

## Appendix A

# Federal Register Notices Soliciting Comment on Information Collection Requests

Environmental Response, Compensation and Liability Act, 42 U.S.C. 9604, 9606 and 9622 ("CERCLA"). Respondent's property is adjacent to the Frontier Fertilizer facility, and wells on Respondent's property are necessary for implementation of the remedial action at the Site. The Agreement requires that wells on Respondent's property be relocated under the oversight of EPA. The proposed Agreement includes EPA's covenant not to sue or to take administrative action against the Respondent, provided that the Respondent complies with all the terms and conditions of the Agreement. The Agreement also commits the Respondent to reimburse oversight costs incurred by EPA in connection with the work conducted under CERCLA at the Respondent's property.

For thirty (30) calendar days following the date of publication of this notice, EPA will receive written comments relating to the proposed Agreement. EPA's response to any comments received will be available for public inspection at the U.S. Environmental Protection Agency, 75 Hawthorne Street, San Francisco, CA 94105.

**DATES:** Comments must be submitted on or before March 17, 2008.

**Availability:** The proposed Agreement may be obtained from Judith Winchell, Docket Clerk, telephone (415) 972-3124. Comments regarding the proposed Agreement should be addressed to Judith Winchell (SFD-7) at United States EPA Region IX, 75 Hawthorne Street, San Francisco, California 94105, and should reference "Frontier Fertilizer Superfund Site," and "Docket No. R9-2008-01".

**FOR FURTHER INFORMATION CONTACT:** Michele Benson, Assistant Regional Counsel (ORC-3), Office of Regional Counsel, U.S. EPA Region IX, 75 Hawthorne Street, San Francisco, CA 94105; E-mail: [benson.michele@epa.gov](mailto:benson.michele@epa.gov); phone: (415) 972-3918.

Dated: January 15, 2008.

**Keith Takata,**

Director, Superfund Division, Region IX.  
[FR Doc. E8-2958 Filed 2-14-08; 8:45 am]

**BILLING CODE 6560-50-P**

## ENVIRONMENTAL PROTECTION AGENCY

[EPA-HQ-OW-2007-1197; FRL-8530-3]

### Agency Information Collection Activities; Proposed Collection; Comment Request; Disinfectants/Disinfection Byproducts, Chemical and Radionuclides Rules Renewal Information Collection Request (ICR); EPA ICR No. 1896.08, OMB Control No. 2040-0204

**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 June 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 April 15, 2008.

**ADDRESSES:** Submit your comments, identified by Docket ID No. EPA-HQ-OW-2007-1197, by one of the following methods:

- <http://www.regulations.gov>: Follow the on-line instructions for submitting comments.

- *E-mail:* [OW-Docket@epa.gov](mailto:OW-Docket@epa.gov).

- *Mail:* U.S. Environmental Protection Agency, EPA Docket Center (EPA/DC), Water Docket, MC: 4101T, 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-2007-1197. 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](mailto: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-2007-1197, 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 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:* Entities potentially affected by this action are new and existing public water systems (PWS), primacy agencies, and EPA.

*Title:* Disinfectants/Disinfection Byproducts, Chemical and Radionuclides Rules Renewal Information Collection Request (ICR).

*ICR numbers:* EPA ICR No. 1896.08, OMB Control No. 2040-0204.

*ICR status:* This ICR is currently scheduled to expire on June 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 Disinfectants/Disinfection Byproducts, Chemical and Radionuclides Rules ICR examines PWS, primacy agency and EPA burden and costs for recordkeeping and reporting requirements in support of the chemical drinking water regulations. These recordkeeping and reporting requirements are mandatory for compliance with 40 CFR parts 141 and 142. The following chemical regulations are included: The Stage 1 Disinfectants and Disinfection Byproducts Rule (Stage 1 DBPR), the Stage 2 Disinfectants and Disinfection Byproducts Rule (Stage 2 DBPR), the Chemical Phase Rules (Phases II/IIB/V), the 1976 Radionuclides Rule and 2000 Radionuclides Rule, the Total Trihalomethanes (TTHM) Rule, the Disinfectant Residual Monitoring and Associated Activities under the Surface Water Treatment Rule, the Arsenic Rule, and the Short-Term Revisions to the Lead and Copper Rule (LCR). Future chemical-related rulemakings, such as Radon, will be added to this consolidated ICR after the regulations are finalized and the initial, rule-specific, ICRs are due to expire.

*Burden Statement:* The annual public reporting and recordkeeping burden for this collection of information is estimated to average 0.40 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:* 161,274.

*Frequency of response:* Varies by requirement (i.e., on occasion, monthly, quarterly, semi-annually, annually, biennially, and every 3, 6, and 9 years).

*Estimated total average number of responses for each respondent:* 112.

*Estimated total annual burden hours:* 6,944,275 hours.

*Estimated total annualized capital/startup costs:* \$6,918,000.

*Estimated total annual maintenance and operational costs:* \$197,945,204.

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

There is an increase of about 262,962 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 Stage 2 DBPR and the Revisions to the LCR rules).

### 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: February 11, 2008.

**Cynthia C. Dougherty,**

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

[FR Doc. E8-2881 Filed 2-14-08; 8:45 am]

**BILLING CODE 6560-50-P**

## ENVIRONMENTAL PROTECTION AGENCY

[FRL-8530-1]

### Clean Water Act Section 303(d): Availability of List Decisions

**AGENCY:** Environmental Protection Agency.

**ACTION:** Notice of Availability.

**SUMMARY:** This notice announces the availability of EPA's Responsiveness Summary Concerning EPA's November 5, 2007, Public Notice of Final Decisions to Add Waters and Pollutants to Louisiana's 2006 section 303(d) List.

On November 5, 2007 EPA published a notice in the **Federal Register** at 72 FR 62476-62477 providing the public the opportunity to review its final decision to add waters and pollutants to Louisiana's 2006 section 303(d) List as required by EPA's Public Participation regulations (40 CFR part 25). Based on the Responsiveness Summary, an amended action is warranted and a total of five water body pollutant combinations were removed from EPA's Final Action on Louisiana's 2006 section 303(d) List. As a result of this amended Final Action, EPA is adding 133 water body pollutant combinations to Louisiana's 2006 section 303(d) List. A total of 478 water body pollutant combinations are now included in Louisiana's 2006 Final section 303(d) List. The basis for these decisions is described in EPA's Responsiveness Summary and the amended Record of Decision.

**ADDRESSES:** Copies of EPA's Responsiveness Summary Concerning EPA's November 5, 2007, Public Notice of Final Decisions to Add Waters and Pollutants to Louisiana's 2006 section 303(d) List can be obtained at EPA Region 6's Web site at <http://www.epa.gov/earth1r6/6wq/tmdl.htm>, or by writing or calling Ms. Diane Smith at Water Quality Protection Division, U.S. Environmental Protection Agency Region 6, 1445 Ross Ave., Dallas, TX 75202-2733, telephone (214) 665-2145, facsimile (214) 665-7373, or e-mail: [smith.diane@epa.gov](mailto:smith.diane@epa.gov). Underlying documents from the administrative record for these decisions are available for public inspection at the above address. Please contact Ms. Smith to schedule an inspection.

### FOR FURTHER INFORMATION CONTACT:

Diane Smith at (214) 665-2145.

**SUPPLEMENTARY INFORMATION:** Section 303(d) of the Clean Water Act (CWA) requires that each state identify those waters for which existing technology-based pollution controls are not stringent enough to attain or maintain state water quality standards. For those waters, states are required to establish Total Maximum Daily Loads (TMDLs) according to a priority ranking.

EPA's Water Quality Planning and Management regulations include requirements related to the implementation of section 303(d) of the CWA (40 CFR 130.7). The regulations require states to identify water quality limited waters still requiring TMDLs every 2 years. The list of waters still needing TMDLs must also include priority rankings and must identify the waters targeted for TMDL development during the next two years (40 CFR 130.7).

Consistent with EPA's regulations, Louisiana submitted to EPA its 2006 listing decisions under section 303(d) on February 12, 2007. On October 19, 2007, EPA approved Louisiana's 2006 listing of 347 water body-pollutant combinations and associated priority rankings. EPA disapproved Louisiana's 2006 listing decisions not to list 136 water quality limited segments. EPA identified these additional waters and pollutants along with priority rankings for inclusion on the 2006 section 303(d) Lists.

Dated: February 7, 2008.

**Miguel I. Flores,**

*Director, Water Quality Protection Division, Region 6.*

[FR Doc. E8-2894 Filed 2-14-08; 8:45 am]

**BILLING CODE 6560-50-P**

## ENVIRONMENTAL PROTECTION AGENCY

[FRL-8530-2; Docket ID No. EPA-HQ-ORD-2008-0057]

### Draft Toxicological Review of Thallium: In Support of the Summary Information in the Integrated Risk Information System (IRIS)

**AGENCY:** Environmental Protection Agency (EPA).

**ACTION:** Notice of Public Comment Period.

**SUMMARY:** EPA is announcing a public comment period for the external review draft document titled, "Toxicological Review of Thallium: In Support of Summary Information on the Integrated Risk Information System (IRIS)"

(NCEA-S-2949). The EPA intends to consider comments and recommendations from the public and the expert panel meeting, which will be scheduled at a later date and announced in the **Federal Register**, when EPA finalizes the draft document. The public comment period will provide opportunities for all interested parties to comment on the document. EPA intends to forward public comments submitted in accordance with this notice to the external peer-review panel prior to the meeting for their consideration.

EPA is releasing this draft document solely for the purpose of pre-dissemination public review under applicable information quality guidelines. This document has not been formally disseminated by EPA. It does not represent and should not be construed to represent any Agency policy or determination.

The draft document and EPA's peer-review charge are available via the Internet on NCEA's home page under the Recent Additions and the Data and Publications menus at <http://www.epa.gov/ncea>. When finalizing the draft document, EPA intends to consider any public comments that EPA receives in accordance with this notice.

**DATES:** The public comment period begins February 15, 2008, and ends April 15, 2008. Technical comments should be in writing and must be received by EPA by April 15, 2008. EPA intends to submit comments from the public received by this date for consideration by the external peer review panel.

**ADDRESSES:** The draft "Toxicological Review of Thallium: In Support of Summary Information on the Integrated Risk Information System (IRIS)" is available via the Internet on the National Center for Environmental Assessment's (NCEA) home page under the Recent Additions and the Data and Publications menus at <http://www.epa.gov/ncea>. A limited number of paper copies are available from NCEA's Technical Information Staff, telephone: 703-347-8561; facsimile: 703-347-8691. If you are requesting a paper copy, please provide your name, mailing address, and the document title. The 1988 Midwest Research Institute (MRI) study referenced in the draft Toxicological Review of Thallium is available by calling EPA's IRIS Hotline at 202-566-1676, by facsimile at 202-566-1749, or by e-mail at [hotline.iris@epa.gov](mailto:hotline.iris@epa.gov).

Comments may be submitted electronically via <http://www.regulations.gov>, by mail, by facsimile, or by hand delivery/courier.

## Appendix B

### Stage 1 Disinfectants/Disinfection Byproducts Rule Spreadsheets

### Exhibit 1a - Stage 1 DBPR PWS Burden and Cost Summary

Requirement	Avg. Annual Respondents	Avg. Annual Responses	Annual Burden	Annual Burden (Labor) Cost	Annual O&M Cost	Annual Capital Cost
TTHM/HAA5 Monitoring	48,034	131,140	196,710	\$6,042,382	\$40,439,757	N/A
TOC & Alkalinity Monitoring	3,056	111,701	83,776	\$2,573,369	\$5,446,713	N/A
Bromate Monitoring	508	6,449	2,150	\$66,031	\$820,330	N/A
Chlorine Dioxide Monitoring	419	188,810	31,468	\$966,621	\$4,068,168	N/A
Daily Chlorite Monitoring	383	185,370	0	\$0	\$0	N/A
Monthly Chlorite Monitoring	409	14,739	4,913	\$150,918	\$2,186,183	N/A
Residuals Monitoring	35,903	1,104,767	184,128	\$5,655,906	\$28,106,092	N/A
<b>Total</b>	<b>48,043</b>	<b>1,742,976</b>	<b>503,145</b>	<b>\$15,455,228</b>	<b>\$81,067,243</b>	<b>N/A</b>

Note: Respondent detail does not add to total because some respondents are subject to multiple activities.

### Exhibit 1b - Stage 1 DBPR Primacy Agency Burden and Cost Summary

Requirement	Annual Respondents	Avg. Annual Responses	Annual Burden	Annual Burden (Labor) Cost	Annual O&M Cost	Annual Capital Cost
Recordkeeping	57	48,043	145,168	\$6,213,055	N/A	N/A
<b>Total</b>	<b>57</b>	<b>48,043</b>	<b>145,168</b>	<b>\$6,213,055</b>	<b>N/A</b>	<b>N/A</b>

**Exhibit 2 - Average Number of TCR Samples per Month for Ground Water Systems**

**Ground Water**

Population Range	Routine	Repeat	Additional Routines next mo	CWSs		NTNCWSs		TNCWSs		Total PWSs	
	A	B	C	Systems	Samples	Systems	Samples*	Systems	Samples*	Systems	Samples
≤500	1	4	4	26,010	26,010	15,539	5,128	80,160	26,453	121,708	57,590
501-1k	1	4	4	4,511	4,511	1,741	575	1,999	660	8,251	5,745
1,001-2.5K	2	3	3	4,655	9,311	692	1,384	573	1,146	5,920	11,841
2,501-3.3K	3	3	2	1,115	3,344	73	219	41	123	1,229	3,686
3,301-4.1K	4	3	1	737	2,948	42	168	28	112	807	3,228
4,101-4.9K	5	3	0	489	2,445	13	65	14	70	516	2,580
4,901-5.8K	6	3	0	455	2,728	14	84	15	88	483	2,900
5,801-6.7K	7	3	0	317	2,219	10	70	3	21	330	2,310
6,701-7.6K	8	3	0	254	2,032	10	80	10	80	274	2,192
7,601-8.5K	9	3	0	232	2,088	4	36	5	45	241	2,169
8,501-10k	10	3	0	312	3,120	7	70	5	50	324	3,240
10,001-12.9k	10	3	0	315	3,150	5	50	2	20	322	3,220
12,901-17.2K	15	3	0	338	5,070	3	45	5	75	346	5,190
17,201-21.5K	20	3	0	190	3,800	1	20	0	0	191	3,820
21,501-25K	25	3	0	134	3,350	0	0	2	50	136	3,400
25,001-33K	30	3	0	177	5,310	3	90	0	0	180	5,400
33,001-41K	40	3	0	121	4,840	1	40	0	0	122	4,880
41,001-50K	50	3	0	72	3,600	2	75	0	0	74	3,675
50,001-59K	60	3	0	59	3,540	0	0	1	60	60	3,600
59,001-70K	70	3	0	47	3,290	0	0	1	70	48	3,360
70,001-83K	80	3	0	29	2,320	0	0	0	0	29	2,320
83,001-96K	90	3	0	12	1,080	0	0	0	0	12	1,080
96,001-130K	100	3	0	32	3,200	0	0	1	100	33	3,300
130,001-220K	120	3	0	29	3,480	0	0	0	0	29	3,480
220,001-320K	150	3	0	5	750	0	0	0	0	5	750
320,001-450K	180	3	0	4	720	0	0	0	0	4	720
450,001-600K	210	3	0	2	420	0	0	0	0	2	420
600,001-780K	240	3	0	2	480	0	0	1	240	3	720
780,001-970K	270	3	0	1	270	0	0	0	0	1	270
970,001-1,230K	300	3	0	1	300	0	0	0	0	1	300
1,230,001-1,520K	330	3	0	1	330	0	0	0	0	1	330
1,520,001-1,850K	360	3	0	0	0	0	0	0	0	0	0
1,850,001-2,270K	390	3	0	1	390	0	0	0	0	1	390
2,270,001-3,020K	420	3	0	0	0	0	0	0	0	0	0
3,020,001-3,960K	450	3	0	0	0	0	0	0	0	0	0
Over 3,960K	480	3	0	0	0	0	0	0	0	0	0
<b>Total</b>				<b>40,658</b>	<b>110,445</b>	<b>18,159</b>	<b>8,198</b>	<b>82,865</b>	<b>29,463</b>	<b>141,683</b>	<b>148,106</b>

\* GW noncommunity systems serving 1,000 or fewer monitor quarterly rather than monthly.

