attending professional conferences, attending classes for skills such as public speaking and computers, and participating in seminars such as employee health and well being and stress management.

**Exhibit 3  
Hours for General Primacy Activities**

<b>General Modeling Assumptions</b>	<b>Values</b>
Total number of systems	155,693 systems
Number of systems ≤ 3,300	146,508 systems
Number of systems > 3,300	9,185 systems
Number of entities (includes States, territories, or Tribes)	57 entities
Avg Annual Salary (including benefits & overhead)	\$ 89,022 per year
Avg hours worked (1 FTE)	2,080 hours per year

<b>Line Item FTE Activities</b>	<b>PWS Workload Estimates</b>				
	<b>Oct. 2008- Sept. 2009</b>	<b>Oct. 2009- Sept. 2010</b>	<b>Oct. 2010- Sept. 2011</b>	<b>Total</b>	<b>Average</b>
<b>I. MANAGEMENT, ADMINSTRATIVE, &amp; STAFF</b>					
A. Grant Submittals	59,280	59,280	59,280	177,840	59,280
B. File Management	59,280	59,280	59,280	177,840	59,280
<b>II. DATA MANAGEMENT AND SUPPORT</b>					
A. Maintain Data System	59,280	59,280	59,280	177,840	59,280
B. Prepare and Submit Monthly Violation Reports	59,280	59,280	59,280	177,840	59,280
C. Laboratory Certification	41,496	41,496	41,496	124,488	41,496
<b>III. PROGRAM IMPLEMENTATION</b>					
A. Technical Activity					
1. Review Plans for Major Projects					
a. Systems >10,000	17,784	17,784	17,784	53,352	17,784
b. Systems 3,301 - 10,000	23,712	23,712	23,712	71,136	23,712
c. Systems ≤3,300	296,400	296,400	296,400	889,200	296,400
2. Review Plans for Minor Projects					
a. Systems >500	59,280	59,280	59,280	177,840	59,280
b. Systems ≤500	148,200	148,200	148,200	444,600	148,200
3. Routine Inspections	47,424	47,424	47,424	142,272	47,424
B. Compliance/Monitoring					
1. Violations Response					
a. Issuing Notices of Violation/Ensuring Public Notification	131,602	131,602	131,602	394,805	131,602
<b>Hours Subtotal</b>	<b>1,003,018</b>	<b>1,003,018</b>	<b>1,003,018</b>	<b>3,009,053</b>	<b>1,003,018</b>
Supervision (10 staff : 1 supervisor)	100,302	100,302	100,302	300,905	100,302
Rule Training (5 days per FTE)	201	201	201	602	201
Clerical (10 staff : 1 clerical)	100,302	100,302	100,302	300,905	100,302
Ongoing Training (5 days per FTE) <sup>1</sup>	201	201	201	602	201
<b>Hours Total</b>	<b>1,204,022</b>	<b>1,204,022</b>	<b>1,204,022</b>	<b>3,612,067</b>	<b>1,204,022</b>

<sup>1</sup> Ongoing Training includes attending professional conferences, attending classes for skills such as public speaking and computers, and participating in seminars such as employee health and well being and stress management.

**Exhibit 4**  
**General Primacy Activities (States only) - Summary of Original and Revised Burden Estimates**

2004 Burden		Task	Revised Burden
<b>I. Management, Administrative, &amp; Staff</b>			
0.09	FTE	A. Grant Submittals	0.50
0.84	FTE	B. File Management	0.50
<b>II. Data Management and Support</b>			
0.20	FTE	A. Maintain Data System	0.50
0.10	FTE	B. Prepare and Submit Monthly Violation Reports	0.50
0.00	FTE	C. Laboratory Certification	0.35
<b>III. Program Implementation</b>			
		A. Technical Activity	
		1. Review Plans for Major Projects	
0.15	FTE	a. Systems > 10,000	0.15
0.12	FTE	b. System 3,301-10,000	0.2
2.32	FTE	c. ≤3,300	2.5
		2. Review Plans for Minor Projects	
0.45	FTE	a. Systems >500	0.5
1.08	FTE	c. Systems ≤500	1.25
0.34	FTE	3. Routine Inspections	0.4

## Appendix F

### Public Notification Rule Spreadsheets



**Exhibit 1**

**Public Water System Inventory**

<b>System Category</b>	<b>Population Served</b>	<b>Number of Systems</b>	<b>Average Service Connections/System</b>
CWS	<500	29,282	111
	501-3,300	13,906	529
	3,301-10,000	4,822	2,038
	10,001-100,000	3,702	9,258
	>100,000	398	87,991
<b>Total</b>		<b>52,110</b>	<b>1,722</b>
NTNCWS	<500	16,034	8
	501-3,300	2,662	20
	3,301-10,000	120	109
	10,001-100,000	22	149
	>100,000	1	2,181
<b>Total</b>		<b>18,839</b>	<b>11</b>
TNCWS	<500	81,873	8
	501-3,300	2,751	34
	3,301-10,000	102	47
	10,001-100,000	15	538
	>100,000	3	2
<b>Total</b>		<b>84,744</b>	<b>9</b>

Source: SDWIS/FED Data from October 2007.

Exhibit 2

Derivation of Annual Tier 1 Violation Estimates for Existing Rules

System Category	Population Served	Acute TCR MCL A	TCR Confirmation Sample B=(A)*1%	Nitrates, Nitrites, N+N MCL C	Nitrate Special Notices (NCWSs) D=(C)*10%	Nitrate/Nitrite Conf. Sample E	Tier 1 SWTR TT F	IESWTR & LT1 Elevated Single Exceedances G	Outbreaks/Emergencies H	Stage 1 Chlorine Dioxide I	GWR Triggered Monitoring Sample is Positive (Estimate) J	Total Tier 1 Violations K=Sum (A:J)
CWS	<500	236	2	329	N/A	5	29	1.75	4.25	-	2,779	3,387
	501-3,300	36	0	88	N/A	-	16	1.90	0.50	-	1,303	1,446
	3,301-10k	8	0	6	N/A	-	3	1.40	0.13	-	650	668
	10,001-100k	13	0	6	N/A	-	3	0.50	0.25	-	941	964
	>100k	5	0	-	N/A	-	0	0.20	0.13	-	153	159
<b>Subtotal</b>	<b>298</b>	<b>3</b>	<b>429</b>	<b>-</b>	<b>5</b>	<b>52</b>	<b>6</b>	<b>5.26</b>	<b>-</b>	<b>5,826</b>	<b>6,624</b>	
NTNCWS	<500	86	1	121	12	3	3	0.40	0.13	-	1,171	1,397
	501-3,300	13	0	18	2	-	1	0.20	0.13	-	229	263
	3,301-10k	1	0	-	-	-	0	-	-	-	14	15
	10,001-100k	-	-	-	-	-	-	0.05	-	-	2	2
	>100k	-	-	-	-	-	-	-	-	-	-	-
<b>Subtotal</b>	<b>100</b>	<b>1</b>	<b>139</b>	<b>14</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>0.26</b>	<b>-</b>	<b>1,416</b>	<b>1,677</b>	
TNCWS	<500	510	5	416	42	55	17	0.30	5.38	-	8,589	9,640
	501-3,300	20	0	11	1	1	1	-	-	-	294	328
	3,301-10k	4	0	-	-	-	0	-	-	-	13	17
	10,001-100k	-	-	-	-	-	-	-	-	-	2	2
	>100k	-	-	-	-	-	-	-	-	-	0	0
<b>Subtotal</b>	<b>534</b>	<b>5</b>	<b>427</b>	<b>43</b>	<b>56</b>	<b>18</b>	<b>0</b>	<b>5.38</b>	<b>-</b>	<b>8,898</b>	<b>9,987</b>	
<b>Total for All Systems</b>	<b>932</b>	<b>9</b>	<b>995</b>	<b>57</b>	<b>64</b>	<b>74</b>	<b>7</b>	<b>10.90</b>	<b>-</b>	<b>16,140</b>	<b>18,288</b>	

Sources: (A, C, E, I) SDWIS FY2007 October.

(B) Rate of failure to take TCR confirmation samples (1%) based on EPA estimate (carried forward from previous ICR).

(D) Number of nitrate special notices for NCWSs (10% of nitrate MCL violations) based on EPA estimate (carried forward from previous ICR).

(F) Assumes 5 % of all SWTR TT single exceedance violations are elevated to Tier 1 based on EPA estimate (carried forward from previous ICR). Because data are not available for SWTR single exceedance, EPA assumes 5% of all SWTR violations are elevated to Tier 1.

(G) IESWTR & LT1 elevated single exceedance is equal to 5% of violations for 'Treatment Technique Exceeds Turb 1 NTU.'

(H) Estimate of waterborne disease outbreaks/emergencies from biennial "Surveillance for Waterborne Disease Outbreaks – United States" reports prepared by the Center for Disease Control (CDC).

(J) From GWR model, the number of entry points estimated to test positive for fecal indicators.

Notes: Detail may not add to totals due to rounding.



**Exhibit 3**

**Derivation of Annual Tier 2 Violation Estimates for Existing Rules**

System Category	Population Served	Total Systems A	MCL Violations					TT Violations						M/R Violations	Other	Total Tier 2 (All Types) O=Sum(B,F,H,N)
			Rads B	Monthly TCR C	Stage 1 D	Arsenic E	All Others (SOCs, VOCs, and other IOCs) F	SWTR Total G	SWTR Tier 2 H=(G)*95%	IESWTR & LT1 I	Stage 1 J	LCR K	GWR Estimate L	Total Tier 2 M=(Tier 3 M/R)*5%	Stage 1 MRDL N	
CWS	<500	22,030	661	1,950	880	717	301	588	559	135	218	666	430	2,169	4	8,690
	501-3,300	12,971	239	586	1,485	244	68	322	306	174	209	196	171	520	-	4,198
	3,301-10k	4,432	103	232	453	75	10	50	48	90	85	50	50	184	-	1,379
	10,001-100k	3,480	288	205	131	17	17	63	60	140	28	19	28	186	-	1,119
	>100k	360	8	6	-	1	1	9	9	13	-	1	2	17	1	58
<b>Subtotal</b>	<b>43,274</b>	<b>1,299</b>	<b>2,979</b>	<b>2,949</b>	<b>1,054</b>	<b>397</b>	<b>1,032</b>	<b>980</b>	<b>552</b>	<b>540</b>	<b>932</b>	<b>681</b>	<b>3,076</b>	<b>5</b>	<b>15,444</b>	
NTNCWS	<500	6,570	12	974	200	448	61	59	56	32	45	528	255	1,230	-	3,841
	501-3,300	1,142	-	105	30	48	5	14	13	10	3	92	41	197	-	544
	3,301-10k	51	-	13	-	3	-	4	4	-	-	4	2	6	-	32
	10,001-100k	9	-	1	1	-	-	-	-	1	-	2	0	1	-	6
	>100k	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Subtotal</b>	<b>7,774</b>	<b>-</b>	<b>1,093</b>	<b>231</b>	<b>499</b>	<b>66</b>	<b>77</b>	<b>73</b>	<b>43</b>	<b>48</b>	<b>626</b>	<b>298</b>	<b>1,434</b>	<b>-</b>	<b>4,423</b>	
TNCWS	<500	25,771	N/A	4,394	N/A	N/A	N/A	336	319	27	N/A	N/A	1,313	1,343	N/A	7,397
	501-3,300	1,066	N/A	188	N/A	N/A	N/A	23	22	3	N/A	N/A	43	45	N/A	300
	3,301-10k	49	N/A	4	N/A	N/A	N/A	2	2	3	N/A	N/A	1	1	N/A	12
	10,001-100k	16	N/A	-	N/A	N/A	N/A	-	-	-	N/A	N/A	0	0	N/A	0
	>100k	3	N/A	-	N/A	N/A	N/A	-	-	-	N/A	N/A	0	0	N/A	0
<b>Subtotal</b>	<b>26,906</b>	<b>-</b>	<b>4,586</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>361</b>	<b>343</b>	<b>33</b>	<b>-</b>	<b>-</b>	<b>1,358</b>	<b>1,389</b>	<b>-</b>	<b>7,709</b>	
<b>Total for All Systems</b>	<b>77,954.07</b>	<b>1,299</b>	<b>8,658</b>	<b>3,180</b>	<b>1,553</b>	<b>463</b>	<b>1,470</b>	<b>1,397</b>	<b>628</b>	<b>588</b>	<b>1,558</b>	<b>2,336</b>	<b>5,899</b>	<b>5</b>	<b>27,576</b>	

Sources: (B-G, I-K, N) SDWIS FY 2007 October.

(H) Assumes 5% of SWTR TT violations are elevated to Tier 1, based on EPA estimate.

(L) Includes failure to take corrective action and failure to maintain 4-log inactivation when required to do so. From the GWR ICR.

(M) Tier 3 violations elevated to Tier 2 (5% of all M/R violations) based on EPA estimate (carried forward from previous ICR).

Notes: Detail may not add to totals due to rounding.