**Exhibit 3 - System Inventory and Numbers of Plants/Entry Points**

Population Category	Systems (SW/GWUDI)			Systems (Groundwater)			% GW Systems Disinfecting			Systems (Disinfecting Groundwater)		
	CWS	NTNC	TNC	CWS	NTNC	TNC	CWS	NTNC	TNC	CWS	NTNC	TNC
	A	B	C	D	E	F	G	H	I	J=D*G	K=E*H	L=F*I
<100	1,179	259	1,238	12,091	8,873	60,800	74%	29%	18%	8,955	2,573	10,944
101-500	2,093	236	475	13,919	6,666	19,360	74%	29%	18%	10,310	1,933	3,485
501-1,000	1,167	88	82	4,511	1,741	1,999	74%	29%	18%	3,341	505	360
1,001-3,300	2,458	68	56	5,770	765	614	74%	29%	18%	4,274	222	111
3,301-10K	2,026	20	22	2,796	100	80	82%	29%	18%	2,286	29	14
10,001-50K	1,828	6	3	1,347	15	9	93%	29%	18%	1,256	4	2
50,001-100K	378	1	0	149	0	3	93%	29%	18%	139	0	1
100,001-1M	306	1	1	73	0	1	98%	29%	18%	72	0	0
>1M	16	0	1	3	0	0	98%	29%	18%	3	0	0
<b>Total</b>	<b>11,452</b>	<b>680</b>	<b>1,878</b>	<b>40,658</b>	<b>18,159</b>	<b>82,865</b>				<b>30,637</b>	<b>5,266</b>	<b>14,916</b>

Population Category	Plants Per System (SW/GWUDI)			Entry Points Per System (SW/GWUDI)			Plants Per System (Disinfecting Groundwater)			Entry Points Per System (Disinfecting Groundwater)		
	CWS	NTNC	TNC	CWS	NTNC	TNC	CWS	NTNC	TNC	CWS	NTNC	TNC
	M	N	O	P	Q	R	S	T	U	V	W	X
<100	1.00	1.0	1.0	1.00	1.0	1.0	0.93	1.0	1.0	0.93	1.0	1.0
101-500	1.00	1.0	1.0	1.00	1.0	1.0	0.93	1.0	1.0	0.93	1.0	1.0
501-1,000	1.04	1.0	1.0	1.04	1.0	1.0	1.34	1.0	1.0	1.34	1.0	1.0
1,001-3,300	1.04	1.0	1.0	1.04	1.0	1.0	1.34	1.0	1.0	1.34	1.0	1.0
3,301-10K	1.05	1.0	1.0	1.05	1.0	1.0	1.90	1.0	1.0	1.90	1.0	1.0
10,001-50K	1.11	1.0	1.0	1.11	1.0	1.0	2.70	1.0	1.0	2.70	1.0	1.0
50,001-100K	1.11	1.0	1.0	1.11	1.0	1.0	2.70	1.0	1.0	2.70	1.0	1.0
100,001-1M	1.64	1.0	1.0	1.64	1.0	1.0	8.38	1.0	1.0	8.38	1.0	1.0
>1M	1.64	1.0	1.0	1.64	1.0	1.0	8.38	1.0	1.0	8.38	1.0	1.0

Population Category	Total Plants (SW/GWUDI)			Total Entry Points (SW/GWUDI)			Total Plants (Disinfecting Groundwater)			Total Entry Points (Disinfecting Groundwater)		
	CWS	NTNC	TNC	CWS	NTNC	TNC	CWS	NTNC	TNC	CWS	NTNC	TNC
	Y=A*M	Z=B*N	AA=C*O	AB=A*P	AC=B*X	AD=C*R	AE=J*S	AF=K*T	AG=L*U	AH=J*V	AI=K*W	AJ=L*X
<100	1,179	259	1,238	1,179	259	1,238	8,329	2,573	10,944	8,329	2,573	10,944
101-500	2,093	236	475	2,093	236	475	9,588	1,933	3,485	9,588	1,933	3,485
501-1,000	1,214	88	82	1,214	88	82	4,477	505	360	4,477	505	360
1,001-3,300	2,556	68	56	2,556	68	56	5,727	222	111	5,727	222	111
3,301-10K	2,128	20	22	2,128	20	22	4,344	29	14	4,344	29	14
10,001-50K	2,029	6	3	2,029	6	3	3,391	4	2	3,391	4	2
50,001-100K	420	1	0	420	1	0	375	0	1	375	0	1
100,001-1M	502	1	1	502	1	1	602	0	0	602	0	0
>1M	26	0	1	26	0	1	25	0	0	25	0	0
<b>Total</b>	<b>12,147</b>	<b>680</b>	<b>1,878</b>	<b>12,147</b>	<b>680</b>	<b>1,878</b>	<b>36,858</b>	<b>5,266</b>	<b>14,916</b>	<b>36,858</b>	<b>5,266</b>	<b>14,916</b>

Sources: Baseline number of systems from SDWIS/FED Data from October 2007. The percent of ground water CWSs that disinfect is from Exhibit 6.5 of the draft final modeled systems report prepared for EPA by the Cadmus Group, Inc., in September 2005. The report is based on the 2000 Community Water Systems Survey. The percentages represent the number of ground water systems that disinfect at least one entry point. The percent of NTNC ground water systems disinfecting was derived from Ground Water Disinfection and Protective Practices in the United States (USEPA, 1996).

Note: Source was not specified for some systems. These PWSs were assigned to SW or GW categories based on the ratio of SW to GW systems within a given size category.

Entry pts for CWSs: From Exhibits 5.1 and 5.2 of the Draft Final Model Systems Report prepared for EPA by the Cadmus Group, Inc., in March 2005. The exhibits are an analysis of data from the 2000 Community Water System Survey. Includes treated entry points. Excludes 2 outlier systems that had more than 100 entry points, as well as 27 systems that provided insufficient information on their treated entry points.



### Exhibit 4 - Derivation of Filtered System Inventory (for Systems Monitoring TOC and Alkalinity)

Population Category	Surface Water and GWUDI			Non-Purchased Surface Water/GWUDI			Unfiltered Surface Water and GWUDI			Filtered Surface Water and GWUDI		
	CWS	NTNC	TNC	CWS	NTNC	TNC	CWS	NTNC	TNC	CWS	NTNC	TNC
	A	B	C	D	E	F	G	H	I	J=D-G	K=E-H	L=F-I
<100	1,179	259	1,238	438	129	636	1	0	0	437	129	636
101-500	2,093	236	475	659	148	375	4	0	0	655	148	375
501-1,000	1,167	88	82	365	60	62	3	0	0	362	60	62
1,001-3,300	2,458	68	56	944	33	44	15	0	0	929	33	44
3,301-10K	2,026	20	22	1,005	5	19	14	0	0	991	5	19
10,001-50K	1,828	6	3	962	2	2	14	0	0	948	2	2
50,001-100K	378	1	0	218	0	0	4	0	0	214	0	0
100,001-1M	306	1	1	230	0	1	4	0	0	226	0	1
>1M	16	0	1	15	0	0	1	0	0	14	0	0
<b>Total</b>	<b>11,452</b>	<b>680</b>	<b>1,878</b>	<b>4,837</b>	<b>377</b>	<b>1,139</b>	<b>60</b>	<b>0</b>	<b>0</b>	<b>4,777</b>	<b>377</b>	<b>1,139</b>

Population Category	Plants Per System (SW/GWUDI)			Total Filtered Plants (SW/GWUDI)			Percentage of Filtered Plants Using Conventional Filtration			Total Filtered Plants Using Conventional Filtration		
	CWS	NTNC	TNC	CWS	NTNC	TNC	CWS	NTNC	TNC	CWS	NTNC	TNC
	M	N	O	P=J*M	Q=K*N	R=L*O	S	T	U	V=P*S	W=Q*T	X=R*U
<100	1.0	1.0	1.0	437	129	636	52.9%	52.9%	52.9%	231	68	337
101-500	1.0	1.0	1.0	655	148	375	52.9%	52.9%	52.9%	347	78	199
501-1,000	1.0	1.0	1.0	377	60	62	52.9%	52.9%	52.9%	199	32	33
1,001-3,300	1.0	1.0	1.0	967	33	44	52.9%	52.9%	52.9%	512	17	23
3,301-10K	1.1	1.0	1.0	1,041	5	19	52.9%	52.9%	52.9%	551	3	10
10,001-50K	1.1	1.0	1.0	1,052	2	2	76.3%	76.3%	76.3%	803	2	2
50,001-100K	1.1	1.0	1.0	238	0	0	76.3%	76.3%	76.3%	181	0	0
100,001-1M	1.6	1.0	1.0	371	0	1	76.3%	76.3%	76.3%	283	0	1
>1M	1.6	1.0	1.0	23	0	0	76.3%	76.3%	76.3%	18	0	0
<b>Total</b>				<b>5,160</b>	<b>377</b>	<b>1,139</b>				<b>3,124</b>	<b>200</b>	<b>604</b>

[A] - [F] Number of systems from SDWIS/FED Data from October 2007.

[G] Number of unfiltered systems from Long Term 2 Enhanced Surface Water Treatment Rule ICR.

[M] From Exhibit 5.1 of the Draft Final Model Systems Report prepared for EPA by the Cadmus Group, Inc., in March 2005. The exhibit is an analysis of data from the 2000 Community Water System Survey. Includes treated entry points. Excludes 2 outlier systems that had more than 100 entry points, as well as 27 systems that provided insufficient information on their treated entry points.

[N], [O] Assumed to be 1.0.

[S] - [U] Percentages of systems using conventional filtration from analysis of 2000 CWSS data; percentages applied to noncommunity systems since no noncommunity percentages are available.

**Exhibit 5 - TTHM/HAA5 Monitoring Burden and Costs  
(Paired TTHM/HAA5 Samples)**

**PWSs - SW/GWUDI**

Population Category	Hourly Labor Rate	Number of Plants		Applicability (Is Monitoring Required?)			Annual Samples Required Per Plant	Total Samples Required Per Plant	Total Sampling Burden Per Plant (1.5 hr/sample)	O&M (Analytical) Cost Per Sample	Total O&M (Analytical) Cost Per Plant	Total Burden Hours	Average Annual Burden Hours	Average Annual Labor Cost	Total O&M Cost	Average Annual O&M Cost
		CWS	NTNC	Year 1	Year 2	Year 3										
	A	B	C	D	E	F	G	H	I	J	K=H*J	L=I*(B+C)	M=L/3	N=M*A	O=(B+C)*K	P=O/3
<500	\$30.72	3,272	495	Yes	Yes	Yes	1	3	5	\$270	\$811	16,953	5,651	\$173,582	\$3,056,551	\$1,018,850
501-3,300	\$30.72	3,770	156	Yes	Yes	Yes	4	12	18	\$270	\$3,245	70,671	23,557	\$723,611	\$12,741,863	\$4,247,288
3,301-10K	\$30.72	2,128	20	Yes	Yes	Yes	4	12	18	\$270	\$3,245	38,659	12,886	\$395,837	\$6,970,178	\$2,323,393
10,001-50K	\$30.72	2,029	6	Yes	Yes	Yes	16	48	72	\$237	\$11,359	146,546	48,849	\$1,500,501	\$23,119,181	\$7,706,394
>50K	\$30.72	948	2	Yes	Yes	Yes	16	48	72	\$237	\$11,359	68,376	22,792	\$700,103	\$10,786,937	\$3,595,646
<b>Total</b>		<b>12,147</b>	<b>680</b>									<b>341,205</b>	<b>113,735</b>	<b>\$3,493,633</b>	<b>56,674,711</b>	<b>18,891,570</b>

Note: Burden estimates take into account the results of the February 2008 consultation with water industry representatives.

Source: Samples per plant carried forward from the 1998 Stage 1 DBPR RIA and ICR. Sampling burden based on Information Collection Rule.

[B], [C] from "System Inventory and Number of Plants/Entry Points" (Exhibit 3)

[J] Sampling cost includes analysis of both TTHM and HAA5. Laboratory cost is from Stage 2 DBPR ICR and is based on costs incurred for the Information Collection Rule. \$11 shipping is added for large systems as many large systems have in-house capacity and will not have to ship. \$45 is added for small systems because of higher shipping charges and fewer samples (no bulk discounts) and because fewer small systems have in-house labs.

**PWSs - Groundwater**

Population Category	Hourly Labor Rate	Number of Plants		Applicability (Is Monitoring Required?)			Annual Samples Required Per Plant	Total Samples Required Per Plant	Total Sampling Burden Per Plant (1.5 hr/sample)	O&M (Analytical) Cost Per Sample	Total O&M (Analytical) Cost Per Plant	Total Burden Hours	Average Annual Burden Hours	Average Annual Labor Cost	Total O&M Cost	Average Annual O&M Cost
		CWS	NTNC	Year 1	Year 2	Year 3										
	Q	R	S	T	U	V	W	X	Y	Z	AA=X*Z	AB=Y(R+S)	AC=AB/3	AD=AC*Q	AE=(R+S)*AA	AF=AE/3
<500	\$30.72	17,917	4,506	Yes	Yes	Yes	1	3	5	\$270	\$1,217	100,904	33,635	\$1,033,169	\$27,289,195	\$9,096,398
501-3,300	\$30.72	10,204	727	Yes	Yes	Yes	1	3	5	\$270	\$1,217	49,189	16,396	\$503,651	\$13,302,983	\$4,434,328
3,301-10K	\$30.72	4,344	29	Yes	Yes	Yes	1	3	5	\$270	\$1,217	19,678	6,559	\$201,482	\$5,321,763	\$1,773,921
10,001-50K	\$30.72	3,391	4	Yes	Yes	Yes	4	12	18	\$237	\$4,260	61,115	20,372	\$625,766	\$14,462,363	\$4,820,788
>50K	\$30.72	1,002	0	Yes	Yes	Yes	4	12	18	\$237	\$4,260	18,037	6,012	\$184,681	\$4,268,254	\$1,422,751
<b>Total</b>		<b>36,858</b>	<b>5,266</b>									<b>248,923</b>	<b>82,974</b>	<b>\$2,548,749</b>	<b>64,644,559</b>	<b>21,548,186</b>

Note: Burden estimates take into account the results of the February 2008 consultation with water industry representatives.

Source: Samples per plant carried forward from the 1998 Stage 1 DBPR RIA and ICR. Sampling burden based on Information Collection Rule.

[B], [C] from "System Inventory and Number of Plants/Entry Points" (Exhibit 3)

[Z] Sampling cost includes analysis of both TTHM and HAA5. Laboratory cost is from Stage 2 DBPR ICR and is based on costs incurred for the Information Collection Rule. \$11 shipping is added for large systems as many large systems have in-house capacity and will not have to ship. \$45 is added for small systems because of higher shipping charges and fewer samples (no bulk discounts) and because fewer small systems have in-house labs.

**Exhibit 6 - Disinfection Byproduct Precursor Monitoring Burden and Costs  
(Paired TOC and Alkalinity Samples)**

TOC Samples																						
Population Category	Hourly Labor Rate	Number of Plants		Number of Plants		Applicability (Is Monitoring Required?)			Annual Samples Required Per Plant	Annual Samples for Reduced Monitoring	Total Samples Required Per Plant	Total Samples Required Per Plant (Reduced)	Total Sampling Burden Per Plant	Total Sampling Burden Per Plant (Reduced)	O&M (Analytical) Cost Per Sample	Total O&M (Analytical) Cost Per Plant	Total O&M (Analytical) Cost Per Plant (Reduced)	Total Burden Hours	Average Annual Burden Hours	Average Annual Labor Cost	Total O&M Cost	Average Annual O&M Cost
		CWS	NTNC	CWS	NTNC	Year 1	Year 2	Year 3														
				(10% reduced after yr. 1)					(2 per month)	(2 per quarter)			(0.75 hr per sample)	(0.75 hr per sample)								
	A	B	C	D=B*0.1	E=C*0.1				F	G	H	I	J=H*0.75	K=I*0.75	L	M=H*L	N=I*L	O	P=O/3	Q=P*A	R	S=R/3
<500	\$30.72	578	147	58	15	Yes	Yes	Yes	24	8	72	24	54	18	\$70	\$5,037	\$1,679	36,540	12,180	\$374,135	\$3,408,537	\$1,136,179
501-3,300	\$30.72	711	49	71	5	Yes	Yes	Yes	24	8	72	24	54	18	\$70	\$5,037	\$1,679	38,318	12,773	\$392,339	\$3,574,387	\$1,191,462
3,301-10K	\$30.72	551	3	55	0	Yes	Yes	Yes	24	8	72	24	54	18	\$70	\$5,037	\$1,679	27,903	9,301	\$285,701	\$2,602,863	\$867,621
10,001-50K	\$30.72	803	2	80	0	Yes	Yes	Yes	24	8	72	24	54	18	\$70	\$5,037	\$1,679	40,530	13,510	\$414,993	\$3,780,773	\$1,260,258
>50K	\$30.72	481	0	48	0	Yes	Yes	Yes	24	8	72	24	54	18	\$70	\$5,037	\$1,679	24,261	8,087	\$248,411	\$2,263,138	\$754,379
<b>Total</b>		<b>3,124</b>	<b>200</b>	<b>312</b>	<b>20</b>													<b>167,552</b>	<b>55,851</b>	<b>\$1,715,580</b>	<b>\$15,629,698</b>	<b>\$5,209,899</b>

Notes:  
 1) Burden estimates take into account the results of the February 2008 consultation with water industry representatives.  
 2) TOC and alkalinity samples applicable to Subpart H (SW and GWUDI) systems using conventional filtration only.  
 Source: Numbers of samples, applicability, and costs carried forward from the 1998 Stage 1 DBPR RIA and ICR.  
 [F], [G] The two samples are comprised of one sample at the plant and one sample in source water.  
 [O], [R] Assumes 90 percent of plants will conduct routine monitoring and 10 percent will conduct reduced monitoring.

Alkalinity Samples																						
Population Category	Hourly Labor Rate	Number of Plants		Number of Plants (Reduced Monitoring)		Applicability (Is Monitoring Required?)			Annual Samples Required Per Plant	Reduced Monitoring	Total Samples Required Per Plant	Total Samples Required Per Plant (Reduced)	Total Sampling Burden Per Plant	Total Sampling Burden Per Plant (Reduced)	O&M (Analytical) Cost Per Sample	Total O&M (Analytical) Cost Per Plant	Total O&M (Analytical) Cost Per Plant (Reduced)	Total Burden Hours	Average Annual Burden Hours	Average Annual Labor Cost	Total O&M Cost	Average Annual O&M Cost
		CWS	NTNC	CWS	NTNC	Year 1	Year 2	Year 3														
				(10% reduced after yr. 1)					(1 per month)	(1 per quarter)			(0.75 hr per sample)	(0.75 hr per sample)								
	T	U	V	W	X				Y	Z	AA	AB	AC=AA*0.75	AD=AB*0.75	AE	AF=AA*AE	AG=AB*AE	AH	AI=AH/3	AJ=AI*T	AK	AL=AK/3
<500	\$30.72	578	147	58	15	Yes	Yes	Yes	12	4	36	12	27	9	\$6	\$229	\$76	18,270	6,090	\$187,067	\$154,933	\$51,644
501-3,300	\$30.72	711	49	71	5	Yes	Yes	Yes	12	4	36	12	27	9	\$6	\$229	\$76	19,159	6,386	\$196,170	\$162,472	\$54,157
3,301-10K	\$30.72	551	3	55	0	Yes	Yes	Yes	12	4	36	12	27	9	\$6	\$229	\$76	13,951	4,650	\$142,850	\$118,312	\$39,437
10,001-50K	\$30.72	803	2	80	0	Yes	Yes	Yes	12	4	36	12	27	9	\$6	\$229	\$76	20,265	6,755	\$207,497	\$171,853	\$57,284
>50K	\$30.72	481	0	48	0	Yes	Yes	Yes	12	4	36	12	27	9	\$6	\$229	\$76	12,131	4,044	\$124,206	\$102,870	\$34,290
<b>Total</b>		<b>3,124</b>	<b>200</b>	<b>312</b>	<b>20</b>													<b>83,776</b>	<b>27,925</b>	<b>\$857,790</b>	<b>\$710,441</b>	<b>\$236,814</b>

Notes:  
 1) Burden estimates take into account the results of the February 2008 consultation with water industry representatives.  
 2) TOC and alkalinity samples applicable to Subpart H (SW and GWUDI) systems using conventional filtration only.  
 Source: Numbers of samples, applicability, and costs carried forward from the 1998 Stage 1 DBPR RIA and ICR.  
 [AH], [AK] Assumes 90 percent of plants will conduct routine monitoring and 10 percent will conduct reduced monitoring.  
 [Y], [Z] Includes one sample in source water at the same time that paired TOC samples are taken.

**Exhibit 7 - Bromate Monitoring Burden and Costs**

**PWSs - SW/GWUDI**

Population Category	Hourly Labor Rate	Number of Plants		Percent of Plants Using Ozone	Number of Affected Plants CWS & NTNC	Applicability (Is Monitoring Required?)			Annual Samples Required Per Plant (1 per month)	Total Samples Required Per Plant J=I*3	Total Sampling Burden Per Plant (20 min. per sample)	O&M (Analytical) Cost Per Sample L	Total O&M (Analytical) Cost Per Plant M=J*L	Total Burden Hours N=K*E	Average Annual Burden Hours O=N/3	Average Annual Labor Cost P=O*A	Total O&M Cost Q=E*M	Average Annual O&M Cost R=Q/3
		CWS	NTNC			Year 1	Year 2	Year 3										
	A	B	C	D	E=(B+C)*D	F	G	H	I	J=I*3	K=J*0.33	L	M=J*L	N=K*E	O=N/3	P=O*A	Q=E*M	R=Q/3
101-1,000	\$30.72	3,307	324	4.5%	163	Yes	Yes	Yes	12	36	12	\$127	\$4,579	1,960	653	\$20,074	\$748,147	\$249,382
1,001-10K	\$30.72	4,684	88	4.5%	215	Yes	Yes	Yes	12	36	12	\$127	\$4,579	2,577	859	\$26,385	\$983,373	\$327,791
10,001-100K	\$30.72	2,449	7	3.4%	84	Yes	Yes	Yes	12	36	12	\$127	\$4,579	1,002	334	\$10,260	\$382,384	\$127,461
>100K	\$30.72	528	1	8.9%	47	Yes	Yes	Yes	12	36	12	\$127	\$4,579	565	188	\$5,786	\$215,632	\$71,877
<b>Total</b>		<b>10,967</b>	<b>420</b>		<b>509</b>									<b>6,104</b>	<b>2,035</b>	<b>\$62,504</b>	<b>\$2,329,536</b>	<b>\$776,512</b>

Note: Bromate is a byproduct of ozone disinfection. Surface water systems serving ≤100 people are not expected to use ozone (therefore no bromate sampling requirements).

Burden estimates take into account the results of the February 2008 consultation with water industry representatives.

Source: Percentage of plants using ozone from Exhibit 6.6 of draft modeled systems report prepared by the Cadmus Group, Inc., for EPA in September 2005. Report used data from the 2000 Community Water Systems Survey. Numbers of samples, applicability, burden, and costs carried forward from the 1998 Stage 1 DBPR RIA and ICR.

**PWSs - Groundwater**

Population Category	Hourly Labor Rate	Number of Plants		Percent of Plants Using Ozone	Number of Affected Plants CWS & NTNC	Applicability (Is Monitoring Required?)			Annual Samples Required Per Plant	Total Samples Required Per Plant J=I*3	Total Sampling Burden Per Plant K=J*0.33	O&M (Analytical) Cost Per Sample L	Total O&M (Analytical) Cost Per Plant M=J*L	Total Burden Hours N=K*E	Average Annual Burden Hours O=N/3	Average Annual Labor Cost P=O*A	Total O&M Cost Q=E*M	Average Annual O&M Cost R=Q/3
		CWS	NTNC			Year 1	Year 2	Year 3										
	A	B	C	D	E=(B+C)*D	F	G	H	I	J=I*3	K=J*0.33	L	M=J*L	N=K*E	O=N/3	P=O*A	Q=E*M	R=Q/3
101-1,000	\$30.72	14,065	2,438	0.1%	17	Yes	Yes	Yes	12	36	12	\$127	\$4,579	198	66	\$2,028	\$75,575	\$25,192
1,001-10K	\$30.72	10,071	251	0.1%	10	Yes	Yes	Yes	12	36	12	\$127	\$4,579	124	41	\$1,268	\$47,266	\$15,755
10,001-100K	\$30.72	3,766	4	0.0%	0	Yes	Yes	Yes	12	36	12	\$127	\$4,579	0	0	\$0	\$0	\$0
>100K	\$30.72	627	0	0.3%	2	Yes	Yes	Yes	12	36	12	\$127	\$4,579	23	8	\$231	\$8,613	\$2,871
<b>Total</b>		<b>28,529</b>	<b>2,693</b>		<b>29</b>									<b>344</b>	<b>115</b>	<b>\$3,527</b>	<b>\$131,455</b>	<b>\$43,818</b>

Note: Burden estimates take into account the results of the February 2008 consultation with water industry representatives.

Groundwater systems serving ≤100 people are not expected to use ozone (therefore no bromate sampling requirements).

Source: Percentage of plants using ozone from Exhibit 6.6 of draft modeled systems report prepared by the Cadmus Group, Inc., for EPA in September 2005. Report used data from the 2000 Community Water Systems Survey. Numbers of samples, applicability, burden, and costs carried forward from the 1998 Stage 1 DBPR RIA and ICR.

**Exhibit 8 - Chlorine Dioxide Monitoring Burden and Costs**

**PWSs - SW/GWUDI**

Population Category	Hourly Labor Rate	Number of Entry Points			Percent Chlorine Dioxide	Number of Affected Entry Points	Applicability (Is Monitoring Required?)			Annual Samples Required Per Plant	Total Samples Required Per Plant	Total Sampling Burden Per Plant (hrs)	O&M (Analytical) Cost Per Sample	Total O&M (Analytical) Cost Per Plant	Total Burden Hours	Average Annual Burden Hours	Average Annual Labor Cost	Total O&M Cost	Average Annual O&M Cost	
		CWS	NTNC	TNC			All PWSs	Year 1	Year 2											Year 3
		A	B	C			D	E	F=(B+C+D)*E											G
											(1 per day)									
101-1,000	\$30.72	3,307	324	557	1.4%	59	Yes	Yes	Yes	365	1,095	183	\$25	\$27,858	10,699	3,566	\$109,551	\$1,633,180	\$544,393	
1,001-10K	\$30.72	4,684	88	78	1.4%	68	Yes	Yes	Yes	365	1,095	183	\$25	\$27,858	12,392	4,131	\$126,887	\$1,891,629	\$630,543	
10,001-100K	\$30.72	2,449	7	3	10.9%	268	Yes	Yes	Yes	365	1,095	183	\$25	\$27,858	48,915	16,305	\$500,841	\$7,466,537	\$2,488,846	
>100K	\$30.72	528	1	2	8.2%	44	Yes	Yes	Yes	365	1,095	183	\$25	\$27,858	7,948	2,649	\$81,376	\$1,213,159	\$404,386	
<b>Total</b>		<b>10,967</b>	<b>420</b>	<b>640</b>		<b>438</b>									<b>79,954</b>	<b>26,651</b>	<b>\$818,654</b>	<b>\$12,204,505</b>	<b>\$4,068,168</b>	

Note: Surface water systems serving ≤100 people are not expected to use chlorine dioxide (therefore no sampling requirements).