Exhibit 4

Derivation of Annual Tier 3 Violation Estimates for Existing Rules

System Category	Violation Data														System Data		
	Population Served	Total Systems	TCR M/R A	SWTR M/R B	IESWTR & LT1 M/R C	Stage 1 M/R D	Nitrates M/R E	Arsenic M/R F	Rads G	LCR M/R H	SOCs, VOCs, and other IOCs I	GWR Estimate J	Total M/R Violations K=SUM(A-J)	Total Tier 3 L=K*.95	SDWIS Total Number of Systems w/Tier 3 M/R M	GWR Estimate N	M/R Total O
CWS	<500	22,030	8,354	623	3	3,236	1,497	262	940	6,229	21,741	491	43,376	41,207	12,659	14	12,673
	501-3,300	12,971	1,985	265	2	1,491	462	61	212	1,596	4,141	195	10,410	9,889	3,923	6	3,929
	3,301-10k	4,432	380	74	1	494	205	27	71	377	1,987	57	3,673	3,489	1,127	2	1,129
	10,001-100k	3,480	247	32	6	279	190	38	47	251	2,598	32	3,720	3,534	801	1	802
	>100k	360	17	10	4	38	54	32	-	37	141	2	335	318	92	0	92
	<b>Subtotal</b>	<b>43,274</b>	<b>10,983</b>	<b>1,004</b>	<b>16</b>	<b>5,538</b>	<b>2,408</b>	<b>420</b>	<b>1,270</b>	<b>8,490</b>	<b>30,608</b>	<b>777</b>	<b>61,514</b>	<b>58,438</b>	<b>18,602</b>	<b>23</b>	<b>18,625</b>
NTNCWS	<500	6,570	2,377	55	-	690	668	234	8	3,390	16,890	291	24,603	23,372	5,849	9	5,858
	501-3,300	1,142	419	6	-	276	96	28	1	501	2,566	47	3,940	3,743	926	1	927
	3,301-10k	51	36	1	-	14	3	1	-	20	45	2	122	116	48	0	48
	10,001-100k	9	8	-	-	5	6	1	-	1	-	0	21	20	13	0	13
	>100k	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
	<b>Subtotal</b>	<b>7,774</b>	<b>2,840</b>	<b>62</b>	<b>-</b>	<b>985</b>	<b>773</b>	<b>264</b>	<b>9</b>	<b>3,912</b>	<b>19,501</b>	<b>340</b>	<b>28,686</b>	<b>27,251</b>	<b>6,836</b>	<b>10</b>	<b>6,846</b>
TNCWS	<500	25,771	19,662	206	-	N/A	5,496	N/A	N/A	N/A	N/A	1,499	26,863	25,520	18,927	44	18,971
	501-3,300	1,066	648	18	-	N/A	176	N/A	N/A	N/A	N/A	49	891	846	622	1	623
	3,301-10k	49	19	4	-	N/A	4	N/A	N/A	N/A	N/A	1	28	27	22	0	22
	10,001-100k	16	1	-	-	N/A	-	N/A	N/A	N/A	N/A	0	1	1	1	0	1
	>100k	3	-	-	-	N/A	-	N/A	N/A	N/A	N/A	0	0	0	-	0	0
	<b>Subtotal</b>	<b>26,906</b>	<b>20,330</b>	<b>228</b>	<b>-</b>	<b>-</b>	<b>5,676</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1,550</b>	<b>27,784</b>	<b>26,394</b>	<b>19,572</b>	<b>46</b>	<b>19,618</b>
<b>Total for All Systems</b>		<b>77,954</b>	<b>34,153</b>	<b>1,294</b>	<b>16</b>	<b>6,523</b>	<b>8,857</b>	<b>684</b>	<b>1,279</b>	<b>12,402</b>	<b>50,109</b>	<b>2,666</b>	<b>117,983</b>	<b>112,084</b>	<b>45,010</b>	<b>79</b>	<b>45,089</b>

Sources: (A-I, M) SDWIS FY 2007 October.

(J) Estimated number of GWR monitoring violations, based on GWR ICR.

(L) Tier 3 violations elevated to Tier 2 (5% of all M/R violations) based on EPA estimate (carried forward from previous ICR).

(M) Burden for Tier 3 violations is calculated on a per-system basis since multiple violations at one system are likely to be reported in a single report.

(N) From GWR ICR. Includes source water monitoring and compliance monitoring violations.

Notes: Detail may not add to totals due to rounding.

No data were available on systems with fluoride SMCL exceedances or systems required to report availability of unregulated contaminant monitoring results. These systems are assumed to be included in systems with Tier 3 violations.

**Exhibit 5**

**Summary of Annual Violation Estimates for Existing Rules**

System Category	Population Served	Total Violations - Year 1 (Oct. 1, 2008 - Sept. 30, 2009)			Total Violations - Year 2 (Oct. 1, 2009 - Sept. 30, 2010)			Total Violations - Year 3 (Oct. 1, 2010 - Sept. 30, 2011)			Annual Average Violations		
		Tier 1	Tier 2	Tier 3	Tier 1	Tier 2	Tier 3	Tier 1	Tier 2	Tier 3	Tier 1	Tier 2	Tier 3
CWS	<500	3,387	8,690	41,207	3,387	8,690	41,207	3,387	8,690	41,207	3,387	8,690	41,207
	501-3,300	1,446	4,198	9,889	1,446	4,198	9,889	1,446	4,198	9,889	1,446	4,198	9,889
	3,301-10k	668	1,379	3,489	668	1,379	3,489	668	1,379	3,489	668	1,379	3,489
	10,001-100k	964	1,119	3,534	964	1,119	3,534	964	1,119	3,534	964	1,119	3,534
	>100k	159	58	318	159	58	318	159	58	318	159	58	318
<b>Subtotal</b>		<b>6,624</b>	<b>15,444</b>	<b>58,438</b>	<b>6,624</b>	<b>15,444</b>	<b>58,438</b>	<b>6,624</b>	<b>15,444</b>	<b>58,438</b>	<b>6,624</b>	<b>15,444</b>	<b>58,438</b>
NTNCWS	<500	1,397	3,841	23,372	1,397	3,841	23,372	1,397	3,841	23,372	1,397	3,841	23,372
	501-3,300	263	544	3,743	263	544	3,743	263	544	3,743	263	544	3,743
	3,301-10k	15	32	116	15	32	116	15	32	116	15	32	116
	10,001-100k	2	6	20	2	6	20	2	6	20	2	6	20
	>100k	-	-	-	-	-	-	-	-	-	-	-	-
<b>Subtotal</b>		<b>1,677</b>	<b>4,423</b>	<b>27,251</b>	<b>1,677</b>	<b>4,423</b>	<b>27,251</b>	<b>1,677</b>	<b>4,423</b>	<b>27,251</b>	<b>1,677</b>	<b>4,423</b>	<b>27,251</b>
TNCWS	<500	9,640	7,397	25,520	9,640	7,397	25,520	9,640	7,397	25,520	9,640	7,397	25,520
	501-3,300	328	300	846	328	300	846	328	300	846	328	300	846
	3,301-10k	17	12	27	17	12	27	17	12	27	17	12	27
	10,001-100k	2	0	1	2	0	1	2	0	1	2	0	1
	>100k	0	0	0	0	0	0	0	0	0	0	0	0
<b>Subtotal</b>		<b>9,987</b>	<b>7,709</b>	<b>26,394</b>	<b>9,987</b>	<b>7,709</b>	<b>26,394</b>	<b>9,987</b>	<b>7,709</b>	<b>26,394</b>	<b>9,987</b>	<b>7,709</b>	<b>26,394</b>
<b>Total for All Systems</b>		<b>18,288</b>	<b>27,576</b>	<b>112,084</b>	<b>18,288</b>	<b>27,576</b>	<b>112,084</b>	<b>18,288</b>	<b>27,576</b>	<b>112,084</b>	<b>18,288</b>	<b>27,576</b>	<b>112,084</b>

Sources: Existing Violations Tables (Exhibits E.2, E.3, and E.4).

Notes: Detail may not add to totals due to rounding.

Annual average violations represent total from all years divided by the period covered by this ICR (i.e., sum of violations for years 1 to 3/3 years).

**Exhibit 6  
Derivation of GWR Violation Estimates**

System Category	Population Served	Total Systems A	Tier 1	Tier 2		Tier 3		Number of Systems with Tier 3 Violations G
			Triggered Source Water Monitoring Sample is Positive B	Failure to Take Corrective Action C	Failure to Maintain 4-Log Treatment of Viruses D	Triggered Source Water Monitoring E	Monitoring to Demonstrate Compliance with 4-Log Treatment Requirement F	
CWS	<500	26,254	2,779	6	424	167	324	14
	501-3,300	10,426	1,303	2	168	66	129	6
	3,301-10k	3,039	650	1	49	19	37	2
	10,001-100k	1,712	941	0	28	11	21	1
	>100k	119	153	0	2	1	1	0
<b>Subtotal</b>		<b>41,549</b>	<b>5,826</b>	<b>10</b>	<b>671</b>	<b>264</b>	<b>513</b>	<b>23</b>
NTNCWS	<500	15,539	1,171	4	251	99	192	9
	501-3,300	2,506	229	1	40	16	31	1
	3,301-10k	100	14	0	2	1	1	0
	10,001-100k	15	2	0	0	0	0	0
	>100k	-	-	0	0	-	-	-
<b>Subtotal</b>		<b>18,160</b>	<b>1,416</b>	<b>4</b>	<b>293</b>	<b>116</b>	<b>224</b>	<b>10</b>
TNCWS	<500	80,160	8,589	19	1,294	510	989	44
	501-3,300	2,613	294	1	42	17	32	1
	3,301-10k	80	13	0	1	1	1	0
	10,001-100k	12	2	0	0	0	0	0
	>100k	1	0	0	0	0	0	0
<b>Subtotal</b>		<b>82,866</b>	<b>8,898</b>	<b>20</b>	<b>1,338</b>	<b>527</b>	<b>1,022</b>	<b>46</b>
<b>Total for All Systems</b>		<b>142,575</b>	<b>16,140</b>	<b>34</b>	<b>2,302</b>	<b>907</b>	<b>1,759</b>	<b>79</b>

Sources: (A) Ground water system inventories for CWSs, NTNCWSs, and TNCWSs: SDWIS FY 2007 October.

(B) Microbial Rules ICR, Exhibit G.3 (Ground Water Rule ICR model) (entry points).

(C) Assumes 2 percent of systems required to conduct corrective action (because of significant deficiencies or positive source water samples) will fail to do so. Based on Exhibit G.12 of the Microbial Rules ICR (Ground Water Rule ICR model), which assumes 1,702 systems will take corrective action per year.

(D) Based on Exhibit G.12 of the Microbial Rule ICR (Ground Water Rule ICR model), which assumes an average of 2,302 systems will have a disinfection failure during years 4-6 following promulgation.

(E) Assumes 1 percent monitoring violation rate. Based on Exhibit G.11 of the Microbial Rules ICR (Ground Water Rule ICR model), which assumes 90,747 source water monitoring samples per year.

(F) Assumes 1 percent monitoring violation rate. Based on Exhibit G.11 of the Microbial Rules ICR (Ground Water Rule ICR model), which assumes 175,873 compliance monitoring samples per year.

(G) Assumes 1 percent of systems will have monitoring violations. Based on Exhibit G.12 of the Microbial Rules ICR (Ground Water Rule ICR model), which assumes an average of 7,860 systems conducting monitoring per year.