Burden estimates take into account the results of the February 2008 consultation with water industry representatives.

Source: Percentage of entry points using chlorine dioxide from Exhibit 6.6 of draft modeled systems report prepared by the Cadmus Group, Inc., for EPA in September 2005. Report used data from the 2000 Community Water Systems Survey.

Numbers of samples, applicability, burden, and costs carried forward from the 1998 Stage 1 DBPR RIA and ICR.

**PWSs - Groundwater**

Population Category	Hourly Labor Rate	Number of Entry Points			Percent Chlorine Dioxide	Number of Affected Entry Points	Applicability (Is Monitoring Required?)			Annual Samples Required Per Plant	Total Samples Required Per Plant	Total Sampling Burden Per Plant	O&M (Analytical) Cost Per Sample	Total O&M (Analytical) Cost Per Plant	Total Burden Hours	Average Annual Burden Hours	Average Annual Labor Cost	Total O&M Cost	Average Annual O&M Cost	
		CWS	NTNC	TNC			All PWSs	Year 1	Year 2											Year 3
		A	B	C			D	E	F=(B+C+D)*E											G
											(1 per day)									
101-1,000	\$30.72	14,065	2,438	3,845	0.0%	0	Yes	Yes	Yes	365	1,095	183	\$25	\$27,858	0	0	\$0	\$0	\$0	
1,001-10K	\$30.72	10,071	251	125	0.0%	0	Yes	Yes	Yes	365	1,095	183	\$25	\$27,858	0	0	\$0	\$0	\$0	
10,001-100K	\$30.72	3,766	4	2	1.7%	64	Yes	Yes	Yes	365	1,095	183	\$25	\$27,858	11,704	3,901	\$119,842	\$1,786,608	\$595,536	
>100K	\$30.72	627	0	0	2.4%	15	Yes	Yes	Yes	365	1,095	183	\$25	\$27,858	2,747	916	\$28,125	\$419,285	\$139,762	
<b>Total</b>		<b>28,529</b>	<b>2,693</b>	<b>3,972</b>		<b>79</b>									<b>14,451</b>	<b>4,817</b>	<b>\$147,967</b>	<b>\$2,205,893</b>	<b>\$735,298</b>	

Note: Groundwater systems serving ≤10,000 people are not expected to use chlorine dioxide (therefore no sampling requirements).

Burden estimates take into account the results of the February 2008 consultation with water industry representatives.

Source: Percentage of entry points using chlorine dioxide from Exhibit 6.6 of draft modeled systems report prepared by the Cadmus Group, Inc., for EPA in September 2005. Report used data from the 2000 Community Water Systems Survey.

Numbers of samples, applicability, burden, and costs carried forward from the 1998 Stage 1 DBPR RIA and ICR.

**Exhibit 9 - Daily Chlorite Monitoring Burden and Costs**

**PWSs - SW/GWUDI**

Population Category	Hourly Labor Rate	Number of Entry Points		Percent Chlorine Dioxide	Number of Affected Entry Points	Applicability (Is Monitoring Required?)			Annual Samples Required Per Plant	Total Samples Required Per Plant	Total Sampling Burden Per Plant (hrs)	O&M (Analytical) Cost Per Sample	Total O&M (Analytical) Cost Per Plant	Total Burden Hours	Average Annual Burden Hours	Average Annual Labor Cost	Total O&M Cost	Average Annual O&M Cost
		CWS	NTNC			All PWSs	Year 1	Year 2										
									(1 per day)		(part of CLO2 daily)							
	A	B	C	D	E=(B+C)*D	F	G	H	I	J	K	L	M=J*L	N=K*E	O=N/3	P=O*A	Q=E*M	R=Q/3
101-1,000	\$30.72	3,307	324	1.4%	51	Yes	Yes	Yes	365	1,095	0	\$0	\$0	0	0	\$0	\$0	\$0
1,001-10K	\$30.72	4,684	88	1.4%	67	Yes	Yes	Yes	365	1,095	0	\$0	\$0	0	0	\$0	\$0	\$0
10,001-100K	\$30.72	2,449	7	10.9%	268	Yes	Yes	Yes	365	1,095	0	\$0	\$0	0	0	\$0	\$0	\$0
>100K	\$30.72	528	1	8.2%	43	Yes	Yes	Yes	365	1,095	0	\$0	\$0	0	0	\$0	\$0	\$0
<b>Total</b>		<b>10,967</b>	<b>420</b>		<b>429</b>									<b>0</b>	<b>0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

Notes:

- 1) Chlorite is a byproduct of chlorine dioxide use. Surface water systems serving <100 people are not expected to use chlorine dioxide (therefore no chlorite sampling requirements). TNCWSs that use chlorine dioxide are not required to monitor for chlorite.
- 2) Burden and cost for daily chlorite monitoring is assumed to be a part of daily chloride dioxide burden and cost--chlorine dioxide and chlorite can be analyzed using the same method (SM 4500--CIO2 E).
- 3) Burden estimates take into account the results of the February 2008 consultation with water industry representatives.

Source: Percentage of entry points using chlorine dioxide from Exhibit 6.6 of draft modeled systems report prepared by the Cadmus Group, Inc., for EPA in September 2005. Report used data from the 2000 Community Water Systems Survey. Numbers of samples, applicability, burden, and costs carried forward from the 1998 Stage 1 DBPR RIA and ICR.

**PWSs - Groundwater**

Population Category	Hourly Labor Rate	Number of Entry Points		Percent Chlorine Dioxide	Number of Affected Entry Points	Applicability (Is Monitoring Required?)			Annual Samples Required Per Plant	Total Samples Required Per Plant	Total Sampling Burden Per Plant	O&M (Analytical) Cost Per Sample	Total O&M (Analytical) Cost Per Plant	Total Burden Hours	Average Annual Burden Hours	Average Annual Labor Cost	Total O&M Cost	Average Annual O&M Cost
		CWS	NTNC			All PWSs	Year 1	Year 2										
									(1 per day)		(part of CLO2 daily)							
	A	B	C	D	E=(B+C)*D	F	G	H	I	J	K	L	M=J*L	N=K*E	O=N/3	P=O*A	Q=E*M	R=Q/3
101-1,000	\$30.72	14,065	2,438	0.0%	0	Yes	Yes	Yes	365	1,095	0	\$0	\$0	0	0	\$0	\$0	\$0
1,001-10K	\$30.72	10,071	251	0.0%	0	Yes	Yes	Yes	365	1,095	0	\$0	\$0	0	0	\$0	\$0	\$0
10,001-100K	\$30.72	3,766	4	1.7%	64	Yes	Yes	Yes	365	1,095	0	\$0	\$0	0	0	\$0	\$0	\$0
>100K	\$30.72	627	0	2.4%	15	Yes	Yes	Yes	365	1,095	0	\$0	\$0	0	0	\$0	\$0	\$0
<b>Total</b>		<b>28,529</b>	<b>2,693</b>		<b>79</b>									<b>0</b>	<b>0</b>	<b>\$0</b>	<b>\$0</b>	<b>\$0</b>

Note :

- 1) Groundwater systems <10,000 are not expected to use chlorine dioxide (therefore no chlorite sampling requirements).
- 2) Burden and cost for daily chlorite monitoring is assumed to be a part of daily chloride dioxide burden and cost--chlorine dioxide and chlorite can be analyzed using the same method (SM 4500--CIO2 E).
- 3) Burden estimates take into account the results of the February 2008 consultation with water industry representatives.

Source: Percentage of entry points using chlorine dioxide from Exhibit 6.6 of draft modeled systems report prepared by the Cadmus Group, Inc., for EPA in September 2005. Report used data from the 2000 Community Water Systems Survey. Numbers of samples, applicability, burden, and costs carried forward from the 1998 Stage 1 DBPR RIA and ICR.

**Exhibit 10 - Monthly Chlorite Monitoring Burden and Costs**

**PWSs - SW/GWUDI**

Population Category	Hourly Labor Rate	Number of Systems		Percent Chlorine Dioxide	Number of Affected Systems	Applicability (Is Monitoring Required?)			Annual Samples Required Per System	Total Samples Required Per System	Total Sampling Burden Per System (hrs)	O&M (Analytical) Cost Per Sample	Total O&M (Analytical) Cost Per System	Total Burden Hours	Average Annual Burden Hours	Average Annual Labor Cost	Total O&M Cost	Average Annual O&M Cost	
		CWS	NTNC			All PWSs	Year 1	Year 2											Year 3
		E=(B+C)*D						F											G
101-1,000	\$30.72	3,260	324	1.4%	50	Yes	Yes	Yes	36	108	36	\$159	\$17,172	1,806	602	\$18,495	\$861,613	\$287,204	
1,001-10K	\$30.72	4,484	88	1.4%	64	Yes	Yes	Yes	36	108	36	\$159	\$17,172	2,304	768	\$23,596	\$1,099,273	\$366,424	
10,001-100K	\$30.72	2,206	7	10.9%	241	Yes	Yes	Yes	36	108	36	\$159	\$17,172	8,685	2,895	\$88,926	\$4,142,833	\$1,380,944	
>100K	\$30.72	322	1	8.2%	26	Yes	Yes	Yes	36	108	36	\$159	\$17,172	953	318	\$9,763	\$454,831	\$151,610	
<b>Total</b>		<b>10,272</b>	<b>420</b>		<b>382</b>									<b>13,749</b>	<b>4,583</b>	<b>\$140,779</b>	<b>\$6,558,550</b>	<b>\$2,186,183</b>	

Notes:

1) Surface water systems serving <100 people are not expected to use chlorine dioxide (therefore no chlorite sampling requirements). TNCWSs that use chlorine dioxide are not required to monitor for chlorite.

2) Burden estimates take into account the results of the February 2008 consultation with water industry representatives.

3) Monthly chlorite monitoring is performed at 3 sites in the distribution system (daily monitoring is required at each entry point). Monthly monitoring requires use of a different analytical method (EPA 300.0 or 300.1) than is used for daily monitoring.

Source: Percentage of entry points using chlorine dioxide used as proxy for percentage of systems using chlorine dioxide. Percentages are from Exhibit 6.6 of draft modeled systems report prepared by the Cadmus Group, Inc., for EPA in September 2005. Report used data from the 2000 Community Water Systems Survey. Numbers of samples, applicability, burden, and costs carried forward from the 1998 Stage 1 DBPR RIA and ICR.

**PWSs - Groundwater**

Population Category	Hourly Labor Rate	Number of Systems		Percent Chlorine Dioxide	Number of Affected Systems	Applicability (Is Monitoring Required?)			Annual Samples Required Per System	Total Samples Required Per System	Total Sampling Burden Per System (hrs)	O&M (Analytical) Cost Per Sample	Total O&M (Analytical) Cost Per System	Total Burden Hours	Average Annual Burden Hours	Average Annual Labor Cost	Total O&M Cost	Average Annual O&M Cost	
		CWS	NTNC			All PWSs	Year 1	Year 2											Year 3
		E=(B+C)*D						F											G
101-1,000	\$30.72	18,430	8,407	0.0%	0	Yes	Yes	Yes	36	108	36	\$159	\$17,172	0	0	\$0	\$0	\$0	
1,001-10K	\$30.72	8,566	865	0.0%	0	Yes	Yes	Yes	36	108	36	\$159	\$17,172	0	0	\$0	\$0	\$0	
10,001-100K	\$30.72	1,496	15	1.7%	26	Yes	Yes	Yes	36	108	36	\$159	\$17,172	925	308	\$9,466	\$441,013	\$147,004	
>100K	\$30.72	76	0	2.4%	2	Yes	Yes	Yes	36	108	36	\$159	\$17,172	66	22	\$672	\$31,323	\$10,441	
<b>Total</b>		<b>28,568</b>	<b>9,287</b>		<b>28</b>									<b>990</b>	<b>330</b>	<b>\$10,139</b>	<b>\$472,335</b>	<b>\$157,445</b>	

Notes:

1) Groundwater systems serving <10,000 are not expected to use chlorine dioxide (therefore no chlorite sampling requirements). TNCWSs that use chlorine dioxide are not required to monitor for chlorite.

2) Burden estimates take into account the results of the February 2008 consultation with water industry representatives.

3) Monthly chlorite monitoring is performed at 3 sites in the distribution system (daily monitoring is required at each entry point). Monthly monitoring requires use of a different analytical method (EPA 300.0 or 300.1) than is used for daily monitoring.

Source: Percentage of entry points using chlorine dioxide used as proxy for percentage of systems using chlorine dioxide. Percentages are from Exhibit 6.6 of draft modeled systems report prepared by the Cadmus Group, Inc., for EPA in September 2005. Report used data from the 2000 Community Water Systems Survey. Numbers of samples, applicability, burden, and costs carried forward from the 1998 Stage 1 DBPR RIA and ICR.

**Exhibit 11 - Distribution Systems Residual Monitoring Burden and Costs  
(Chlorine or Chloramines)**

**Disinfecting Groundwater Systems**

Population Category	Hourly Labor Rate	Number of Systems		Applicability (Is Monitoring Required?)			Annual Samples Required Per System <small>(Based on TCR schedule)</small>	Total Samples Required Per System	Total Sampling Burden Per System (hrs) <small>(10 min. per sample)</small>	O&M (Analytical) Cost Per Sample	Total O&M (Analytical) Cost Per System	Total Burden Hours	Average Annual Burden Hours	Average Annual Labor Cost	Total O&M Cost	Average Annual O&M Cost
		CWS	NTNC	Year 1	Year 2	Year 3										
	A	B	C	D	E	F	G	H	I	J	K=H*J	L=I*(B+C)	M=L/3	N=M*A	O=(B+C)*K	P=O/3
<1,000	\$30.72	22,607	5,011	Yes	Yes	Yes	9	27	5	\$25	\$694	125,572	41,857	\$1,285,744	\$19,167,883	\$6,389,294
1,001-3,300	\$30.72	4,274	222	Yes	Yes	Yes	26	78	13	\$25	\$1,989	58,585	19,528	\$599,855	\$8,942,641	\$2,980,880
3,301-10K	\$30.72	2,286	29	Yes	Yes	Yes	75	225	38	\$25	\$5,731	86,929	28,976	\$890,075	\$13,269,242	\$4,423,081
10,001-50K	\$30.72	1,256	4	Yes	Yes	Yes	259	777	130	\$25	\$19,771	163,223	54,408	\$1,671,257	\$24,915,112	\$8,305,037
50,001-100K	\$30.72	139	0	Yes	Yes	Yes	834	2,503	417	\$25	\$63,680	57,958	19,319	\$593,437	\$8,846,963	\$2,948,988
100,001-1M	\$30.72	72	0	Yes	Yes	Yes	1,505	4,516	753	\$25	\$114,900	54,092	18,031	\$553,852	\$8,256,824	\$2,752,275
>1M	\$30.72	3	0	Yes	Yes	Yes	4,080	12,240	2,040	\$25	\$311,395	6,025	2,008	\$61,686	\$919,611	\$306,537
<b>Total</b>		<b>30,637</b>	<b>5,266</b>									<b>552,384</b>	<b>184,128</b>	<b>\$5,655,906</b>	<b>\$84,318,275</b>	<b>\$28,106,092</b>

Notes:  
 1) Surface water system residual monitoring under the SWTR satisfies this requirement for the Stage 1 DBPR. Only groundwater systems are analyzed below.  
 2) Burden estimates take into account the results of the February 2008 consultation with water industry representatives.

Source: Applicability, burden, and costs carried forward from the 1998 Stage 1 DBPR RIA and ICR . Number of samples based on requirements for monthly TCR sampling (see Exhibit 2).



## Exhibit 12 - State Data Entry/Recordkeeping Burden and Costs

**States**

Total Respondents	Hourly Labor Rate	Number of Systems		Annual Data Entry/Recordkeeping Hours Per System		Total Annual Hours	Annual Labor Cost
		SW/GWUDI Systems	Groundwater Systems	SW/GWUDI Systems	Groundwater Systems		
	A	B	C	D	E	F=B*D+C*E	G=A*F
57	\$ 42.80	12,141	35,903	9	1	145,168	\$6,213,055

Note: [B]-[C] In addition to all CWSs and NTNCWSs, includes all TNCWSs that use chlorine dioxide (see Exhibit 8). States will not need to review data from other TNCWSs.

**Exhibit 13 - Stage I Disinfection Byproducts Rule - Summary of Original  
and Revised Burden Estimates**

<b>TTHM/HAA5 Monitoring Burden Per Sample</b>		
<b>2004 Burden</b>	<b>Task</b>	<b>Revised Burden</b>
1 hr	Paired TTHM/HAA5 Samples	1.5 hr

<b>Disinfection Byproduct Precursor Monitoring Burden Per Sample</b>		
<b>2004 Burden</b>	<b>Task</b>	<b>Revised Burden</b>
0.5 hr	TOC Samples	0.75 hr
0.5 hr	Alkalinity Samples	0.75 hr

## Appendix C

### Stage 2 Disinfectants/Disinfection Byproducts Rule Spreadsheets

**Exhibit 1**  
**Burden, Respondents, Responses, and Costs for the ICR Approval Period**  
**Totals by Year and Annual Averages for CWS and NTNC Water Systems**

**PWSs**

	Source (Exhibit)	Year 1	Year 2	Year 3	Total	Annual Average
		July 1, 2008 - June 30, 2009	July 1, 2009 - June 30, 2010	July 1, 2010 - June 30, 2011		
Burden (hours)	2	229,025	420,482	322,817	972,324	324,108
Respondents (number)	3	8,805	11,771	11,575	13,310	10,717
Responses (number)	4	47,063	61,461	19,759	128,282	42,761
Costs (dollars)	5	\$17,223,718	\$23,104,773	\$9,916,120	\$50,244,611	\$16,748,204
Labor		\$7,035,051	\$12,916,106	\$9,916,120	\$29,867,277	\$9,955,759
O&M		\$10,188,667	\$10,188,667	\$0	\$20,377,335	\$6,792,445
Capital		\$0	\$0	\$0	\$0	\$0
<b>Burden per respondent</b>						30.24
<b>Cost per respondent</b>						\$ 1,562.80

**States**

	Source (Exhibit)	Year 1	Year 2	Year 3	Total	Annual Average
		July 1, 2008 - June 30, 2009	July 1, 2009 - June 30, 2010	July 1, 2010 - June 30, 2011		
Burden (hours)	2	31,319	44,267	12,948	88,534	29,511
Respondents (number)	3	29	57	57	57	57
Responses (number)	4	114	200	143	456	152
Costs (dollars)	5	\$1,340,418	\$1,894,582	\$554,164	\$3,789,165	\$1,263,055
Labor		\$1,340,418	\$1,894,582	\$554,164	\$3,789,165	\$1,263,055
O&M		\$0	\$0	\$0	\$0	\$0
Capital		\$0	\$0	\$0	\$0	\$0
<b>Burden per respondent</b>						517.74
<b>Cost per respondent</b>						\$ 22,158.86

**Sum for PWSs and States**

	Source (Exhibit)	Year 1	Year 2	Year 3	Total	Annual Average
		July 1, 2008 - June 30, 2009	July 1, 2009 - June 30, 2010	July 1, 2010 - June 30, 2011		
Burden (hours)	2	260,344	464,749	335,765	1,060,857	353,619
Respondents (number)	3	8,833	11,828	11,632	13,367	10,764
Responses (number)	4	47,177	61,661	19,901	128,738	42,913
Costs (dollars)	5	\$18,564,137	\$24,999,356	\$10,470,284	\$54,033,776	\$18,011,259
Labor		\$8,375,470	\$14,810,688	\$10,470,284	\$33,656,442	\$11,218,814
O&M		\$10,188,667	\$10,188,667	\$0	\$20,377,335	\$6,792,445
Capital		\$0	\$0	\$0	\$0	\$0
<b>Burden per respondent</b>						32.85
<b>Cost per respondent</b>						\$ 1,673.24

Note: Detail may not appear to add to total due to rounding.

The number of state respondents is not added; rather the maximum number of respondents for the 3 years for a given activity is used to avoid double-counting.

**Exhibit 2:  
Burden for the ICR Approval Period**

**PWSs**

	Source (Exhibit)	Year 1	Year 2	Year 3	Total	Annual Average
		July 1, 2008 - June 30, 2009	July 1, 2009 - June 30, 2010	July 1, 2010 - June 30, 2011		
<b>Subpart H and Mixed CWSs</b>						
Implementation* [1]	19a	34,317	63,038	53,403	150,759	50,253
IDSE (monitoring, system studies or additional sample sites)* [2]	19a	87,190	87,190	0	174,381	58,127
Monitoring Plans	19a	12,627	26,966	14,339	53,932	17,977
Routine Monitoring	19a	0	0	0	-	-
Operational Evaluations	19a	0	0	0	-	-
<b>Disinfecting Ground Water CWSs</b>						
Implementation* [1]	19a	6,727	98,132	181,257	286,116	95,372
IDSE (monitoring, system studies or additional sample sites)* [2]	19a	83,281	83,281	0	166,563	55,521
Monitoring Plans	19a	4,162	39,510	35,348	79,019	26,340
Routine Monitoring	19a	0	0	0	-	-
Operational Evaluations	19a	0	0	0	-	-
<b>Subpart H and Mixed NTNCWSs</b>						
Implementation* [1]	19b	476	2,255	3,498	6,229	2,076
IDSE (monitoring, system studies or additional sample sites)* [2]	19b	113	113	0	226	75
Monitoring Plans	19b	21	213	192	425	142
Routine Monitoring	19b	0	0	0	-	-
Operational Evaluations	19b	0	0	0	-	-
<b>Disinfecting Ground Water NTNCWSs</b>						
Implementation* [1]	19b	76	15,208	30,239	45,523	15,174
IDSE (monitoring, system studies or additional sample sites) [2]	19b	20	20	0	41	14
Monitoring Plans [3]	19b	16	4,556	4,540	9,111	3,037
Routine Monitoring	19b	0	0	0	-	-
Operational Evaluations	19b	0	0	0	-	-
<b>Yearly Total</b>		<b>229,025</b>	<b>420,482</b>	<b>322,817</b>	<b>972,324</b>	<b>324,108</b>

**States**

	Source (Exhibit)	Year 1	Year 2	Year 3	Total	Annual Average
		July 1, 2008 - June 30, 2009	July 1, 2009 - June 30, 2010	July 1, 2010 - June 30, 2011		
<b>States and Territories</b>						
State rule implementation activities [4]	19a	-	-	-	-	-
State IDSE activities [5]	19a	30,396	30,396	-	60,791	20,264
State Monitoring Plans	19a	923	13,871	12,948	27,742	9,247
State Routine Monitoring	19a	-	-	-	-	-
State Operational Evaluation	19a	-	-	-	-	-
<b>Yearly Total</b>		<b>31,319</b>	<b>44,267</b>	<b>12,948</b>	<b>88,534</b>	<b>5,902</b>

**Sum for PWSs and States**

	Source (Exhibit)	Year 1	Year 2	Year 3	Total	Annual Average
		July 1, 2008 - June 30, 2009	July 1, 2009 - June 30, 2010	July 1, 2010 - June 30, 2011		
<b>CWSs</b>		228,304	398,118	284,348	910,769	303,590
<b>NTNCWSs</b>		721	22,365	38,469	61,555	20,518
<b>States and Territories</b>		31,319	44,267	12,948	88,534	29,511
<b>Yearly Total</b>		<b>260,344</b>	<b>464,749</b>	<b>335,765</b>	<b>1,060,857</b>	<b>353,619</b>

Note: Detail may not appear to add to total due to rounding.

\* Indicates some or all burden will be incurred after the 3-year ICR Approval Period.

[1] Implementation is expected to continue through the 6th year after rule promulgation.

[2] IDSE: Systems serving fewer than 50,000 people will complete their IDSE activities during this ICR period.

[3] Systems are assumed to complete monitoring plans in the 5th year after promulgation.

[4] State implementation activities are assumed to have been completed during the previous ICR period.

[5] State cost and burden associated with IDSE are allocated based on the numbers of systems conducting IDSEs.

**Exhibit 3:  
Respondents for the ICR Approval Period [1]**

**PWSs [2]**

	Source (Exhibit)	Year 1	Year 2	Year 3	Total [5]	Annual Average
		July 1, 2008 - June 30, 2009	July 1, 2009 - June 30, 2010	July 1, 2010 - June 30, 2011		
<b>Subpart H and Mixed CWSSs</b>						
Implementation* [3]	7	918	1,948	1,945	1,948	1,604
IDSE (monitoring, system studies or additional sample sites) [4]	8a & 8b	2,545	2,545	0	2,545	1,697
Monitoring Plans [5]	12	1,735	4,376	2,640	4,376	2,917
Operational Evaluations	14	0	0	0	0	0
<b>Disinfecting Ground Water CWSSs</b>						
Implementation* [3]	7	190	3,946	7,472	7,472	3,869
IDSE (monitoring, system studies or additional sample sites) [4]	8a & 8b	6,236	6,236	0	6,236	4,157
Monitoring Plans [5]	12	402	6,638	6,236	6,638	4,426
Operational Evaluations	14	0	0	0	0	0
<b>Subpart H and Mixed NTNCWSSs</b>						
Implementation* [3]	7	20	96	149	149	89
IDSE (monitoring, system studies or additional sample sites) [4]	8a & 8b	1	1	0	1	1
Monitoring Plans [5]	12	2	4	2	4	3
Operational Evaluations	14	0	0	0	0	0
<b>Disinfecting Ground Water NTNCWSSs</b>						
Implementation* [3]	7	3	660	1,313	1,313	659
IDSE (monitoring, system studies or additional sample sites) [4]	8a & 8b	1	1	0	1	1
Monitoring Plans [5]	12	1	2	1	2	1
Operational Evaluations	14	0	0	0	0	0
<b>Yearly Total [8]</b>		<b>8,805</b>	<b>11,771</b>	<b>11,575</b>	<b>13,310</b>	<b>10,717</b>

**States [6]**

	Source (Exhibit)	Year 1	Year 2	Year 3	Total [5]	Annual Average
		July 1, 2008 - June 30, 2009	July 1, 2009 - June 30, 2010	July 1, 2010 - June 30, 2011		
<b>States and Territories</b>						
State rule implementation activities [6]	26	0	0	0	0	0
State IDSE activities [7]	26	29	29	0	29	19
State Monitoring Plans	26	29	57	29	57	38
State Routine Monitoring	26	29	57	57	57	48
State Operational Evaluations	26	29	57	57	57	48
<b>Yearly Total [8]</b>		<b>29</b>	<b>57</b>	<b>57</b>	<b>57</b>	<b>48</b>

**Sum for PWSs and States**

	Source (Exhibit)	Year 1	Year 2	Year 3	Total [5]	Annual Average
		July 1, 2008 - June 30, 2009	July 1, 2009 - June 30, 2010	July 1, 2010 - June 30, 2011		
<b>CWSSs</b>		<b>8,781</b>	<b>11,014</b>	<b>10,112</b>	<b>11,847</b>	<b>9,969</b>
<b>NTNCWSSs</b>		<b>24</b>	<b>757</b>	<b>1,463</b>	<b>1,463</b>	<b>748</b>
<b>States and Territories</b>		<b>29</b>	<b>57</b>	<b>57</b>	<b>57</b>	<b>48</b>
<b>Yearly Total</b>		<b>8,833</b>	<b>11,828</b>	<b>11,632</b>	<b>13,367</b>	<b>10,764</b>

Note: Detail may not appear to add to total due to rounding.

\* Indicates some or all PWSs will be respondents after the 3-year ICR Approval Period.

[1] Non-treatment-related rule activities, in addition to those shown in the table, also include routine compliance monitoring. Some systems are expected to take more samples and some are expected to take less in the transition from Stage 1 to Stage 2, depending on the number of plants in their systems. Overall, the Stage 2 DBPR results in an increase in the total number of compliance samples taken from the Stage 1 DBPR. See Exhibit 13a column 1, for the change in total samples for different system size categories.

[2] Each PWS is assumed to be a respondent.

[3] Implementation is expected to continue through the 6th year after rule promulgation.

[4] IDSE: Systems serving fewer than 50,000 are expected to complete the IDSE during this ICR period.

[5] Systems are assumed to complete monitoring plans by the 5th year after rule promulgation.

[6] State implementation activities were completed during the previous ICR period.

[7] State cost and burden associated with IDSE are allocated based on the number of systems conducting IDSEs.

[8] In order to not double-count the number of respondents, the highest number of respondents for each PWS category represents the number of respondents for that year.