**Exhibit 7**  
**PN RULE ANNUAL ESTIMATED RESPONDENT BURDEN & COST (PWS BURDEN) - PREPARATION OF NOTICES**

INFORMATION COLLECTION ACTIVITY	Labor Hours @ \$30.72 per hour	Capital/Startup Costs per Activity	O&M Costs per Activity	Number of Responses or Activities	Total Hours per Year	Labor Costs per Year	Capital/SU/O&M Costs per Year
<b>Preparation of Notice</b>							
<b>TIER 1 - Preparation</b>							
	A	B	C	D	E=A*D	F=\$30.72*E	G
<b>CWS</b>							
Systems serving <500	8.5	\$ -	\$ -	3,387	28,787	\$ 884,263	\$ -
Systems serving 501 - 3,300	8.5	\$ -	\$ -	1,446	12,292	\$ 377,566	\$ -
Systems serving 3,301 - 10,000	8.5	\$ -	\$ -	668	5,682	\$ 174,525	\$ -
Systems serving 10,001 - 100,000	10.0	\$ -	\$ -	964	9,638	\$ 296,058	\$ -
Systems serving over 100,000	10.0	\$ -	\$ -	159	1,589	\$ 48,819	\$ -
<b>NTNCWS</b>							
Systems serving <500	8.5	\$ -	\$ -	1,397	11,875	\$ 364,778	\$ -
Systems serving 501 - 3,300	8.5	\$ -	\$ -	263	2,236	\$ 68,673	\$ -
Systems serving 3,301 - 10,000	8.5	\$ -	\$ -	15	127	\$ 3,895	\$ -
Systems serving 10,001 - 100,000	10.0	\$ -	\$ -	2	24	\$ 750	\$ -
Systems serving over 100,000	10.0	\$ -	\$ -	-	-	\$ -	\$ -
<b>TNCWS</b>							
Systems serving <500	8.5	\$ -	\$ -	9,640	81,936	\$ 2,516,850	\$ -
Systems serving 501 - 3,300	8.5	\$ -	\$ -	328	2,789	\$ 85,679	\$ -
Systems serving 3,301 - 10,000	8.5	\$ -	\$ -	17	142	\$ 4,352	\$ -
Systems serving 10,001 - 100,000	10.0	\$ -	\$ -	2	21	\$ 658	\$ -
Systems serving over 100,000	10.0	\$ -	\$ -	0	2	\$ 55	\$ -
<b>TIER 2 - Preparation</b>							
<b>CWS</b>							
Systems serving <500	3.5	\$ -	\$ -	8,690	30,413	\$ 934,218	\$ -
Systems serving 501 - 3,300	3.5	\$ -	\$ -	4,198	14,694	\$ 451,353	\$ -
Systems serving 3,301 - 10,000	3.5	\$ -	\$ -	1,379	4,826	\$ 148,249	\$ -
Systems serving 10,001 - 100,000	3.5	\$ -	\$ -	1,119	3,916	\$ 120,294	\$ -
Systems serving over 100,000	3.5	\$ -	\$ -	58	204	\$ 6,263	\$ -
<b>NTNCWS</b>							
Systems serving <500	3.5	\$ -	\$ -	3,841	13,443	\$ 412,924	\$ -
Systems serving 501 - 3,300	3.5	\$ -	\$ -	544	1,905	\$ 58,524	\$ -
Systems serving 3,301 - 10,000	3.5	\$ -	\$ -	32	110	\$ 3,390	\$ -
Systems serving 10,001 - 100,000	3.5	\$ -	\$ -	6	22	\$ 678	\$ -
Systems serving over 100,000	3.5	\$ -	\$ -	-	-	\$ -	\$ -
<b>TNCWS</b>							
Systems serving <500	3.5	\$ -	\$ -	7,397	25,889	\$ 795,227	\$ -
Systems serving 501 - 3,300	3.5	\$ -	\$ -	300	1,051	\$ 32,275	\$ -
Systems serving 3,301 - 10,000	3.5	\$ -	\$ -	12	41	\$ 1,251	\$ -
Systems serving 10,001 - 100,000	3.5	\$ -	\$ -	0	1	\$ 28	\$ -
Systems serving over 100,000	3.5	\$ -	\$ -	0	0	\$ 2	\$ -
<b>TIER 3 - Preparation</b>							
<b>CWS</b>							
Systems serving <500	1.0	\$ -	\$ -	12,673	12,673	\$ 389,295	\$ -
Systems serving 501 - 3,300	1.0	\$ -	\$ -	3,929	3,929	\$ 120,680	\$ -
Systems serving 3,301 - 10,000	1.0	\$ -	\$ -	1,129	1,129	\$ 34,670	\$ -
Systems serving 10,001 - 100,000	1.0	\$ -	\$ -	802	802	\$ 24,634	\$ -
Systems serving over 100,000	1.0	\$ -	\$ -	92	92	\$ 2,828	\$ -
<b>NTNCWS</b>							
Systems serving <500	3.5	\$ -	\$ -	5,858	20,501	\$ 629,750	\$ -
Systems serving 501 - 3,300	3.5	\$ -	\$ -	927	3,246	\$ 99,703	\$ -
Systems serving 3,301 - 10,000	3.5	\$ -	\$ -	48	168	\$ 5,166	\$ -
Systems serving 10,001 - 100,000	3.5	\$ -	\$ -	13	46	\$ 1,399	\$ -
Systems serving over 100,000	3.5	\$ -	\$ -	-	-	\$ -	\$ -
<b>TNCWS</b>							
Systems serving <500	3.5	\$ -	\$ -	18,971	66,399	\$ 2,039,601	\$ -
Systems serving 501 - 3,300	3.5	\$ -	\$ -	623	2,182	\$ 67,026	\$ -
Systems serving 3,301 - 10,000	3.5	\$ -	\$ -	22	77	\$ 2,370	\$ -
Systems serving 10,001 - 100,000	3.5	\$ -	\$ -	1	4	\$ 108	\$ -
Systems serving over 100,000	3.5	\$ -	\$ -	0	0	\$ 0	\$ -
<b>TOTAL - Preparation</b>							
<b>Total CWS</b>							
Systems serving <500				24,750	71,874	\$ 2,207,775	\$ -
Systems serving 501 - 3,300				9,573	30,914	\$ 949,599	\$ -
Systems serving 3,301 - 10,000				3,176	11,637	\$ 357,444	\$ -
Systems serving 10,001 - 100,000				2,885	14,356	\$ 440,986	\$ -
Systems serving over 100,000				309	1,885	\$ 57,910	\$ -
<b>TOTAL</b>				<b>40,693</b>	<b>130,666</b>	<b>\$ 4,013,714</b>	<b>\$ -</b>
<b>Total NTNCWS</b>							
Systems serving <500				11,095	45,820	\$ 1,407,452	\$ -
Systems serving 501 - 3,300				1,735	7,387	\$ 226,900	\$ -
Systems serving 3,301 - 10,000				95	405	\$ 12,452	\$ -
Systems serving 10,001 - 100,000				22	92	\$ 2,827	\$ -
Systems serving over 100,000				-	-	\$ -	\$ -
<b>TOTAL</b>				<b>12,946</b>	<b>53,704</b>	<b>\$ 1,649,630</b>	<b>\$ -</b>
<b>Total TNCWS</b>							
Systems serving <500				36,007	174,224	\$ 5,351,678	\$ -
Systems serving 501 - 3,300				1,252	6,022	\$ 184,980	\$ -
Systems serving 3,301 - 10,000				50	260	\$ 7,973	\$ -
Systems serving 10,001 - 100,000				3	26	\$ 794	\$ -
Systems serving over 100,000				0	2	\$ 57	\$ -
<b>TOTAL</b>				<b>37,313</b>	<b>180,533</b>	<b>\$ 5,545,482</b>	<b>\$ -</b>
<b>TOTAL</b>				<b>90,952</b>	<b>364,903</b>	<b>\$ 11,208,827</b>	<b>\$ -</b>

Note: Detail may not add to totals due to rounding.  
Tier 3 response rate uses number of systems in violation.

**Exhibit 8**  
**PN RULE ANNUAL ESTIMATED RESPONDENT BURDEN & COST (PWS BURDEN) - DISTRIBUTION OF NOTICES**

INFORMATION COLLECTION ACTIVITY	Labor Hours @ \$30.72 per hour	Capital/Startup Costs per Activity	Avg. O&M Costs per Activity	Service Connections per System	Number of Responses or Activities	Total Hours per Year	Labor Costs per Year	Capital/SU/O&M Costs per Year
<b>Distribution of Notice</b>								
<b>TIER 1 - Distribution</b>								
	A	B	C	D	E	F=A*E	G=\$30.72*F	H=C*D*E
<b>CWS</b>								
Systems serving <500 (Posting and hand delivery)	12	\$ -	\$ 0.05	111	3,387	40,641	\$ 1,248,371	\$ 20,324
Systems serving 501 - 3,300 (Mass Media)	12	\$ -	\$ -	529	1,446	17,353	\$ 533,034	\$ -
Systems serving 3,301 - 10,000 (Mass Media)	12	\$ -	\$ -	2,038	668	8,021	\$ 246,388	\$ -
Systems serving 10,001 - 100,000 (Mass Media)	12	\$ -	\$ -	9,258	964	11,566	\$ 355,270	\$ -
Systems serving over 100,000 (Mass Media)	12	\$ -	\$ -	87,991	159	1,907	\$ 58,582	\$ -
<b>NTNCWS</b>								
Systems serving <500 (Posting and hand delivery)	12	\$ -	\$ 0.05	8	1,397	16,765	\$ 514,981	\$ 599
Systems serving 501 - 3,300 (Posting and mass media)	12	\$ -	\$ -	20	263	3,156	\$ 96,950	\$ -
Systems serving 3,301 - 10,000 (Posting and mass media)	12	\$ -	\$ -	109	15	179	\$ 5,499	\$ -
Systems serving 10,001 - 100,000 (Posting and mass media)	12	\$ -	\$ -	149	2	29	\$ 900	\$ -
Systems serving over 100,000 (Posting and mass media)	12	\$ -	\$ -	2,181	0	0	\$ -	\$ -
<b>TNCWS</b>								
Systems serving <500 (Posting and hand delivery)	12	\$ -	\$ 0.05	8	9,640	115,674	\$ 3,553,200	\$ 4,094
Systems serving 501 - 3,300 (Posting and mass media)	12	\$ -	\$ -	34	328	3,938	\$ 120,958	\$ -
Systems serving 3,301 - 10,000 (Posting and mass media)	12	\$ -	\$ -	47	17	200	\$ 6,144	\$ -
Systems serving 10,001 - 100,000 (Posting and mass media)	12	\$ -	\$ -	538	2	26	\$ 790	\$ -
Systems serving over 100,000 (Posting and mass media)	12	\$ -	\$ -	2	0	2	\$ 66	\$ -
<b>TIER 2 - Distribution</b>								
<b>CWS</b>								
Systems serving <500 (Posting and hand delivery)	9	\$ -	\$ 0.05	111	8,690	78,206	\$ 2,402,274	\$ 52,148
Systems serving 501 - 3,300 (Mail or Bill Stuffer)	30	\$ -	\$ 0.26	529	4,198	125,947	\$ 3,868,737	\$ 565,869
Systems serving 3,301 - 10,000 (Mail or Bill Stuffer)	30	\$ -	\$ 0.26	2,038	1,379	41,368	\$ 1,270,709	\$ 742,371
Systems serving 10,001 - 100,000 (Mail or Bill Stuffer)	30	\$ -	\$ 0.23	9,258	1,119	33,567	\$ 1,031,095	\$ 2,424,944
Systems serving over 100,000 (Mail or Bill Stuffer)	30	\$ -	\$ 0.23	87,991	58	1,748	\$ 53,686	\$ 1,199,953
<b>NTNCWS</b>								
Systems serving <500 (Posting and hand delivery)	9	\$ -	\$ 0.05	8	3,841	34,567	\$ 1,061,804	\$ 1,646
Systems serving 501 - 3,300 (Posting and hand delivery)	9	\$ -	\$ 0.05	20	544	4,899	\$ 150,489	\$ 601
Systems serving 3,301 - 10,000 (Posting and hand delivery)	9	\$ -	\$ 0.05	109	32	284	\$ 8,717	\$ 187
Systems serving 10,001 - 100,000 (Posting and hand delivery)	9	\$ -	\$ 0.02	149	6	57	\$ 1,744	\$ 23
Systems serving over 100,000 (Posting and hand delivery)	9	\$ -	\$ 0.02	2,181	0	0	\$ -	\$ -
<b>TNCWS</b>								
Systems serving <500 (Posting and hand delivery)	9	\$ -	\$ 0.05	8	7,397	66,571	\$ 2,044,869	\$ 3,141
Systems serving 501 - 3,300 (Posting and hand delivery)	9	\$ -	\$ 0.05	34	300	2,702	\$ 82,994	\$ 551
Systems serving 3,301 - 10,000 (Posting and hand delivery)	9	\$ -	\$ 0.05	47	12	105	\$ 3,217	\$ 30
Systems serving 10,001 - 100,000 (Posting and hand delivery)	9	\$ -	\$ 0.02	538	0	2	\$ 71	\$ 3
Systems serving over 100,000 (Posting and hand delivery)	9	\$ -	\$ 0.02	2	0	0	\$ 5	\$ 0
<b>TIER 3 - Distribution</b>								
<b>CWS</b>								
Systems serving <500 (Posting and Hand delivery)	9	\$ -	\$ 0.05	111	12,673	114,061	\$ 3,503,651	\$ 76,056
Systems serving 501 - 3,300 (CCR and mail)	5	\$ -	\$ 0.13	529	3,929	19,644	\$ 603,402	\$ 274,309
Systems serving 3,301 - 10,000 (CCR and mail)	5	\$ -	\$ 0.13	2,038	1,129	5,643	\$ 173,349	\$ 303,821
Systems serving 10,001 - 100,000 (CCR)	0	\$ -	\$ -	9,258	802	0	\$ -	\$ -
Systems serving over 100,000 (CCR)	0	\$ -	\$ -	87,991	92	0	\$ -	\$ -
<b>NTNCWS</b>								
Systems serving <500 (Posting and hand delivery)	9	\$ -	\$ 0.05	8	5,858	52,718	\$ 1,619,356	\$ 2,511
Systems serving 501 - 3,300 (Posting and hand delivery)	9	\$ -	\$ 0.05	20	927	8,346	\$ 256,380	\$ 1,023
Systems serving 3,301 - 10,000 (Posting and hand delivery)	9	\$ -	\$ 0.05	109	48	432	\$ 13,285	\$ 285
Systems serving 10,001 - 100,000 (Posting and hand delivery)	9	\$ -	\$ 0.02	149	13	117	\$ 3,596	\$ 47
Systems serving over 100,000 (Posting and hand delivery)	9	\$ -	\$ 0.02	2,181	0	0	\$ -	\$ -
<b>TNCWS</b>								
Systems serving <500 (Posting and hand delivery)	9	\$ -	\$ 0.05	8	18,971	170,741	\$ 5,244,689	\$ 8,057
Systems serving 501 - 3,300 (Posting and hand delivery)	9	\$ -	\$ 0.05	34	623	5,611	\$ 172,354	\$ 1,144
Systems serving 3,301 - 10,000 (Posting and hand delivery)	9	\$ -	\$ 0.05	47	22	198	\$ 6,094	\$ 56
Systems serving 10,001 - 100,000 (Posting and hand delivery)	9	\$ -	\$ 0.02	538	1	9	\$ 278	\$ 13
Systems serving over 100,000 (Posting and hand delivery)	9	\$ -	\$ 0.02	2	0	0	\$ 0	\$ 0
<b>TOTAL - Distribution</b>								
<b>Total CWS</b>								
Systems serving <500					24,750	232,908	\$ 7,154,296	\$ 148,528
Systems serving 501 - 3,300					9,573	162,943	\$ 5,005,173	\$ 840,178
Systems serving 3,301 - 10,000					3,176	55,032	\$ 1,690,446	\$ 1,046,192
Systems serving 10,001 - 100,000					2,885	45,133	\$ 1,386,365	\$ 2,424,944
Systems serving over 100,000					309	3,655	\$ 112,268	\$ 1,199,953
<b>TOTAL</b>					<b>40,693</b>	<b>499,672</b>	<b>\$ 15,348,548</b>	<b>\$ 5,659,795</b>
<b>Total NTNCWS</b>								
Systems serving <500					11,095	104,050	\$ 3,196,141	\$ 4,756
Systems serving 501 - 3,300					1,735	16,402	\$ 503,820	\$ 1,624
Systems serving 3,301 - 10,000					95	895	\$ 27,502	\$ 472
Systems serving 10,001 - 100,000					22	203	\$ 6,240	\$ 70
Systems serving over 100,000					0	0	\$ -	\$ -
<b>TOTAL</b>					<b>12,946</b>	<b>121,551</b>	<b>\$ 3,733,703</b>	<b>\$ 6,921</b>
<b>Total TNCWS</b>								
Systems serving <500					36,007	352,986	\$ 10,842,758	\$ 15,292
Systems serving 501 - 3,300					1,252	12,251	\$ 376,305	\$ 1,695
Systems serving 3,301 - 10,000					50	503	\$ 15,455	\$ 85
Systems serving 10,001 - 100,000					3	37	\$ 1,139	\$ 16
Systems serving over 100,000					0	2	\$ 71	\$ -
<b>TOTAL</b>					<b>37,313</b>	<b>365,779</b>	<b>\$ 11,235,728</b>	<b>\$ 17,088</b>
<b>TOTAL</b>					<b>90,952</b>	<b>987,001</b>	<b>\$ 30,317,979</b>	<b>\$ 5,683,805</b>

Note: Detail may not add to totals due to rounding.  
Tier 3 response rate uses number of systems in violation.