**Exhibit 4:  
Responses for the ICR Approval Period**

**PWSs**

	Source (Exhibit)	Year 1	Year 2	Year 3	Total	Annual Average
		July 1, 2008 - June 30, 2009	July 1, 2009 - June 30, 2010	July 1, 2010 - June 30, 2011		
		<b>Subpart H and Mixed CWSs</b>				
Implementation* [1]	7	918	1,948	1,945	4,811	1,604
IDSE (monitoring, system studies or additional sample sites) [2]	9, 10, 11	28,720	28,720	0	57,439	19,146
Monitoring Plans [3]	12	1,735	4,376	2,640	8,751	2,917
Routine Monitoring	13	0	0	0	0	0
Operational Evaluations	14	0	0	0	0	0
<b>Disinfecting Ground Water CWSs</b>						
Implementation* [1]	7	190	3,946	7,472	11,608	3,869
IDSE (monitoring, system studies or additional sample sites) [2]	9, 10, 11	15,002	15,002	0	30,004	10,001
Monitoring Plans [3]	12	402	6,638	6,236	13,277	4,426
Routine Monitoring	13	0	0	0	0	0
Operational Evaluations	14	0	0	0	0	0
<b>Subpart H and Mixed NTNCWSs</b>						
Implementation* [1]	7	20	96	149	266	89
IDSE (monitoring, system studies or additional sample sites) [2]	9, 10, 11	64	64	0	127	42
Monitoring Plans [3]	12	2	4	2	8	3
Routine Monitoring	13	0	0	0	0	0
Operational Evaluations	14	0	0	0	0	0
<b>Disinfecting Ground Water NTNCWSs</b>						
Implementation* [1]	7	3	660	1,313	1,977	659
IDSE (monitoring, system studies or additional sample sites) [2]	9, 10, 11	4	4	0	9	3
Monitoring Plans [3]	12	1	2	1	4	1
Routine Monitoring	13	0	0	0	0	0
Operational Evaluations	14	0	0	0	0	0
<b>Yearly Total</b>		<b>47,063</b>	<b>61,461</b>	<b>19,759</b>	<b>128,282</b>	<b>42,761</b>

**States**

	Source (Exhibit)	Year 1	Year 2	Year 3	Total	Annual Average
		July 1, 2008 - June 30, 2009	July 1, 2009 - June 30, 2010	July 1, 2010 - June 30, 2011		
		<b>States and Territories</b>				
State rule implementation activities [4]	26	0	0	0	-	-
State IDSE activities [5]	26	29	29	0	57	19
State Monitoring Plans	26	29	57	29	114	38
State Routine Monitoring	26	29	57	57	143	48
Operational Evaluations	26	29	57	57	143	48
<b>Yearly Total</b>		<b>114</b>	<b>200</b>	<b>143</b>	<b>456</b>	<b>152</b>

**Sum for PWSs and States**

	Source (Exhibit)	Year 1	Year 2	Year 3	Total	Annual Average
		July 1, 2008 - June 30, 2009	July 1, 2009 - June 30, 2010	July 1, 2010 - June 30, 2011		
		<b>CWSs</b>				
NTNCWSs		46,968	60,630	18,293	125,891	41,964
States and Territories		114	200	143	456	152
<b>Yearly Total</b>		<b>47,177</b>	<b>61,661</b>	<b>19,901</b>	<b>128,738</b>	<b>42,913</b>

Note: Detail may not appear to add to total due to rounding.

\* Indicates some or all PWSs will be respondents after the 3-year ICR Approval Period.

[1] Implementation is expected to continue through the 6th year after rule promulgation.

[2] Systems using SMPs will have between 6 and 242 responses (based on between 4 and 240 samples, plus 1 response for site selection and 1 for reporting per system; see Exhibit 9). Systems using SSSs will have one response per system (see Exhibit 10). Systems not doing an IDSE will have one response per system (see Exhibit 11). Responses will occur during the first 4 years of the rule.

[3] Systems are expected to complete routine monitoring plans by the 5th year after rule promulgation.

[4] States are assumed to have completed implementation during the previous ICR period.

[5] Each state will have 4 responses associated with the IDSE (Exhibit 17). Systems serving fewer than 50,000 are expected to complete IDSEs during this ICR period.

**Exhibit 5:  
Cost for the ICR Approval Period**

**PWSs**

	Source (Exhibit)	Year 1			Year 2			Year 3			Total			Annual Average	
		July 1, 2008 - June 30, 2009			July 1, 2009 - June 30, 2010			July 1, 2010 - June 30, 2011			Total				
		Labor	O&M	Capital	Labor	O&M	Capital	Labor	O&M	Capital	Labor	O&M	Capital		Total
<b>Subpart H and Mixed CWSs</b>															
Implementation* [1]	20a	\$1,054,128	\$0	\$0	\$1,936,365	\$0	\$0	\$1,640,409	\$0	\$0	\$4,630,903	\$0	\$0	\$4,630,903	\$1,543,634
IDSE (monitoring, system studies or additional sample sites) [2]	20a	\$2,678,247	\$7,437,069	\$0	\$2,678,247	\$7,437,069	\$0	\$0	\$0	\$0	\$5,356,493	\$14,874,138	\$0	\$20,230,632	\$6,743,544
Monitoring Plans [3]	20a	\$387,860	\$0	\$0	\$828,320	\$0	\$0	\$440,460	\$0	\$0	\$1,656,641	\$0	\$0	\$1,656,641	\$552,214
Routine Monitoring	20a	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operational Evaluations	20a	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Disinfecting Ground Water CWSs</b>															
Implementation [1]	20a	\$206,622	\$0	\$0	\$3,014,353	\$0	\$0	\$5,567,719	\$0	\$0	\$8,788,693	\$0	\$0	\$8,788,693	\$2,929,564
IDSE (monitoring, system studies or additional sample sites) [2]	20a	\$2,558,173	\$2,735,712	\$0	\$2,558,173	\$2,735,712	\$0	\$0	\$0	\$0	\$5,116,347	\$5,471,424	\$0	\$10,587,771	\$3,529,257
Monitoring Plans [3]	20a	\$127,831	\$0	\$0	\$1,213,630	\$0	\$0	\$1,085,798	\$0	\$0	\$2,427,259	\$0	\$0	\$2,427,259	\$809,086
Routine Monitoring	20a	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operational Evaluations	20a	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Subpart H and Mixed NTCWSS</b>															
Implementation [1]	20b	\$14,622	\$0	\$0	\$69,281	\$0	\$0	\$107,447	\$0	\$0	\$191,350	\$0	\$0	\$191,350	\$63,783
IDSE (monitoring, system studies or additional sample sites) [2]	20b	\$3,465	\$15,050	\$0	\$3,465	\$15,050	\$0	\$0	\$0	\$0	\$6,930	\$30,101	\$0	\$37,030	\$12,343
Monitoring Plans [3]	20b	\$733	\$0	\$0	\$6,625	\$0	\$0	\$5,892	\$0	\$0	\$13,251	\$0	\$0	\$13,251	\$4,417
Routine Monitoring	20b	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operational Evaluations	20b	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Disinfecting Ground Water NTCWSS</b>															
Implementation [1]	20b	\$2,257	\$0	\$0	\$467,076	\$0	\$0	\$928,935	\$0	\$0	\$1,398,268	\$0	\$0	\$1,398,268	\$466,089
IDSE (monitoring, system studies or additional sample sites) [2]	20b	\$622	\$836	\$0	\$622	\$836	\$0	\$0	\$0	\$0	\$1,244	\$1,672	\$0	\$2,916	\$972
Monitoring Plans [3]	20b	\$491	\$0	\$0	\$139,949	\$0	\$0	\$139,458	\$0	\$0	\$279,898	\$0	\$0	\$279,898	\$93,299
Routine Monitoring	20b	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
Operational Evaluations	20b	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Yearly Total</b>		<b>\$7,035,051</b>	<b>\$10,188,667</b>	<b>\$0</b>	<b>\$12,916,106</b>	<b>\$10,188,667</b>	<b>\$0</b>	<b>\$9,916,120</b>	<b>\$0</b>	<b>\$0</b>	<b>\$29,867,277</b>	<b>\$20,377,335</b>	<b>\$0</b>	<b>\$50,244,611</b>	<b>\$16,748,204</b>

**States**

	Source (Exhibit)	Year 1			Year 2			Year 3			Total			Annual Average	
		July 1, 2008 - June 30, 2009			July 1, 2009 - June 30, 2010			July 1, 2010 - June 30, 2011			Total				
		Labor	O&M	Capital	Labor	O&M	Capital	Labor	O&M	Capital	Labor	O&M	Capital		Total
<b>States and Territories</b>															
State rule implementation activities [4]	20a	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
State IDSE activities [5]	20a	\$1,300,911	\$0	\$0	\$1,300,911	\$0	\$0	\$0	\$0	\$0	\$2,601,821	\$0	\$0	\$2,601,821	\$867,274
State Monitoring Plans	20a	\$39,508	\$0	\$0	\$593,672	\$0	\$0	\$554,164	\$0	\$0	\$1,187,344	\$0	\$0	\$1,187,344	\$395,781
State Routine Monitoring	20a	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
State Operational Evaluations	20a	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0	\$0
<b>Yearly Total</b>		<b>\$1,340,418</b>	<b>\$0</b>	<b>\$0</b>	<b>\$1,894,582</b>	<b>\$0</b>	<b>\$0</b>	<b>\$554,164</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,789,165</b>	<b>\$0</b>	<b>\$0</b>	<b>\$3,789,165</b>	<b>\$1,263,055</b>

**Sum for PWSs and States**

	Source (Exhibit)	Year 1			Year 2			Year 3			Total			Annual Average	
		July 1, 2008 - June 30, 2009			July 1, 2009 - June 30, 2010			July 1, 2010 - June 30, 2011			Total				
		Labor	O&M	Capital	Labor	O&M	Capital	Labor	O&M	Capital	Labor	O&M	Capital		Total
<b>CWSs</b>		\$7,012,861	\$10,172,781	\$0	\$12,229,088	\$10,172,781	\$0	\$8,734,387	\$0	\$0	\$27,976,336	\$20,345,562	\$0	\$48,321,899	\$16,107,300
<b>NTNCWSS</b>		\$22,190	\$15,886	\$0	\$687,018	\$15,886	\$0	\$1,181,732	\$0	\$0	\$1,890,940	\$31,772	\$0	\$1,922,713	\$640,904
<b>States and Territories</b>		\$1,340,418	\$0	\$0	\$1,894,582	\$0	\$0	\$554,164	\$0	\$0	\$3,789,165	\$0	\$0	\$3,789,165	\$1,263,055
<b>Yearly Total</b>		<b>\$8,375,470</b>	<b>\$10,188,667</b>	<b>\$0</b>	<b>\$14,810,688</b>	<b>\$10,188,667</b>	<b>\$0</b>	<b>\$10,470,284</b>	<b>\$0</b>	<b>\$0</b>	<b>\$33,656,442</b>	<b>\$20,377,335</b>	<b>\$0</b>	<b>\$54,033,776</b>	<b>\$18,011,259</b>

Note: Detail may not appear to add to total due to rounding.

\* Indicates some or all costs will be incurred after the 3-year ICR Approval Period.

[1] Implementation is assumed to continue through the 6th year after rule promulgation.

[2] IDSE: Systems serving fewer than 50,000 are assumed to complete the IDSE during this ICR period.

[3] Systems are expected to complete their routine monitoring plans by the 5th year after rule promulgation.

[4] State implementation activities are assumed to have been completed during the previous ICR period.

[5] State cost and burden associated with IDSE are allocated based on the number of systems conducting IDSEs.



**Exhibit 6: Baseline Number of 100 Percent Purchasing Systems and Producing Systems**

Size Category	Total Number of Systems			Percent of Purchased Systems that Buy all of Their Water (100% Purchasing Systems)	Plants Per System	Percent Disinfecting	Systems Subject to Stage 2 DBPR			
	Non-Purchased	Purchased	Total				100% Purchasing Systems		Producing Systems	
							Systems	Plants	Systems	Plants
	A	B	C = A + B				D	E	F	G=Round [B*D*F]
<b>Subpart H and Mixed CWSS</b>										
<500	1,097	2,175	3,272	94%	1.2	100%	2,044	2,473	1,228	1,486
500-3,300	1,309	2,316	3,625	94%	1.2	100%	2,177	2,656	1,448	1,767
3,301-9,999	1,005	1,021	2,026	94%	1.6	100%	960	1,498	1,066	1,663
10,000-49,999	962	866	1,828	94%	1.4	100%	814	1,115	1,014	1,389
50,000-249,999	365	225	590	94%	1.8	100%	212	388	379	694
250,000-999,999	83	11	94	94%	2.5	100%	10	25	84	213
1,000,000-4,999,999	14	1	15	94%	3.5	100%	1	4	14	49
≥5 M	1	-	1	94%	3.5	100%	-	-	1	4
<b>National Totals</b>	<b>4,837</b>	<b>6,615</b>	<b>11,452</b>				<b>6,218</b>	<b>8,159</b>	<b>5,234</b>	<b>7,265</b>
<b>100% Ground Water CWSS (Disinfecting)</b>										
<500	24,709	1,300	26,010	100%	1.0	70%	912	912	17,333	17,333
500-9,999	12,022	1,054	13,077	100%	1.5	84%	881	1,339	10,050	15,277
10,000-99,999	1,441	55	1,496	100%	3.9	93%	51	200	1,344	5,281
100,000-499,999	67	2	69	100%	7.3	98%	2	15	66	483
> 500,000	7	-	7	100%	17.0	100%	-	-	7	119
<b>National Totals</b>	<b>38,247</b>	<b>2,412</b>	<b>40,658</b>				<b>1,846</b>	<b>2,466</b>	<b>28,800</b>	<b>38,493</b>
<b>Subpart H and Mixed NTNCWSS</b>										
<500	277	218	495	100%	1.0	100%	218	218	277	277
500-3,300	93	63	156	100%	1.0	100%	63	63	93	93
3,301-9,999	5	15	20	100%	1.0	100%	15	15	5	5
10,000-49,999	2	4	6	100%	1.0	100%	4	4	2	2
50,000-249,999	-	2	2	100%	1.0	100%	2	2	-	-
250,000-999,999	-	-	-	100%	1.0	100%	-	-	-	-
1,000,000-4,999,999	-	-	-	100%	1.0	100%	-	-	-	-
≥5 M	-	-	-	100%	1.0	100%	-	-	-	-
<b>National Totals</b>	<b>377</b>	<b>302</b>	<b>680</b>				<b>302</b>	<b>302</b>	<b>377</b>	<b>377</b>
<b>100% Ground Water NTNCWSS (Disinfecting)</b>										
<500	15,422	117	15,539	100%	1.0	29%	34	34	4,472	4,472
500-9,999	2,567	39	2,606	100%	1.0	29%	11	11	744	744
10,000-99,999	13	2	15	100%	1.0	29%	1	1	4	4
100,000-499,999	-	-	-	100%	1.0	29%	-	-	-	-
> 500,000	-	-	-	100%	1.0	29%	-	-	-	-
<b>National Totals</b>	<b>18,001</b>	<b>158</b>	<b>18,159</b>				<b>46</b>	<b>46</b>	<b>5,221</b>	<b>5,220</b>
<b>Grand Total</b>	<b>61,462</b>	<b>9,487</b>	<b>70,949</b>				<b>8,412</b>	<b>10,973</b>	<b>39,632</b>	<b>51,355</b>

Sources: (A), (B) October 2007 SDWIS frozen database. Source was not specified for some systems. These PWSs were assigned to SW or GW categories based on the ratio of SW to GW systems within a given size category.