**Exhibit 9**  
**PN RULE ANNUAL ESTIMATED RESPONDENT BURDEN & COST (PWS BURDEN) - PREPARATION AND DISTRIBUTION OF REPEAT NOTICES**

INFORMATION COLLECTION ACTIVITY	Labor Hours @ \$30.72 per hour	Capital/Startup Costs per Activity	Avg. O&M Costs per Activity	Service Connections per System	Number of Responses or Activities	Total Hours per Year	Labor Costs per Year	Capital/SU/O&M Costs per Year
<b>DEVELOPMENT AND DISTRIBUTION OF REPEAT PUBLIC NOTIFICATION</b>								
<b>Preparation of Repeat Notice</b>								
<b>TIER 1 - Preparation</b>								
	A	B	C	D	E	F=A*E	G=\$30.72*F	H
<b>CWS - Nitrates</b>								
Systems serving <500	0.33	\$ -	\$ -	N/A	866	289	\$ 8,867	\$ -
Systems serving 501 - 3,300	0.33	\$ -	\$ -	N/A	117	39	\$ 1,198	\$ -
Systems serving 3,301 - 10,000	0.33	\$ -	\$ -	N/A	6	2	\$ 61	\$ -
Systems serving 10,001 - 100,000	0.33	\$ -	\$ -	N/A	6	2	\$ 61	\$ -
Systems serving over 100,000	0.33	\$ -	\$ -	N/A	0	0	\$ -	\$ -
<b>TIER 2 - Preparation</b>								
<b>CWS - Coliform</b>								
Systems serving <500	0.33	\$ -	\$ -	N/A	732	244	\$ 7,493	\$ -
Systems serving 501 - 3,300	0.33	\$ -	\$ -	N/A	-	-	\$ -	\$ -
Systems serving 3,301 - 10,000	0.33	\$ -	\$ -	N/A	-	-	\$ -	\$ -
Systems serving 10,001 - 100,000	0.33	\$ -	\$ -	N/A	-	-	\$ -	\$ -
Systems serving over 100,000	0.33	\$ -	\$ -	N/A	-	-	\$ -	\$ -
<b>CWS - MCL, not NO<sub>3</sub> or Coliform</b>								
Systems serving <500	0.33	\$ -	\$ -	N/A	1,312	437	\$ 13,434	\$ -
Systems serving 501 - 3,300	0.33	\$ -	\$ -	N/A	848	283	\$ 8,679	\$ -
Systems serving 3,301 - 10,000	0.33	\$ -	\$ -	N/A	258	86	\$ 2,638	\$ -
Systems serving 10,001 - 100,000	0.33	\$ -	\$ -	N/A	182	61	\$ 1,859	\$ -
Systems serving over 100,000	0.33	\$ -	\$ -	N/A	4	1	\$ 41	\$ -
<b>TOTAL - Preparation of Repeat Notice</b>								
<b>Total CWS</b>								
Systems serving <500					2,910	970	\$ 29,794	\$ -
Systems serving 501 - 3,300					965	322	\$ 9,877	\$ -
Systems serving 3,301 - 10,000					264	88	\$ 2,699	\$ -
Systems serving 10,001 - 100,000					188	63	\$ 1,921	\$ -
Systems serving over 100,000					4	1	\$ 41	\$ -
<b>TOTAL</b>					<b>4,330</b>	<b>1,443</b>	<b>\$ 44,331</b>	<b>\$ -</b>
<b>Distribution of Repeat Notice</b>								
<b>TIER 1 - Distribution</b>								
<b>CWS - Nitrate</b>								
Systems serving <500 (Posting and hand delivery)	12	\$ -	\$ 0.05	111	866	10,392	\$ 319,214	\$ 5,197
Systems serving 501 - 3,300 (Mass Media)	12	\$ -	\$ -	529	117	1,404	\$ 43,127	\$ -
Systems serving 3,301 - 10,000 (Mass Media)	12	\$ -	\$ -	2,038	6	72	\$ 2,212	\$ -
Systems serving 10,001 - 100,000 (Mass Media)	12	\$ -	\$ -	9,258	6	72	\$ 2,212	\$ -
Systems serving over 100,000 (Mass Media)	12	\$ -	\$ -	87,991	0	0	\$ -	\$ -
<b>TIER 2 - Distribution</b>								
<b>CWS - Coliform</b>								
Systems serving <500 (Posting and hand delivery)	9	\$ -	\$ 0.05	111	732	6,586	\$ 202,310	\$ 4,392
Systems serving 501 - 3,300 (Mail or Bill Stuffer)	30	\$ -	\$ 0.26	529	-	-	\$ -	\$ -
Systems serving 3,301 - 10,000 (Mail or Bill Stuffer)	30	\$ -	\$ 0.26	2,038	-	-	\$ -	\$ -
Systems serving 10,001 - 100,000 (Mail or Bill Stuffer)	30	\$ -	\$ 0.23	9,258	-	-	\$ -	\$ -
Systems serving over 100,000 (Mail or Bill Stuffer)	30	\$ -	\$ 0.23	87,991	-	-	\$ -	\$ -
<b>CWS - MCL, not Coliform</b>								
Systems serving <500 (Posting and hand delivery)	9	\$ -	\$ 0.05	111	1,312	11,808	\$ 362,710	\$ 7,874
Systems serving 501 - 3,300 (Mail or Bill Stuffer)	30	\$ -	\$ 0.26	529	848	25,428	\$ 781,079	\$ 114,246
Systems serving 3,301 - 10,000 (Mail or Bill Stuffer)	30	\$ -	\$ 0.26	2,038	258	7,728	\$ 237,383	\$ 138,684
Systems serving 10,001 - 100,000 (Mail or Bill Stuffer)	30	\$ -	\$ 0.23	9,258	182	5,448	\$ 167,348	\$ 393,571
Systems serving over 100,000 (Mail or Bill Stuffer)	30	\$ -	\$ 0.23	87,991	4	120	\$ 3,686	\$ 82,389
<b>TOTAL - Distribution of Repeat Notice</b>								
<b>Total CWS</b>								
Systems serving <500					2,910	28,786	\$ 884,234	\$ 17,462
Systems serving 501 - 3,300					965	26,832	\$ 824,206	\$ 114,246
Systems serving 3,301 - 10,000					264	7,800	\$ 239,595	\$ 138,684
Systems serving 10,001 - 100,000					188	5,520	\$ 169,559	\$ 393,571
Systems serving over 100,000					4	120	\$ 3,686	\$ 82,389
<b>TOTAL</b>					<b>4,330</b>	<b>69,058</b>	<b>\$ 2,121,280</b>	<b>\$ 746,351</b>
<b>Preparation and Distribution of Repeat Notice</b>								
<b>Total CWS</b>								
Systems serving <500					5,820	29,756	\$ 914,027	\$ 17,462
Systems serving 501 - 3,300					1,929	27,154	\$ 834,082	\$ 114,246
Systems serving 3,301 - 10,000					527	7,888	\$ 242,294	\$ 138,684
Systems serving 10,001 - 100,000					375	5,583	\$ 171,480	\$ 393,571
Systems serving over 100,000					8	121	\$ 3,727	\$ 82,389
<b>TOTAL</b>					<b>8,659</b>	<b>70,501</b>	<b>\$ 2,165,611</b>	<b>\$ 746,351</b>

Note: Detail may not add to totals due to rounding.

**Exhibit 10**

**PN RULE ANNUAL ESTIMATED RESPONDENT BURDEN & COST (PWS BURDEN) - TOTAL BURDEN SUMMARY**

<b>INFORMATION COLLECTION ACTIVITY</b>	<b>Number of Responses or Activities</b>	<b>Total Hours per Year</b>	<b>Labor Costs per Year</b>	<b>Capital/SU/ O&amp;M Costs per Year</b>
<b>TOTAL BURDEN SUMMARY</b>				
<b>Total CWS</b>				
Systems serving <500	55,319	334,538	\$ 10,276,098	\$ 165,990
Systems serving 501 - 3,300	20,111	221,011	\$ 6,788,855	\$ 954,424
Systems serving 3,301 - 10,000	6,616	74,557	\$ 2,290,183	\$ 1,184,876
Systems serving 10,001 - 100,000	5,957	65,072	\$ 1,998,831	\$ 2,818,514
Systems serving over 100,000	623	5,661	\$ 173,906	\$ 1,282,342
<b>TOTAL</b>	<b>88,625</b>	<b>700,839</b>	<b>\$ 21,527,873</b>	<b>\$ 6,406,146</b>
<b>Total NTNCWS</b>				
Systems serving <500	22,191	149,870	\$ 4,603,593	\$ 4,756
Systems serving 501 - 3,300	3,470	23,789	\$ 730,720	\$ 1,624
Systems serving 3,301 - 10,000	189	1,301	\$ 39,953	\$ 472
Systems serving 10,001 - 100,000	44	295	\$ 9,067	\$ 70
Systems serving over 100,000	0	0	\$ -	\$ -
<b>TOTAL</b>	<b>25,893</b>	<b>175,254</b>	<b>\$ 5,383,333</b>	<b>\$ 6,921</b>
<b>Total TNCWS</b>				
Systems serving <500	72,015	527,209	\$ 16,194,435	\$ 15,292
Systems serving 501 - 3,300	2,504	18,273	\$ 561,286	\$ 1,695
Systems serving 3,301 - 10,000	101	763	\$ 23,429	\$ 85
Systems serving 10,001 - 100,000	7	63	\$ 1,933	\$ 16
Systems serving over 100,000	0	4	\$ 128	\$ -
<b>TOTAL</b>	<b>74,626</b>	<b>546,312</b>	<b>\$ 16,781,211</b>	<b>\$ 17,088</b>
<b>TOTAL</b>	<b>189,144</b>	<b>1,422,405</b>	<b>\$ 43,692,417</b>	<b>\$ 6,430,156</b>

Note: Detail may not add to totals due to rounding.



**Exhibit 11**

**PN RULE ANNUAL ESTIMATED PRIMACY AGENCY BURDEN & COST - TOTAL BURDEN SUMMARY**

<b>INFORMATION COLLECTION ACTIVITY</b>	<b>Labor Hours @ \$42.80 per hour</b>	<b>Capital/ Startup Costs per Activity</b>	<b>Avg. O&amp;M Costs per Activity</b>	<b>Number of Responses or Activities</b>	<b>Total Hours per Year</b>	<b>Labor Costs per Year</b>	<b>Capital/SU/ O&amp;M Costs per Year</b>
<b>TOTAL BURDEN SUMMARY</b>							
<b>Total Primacy Agencies</b>							
Consultation: Tier 1	3.0	\$ -	\$ -	18,288	54,864	\$ 2,348,146	\$ -
Consultation: Tier 2	1.1	\$ -	\$ -	27,576	30,333	\$ 1,298,237	\$ -
Consultation: Tier 3	0.1	\$ -	\$ -	112,084	11,208	\$ 479,710	\$ -
Receive/Review PN Certification	0.2	\$ -	\$ -	157,948	31,590	\$ 1,352,006	\$ -
File Reports	0.1	\$ -	\$ -	157,948	15,795	\$ 676,003	\$ -
<b>TOTAL</b>				<b>473,844</b>	<b>143,790</b>	<b>\$ 6,154,101</b>	<b>\$ -</b>

Source: Burden estimate carried forward from previous ICR.

Note: Detail may not add to totals due to rounding.

**Exhibit 12**  
**Public Notification Rule - Summary of Original and Revised Burden Estimates**

<b>No consultation comments were received on Public Notification burden estimates</b>
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## Appendix G

### Operator Certification Spreadsheets



**Exhibit 1**  
**Number of Public Water Systems by System Type and Size Category**  
 [Source: SDWIS/FED Data from October 2007]

	Community Water Systems (CWSs)						Nontransient Noncommunity Water Systems (NTNCWSs)						Transient Noncommunity Water Systems (TNCWSs)						
	500 &	501-	3,301-	10,001-	Over		500 &	501-	3,301-	10,001-	Over		500 &	501-	3,301-	10,001-	Over		
	Under	3,300	10,000	50,000	50,000	Total	Under	3,300	10,000	50,000	50,000	Total	Under	3,300	10,000	50,000	50,000	Total	
National																			
Total	29,282	13,906	4,822	3,175	925	52,110	16,034	2,662	120	21	2	18,839	81,873	2,751	102	12	6	84,744	

## Exhibit 2

### STATE WORKLOAD ASSUMPTIONS FOR OPERATOR CERTIFICATION

<b>Operator Certification Program</b>					
Time per State					
	Percent of States	in hours	in FTEs*	Total FTEs	FTEs per State
<b>Annual Burden</b>					
<b>Submittal to EPA</b>	100%	16	0.008	0.44	0.008
Report on status of implementation	100%	16	0.008		
Document any changes to the program	0%	0	0.000		
AGs certification	0%	0	0.000		
<b>Expense Reimbursement Grants Program</b>					
Time per State					
	Percent of States	in hours	in FTEs*	Total FTEs	FTEs per State
<b>Annual Burden</b>					
<b>Submittal to EPA (i.e., progress report)</b>		560	0.269	10.25	0.18
Amend workplan/describe proposed uses of next allotment (A)	20%	32	0.015	0.18	
Document actual uses of previous FY's allotment (B)	46%	8	0.004	0.10	
Administer grant (C)	70%	520	0.250	9.98	

\*Number of hours in 1 FTE

2,080 hours per year

Percentages of states completing tasks was revised based on "Operator Certification Expense Reimbursement Grants Program: Compendium of State Activities" May 2008.

(A) 17 of 57 states have used their grant allotments, and most other states already have grants in place. Assumes 20% of states may seek changes or extensions to their existing grants.