(D) Percentage of purchased systems that are 100% purchasing is estimated from SDWIS data.

(E) Number of plants per system based on question 18 of the 2000 Community Water Systems Survey.

(F) Percent of systems disinfecting is estimated from the Third Edition of the Baseline Handbook (Table B1.3.3) originally derived from the 1995 CWSS, except for the percentage of GW CWSS disinfecting, which is from the 2000 CWSS.

**Exhibit 7: Rule Implementation Costs for Systems**

Size Category	Number of Systems	Read Hours per PWS	Train Hours per PWS	Cost per Labor Hour	Total Cost	Total Burden (Hours)	Total Burden (FTEs)
	A	B	C	D	E = A*(B+C)*D	F = A*(B+C)	G = F/2,080
<b>Subpart H and Mixed CWSs</b>							
<500	3,272	8	15	\$ 30.72	\$ 2,311,742	75,259	36.2
500-3,300	3,625	8	15	\$ 30.72	\$ 2,561,083	83,376	40.1
3,301-9,999	2,026	8	15	\$ 30.72	\$ 1,431,660	46,608	22.4
10,000-49,999	1,828	40	15	\$ 30.72	\$ 3,088,315	100,540	48.3
50,000-249,999	590	40	15	\$ 30.72	\$ 996,775	32,450	15.6
250,000-999,999	94	40	75	\$ 30.72	\$ 332,054	10,810	5.2
1,000,000-4,999,999	15	40	75	\$ 30.72	\$ 52,987	1,725	0.8
≥5 M	1	40	75	\$ 30.72	\$ 3,532	115	0.1
<b>National Totals</b>	<b>11,452</b>				<b>\$ 10,778,149</b>	<b>350,882</b>	<b>168.7</b>
<b>100% Ground Water CWSs (Disinfecting)</b>							
<500	18,246	8	15	\$ 30.72	\$ 12,890,702	419,656	201.8
500-9,999	10,932	8	15	\$ 30.72	\$ 7,723,418	251,436	120.9
10,000-99,999	1,395	40	15	\$ 30.72	\$ 2,356,817	76,726	36.9
100,000-499,999	68	40	15	\$ 30.72	\$ 114,602	3,731	1.8
> 500,000	7	40	15	\$ 30.72	\$ 11,826	385	0.2
<b>National Totals</b>	<b>30,648</b>				<b>\$ 23,097,364</b>	<b>751,934</b>	<b>361.5</b>
<b>Subpart H and Mixed NTNCWSs</b>							
<500	495	8	15	\$ 30.72	\$ 349,869	11,390	5.5
500-3,300	156	8	15	\$ 30.72	\$ 110,255	3,589	1.7
3,301-9,999	20	8	15	\$ 30.72	\$ 14,130	460	0.2
10,000-49,999	6	40	15	\$ 30.72	\$ 10,644	347	0.2
50,000-249,999	2	40	15	\$ 30.72	\$ 3,379	110	0.1
250,000-999,999	-	40	25	N/A	\$ -	-	-
1,000,000-4,999,999	-	40	25	N/A	\$ -	-	-
≥5 M	-	40	25	N/A	\$ -	-	-
<b>National Totals</b>	<b>680</b>				<b>\$ 488,276</b>	<b>15,896</b>	<b>7.6</b>
<b>100% Ground Water NTNCWSs (Disinfecting)</b>							
<500	4,506	8	15	\$ 30.72	\$ 3,183,651	103,644	49.8
500-9,999	756	8	15	\$ 30.72	\$ 533,916	17,382	8.4
10,000-99,999	4	40	15	\$ 30.72	\$ 7,202	234	0.1
100,000-499,999	-	40	15	\$ 30.72	\$ -	-	-
> 500,000	-	40	15	N/A	\$ -	-	-
<b>National Totals</b>	<b>5,266</b>				<b>\$ 3,724,770</b>	<b>121,260</b>	<b>58.3</b>
<b>Grand Totals</b>	<b>48,045</b>				<b>\$ 38,088,559</b>	<b>1,239,972</b>	<b>596.1</b>

Notes: Detail may not add due to rounding.

1 FTE=2,080 hours (40 hours/week; 52 weeks/year).

Burden estimates take into account the results of the February 2008 consultation with water industry representatives.

Sources: (A) Number of disinfecting systems subject to the rule from Exhibit 6, columns G and I.

(B and C) Hours for reading the rule and training appropriate personnel are estimated based on EPA experience implementing previous regulations.

(D) Labor rates from 2006 Bureau of Labor Statistics SOC Code 51-8031, "Local Government - Water and Liquid Waste Treatment Plant and System Operators," updated to \$2007.

**Exhibit 8a: Percent and Number of 100 Percent Purchasing Systems in Each IDSE Category**

Size Category	Total Number of 100% Purchasing Systems	Percentage Receiving a Very Small System Waiver	Percentage Less than or Equal to 40/30	Percentage Using Studies	Systems Conducting IDSE Standard Monitoring	Systems Receiving the 40/30 Certification	Systems Using Studies
	A	B	C	D	E=A*(1-B)-F-G	F=Round [A*(1-B)*C]	G=Round [A*(1-B)*(1-C)*D]
<b>Subpart H and Mixed CWSs</b>							
<500	2,044	0%	0%	0%	2,044	0	0
500-3,300	2,177	0%	0%	0%	2,177	0	0
3,301-9,999	960	0%	0%	0%	960	0	0
10,000-49,999	814	0%	14%	0%	700	114	0
50,000-249,999	212	0%	14%	5%	173	30	9
250,000-999,999	10	0%	14%	10%	8	1	1
1,000,000-4,999,999	1	0%	14%	10%	1	0	0
≥5 M	-	0%	14%	10%	-	0	0
<b>National Totals</b>	<b>6,218</b>				<b>6,063</b>	<b>145</b>	<b>10</b>
<b>100% Ground Water CWSs (Disinfecting)</b>							
<500	912	0%	0%	0%	912	0	0
500-9,999	881	0%	0%	0%	881	0	0
10,000-99,999	51	0%	82%	0%	9	42	0
100,000-499,999	2	0%	66%	10%	1	1	0
> 500,000	0	0%	79%	10%	0	0	0
<b>National Totals</b>	<b>1,847</b>				<b>1,804</b>	<b>43</b>	<b>0</b>
<b>Subpart H and Mixed NTNCWSs</b>							
<500	218	N/A	N/A	N/A	N/A	N/A	N/A
500-3,300	63	N/A	N/A	N/A	N/A	N/A	N/A
3,301-9,999	15	N/A	N/A	N/A	N/A	N/A	N/A
10,000-49,999	4	0%	14%	0%	3	1	0
50,000-249,999	2	0%	14%	0%	2	0	0
250,000-999,999	0	0%	14%	0%	0	0	0
1,000,000-4,999,999	0	0%	14%	0%	0	0	0
≥5 M	0	0%	14%	0%	0	0	0
<b>National Totals</b>	<b>302</b>				<b>5</b>	<b>1</b>	<b>0</b>
<b>100% Ground Water NTNCWSs (Disinfecting)</b>							
<500	34	N/A	N/A	N/A	N/A	N/A	N/A
500-9,999	11	N/A	N/A	N/A	N/A	N/A	N/A
10,000-99,999	1	0%	92%	0%	0	1	0
100,000-499,999	0	0%	92%	0%	0	0	0
> 500,000	0	0%	92%	0%	0	0	0
<b>National Totals</b>	<b>46</b>				<b>0</b>	<b>1</b>	<b>0</b>
<b>Grand Totals</b>	<b>8,413</b>				<b>7,872</b>	<b>190</b>	<b>10</b>

Notes: Detail may not add due to rounding.

Results in columns F and G are rounded to whole systems.

Column C is the percentage of systems with TTHM concentrations less than or equal to 40 ug/L and HAA5 concentrations less than or equal to 30 ug/L for Stage 1 DBPR monitoring.

Sources: (A) Number of disinfecting 100% purchasing systems (Exhibit 6, column G).

(B)-(C) 100% purchasing systems may not have DBP data with which to qualify for the waiver or certification. As a conservative assumption, 0% is used.

(D) Percentage of systems able to use historical data based on expert opinion.

**Exhibit 8b: Percent and Number of Producing Systems in Each IDSE Category**

Size Category	Total Number of Producing Systems	Percentage Receiving a Very Small System Waiver	Percentage Having Concentrations Less than or Equal to 40/30	Percentage Using Studies	Systems Conducting IDSE Standard Monitoring	Systems Receiving the 40/30 Certification	Systems Using Studies
	A	B	C	D	E=A*(1-B)-F-G	F=Round [A*(1-B)*C]	G=Round [A*(1-B)*(1-C)*D]
<b>Subpart H and Mixed CWSs</b>							
<500	1,228	100%	0%	0%	-	0	0
500-3,300	1,448	0%	14%	0%	1,245	203	0
3,301-9,999	1,066	0%	14%	0%	917	149	0
10,000-49,999	1,014	0%	14%	0%	872	142	0
50,000-249,999	379	0%	14%	5%	310	53	16
250,000-999,999	84	0%	14%	10%	65	12	7
1,000,000-4,999,999	14	0%	14%	10%	11	2	1
≥5 M	1	0%	14%	10%	1	0	0
<b>National Totals</b>	<b>5,234</b>				<b>3,421</b>	<b>561</b>	<b>24</b>
<b>100% Ground Water CWSs (Disinfecting)</b>							
<500	17,334	100%	0%	0%	0	0	0
500-9,999	10,051	0%	89%	0%	1,128	8,923	0
10,000-99,999	1,344	0%	82%	0%	238	1,106	0
100,000-499,999	66	0%	66%	10%	21	43	2
> 500,000	7	0%	79%	10%	1	6	0
<b>National Totals</b>	<b>28,801</b>				<b>1,387</b>	<b>10,078</b>	<b>2</b>
<b>Subpart H and Mixed NTNCWSs</b>							
<500	277	N/A	N/A	N/A	N/A	N/A	N/A
500-3,300	93	N/A	N/A	N/A	N/A	N/A	N/A
3,301-9,999	5	N/A	N/A	N/A	N/A	N/A	N/A
10,000-49,999	2	0%	14%	0%	2	0	0
50,000-249,999	0	0%	14%	0%	0	0	0
250,000-999,999	0	0%	14%	0%	0	0	0
1,000,000-4,999,999	0	0%	14%	0%	0	0	0
≥5 M	0	0%	14%	0%	0	0	0
<b>National Totals</b>	<b>377</b>				<b>2</b>	<b>-</b>	<b>-</b>
<b>100% Ground Water NTNCWSs (Disinfecting)</b>							
<500	4,472	N/A	N/A	N/A	N/A	N/A	N/A
500-9,999	744	N/A	N/A	N/A	N/A	N/A	N/A
10,000-99,999	4	0%	92%	0%	1	3	0
100,000-499,999	0	0%	92%	0%	0	0	0
> 500,000	0	0%	92%	0%	0	0	0
<b>National Totals</b>	<b>5,220</b>				<b>1</b>	<b>3</b>	<b>-</b>
<b>Grand Totals</b>	<b>39,632</b>				<b>4,811</b>	<b>10,642</b>	<b>26</b>

Notes: Detail may not add due to rounding.

Results in columns F and G are rounded to whole systems.

Column C is the percentage of systems with TTHM concentrations less than or equal to 40 ug/L and HAA5 concentrations less than or equal to 30 ug/L for Stage 1 DBPR monitoring.

Sources: (A) Number of producing disinfecting systems (Exhibit 6, column I).

(B) The percentage of small systems to receive a very small system waiver is an assumption based on EPA experience with small systems. 100% purchasing systems may not have DBP data with which to qualify for small system waivers. As a conservative estimate 0% is assumed.

(C) Percentage of systems with all data ≤ 40/30 for medium and large surface water and mixed systems and all groundwater systems based on Information Collection Rule data. Percentages for small surface water systems are from National Rural Water Association data.

(D) Percentage of systems able to use historical data based on expert opinion.