(B) Assumes 26 of 57 states will have exhausted their grant allotments by the end of the first year of this ICR period.

(C) 17 of 57 states have completed administering grants as of September 2008.

Exhibit 3

ASSUMPTIONS FOR OPERATOR CERTIFICATION BURDEN PER SYSTEM

System Activities	Systems Serving ≤3,300					Systems Serving >3,301					Total Burden		Avg Burden/System	
	Time per Operator (hours)	Number of Operators	Total FTEs	Other Costs (per operator)	Total Cost	Time per System (hours)	Number of Operators	Total FTEs	Other Costs (per operator)	Total Cost	Total FTEs	Total Cost	FTEs	Cost
<b>Annual burden</b>														
Maintain/renew certification														
Paid	4.00	8,082	15.54	\$25	\$992,979.37	4.00	6,043	11.62	\$100	\$742,539	27.16	\$1,735,518	0.00	\$24
Unpaid	4.00	5,796	11.15	n/a	\$0.00						11.15	\$0	0.00	\$0
<b>Subtotal</b>	<b>n/a</b>	<b>13,877</b>	<b>26.69</b>	<b>\$25</b>	<b>\$992,979</b>	<b>4.00</b>	<b>6,043</b>	<b>11.62</b>	<b>\$100</b>	<b>\$742,539</b>	<b>38.31</b>	<b>\$1,735,518</b>	<b>0.00</b>	<b>\$24</b>
Roundtrip Travel (@ \$0.51/mile)	n/a	0	n/a	\$204	\$0	n/a	0	n/a	\$255	\$0		\$0	n/a	\$0
Lodging & Meals (paid only)	n/a	0	n/a	\$400	\$0	n/a	0	n/a	\$500	\$0		\$0	n/a	\$0
Fees (renewal)	n/a	3,469	n/a	\$100	\$346,932	n/a	6,043	n/a	\$100	\$604,333		\$951,266	n/a	\$13
Cost of Course	n/a	0	n/a	\$600	\$0	n/a	0	n/a	\$600	\$0		\$0	n/a	\$0
					<b>\$346,932</b>					<b>\$604,333</b>		<b>\$951,266</b>		<b>\$13</b>
<b>Subtotal for all 2 activities</b>			<b>26.69</b>		<b>\$1,339,912</b>			<b>11.62</b>		<b>\$1,346,872</b>	<b>38.31</b>	<b>\$2,686,784</b>	<b>0.00</b>	<b>\$38</b>
Circuit Rider	0.00	562	0.00	n/a	\$0						0.00	\$0	0.00	\$0
<b>Annual Burden Subtotal</b>			<b>26.69</b>		<b>\$1,339,912</b>			<b>11.62</b>		<b>\$1,346,872</b>	<b>38.31</b>	<b>\$2,686,784</b>		

**Exhibit 4**

**Inputs for Operator Certification and Expense Reimbursement Grants Program**

<b>General Modeling Assumptions</b>	<b>Values</b>
Total number of PWS	155,693 systems
Number of PWS ≤ 3,300	146,508 systems
Number of PWS > 3,300	9,185 systems
Total number of CWS/NTNCWS	70,949 systems
Number of CWS/NTNCWS ≤ 3,300	61,884 systems
Number of CWS/NTNCWS > 3,300	9,065 systems
Avg hourly rate ≤ 3,300 (including benefits & overhead)	\$30.72 per hour
Avg hourly rate > 3,300 (including benefits & overhead)	\$30.72 per hour
Avg annual salary ≤ 3,300 (including benefits & overhead)	\$63,892 per year
Avg annual salary > 3,300 (including benefits & overhead)	\$63,892 per year
Avg hourly rate State employee (including benefits & overhead)	\$42.80 per hour
Avg annual salary State employee (including benefits & overhead)	\$89,022 per year
Number of hours in 1 FTE	2,080 hours per year
Number of FTE hours/day	8 hours per day
Number of systems per circuit rider	9 systems
Number of hours per system per year (circuit riders)	225 hours



**Exhibit 5**

**Average Annual Burden and Cost to States for the Operator Certification and Expense Reimbursement Grants Program**

Line Item FTE Activities	Annual FTE Estimates			Total Estimated Burden			Average Annual Estimate		
	October 2008 - September 2009	October 2009 - September 2010	October 2010 - September 2011	FTEs	Hours	Dollars	FTEs	Hours	Dollars
<b>Operator Certification</b>									
<b>Annual Burden</b>									
11 Submittal to EPA	0.44	0.44	0.44	1.32	2,736	\$117,098	0.44	912	\$39,033
<i>Annual Burden Subtotal</i>	<i>0.44</i>	<i>0.44</i>	<i>0.44</i>	<i>1.32</i>	<i>2,736</i>	<i>\$117,098</i>	<i>0.44</i>	<i>912</i>	<i>\$39,033</i>
<b>Operator Certification Subtotal</b>	<b>0.44</b>	<b>0.44</b>	<b>0.44</b>	<b>1.32</b>	<b>2,736</b>	<b>\$117,098</b>	<b>0.44</b>	<b>912</b>	<b>\$39,033</b>
<b>Expense Reimbursement Grants Program</b>									
<b>Annual Burden</b>									
17 Submittal to EPA (i.e., work plan)	10.25	10.25	10.25	30.75	63,962	\$2,737,526	10.25	21,321	\$912,509
<i>Annual Burden Subtotal</i>	<i>10.25</i>	<i>10.25</i>	<i>10.25</i>	<i>30.75</i>	<i>63,962</i>	<i>\$2,737,526</i>	<i>10.25</i>	<i>21,321</i>	<i>\$912,509</i>
<b>Expense Reimbursement Grants Program Subtotal</b>	<b>10.25</b>	<b>10.25</b>	<b>10.25</b>	<b>30.75</b>	<b>63,962</b>	<b>\$2,737,526</b>	<b>10.25</b>	<b>21,321</b>	<b>\$912,509</b>
<b>Total Estimated Burden</b>	<b>10.69</b>	<b>10.69</b>	<b>10.69</b>	<b>32.07</b>	<b>66,698</b>	<b>\$2,854,624</b>	<b>10.69</b>	<b>22,233</b>	<b>\$951,541</b>

**Exhibit 6  
Average Annual Burden and Cost to Systems for the Operator Certification Program**

System Activities	October 2008 - September 2009			October 2009 - September 2010			October 2010 - September 2011			Total Estimated Burden				Average Annual Estimate			
	Annual Net Burden (FTEs)	Other Costs	Annual Net Cost	Annual Net Burden (FTEs)	Other Costs	Annual Net Cost*	Annual Net Burden (FTEs)	Other Costs	Annual Net Cost*	Hours	Net Burden (FTEs)	Net Other Costs	Net Cost*	Hours	FTEs	Net Other Costs	Net Cost
<i>Annual burden</i>																	
<b>2 Maintain/renew certification<sup>4</sup></b>	38.31	\$951,266	\$2,686,784	38.31	\$951,266	\$2,686,784	38.31	\$951,266	\$2,686,784	239047	114.93	\$2,853,797	\$8,060,351	79,682	38.31	\$951,266	\$2,686,784
<b>Annual Burden Subtotal</b>	<b>38.31</b>	<b>\$951,266</b>	<b>\$2,686,784</b>	<b>38.31</b>	<b>\$951,266</b>	<b>\$2,686,784</b>	<b>38.31</b>	<b>\$951,266</b>	<b>\$2,686,784</b>	<b>239047</b>	<b>114.93</b>	<b>\$2,853,797</b>	<b>\$8,060,351</b>	<b>79,682</b>	<b>38.31</b>	<b>\$951,266</b>	<b>\$2,686,784</b>
<b>Total Burden</b>	<b>38.31</b>	<b>\$951,266</b>	<b>\$2,686,784</b>	<b>38.31</b>	<b>\$951,266</b>	<b>\$2,686,784</b>	<b>38.31</b>	<b>\$951,266</b>	<b>\$2,686,784</b>	<b>239047</b>	<b>114.93</b>	<b>\$2,853,797</b>	<b>\$8,060,351</b>	<b>79,682</b>	<b>38.31</b>	<b>\$951,266</b>	<b>\$2,686,784</b>

**Exhibit 7**  
**Operator Certification Program - Summary of Original and Revised Burden Estimates**

<b>State Workload Assumptions for Operator Certification</b>		
<b>2004 Burden</b>	<b>Task</b>	<b>Revised Burden</b>
<b>Expense Reimbursement Grants Program</b>		
	Administer grant*	520 hrs

\*New task incorporated into model based on consultation results. Percentages of states completing tasks was revised based on "Operator Certification Expense Reimbursement Grants Program: Compendium of State Activities" May 2008.



## Appendix H

# Tribal Operator Certification Spreadsheets



**Exhibit 1**  
**ASSUMPTIONS FOR TRIBAL RESPONDENTS**

<b>Tribal System Assumption</b>	<b>No. of Systems</b>
Total number of systems (1)	983
Systems that currently have a certified operator (2)	569
- Systems that will renew with the state or other provider (3)	426
- Systems that will renew with an EPA-approved tribal provider (3)	142
Systems without certified operator (2)	414
- Systems that will seek grandparent status or new certification (3)	207
- Systems that will seek grandparent status (3)	135
- Systems that will seek new certification (3)	72

(1) Total tribal systems based October 2007 SDWIS data.

(2) Based on November 2001 GPRA goal status estimates.

(3) EPA estimate.

**Exhibit 2**  
**ASSUMPTIONS FOR TRIBAL SYSTEM BURDEN AND COSTS**

Activities	Tribal Systems			
	Hrs per Response	Labor Cost (per Hour)	Labor Cost (per Response)	Unit O&M Cost
<b>Start-up/One-time Activities</b>				
Grandparent Status Applications	2	\$ 30.72	\$ 61.43	\$ 0.42
<b>Ongoing Activities</b>				
Training - New Certifications				
- Level 1 (85%)	40	\$ 30.72	\$ 1,228.69	(1)
- Level 2 (10%)	26	\$ 30.72	\$ 798.65	(1)
- Level 3 (5%)	26	\$ 30.72	\$ 798.65	(1)
Training - Certification Renewals	40	\$ 30.72	\$ 1,228.69	(1)
Process Reimbursements - New Certifications	0.5	\$ 30.72	\$ 15.36	\$ 0.42
Process Reimbursements - Certification Renewals	0.5	\$ 30.72	\$ 15.36	\$ 0.42

(1) All travel and lodging costs to be reimbursed by EPA.



**Exhibit 3**  
**TRIBAL SYSTEMS YEARLY RESPONSES, BURDEN, AND COSTS**

		Tribal Systems Responses by Year								
Activities		2003	2004	2005	2006	2007	2008	2009	2010	2011
<b>Start-up/One-time Activities</b>										
Grandparent Status Applications		68	67	-	-	-	-	-	-	-
	<b>SubTotal</b>	<b>68</b>	<b>67</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Ongoing Activities</b>										
Training - New Certifications										
- Level 1 (85%)		31	31	-	58	57	5	15	15	5
- Level 2 (10%)		4	4	-	7	7	-	-	-	-
- Level 3 (5%)		2	2	-	3	3	-	-	-	-
Training - Certification Renewals		47	47	46	84	84	41	137	136	41
Process Reimbursements - New Certifications		37	37	-	68	67	5	15	15	5
Process Reimbursements - Certification Renewals		47	47	46	84	84	41	137	136	41
	<b>SubTotal</b>	<b>168</b>	<b>168</b>	<b>92</b>	<b>304</b>	<b>302</b>	<b>92</b>	<b>304</b>	<b>302</b>	<b>92</b>
<b>Total - All Activities</b>		<b>236</b>	<b>235</b>	<b>92</b>	<b>304</b>	<b>302</b>	<b>92</b>	<b>304</b>	<b>302</b>	<b>92</b>
		Tribal Systems Burden by Year								
Activities		2003	2004	2005	2006	2007	2008	2009	2010	2011
<b>Start-up/One-time Activities</b>										
Grandparent Status Applications		136	134	-	-	-	-	-	-	-
	<b>SubTotal</b>	<b>136</b>	<b>134</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Ongoing Activities</b>										
Training - New Certifications										
- Level 1 (85%)		1,240	1,240	-	2,320	2,280	184	608	604	184
- Level 2 (10%)		104	104	-	182	182	-	-	-	-
- Level 3 (5%)		52	52	-	78	78	-	-	-	-
Training - Certification Renewals		1,880	1,880	1,840	3,360	3,360	1,656	5,472	5,436	1,656
Process Reimbursements - New Certifications		19	19	-	34	34	2	8	8	2
Process Reimbursements - Certification Renewals		24	24	23	42	42	21	68	68	21
	<b>SubTotal</b>	<b>3,318</b>	<b>3,318</b>	<b>1,863</b>	<b>6,016</b>	<b>5,976</b>	<b>1,863</b>	<b>6,156</b>	<b>6,116</b>	<b>1,863</b>
<b>Total - All Activities</b>		<b>3,454</b>	<b>3,452</b>	<b>1,863</b>	<b>6,016</b>	<b>5,976</b>	<b>1,863</b>	<b>6,156</b>	<b>6,116</b>	<b>1,863</b>
		Tribal Systems Labor Cost by Year								
Activities		2003	2004	2005	2006	2007	2008	2009	2010	2011
<b>Start-up/One-time Activities</b>										
Grandparent Status Applications		\$ 4,178	\$ 4,116	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<b>SubTotal</b>	<b>\$ 4,178</b>	<b>\$ 4,116</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
<b>Ongoing Activities</b>										
Training - New Certifications										
- Level 1 (85%)		\$ 38,089	\$ 38,089	\$ -	\$ 71,264	\$ 70,035	\$ 5,652	\$ 18,676	\$ 18,553	\$ 5,652
- Level 2 (10%)		\$ 3,195	\$ 3,195	\$ -	\$ 5,591	\$ 5,591	\$ -	\$ -	\$ -	\$ -
- Level 3 (5%)		\$ 1,597	\$ 1,597	\$ -	\$ 2,396	\$ 2,396	\$ -	\$ -	\$ -	\$ -
Training - Certification Renewals		\$ 57,748	\$ 57,748	\$ 56,520	\$ 103,210	\$ 103,210	\$ 50,868	\$ 168,085	\$ 166,979	\$ 50,868
Process Reimbursements - New Certifications		\$ 568	\$ 568	\$ -	\$ 1,044	\$ 1,029	\$ 71	\$ 233	\$ 232	\$ 71
Process Reimbursements - Certification Renewals		\$ 722	\$ 722	\$ 706	\$ 1,290	\$ 1,290	\$ 636	\$ 2,101	\$ 2,087	\$ 636
	<b>SubTotal</b>	<b>\$ 101,920</b>	<b>\$ 101,920</b>	<b>\$ 57,226</b>	<b>\$ 184,795</b>	<b>\$ 183,551</b>	<b>\$ 57,226</b>	<b>\$ 189,096</b>	<b>\$ 187,851</b>	<b>\$ 57,226</b>
<b>Total - All Activities</b>		<b>\$ 106,097</b>	<b>\$ 106,036</b>	<b>\$ 57,226</b>	<b>\$ 184,795</b>	<b>\$ 183,551</b>	<b>\$ 57,226</b>	<b>\$ 189,096</b>	<b>\$ 187,851</b>	<b>\$ 57,226</b>
		Tribal Systems O&M Cost by Year								
Activities		2003	2004	2005	2006	2007	2008	2009	2010	2011
<b>Start-up/One-time Activities</b>										
Grandparent Status Applications		\$ 29	\$ 28	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
	<b>SubTotal</b>	<b>\$ 29</b>	<b>\$ 28</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
<b>Ongoing Activities</b>										
Training - New Certifications										
- Level 1 (85%)		(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
- Level 2 (10%)		(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
- Level 3 (5%)		(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Training - Certification Renewals		(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)	(1)
Process Reimbursements - New Certifications		\$ 16	\$ 16	\$ -	\$ 29	\$ 28	\$ 2	\$ 6	\$ 6	\$ 2
Process Reimbursements - Certification Renewals		\$ 20	\$ 20	\$ 19	\$ 35	\$ 35	\$ 17	\$ 57	\$ 57	\$ 17
	<b>SubTotal</b>	<b>\$ 35</b>	<b>\$ 35</b>	<b>\$ 19</b>	<b>\$ 64</b>	<b>\$ 63</b>	<b>\$ 19</b>	<b>\$ 64</b>	<b>\$ 63</b>	<b>\$ 19</b>
<b>Total - All Activities</b>		<b>\$ 64</b>	<b>\$ 63</b>	<b>\$ 19</b>	<b>\$ 64</b>	<b>\$ 63</b>	<b>\$ 19</b>	<b>\$ 64</b>	<b>\$ 63</b>	<b>\$ 19</b>

(1) All Course fees and travel and lodging costs to be reimbursed by EPA.

**Exhibit 4**

**ASSUMPTIONS FOR CERTIFICATION PROVIDER BURDEN AND COSTS**

Activities	Certification Training Providers				
	Number of Providers	Hrs per Response	Labor Cost (per Hour)	Labor Cost (per Response)	Unit O&M Cost
<b>Start-up/One-time Activities</b>					
Grant Submission	10	56	\$ 44.67	\$ 2,502	\$ 10
Program Establishment/Approval - New Providers	10	(1)	(1)	(1)	(1)
Program Establishment/Approval - Existing Providers	5	44	\$ 44.67	\$ 1,966	\$ 10

(1) Burden and costs for new programs covered by EPA grants.

Note: Providers do not incur burden for annual activities such as running training courses because they are reimbursed for these activities by EPA grants.

**Exhibit 5  
PROVIDER YEARLY RESPONSES, BURDEN, AND COSTS**

Activities	Provider Responses by Year									
	2003	2004	2005	2006	2007	2008	2009	2010	2011	
<b>Start-up/One-time Activities</b>										
Grant Submission	10	-	-	-	-	-	-	-	-	-
Program Establishment/Approval - New Providers	(1)	-	-	-	-	-	-	-	-	-
Program Establishment/Approval - Existing Providers	5	-	-	-	-	-	-	-	-	-
<b>Total - All Activities</b>	<b>15</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
Activities	Provider Burden by Year									
	2003	2004	2005	2006	2007	2008	2009	2010	2011	
<b>Start-up/One-time Activities</b>										
Grant Submission	560	-	-	-	-	-	-	-	-	-
Program Establishment/Approval - New Providers	(1)	-	-	-	-	-	-	-	-	-
Program Establishment/Approval - Existing Providers	220	-	-	-	-	-	-	-	-	-
<b>Total - All Activities</b>	<b>780</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
Activities	Provider Labor Cost by Year									
	2003	2004	2005	2006	2007	2008	2009	2010	2011	
<b>Start-up/One-time Activities</b>										
Grant Submission	\$ 25,016	-	-	-	-	-	-	-	-	-
Program Establishment/Approval - New Providers	(1)	-	-	-	-	-	-	-	-	-
Program Establishment/Approval - Existing Providers	\$ 9,828	-	-	-	-	-	-	-	-	-
<b>Total - All Activities</b>	<b>\$ 34,844</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
Activities	Provider O&M Cost by Year									
	2003	2004	2005	2006	2007	2008	2009	2010	2011	
<b>Start-up/One-time Activities</b>										
Grant Submission	\$ 100	-	-	-	-	-	-	-	-	-
Program Establishment/Approval - New Providers	(1)	-	-	-	-	-	-	-	-	-
Program Establishment/Approval - Existing Providers	\$ 50	-	-	-	-	-	-	-	-	-
<b>Total - All Activities</b>	<b>\$ 150</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>

(1) Costs for new programs covered by EPA grants.

Note: Providers do not incur burden for annual activities such as running training courses because they are reimbursed for these activities by EPA grants.

**Exhibit 6  
ASSUMPTIONS FOR AGENCY BURDEN AND COSTS**

Activities	EPA Regions (1)				EPA Headquarters			
	Hrs per Response	Labor Cost (per Hour)	Labor Cost (per Response)	Unit O&M Cost	Hrs per Response	Labor Cost (per Hour)	Labor Cost (per Response)	Unit O&M Cost
<b>Start-up/One-time Activities</b>								
Initial Assessments	80	\$ 41.98	\$ 3,358	\$ -	80	\$ 59.83	\$ 4,786	\$ -
Grant Funding/Approval	-	\$ 41.98	\$ -	\$ -	40	\$ 59.83	\$ 2,393	\$ 50,000
Program Review/Certification	40	\$ 41.98	\$ 1,679	\$ -	40	\$ 59.83	\$ 2,393	\$ -
Develop Tracking System	-	\$ 41.98	\$ -	\$ -	80	\$ 59.83	\$ 4,786	\$ -
Conduct Peer Review	20	\$ 41.98	\$ 840	\$ -	40	\$ 59.83	\$ 2,393	\$ -
Review Grandparent Status Applications	8	\$ 41.98	\$ 336	\$ 0.42	8	\$ 59.83	\$ 479	\$ 0.42
<b>Ongoing Activities</b>								
Compliance Tracking	-	\$ 41.98	\$ -	\$ -	0.25	\$ 59.83	\$ 15	\$ -
System Reimbursements - New Certifications								
- Level 1	0.5	\$ 41.98	\$ 21	\$ 733	0.5	\$ 59.83	\$ 30	\$ 733
- Level 2	0.5	\$ 41.98	\$ 21	\$ 733	0.5	\$ 59.83	\$ 30	\$ 733
- Level 3	0.5	\$ 41.98	\$ 21	\$ 733	0.5	\$ 59.83	\$ 30	\$ 733
System Reimbursements - Certification Renewals	0.5	\$ 41.98	\$ 21	\$ 733	0.5	\$ 59.83	\$ 30	\$ 733
Provider Reimbursements - New Certifications								
- Level 1	0.5	\$ 41.98	\$ 21	\$ 789	0.5	\$ 59.83	\$ 30	\$ 789
- Level 2	0.5	\$ 41.98	\$ 21	\$ 564	0.5	\$ 59.83	\$ 30	\$ 564
- Level 3	0.5	\$ 41.98	\$ 21	\$ 564	0.5	\$ 59.83	\$ 30	\$ 564
Provider Reimbursements - Certification Renewals	0.5	\$ 41.98	\$ 21	\$ 564	0.5	\$ 59.83	\$ 30	\$ 564
Enforcement	8	\$ 41.98	\$ 336	\$ -	8	\$ 59.83	\$ 479	\$ -

Note: EPA burden and labor costs associated with Tribal operator certification are not included in the totals for the Tribal operator certification program (O&M costs, however are included). EPA burden and labor costs for the PWSS ICR as a whole are calculated using a separate method; the EPA Tribal operator certification burden is not added to that total to avoid double counting.

(1) Burden and costs assumed for the 9 EPA Regions with recognized tribal entities.

Exhibit 7

AGENCY REGIONAL YEARLY RESPONSES, BURDEN, AND COSTS

Activities	EPA Regional Responses by Year									
	2003	2004	2005	2006	2007	2008	2009	2010	2011	
<b>Start-up/One-time Activities</b>										
Initial Assessments	14	-	-	-	-	-	-	-	-	-
Grant Funding/Approval	-	-	-	-	-	-	-	-	-	-
Program Review/Certification	14	-	-	-	-	-	-	-	-	-
Develop Tracking System	-	-	-	-	-	-	-	-	-	-
Conduct Peer Review	9	-	-	-	-	-	-	-	-	-
Review Grandparent Status Applications	63	63	-	-	-	-	-	-	-	-
<b>SubTotal</b>	<b>100</b>	<b>63</b>	-	-	-	-	-	-	-	-
<b>Ongoing Activities</b>										
Compliance Tracking	-	-	-	-	-	-	-	-	-	-
System Reimbursements - New Certifications	-	-	-	-	-	-	-	-	-	-
- Level 1	29	29	-	54	53	4	14	14	4	
- Level 2	4	4	-	7	7	-	-	-	-	
- Level 3	2	2	-	3	3	-	-	-	-	
System Reimbursements - Certification Renewals	44	44	43	78	78	39	128	127	39	
Provider Reimbursements - New Certifications	-	-	-	-	-	-	-	-	-	
- Level 1	29	29	-	54	53	4	14	14	4	
- Level 2	4	4	-	7	7	-	-	-	-	
- Level 3	2	2	-	3	3	-	-	-	-	
Provider Reimbursements - Certification Renewals	44	44	43	78	78	39	128	127	39	
Enforcement	3	3	2	6	6	2	6	6	2	
<b>SubTotal</b>	<b>161</b>	<b>161</b>	<b>88</b>	<b>290</b>	<b>288</b>	<b>88</b>	<b>290</b>	<b>288</b>	<b>88</b>	
<b>Total - All Activities</b>	<b>261</b>	<b>224</b>	<b>88</b>	<b>290</b>	<b>288</b>	<b>88</b>	<b>290</b>	<b>288</b>	<b>88</b>	
<b>EPA Regional Burden by Year</b>										
Activities	2003	2004	2005	2006	2007	2008	2009	2010	2011	
<b>Start-up/One-time Activities</b>										
Initial Assessments	1,120	-	-	-	-	-	-	-	-	-
Grant Funding/Approval	-	-	-	-	-	-	-	-	-	-
Program Review/Certification	560	-	-	-	-	-	-	-	-	-
Develop Tracking System	-	-	-	-	-	-	-	-	-	-
Conduct Peer Review	180	-	-	-	-	-	-	-	-	-
Review Grandparent Status Applications	504	504	-	-	-	-	-	-	-	-
<b>SubTotal</b>	<b>2,364</b>	<b>504</b>	-	-	-	-	-	-	-	-
<b>Ongoing Activities</b>										
Compliance Tracking	-	-	-	-	-	-	-	-	-	-
System Reimbursements - New Certifications	-	-	-	-	-	-	-	-	-	-
- Level 1	15	15	-	27	27	2	7	7	2	
- Level 2	2	2	-	4	4	-	-	-	-	
- Level 3	1	1	-	2	2	-	-	-	-	
System Reimbursements - Certification Renewals	22	22	22	39	39	20	64	64	20	
Provider Reimbursements - New Certifications	-	-	-	-	-	-	-	-	-	
- Level 1	15	15	-	27	27	2	7	7	2	
- Level 2	2	2	-	4	4	-	-	-	-	
- Level 3	1	1	-	2	2	-	-	-	-	
Provider Reimbursements - Certification Renewals	22	22	22	39	39	20	64	64	20	
Enforcement	24	24	16	48	48	16	48	48	16	
<b>SubTotal</b>	<b>103</b>	<b>103</b>	<b>59</b>	<b>190</b>	<b>189</b>	<b>59</b>	<b>190</b>	<b>189</b>	<b>59</b>	
<b>Total - All Activities</b>	<b>2,467</b>	<b>607</b>	<b>59</b>	<b>190</b>	<b>189</b>	<b>59</b>	<b>190</b>	<b>189</b>	<b>59</b>	

AGENCY REGIONAL YEARLY RESPONSES, BURDEN, AND COSTS (Continued)

Activities	EPA Regional Labor Cost by Year									
	2003	2004	2005	2006	2007	2008	2009	2010	2011	
<b>Start-up/One-time Activities</b>										
Initial Assessments	\$ 47,012	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Grant Funding/Approval	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Program Review/Certification	\$ 23,506	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Develop Tracking System	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Conduct Peer Review	\$ 7,556	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Review Grandparent Status Applications	\$ 21,156	\$ 21,156	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>SubTotal</b>	<b>\$ 99,230</b>	<b>\$ 21,156</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
<b>Ongoing Activities</b>										
Compliance Tracking	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
System Reimbursements - New Certifications	-	-	-	-	-	-	-	-	-	-
- Level 1	\$ 609	\$ 609	\$ -	\$ 1,133	\$ 1,112	\$ 84	\$ 294	\$ 294	\$ 84	
- Level 2	\$ 84	\$ 84	\$ -	\$ 147	\$ 147	\$ -	\$ -	\$ -	\$ -	
- Level 3	\$ 42	\$ 42	\$ -	\$ 63	\$ 63	\$ -	\$ -	\$ -	\$ -	
System Reimbursements - Certification Renewals	\$ 923	\$ 923	\$ 902	\$ 1,637	\$ 1,637	\$ 819	\$ 2,686	\$ 2,665	\$ 819	
Provider Reimbursements - New Certifications	-	-	-	-	-	-	-	-	-	
- Level 1	\$ 609	\$ 609	\$ -	\$ 1,133	\$ 1,112	\$ 84	\$ 294	\$ 294	\$ 84	
- Level 2	\$ 84	\$ 84	\$ -	\$ 147	\$ 147	\$ -	\$ -	\$ -	\$ -	
- Level 3	\$ 42	\$ 42	\$ -	\$ 63	\$ 63	\$ -	\$ -	\$ -	\$ -	
Provider Reimbursements - Certification Renewals	\$ 923	\$ 923	\$ 902	\$ 1,637	\$ 1,637	\$ 819	\$ 2,686	\$ 2,665	\$ 819	
Enforcement	\$ 1,007	\$ 1,007	\$ 672	\$ 2,015	\$ 2,015	\$ 672	\$ 2,015	\$ 2,015	\$ 672	
<b>SubTotal</b>	<b>\$ 4,323</b>	<b>\$ 4,323</b>	<b>\$ 2,477</b>	<b>\$ 7,975</b>	<b>\$ 7,933</b>	<b>\$ 2,477</b>	<b>\$ 7,975</b>	<b>\$ 7,933</b>	<b>\$ 2,477</b>	
<b>Total - All Activities</b>	<b>\$ 103,553</b>	<b>\$ 25,479</b>	<b>\$ 2,477</b>	<b>\$ 7,975</b>	<b>\$ 7,933</b>	<b>\$ 2,477</b>	<b>\$ 7,975</b>	<b>\$ 7,933</b>	<b>\$ 2,477</b>	
<b>EPA Regional O&amp;M Cost by Year</b>										
Activities	2003	2004	2005	2006	2007	2008	2009	2010	2011	
<b>Start-up/One-time Activities</b>										
Initial Assessments	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Grant Funding/Approval	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Program Review/Certification	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Develop Tracking System	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Conduct Peer Review	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Review Grandparent Status Applications	\$ 26	\$ 26	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>SubTotal</b>	<b>\$ 26</b>	<b>\$ 26</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
<b>Ongoing Activities</b>										
Compliance Tracking	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
System Reimbursements - New Certifications	-	-	-	-	-	-	-	-	-	-
- Level 1	\$ 21,253	\$ 21,253	\$ -	\$ 39,575	\$ 38,843	\$ 2,932	\$ 10,260	\$ 10,260	\$ 2,932	
- Level 2	\$ 2,932	\$ 2,932	\$ -	\$ 5,130	\$ 5,130	\$ -	\$ -	\$ -	\$ -	
- Level 3	\$ 1,466	\$ 1,466	\$ -	\$ 2,199	\$ 2,199	\$ -	\$ -	\$ -	\$ -	
System Reimbursements - Certification Renewals	\$ 32,247	\$ 32,247	\$ 31,514	\$ 57,164	\$ 57,164	\$ 28,582	\$ 93,808	\$ 93,076	\$ 28,582	
Provider Reimbursements - New Certifications	-	-	-	-	-	-	-	-	-	
- Level 1	\$ 22,887	\$ 22,887	\$ -	\$ 42,618	\$ 41,829	\$ 3,157	\$ 11,049	\$ 11,049	\$ 3,157	
- Level 2	\$ 2,255	\$ 2,255	\$ -	\$ 3,947	\$ 3,947	\$ -	\$ -	\$ -	\$ -	
- Level 3	\$ 1,128	\$ 1,128	\$ -	\$ 1,692	\$ 1,692	\$ -	\$ -	\$ -	\$ -	
Provider Reimbursements - Certification Renewals	\$ 24,809	\$ 24,809	\$ 24,246	\$ 43,980	\$ 43,980	\$ 21,990	\$ 72,173	\$ 71,609	\$ 21,990	
Enforcement	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	
<b>SubTotal</b>	<b>\$ 108,977</b>	<b>\$ 108,977</b>	<b>\$ 55,759</b>	<b>\$ 196,305</b>	<b>\$ 194,783</b>	<b>\$ 56,661</b>	<b>\$ 187,291</b>	<b>\$ 185,994</b>	<b>\$ 56,661</b>	
<b>Total - All Activities</b>	<b>\$ 109,004</b>	<b>\$ 109,004</b>	<b>\$ 55,759</b>	<b>\$ 196,305</b>	<b>\$ 194,783</b>	<b>\$ 56,661</b>	<b>\$ 187,291</b>	<b>\$ 185,994</b>	<b>\$ 56,661</b>	

Note: EPA burden and labor costs associated with Tribal operator certification are not included in the totals for the Tribal operator certification program (O&M costs, however are included). EPA burden and labor costs for the PWSS ICR as a whole are calculated using a separate method; the EPA Tribal operator certification burden is not added to that total to avoid double counting.

Exhibit 8

AGENCY HEADQUARTERS YEARLY RESPONSES, BURDEN, AND COSTS

Activities	EPA Headquarters Responses by Year									
	2003	2004	2005	2006	2007	2008	2009	2010	2011	
<b>Start-up/One-time Activities</b>										
Initial Assessments	1	-	-	-	-	-	-	-	-	-
Grant Funding/Approval	10	-	-	-	-	-	-	-	-	-
Program Review/Certification	1	-	-	-	-	-	-	-	-	-
Develop Tracking System	1	-	-	-	-	-	-	-	-	-
Conduct Peer Review	1	-	-	-	-	-	-	-	-	-
Review Grandparent Status Applications	5	5	-	-	-	-	-	-	-	-
<b>SubTotal</b>	<b>19</b>	<b>5</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Ongoing Activities</b>										
Compliance Tracking	983	983	983	983	983	983	983	983	983	983
System Reimbursements - New Certifications										
- Level 1	2	2	-	4	4	-	1	1	-	-
- Level 2	-	-	-	-	-	-	-	-	-	-
- Level 3	-	-	-	-	-	-	-	-	-	-
System Reimbursements - Certification Renewals	3	3	3	6	6	3	9	9	3	3
Provider Reimbursements - New Certifications										
- Level 1	2	2	-	4	4	-	1	1	-	-
- Level 2	-	-	-	-	-	-	-	-	-	-
- Level 3	-	-	-	-	-	-	-	-	-	-
Provider Reimbursements - Certification Renewals	3	3	3	6	6	3	9	9	3	3
Enforcement	-	-	-	-	-	-	-	-	-	-
<b>SubTotal</b>	<b>993</b>	<b>993</b>	<b>989</b>	<b>1,003</b>	<b>1,003</b>	<b>989</b>	<b>1,003</b>	<b>1,003</b>	<b>989</b>	<b>989</b>
<b>Total - All Activities</b>	<b>1,012</b>	<b>998</b>	<b>989</b>	<b>1,003</b>	<b>1,003</b>	<b>989</b>	<b>1,003</b>	<b>1,003</b>	<b>989</b>	<b>989</b>
Activities	EPA Headquarters Burden by Year									
	2003	2004	2005	2006	2007	2008	2009	2010	2011	
<b>Start-up/One-time Activities</b>										
Initial Assessments	80	-	-	-	-	-	-	-	-	-
Grant Funding/Approval	400	-	-	-	-	-	-	-	-	-
Program Review/Certification	40	-	-	-	-	-	-	-	-	-
Develop Tracking System	80	-	-	-	-	-	-	-	-	-
Conduct Peer Review	40	-	-	-	-	-	-	-	-	-
Review Grandparent Status Applications	40	40	-	-	-	-	-	-	-	-
<b>SubTotal</b>	<b>680</b>	<b>40</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>
<b>Ongoing Activities</b>										
Compliance Tracking	246	246	246	246	246	246	246	246	246	246
System Reimbursements - New Certifications										
- Level 1	1	1	-	2	2	-	1	1	-	-
- Level 2	-	-	-	-	-	-	-	-	-	-
- Level 3	-	-	-	-	-	-	-	-	-	-
System Reimbursements - Certification Renewals	2	2	2	3	3	2	5	5	2	2
Provider Reimbursements - New Certifications										
- Level 1	1	1	-	2	2	-	1	1	-	-
- Level 2	-	-	-	-	-	-	-	-	-	-
- Level 3	-	-	-	-	-	-	-	-	-	-
Provider Reimbursements - Certification Renewals	2	2	2	3	3	2	5	5	2	2
Enforcement	-	-	-	-	-	-	-	-	-	-
<b>SubTotal</b>	<b>251</b>	<b>251</b>	<b>249</b>	<b>256</b>	<b>256</b>	<b>249</b>	<b>256</b>	<b>256</b>	<b>249</b>	<b>249</b>
<b>Total - All Activities</b>	<b>931</b>	<b>291</b>	<b>249</b>	<b>256</b>	<b>256</b>	<b>249</b>	<b>256</b>	<b>256</b>	<b>249</b>	<b>249</b>

AGENCY HEADQUARTERS YEARLY RESPONSES, BURDEN, AND COSTS (Continued)

Activities	EPA Headquarters Labor Cost by Year									
	2003	2004	2005	2006	2007	2008	2009	2010	2011	
<b>Start-up/One-time Activities</b>										
Initial Assessments	\$ 4,786	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Grant Funding/Approval	\$ 23,931	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Program Review/Certification	\$ 2,393	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Develop Tracking System	\$ 4,786	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Conduct Peer Review	\$ 2,393	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Review Grandparent Status Applications	\$ 2,393	\$ 2,393	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>SubTotal</b>	<b>\$ 40,683</b>	<b>\$ 2,393</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
<b>Ongoing Activities</b>										
Compliance Tracking	\$ 14,703	\$ 14,703	\$ 14,703	\$ 14,703	\$ 14,703	\$ 14,703	\$ 14,703	\$ 14,703	\$ 14,703	\$ 14,703
System Reimbursements - New Certifications										
- Level 1	\$ 60	\$ 60	\$ -	\$ 120	\$ 120	\$ -	\$ 30	\$ 30	\$ -	\$ -
- Level 2	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
- Level 3	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
System Reimbursements - Certification Renewals	\$ 90	\$ 90	\$ 90	\$ 179	\$ 179	\$ 90	\$ 269	\$ 269	\$ 90	\$ 90
Provider Reimbursements - New Certifications										
- Level 1	\$ 60	\$ 60	\$ -	\$ 120	\$ 120	\$ -	\$ 30	\$ 30	\$ -	\$ -
- Level 2	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
- Level 3	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Provider Reimbursements - Certification Renewals	\$ 90	\$ 90	\$ 90	\$ 179	\$ 179	\$ 90	\$ 269	\$ 269	\$ 90	\$ 90
Enforcement	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>SubTotal</b>	<b>\$ 15,002</b>	<b>\$ 15,002</b>	<b>\$ 14,882</b>	<b>\$ 15,301</b>	<b>\$ 15,301</b>	<b>\$ 14,882</b>	<b>\$ 15,301</b>	<b>\$ 15,301</b>	<b>\$ 14,882</b>	<b>\$ 14,882</b>
<b>Total - All Activities</b>	<b>\$ 55,685</b>	<b>\$ 17,395</b>	<b>\$ 14,882</b>	<b>\$ 15,301</b>	<b>\$ 15,301</b>	<b>\$ 14,882</b>	<b>\$ 15,301</b>	<b>\$ 15,301</b>	<b>\$ 14,882</b>	<b>\$ 14,882</b>
Activities	EPA Headquarters O&M Cost by Year									
	2003	2004	2005	2006	2007	2008	2009	2010	2011	
<b>Start-up/One-time Activities</b>										
Initial Assessments	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Grant Funding/Approval	\$ 500,000	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Program Review/Certification	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Develop Tracking System	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Conduct Peer Review	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Review Grandparent Status Applications	\$ 2	\$ 2	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>SubTotal</b>	<b>\$ 500,002</b>	<b>\$ 2</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
<b>Ongoing Activities</b>										
Compliance Tracking	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
System Reimbursements - New Certifications										
- Level 1	\$ 1,466	\$ 1,466	\$ -	\$ 2,932	\$ 2,932	\$ -	\$ 733	\$ 733	\$ -	\$ -
- Level 2	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
- Level 3	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
System Reimbursements - Certification Renewals	\$ 2,199	\$ 2,199	\$ 2,199	\$ 4,397	\$ 4,397	\$ 2,199	\$ 6,596	\$ 6,596	\$ 2,199	\$ 2,199
Provider Reimbursements - New Certifications										
- Level 1	\$ 1,578	\$ 1,578	\$ -	\$ 3,157	\$ 3,157	\$ -	\$ 789	\$ 789	\$ -	\$ -
- Level 2	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
- Level 3	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
Provider Reimbursements - Certification Renewals	\$ 1,692	\$ 1,692	\$ 1,692	\$ 3,383	\$ 3,383	\$ 1,692	\$ 5,075	\$ 5,075	\$ 1,692	\$ 1,692
Enforcement	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>SubTotal</b>	<b>\$ 6,934</b>	<b>\$ 6,934</b>	<b>\$ 3,890</b>	<b>\$ 13,869</b>	<b>\$ 13,869</b>	<b>\$ 3,890</b>	<b>\$ 13,193</b>	<b>\$ 13,193</b>	<b>\$ 3,890</b>	<b>\$ 3,890</b>
<b>Total - All Activities</b>	<b>\$ 506,936</b>	<b>\$ 6,936</b>	<b>\$ 3,890</b>	<b>\$ 13,869</b>	<b>\$ 13,869</b>	<b>\$ 3,890</b>	<b>\$ 13,193</b>	<b>\$ 13,193</b>	<b>\$ 3,890</b>	<b>\$ 3,890</b>

Note: EPA burden and labor costs associated with Tribal operator certification are not included in the totals for the Tribal operator certification program (O&M costs, however are included). EPA burden and labor costs for the PWSS ICR as a whole are calculated using a separate method; the EPA Tribal operator certification burden is not added to that total to avoid double counting.

Exhibit 9  
BURDEN AND COST SUMMARY

Respondent	Respondents	Annual Response Estimates			Average Annual Responses	Annual Burden Estimates			Average Annual Burden	Annual O&M (Cost Burden) Estimates			Average Annual O&M (Cost Burden)
		October 1, 2008 - September 30, 2009	October 1, 2009 - September 30, 2010	October 1, 2010 - September 30, 2011		October 1, 2008 - September 30, 2009	October 1, 2009 - September 30, 2010	October 1, 2010 - September 30, 2011		October 1, 2008 - September 30, 2009	October 1, 2009 - September 30, 2010	October 1, 2010 - September 30, 2011	
		EPA Headquarters	1	1,000		1,003	993	998.3		254	256	251	
EPA Regions	9	240	289	138	222.0	157	189	92	146.0	\$ 154,633	\$ 186,318	\$ 88,994	\$ 143,315
EPA Total	10	1,239	1,292	1,131	1,220.3	411	445	342	399.4	\$ 165,500	\$ 199,511	\$ 95,210	\$ 153,407
Tribal Systems	349	251	303	145	232.7	5,083	6,126	2,926	4,711.5	\$ 53	\$ 64	\$ 30	\$ 49
Certification Providers	15	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -

Other Measures

Respondent	Respondents	Annual Responses per Respondent			Average Annual Responses/ Respondent	Annual Labor Cost			Average Annual Labor Cost
		October 1, 2008 - September 30, 2009	October 1, 2009 - September 30, 2010	October 1, 2010 - September 30, 2011		October 1, 2008 - September 30, 2009	October 1, 2009 - September 30, 2010	October 1, 2010 - September 30, 2011	
		EPA Headquarters	1	1,000		1,003	993	998.3	
EPA Regions	9	27	32	15	24.7	\$ 6,601	\$ 7,944	\$ 3,841	\$ 6,128
EPA Total	10	124	129	113	122.0	\$ 21,797	\$ 23,245	\$ 18,828	\$ 21,290
Tribal Systems	349	0.7	0.9	0.4	0.7	\$ 156,128	\$ 188,162	\$ 89,883	\$ 144,724
Certification Providers	15	-	-	-	-	\$ -	\$ -	\$ -	\$ -

Note: EPA burden and labor costs associated with Tribal operator certification are not included in the totals for the Tribal operator certification program (O&M costs, however are included). EPA burden and labor costs for the PWSS ICR as a whole are calculated using a separate method; the EPA Tribal operator certification burden is not added to that total to avoid double counting.

**Exhibit 10**  
**Tribal Certification - Summary of Original and Revised Burden Estimates**

**No consultation comments were received on Tribal Certification burden estimates.**



# Appendix I

## Constructed Conveyances Spreadsheets



**Exhibit 1 - Identification of PWSs Under the Revised PWS Definition - Use of Constructed Conveyances  
(Annual PWS Burden Assumptions)**

<b>Activity</b>	<b>Number of PWSs per Year</b>	<b>Annual Burden per PWS (hrs)</b>	<b>Total Annual Burden (hrs)</b>	<b>Hourly Labor Cost</b>	<b>Total Annual Labor Cost</b>	<b>O&amp;M Cost Per PWS</b>	<b>Total Annual O&amp;M Cost</b>	<b>Capital Cost Per PWS</b>	<b>Total Annual Capital Cost</b>
Surveys and Data Collection	114	20	2,280	\$ 30.72	\$ 70,035	\$ -	\$ -	\$ -	\$ -
Application for Other Residential Uses Exclusion	28.5	10	285	\$ 30.72	\$ 8,754	\$ -	\$ -	\$ -	\$ -
Application for Alternative Water Exclusion	28.5	10	285	\$ 30.72	\$ 8,754	\$ -	\$ -	\$ -	\$ -
Application for Treatment Exclusion	28.5	10	285	\$ 30.72	\$ 8,754	\$ -	\$ -	\$ -	\$ -
Application for Certain Piped Irrigation Districts Exclusion	28.5	10	285	\$ 30.72	\$ 8,754	\$ -	\$ -	\$ -	\$ -
Communication with Primacy Agency	370.5	10	3,705	\$ 30.72	\$ 113,807	\$ -	\$ -	\$ -	\$ -
Recordkeeping	370.5	1	371	\$ 30.72	\$ 11,381	\$ -	\$ -	\$ -	\$ -

Source: Estimates based on discussions with EPA Regional personnel.

**Exhibit 2 - Identification of PWSs Under the Revised PWS Definition - Use of Constructed Conveyances  
(Annual Primacy Agency Burden Assumptions)**

<b>Activity</b>	<b>Number of PWSs per Year per Primacy Agency</b>	<b>Annual Burden per PWS (hrs)</b>	<b>No. of Primacy Agencies</b>	<b>Total Annual Burden (hrs)</b>	<b>Hourly Labor Cost</b>	<b>Total Annual Labor Cost</b>	<b>O&amp;M Cost Per PWS</b>	<b>Total Annual O&amp;M Cost</b>	<b>Capital Cost Per PWS</b>	<b>Total Annual Capital Cost</b>
Review Surveys and Data Collection/Make Determinations	2	150	57	17,100	\$ 42.80	\$ 731,865	\$ -	\$ -	\$ -	\$ -
Review Applications for Other Residential Uses Exclusion/Make Determinations	0.5	10	57	285	\$ 42.80	\$ 12,198	\$ -	\$ -	\$ -	\$ -
Review Applications for Alternative Water Exclusion/Make Determinations	0.5	10	57	285	\$ 42.80	\$ 12,198	\$ -	\$ -	\$ -	\$ -
Review Applications for Treatment Exclusion/Make Determinations	0.5	10	57	285	\$ 42.80	\$ 12,198	\$ -	\$ -	\$ -	\$ -
Review Applications for Certain Piped Irrigation Districts Exclusion/Make Determinations	0.5	10	57	285	\$ 42.80	\$ 12,198	\$ -	\$ -	\$ -	\$ -
Communication with PWSs	6.5	10	57	3,705	\$ 42.80	\$ 158,571	\$ -	\$ -	\$ -	\$ -
Recordkeeping	6.5	60	57	22,230	\$ 42.80	\$ 951,424	\$ -	\$ -	\$ -	\$ -

Source: Estimates based on discussions with EPA Regional personnel.

**Exhibit 3a - Identification of PWSs Under the Revised PWS Definition - Use of Constructed Conveyances  
(PWS Burden and Cost Summary)**

<b>Requirement</b>	<b>Annual Respondents</b>	<b>Avg. Annual Responses</b>	<b>Annual Burden</b>	<b>Annual Burden (Labor) Cost</b>	<b>Annual O&amp;M Cost</b>	<b>Annual Capital Cost</b>
Surveys and Data Collection	114	114	2,280	\$ 70,035	\$ -	\$ -
Application for Other Residential Uses Exclusion	28.5	28.5	285	\$ 8,754	\$ -	\$ -
Application for Alternative Water Exclusion	28.5	28.5	285	\$ 8,754	\$ -	\$ -
Application for Treatment Exclusion	28.5	28.5	285	\$ 8,754	\$ -	\$ -
Application for Certain Piped Irrigation Districts Exclusion	28.5	28.5	285	\$ 8,754	\$ -	\$ -
Communication with Primacy Agency	370.5	370.5	3,705	\$ 113,807	\$ -	\$ -
Recordkeeping	370.5	370.5	371	\$ 11,381	\$ -	\$ -
<b>Total</b>	<b>371</b>	<b>969</b>	<b>7,496</b>	<b>\$ 230,241</b>	<b>\$ -</b>	<b>\$ -</b>

**Exhibit 3b - Identification of PWSs Under the Revised PWS Definition - Use of Constructed Conveyances  
(State Burden and Cost Summary)**

<b>Requirement</b>	<b>Annual Respondents</b>	<b>Avg. Annual Responses</b>	<b>Annual Burden</b>	<b>Annual Burden (Labor) Cost</b>	<b>Annual O&amp;M Cost</b>	<b>Annual Capital Cost</b>
Review Surveys and Data Collection/Make Determinations	57	114	17,100	\$ 731,865	\$ -	\$ -
Review Applications for Other Residential Uses Exclusion/Make Determinations	57	28.5	285	\$ 12,198	\$ -	\$ -
Review Applications for Alternative Water Exclusion/Make Determinations	57	28.5	285	\$ 12,198	\$ -	\$ -
Review Applications for Treatment Exclusion/Make Determinations	57	28.5	285	\$ 12,198	\$ -	\$ -
Review Applications for Certain Piped Irrigation Districts Exclusion/Make Determinations	57	28.5	285	\$ 12,198	\$ -	\$ -
Communication with PWSs	57	370.5	3,705	\$ 158,571	\$ -	\$ -
Recordkeeping	57	370.5	22,230	\$ 951,424	\$ -	\$ -
<b>Total</b>	<b>57</b>	<b>969</b>	<b>44,175</b>	<b>\$ 1,890,651</b>	<b>\$ -</b>	<b>\$ -</b>

**Exhibit 4**  
**Constructed Conveyance - Summary of Original and Revised Burden Estimates**

**No consultation comments were received on Constructed Conveyances burden estimates.**

## Appendix J

# Proficiency Testing Spreadsheets





**Exhibit 1. Estimated Laboratory Burden for Proficiency Testing**

Collection Activities	Manager hours/year	Chemist hours/year	Records Clerk hours/year	Total Hours per Lab	# of Labs <sup>1</sup>	Total Average Annual Burden Hours (all respondents)
	(A)	(B)	(C)	(D) = (A) + (B) + (C)	(E)	(F) = (D)*(E)
Read Instructions	0.5	0.5	0	1.0	2,363	2,363
Plan Activities	0.2	0	0	0.2	2,363	473
Analyze Inorganics	0	3.3	0	3.3	1,082	3,554
Analyze DBPs	0	2.0	0	2.0	871	1,742
Analyze Organics	0	16.0	0	16.0	410	6,560
Report Results	0.5	0	0.5	1.0	2,363	2,363
Maintain Records	0	0	0.1	0.1	2,363	236
<b>Annual Average Burden</b>						<b>17,291</b>
<b>Annual Average per Respondent Burden</b>						<b>7.32</b>

<sup>1</sup> Data from Registry of Laboratories Certified for Testing Drinking Water Parameters, February 1995.

**Exhibit 2. Estimated Laboratory Cost for Proficiency Testing**

Collection Activities	Labor Costs						O&M Costs	Total Average Annual Costs
	Manager at \$89.13/hr (A)	Chemist at \$53.96/hr (B)	Records Clerk at \$26.45/hr (C)	Labor Costs per Activity (D) = (A) + (B) + (C)	# of Labs (E)	Labor Costs/Year (F) = (D) * (E)	Standards at \$15.63/analyte (G) = (E) * \$15.63 * # of analytes	(all respondents) (H) = (F) + (G)
	<i>hourly rates * labor hours from Exhibit 6-1, columns (a)-(c)</i>							
Read Instructions	\$44.15	\$26.73	\$0.00	\$70.88	2,363	\$167,483	\$0	\$167,483
Plan Activities	\$17.66	\$0.00	\$0.00	\$17.66	2,363	\$41,730	\$0	\$41,730
Analyze Inorganics	\$0.00	\$175.60	\$0.00	\$175.60	1,082	\$190,003	\$475,467	\$665,470
Analyze Disinfection Byproducts	\$0.00	\$106.91	\$0.00	\$106.91	871	\$93,121	\$118,783	\$211,904
Analyze Organic Chemicals	\$0.00	\$855.30	\$0.00	\$855.30	410	\$350,673	\$323,059	\$673,732
Report Results	\$44.15	\$0.00	\$13.10	\$57.25	2,363	\$135,290	\$0	\$135,290
Maintain Records	\$0.00	\$0.00	\$2.62	\$2.62	2,363	\$6,193	\$0	\$6,193
<b>Average Annual Costs for All Laboratory Respondents</b>						\$984,493	\$917,310	\$1,901,802
<b>Average Annual Costs per Laboratory Respondent</b>						\$417	\$388	\$805

<sup>1</sup>Salaries from U.S. Department of Labor Statistics, May 2007, National Industry Specific Occupational Employment and Wage Estimates. Loaded by factor of 1.6 to account for benefits.

<sup>2</sup>U.S. Department of Labor Statistics, Natural Science Manager 11-9121.

<sup>3</sup>U.S. Department of Labor Statistics, Chemist 19-2031.

<sup>4</sup>U.S. Department of Labor Statistics, Information and Record Clerk 43-4199.

**Exhibit 3. Bottom Line Burden and Costs (for ICR period of October 2008-September 2011)**

<b>Cost/Burden</b>	<b>Total Across 3 ICR Years (October 2008-September 2011)</b>	<b>Average Per Year over ICR Years (October 2008-September 2011)</b>
<b>Number of Respondents (Laboratories)</b>	2,363	2,363
<b>Total Responses</b>	7,089	2,363
<b>Number of Responses per Lab</b>	3	1
<b>Burden Hours per Lab</b>	21.95	7.32
<b>Total Burden Hours (all 2,363 labs)</b>	51,874	17,291
<b>Hours per Response</b> (Total hours from above/Total responses from above)	21.95	7.32
<b>Per Laboratory Labor Costs</b>	\$1,250	\$417
<b>Total Labor Costs (all 2,363 labs)</b>	\$2,953,479	\$984,493
<b>Per Laboratory O&amp;M Costs</b>	\$1,165	\$388
<b>Total O&amp;M Costs (all 2,363 labs)</b>	\$2,751,929	\$917,310
<b>Total Lab Costs</b> (Labor plus O&M costs for all 2,363 labs)	\$5,705,407	\$1,901,802