Exhibit 9: IDSE Costs for Systems Using SMPs

Size Category	Sampling					Develop IDSE Monitoring Plan & Report			Total Labor Cost I=A*(B*C*D + (F+G)*H)	Total Non-Labor Cost J=A*E*B	Total Cost K=I+J	Total Burden (Hours) L=A*(B*C+(F+G))	Total Burden (FTEs) M=L/2,080
	Total Number of Systems that Monitor	Dual Sample Sets per System	Hours per Sample	Sampling Cost per Labor Hour	Laboratory Cost per Sample	Preparation of IDSE Monitoring Plan	Preparation of IDSE Report	Reporting Cost per Labor Hour					
	A	B	C	D	E	F	G	H					
<b>Subpart H and Mixed CWSS</b>													
<500	2,044	2	1	\$ 30.72	\$ 270	6	16	\$ 30.72	\$ 1,507,057	\$ 1,105,723	\$ 2,612,780	49,062	23.6
500-3,300	3,422	8	1	\$ 30.72	\$ 270	6	16	\$ 30.72	\$ 3,153,475	\$ 7,403,825	\$ 10,557,299	102,661	49.4
3,301-9,999	1,877	16	1	\$ 30.72	\$ 270	6	16	\$ 30.72	\$ 2,191,431	\$ 8,123,855	\$ 10,315,286	71,342	34.3
10,000-49,999	1,572	48	1	\$ 30.72	\$ 237	20	16	\$ 30.72	\$ 4,056,154	\$ 17,855,932	\$ 21,912,087	132,048	63.5
50,000-249,999	482	96	1	\$ 30.72	\$ 237	20	24	\$ 30.72	\$ 2,072,802	\$ 10,949,821	\$ 13,022,623	67,480	32.4
250,000-999,999	73	144	1	\$ 30.72	\$ 237	80	40	\$ 30.72	\$ 591,983	\$ 2,487,563	\$ 3,079,546	19,272	9.3
1,000,000-4,999,999	12	192	1	\$ 30.72	\$ 237	100	60	\$ 30.72	\$ 129,750	\$ 545,219	\$ 674,969	4,224	2.0
≥5 M	1	240	1	\$ 30.72	\$ 237	100	60	\$ 30.72	\$ 12,287	\$ 56,794	\$ 69,081	400	0.2
<b>National Totals</b>	<b>9,484</b>								<b>\$ 13,714,938</b>	<b>\$ 48,528,733</b>	<b>\$ 62,243,671</b>	<b>446,489</b>	<b>214.7</b>
<b>100% Ground Water CWSSs (Disinfecting)</b>													
<500	912	2	1	\$ 30.72	\$ 270	6	16	\$ 30.72	\$ 672,532	\$ 493,435	\$ 1,165,968	21,894	10.5
500-9,999	2,009	8	1	\$ 30.72	\$ 270	6	16	\$ 30.72	\$ 1,851,316	\$ 4,346,577	\$ 6,197,893	60,270	29.0
10,000-99,999	247	24	1	\$ 30.72	\$ 237	12	16	\$ 30.72	\$ 394,565	\$ 1,402,917	\$ 1,797,482	12,845	6.2
100,000-499,999	22	32	1	\$ 30.72	\$ 237	30	24	\$ 30.72	\$ 57,678	\$ 165,337	\$ 223,015	1,878	0.90
> 500,000	1	48	1	\$ 30.72	\$ 237	90	24	\$ 30.72	\$ 4,976	\$ 11,359	\$ 16,335	162	0.1
<b>National Totals</b>	<b>3,191</b>								<b>\$ 2,981,068</b>	<b>\$ 6,419,625</b>	<b>\$ 9,400,693</b>	<b>97,049</b>	<b>46.7</b>
<b>Subpart H and Mixed NTCWSS</b>													
<500	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
500-3,300	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3,301-9,999	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10,000-49,999	5	48	1	\$ 30.72	\$ 237	20	16	\$ 30.72	\$ 13,675	\$ 60,201	\$ 73,877	445	0.2
50,000-249,999	2	96	1	\$ 30.72	\$ 237	20	24	\$ 30.72	\$ 8,601	\$ 45,435	\$ 54,036	280	0.1
250,000-999,999	0	144	1	N/A	\$ 237	80	40	N/A	\$ -	\$ -	\$ -	-	-
1,000,000-4,999,999	0	192	1	N/A	\$ 237	100	60	N/A	\$ -	\$ -	\$ -	-	-
≥5 M	0	240	1	N/A	\$ 237	100	60	N/A	\$ -	\$ -	\$ -	-	-
<b>National Totals</b>	<b>7</b>								<b>\$ 22,276</b>	<b>\$ 105,636</b>	<b>\$ 127,912</b>	<b>725</b>	<b>0.3</b>
<b>100% Ground Water NTCWSSs (Disinfecting)</b>													
<500	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
500-9,999	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10,000-99,999	1	24	1	\$ 30.72	\$ 237	12	16	\$ 30.72	\$ 1,045	\$ 3,714	\$ 4,759	34	0.0
100,000-499,999	0	32	1	\$ 30.72	\$ 237	30	24	\$ 30.72	\$ -	\$ -	\$ -	-	-
> 500,000	0	48	1	N/A	\$ 237	90	24	N/A	\$ -	\$ -	\$ -	-	-
<b>National Totals</b>	<b>1</b>								<b>\$ 1,045</b>	<b>\$ 3,714</b>	<b>\$ 4,759</b>	<b>34</b>	<b>0.0</b>
<b>Grand Totals</b>	<b>12,683</b>								<b>\$ 16,719,327</b>	<b>\$ 55,057,709</b>	<b>\$ 71,777,035</b>	<b>544,297</b>	<b>261.7</b>

Notes: Detail may not add due to rounding.

Shaded areas represent systems that are not subject to IDSE requirements.

1 FTE=2,080 hours (40 hours/week; 52 weeks/year).

Burden estimates take into account the results of the February 2008 consultation with water industry representatives.

Sources:

(A) From Exhibits 8a and 8b, column E.

(B) Number of IDSE samples per system based on rule requirements for conducting IDSE monitoring. (Number of sites multiplied by frequency of samples for one year.)

(C) Labor hours per sample reflects EPA estimate.

(D) Labor rates from 2006 Bureau of Labor Statistics SOC Code 51-8031, "Local Government - Water and Liquid Waste Treatment Plant and System Operators," updated to \$2007.

(E) Laboratory cost for TTHM and HAA5 analyses per sample based on costs incurred for the Information Collection Rule, updated to \$2007. \$11 shipping is added for large systems as many large systems have in-house capacity and will not have to ship. \$45 is added for small systems because of higher shipping charges and fewer samples (no bulk discounts) and because fewer small systems have in-house labs.

(F and G) Labor hours for site selection and reporting based on expert opinion received during regulatory development process.

(H) Labor rates from 2006 Bureau of Labor Statistics SOC Code 51-8031, "Local Government - Water and Liquid Waste Treatment Plant and System Operators," updated to \$2007.

**Exhibit 10: IDSE Costs for Systems Using SSSs**

Size Category	Number of Systems Qualifying for SSS	Preparation of IDSE Study Plan	Conduct Study	Preparation of IDSE Study Report	Cost per Labor Hour	Total Cost	Total Burden (Hours)	Total Burden (FTEs)
	A	B	C	D	E	F = A*(B+C+D)*E	G = A*(B+C+D)	H = G/2,080
<b>Subpart H and Mixed CWSs</b>								
<500	-	-	-	-	\$ -	\$ -	-	-
500-3,300	-	-	-	-	\$ -	\$ -	-	-
3,301-9,999	-	-	-	-	\$ -	\$ -	-	-
10,000-49,999	-	-	-	-	\$ -	\$ -	-	-
50,000-249,999	25	40	100	40	\$ 30.72	\$ 138,228	4,500	2.2
250,000-999,999	8	40	100	40	\$ 30.72	\$ 44,233	1,440	0.7
1,000,000-4,999,999	1	40	100	40	\$ 30.72	\$ 5,529	180	0.1
≥5 M	-	-	-	-	\$ -	\$ -	-	-
<b>National Total</b>	<b>34</b>					<b>\$ 187,990</b>	<b>6,120</b>	<b>2.9</b>
<b>100% Ground Water CWSs (Disinfecting)</b>								
<500	-	-	-	-	\$ -	\$ -	-	-
500-9,999	-	-	-	-	\$ -	\$ -	-	-
10,000-99,999	-	-	-	-	\$ -	\$ -	-	-
100,000-499,999	2	40	100	40	\$ 30.72	\$ 11,058	160	0.1
> 500,000	-	-	-	-	\$ -	\$ -	-	-
<b>National Total</b>	<b>2</b>					<b>\$ 11,058</b>	<b>160</b>	<b>0.1</b>
<b>Subpart H and Mixed NTNCWSs</b>								
<500	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
500-3,300	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3,301-9,999	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10,000-49,999	-	-	-	-	\$ -	\$ -	-	-
50,000-249,999	-	-	-	-	\$ -	\$ -	-	-
250,000-999,999	-	-	-	-	\$ -	\$ -	-	-
1,000,000-4,999,999	-	-	-	-	\$ -	\$ -	-	-
≥5 M	-	-	-	-	\$ -	\$ -	-	-
<b>National Total</b>	<b>-</b>					<b>\$ -</b>	<b>-</b>	<b>-</b>
<b>100% Ground Water NTNCWSs (Disinfecting)</b>								
<500	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
500-9,999	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10,000-99,999	-	-	-	-	\$ -	\$ -	-	-
100,000-499,999	-	-	-	-	\$ -	\$ -	-	-
> 500,000	-	-	-	-	\$ -	\$ -	-	-
<b>National Total</b>	<b>-</b>					<b>\$ -</b>	<b>-</b>	<b>-</b>
<b>Grand Totals</b>	<b>36</b>					<b>\$ 199,048</b>	<b>6,280</b>	<b>3.0</b>

Notes: Detail may not add due to rounding.

Shaded areas represent systems that are not subject to IDSE requirements.

Burden estimates take into account the results of the February 2008 consultation with water industry representatives.

Sources: SSS stands for systems using System-Specific Studies.

(A) Number of systems using studies to satisfy IDSE requirements from Exhibits 8a and 8b, column G.

(B), (C), (D) Reporting hours required per system based on expert opinion.

(E) Labor rates from 2006 Bureau of Labor Statistics SOC Code 51-8031, "Local Government - Water and Liquid Waste Treatment Plant and System Operators," updated to \$2007.

**Exhibit 11: IDSE Costs for Systems Qualifying for the 40/30 Certification**

Size Category	Selecting Additional Sites		Preparing IDSE Report		Cost per Labor Hour	Total Cost	Total Burden (Hours)	Total Burden (FTEs)
	Systems Receiving 40/30 Certification but Adding Stage 2 site(s)	Hours per System	Number of Systems Receiving 40/30 Certification	Reporting Hours per System				
	A	B	C	D				
					E	F = (A*B+C*D)*E	G = A*B+C*D	H = G/2,080
<b>Subpart H and Mixed CWSs</b>								
<500	-	3	-	4	\$ 30.72	\$ -	-	-
500-3,300	-	4	203	4	\$ 30.72	\$ 24,942	812	0.4
3,301-9,999	149	4	149	4	\$ 30.72	\$ 36,615	1,192	0.6
10,000-49,999	-	8	256	6	\$ 30.72	\$ 47,182	1,536	0.7
50,000-249,999	83	8	83	6	\$ 30.72	\$ 35,693	1,162	0.6
250,000-999,999	13	8	13	6	\$ 30.72	\$ 5,591	182	0.1
1,000,000-4,999,999	2	8	2	6	\$ 30.72	\$ 860	28	0.0
≥5 M	-	8	-	6	\$ 30.72	\$ -	-	-
<b>National Totals</b>	<b>247</b>		<b>706</b>			<b>\$ 150,883</b>	<b>4,912</b>	<b>2.4</b>
<b>100% Ground Water CWSs (Disinfecting)</b>								
<500	-	3	-	4	\$ 30.72	\$ -	-	-
500-9,999	8,923	4	8,923	4	\$ 30.72	\$ 2,192,722	71,384	34.3
10,000-99,999	1,148	8	1,148	6	\$ 30.72	\$ 493,688	16,072	7.7
100,000-499,999	-	8	44	6	\$ 30.72	\$ 8,109	264	0.1
> 500,000	-	8	6	6	\$ 30.72	\$ 1,106	36	0.0
<b>National Totals</b>	<b>10,071</b>		<b>10,121</b>			<b>\$ 2,695,625</b>	<b>87,756</b>	<b>42.2</b>
<b>Subpart H and Mixed NTNCWSs</b>								
<500	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
500-3,300	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3,301-9,999	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10,000-49,999	-	8	1	6	\$ 30.72	\$ 184	6	0.0
50,000-249,999	-	8	-	6	\$ 30.72	\$ -	-	-
250,000-999,999	-	8	-	6	N/A	\$ -	-	-
1,000,000-4,999,999	-	8	-	6	N/A	\$ -	-	-
≥5 M	-	8	-	6	N/A	\$ -	-	-
<b>National Totals</b>	<b>-</b>		<b>1</b>			<b>\$ 184</b>	<b>6</b>	<b>0.0</b>
<b>100% Ground Water NTNCWSs (Disinfecting)</b>								
<500	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
500-9,999	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
10,000-99,999	4	8	4	6	\$ 30.72	\$ 1,720	56	0.0
100,000-499,999	-	8	-	6	\$ 30.72	\$ -	-	-
> 500,000	-	8	-	6	N/A	\$ -	-	-
<b>National Totals</b>	<b>4</b>		<b>4</b>			<b>\$ 1,720</b>	<b>56</b>	<b>0.0</b>
<b>Grand Totals</b>	<b>10,322</b>		<b>10,832</b>			<b>\$ 2,848,413</b>	<b>92,730</b>	<b>44.6</b>

Notes: Shaded areas represent systems that are not subject to IDSE requirements.

Burden estimates take into account the results of the February 2008 consultation with water industry representatives.

Sources: (A) Number of systems less than or equal to 40/30 from Exhibit 8a and 8b (column F) for only those system size categories that are predicted to have additional routine monitoring in the transition from Stage 1 to Stage 2 (see Exhibit 13a, column H).

(B) Hours per system required to select new sites for Stage 2 based on expert opinion.

(C) Number of systems that qualify for 40/30 certification from Exhibit 8a and 8b, column F.

(D) Reporting hours are based on best professional judgement and experience with similar rules.

(E) Labor rates from 2006 Bureau of Labor Statistics SOC Code 51-8031, "Local Government - Water and Liquid Waste Treatment Plant and System Operators," updated to \$2007.

**Exhibit 12: Monitoring Plan Costs for Systems**

Size Category	Number Systems Performing IDSE, SSS, or 40/30 Certification	Number of Systems Receiving Very Small System Waiver or Small NTCWSS	Number of Systems Adding Disinfection for the GWR Preparing Monitoring Plans	Hours to Prepare Stage 2 Monitoring Plan	Hours to Update Existing Stage 1 Monitoring Plan	Labor Cost	Total Cost	Total Burden (hours)	Total Burden (FTEs)
	A	B	C	D	E	F	G = F*((A+C)*D + B*E)	H = G/F	I = H/2080
<b>Surface Water and Mixed CWSSs</b>									
<500	2,044	1,228	-	5	-	\$ 30.72	\$ 313,970	10,221	4.9
500-3,300	3,625	-	-	5	8	\$ 30.72	\$ 556,757	18,125	8.7
3,301-9,999	2,026	-	-	5	8	\$ 30.72	\$ 311,231	10,132	4.9
10,000-49,999	1,828	-	-	10	8	\$ 30.72	\$ 561,512	18,280	8.8
50,000-249,999	590	-	-	10	8	\$ 30.72	\$ 181,232	5,900	2.8
250,000-999,999	94	-	-	20	8	\$ 30.72	\$ 57,748	1,880	0.9
1,000,000-4,999,999	15	-	-	40	8	\$ 30.72	\$ 18,430	600	0.3
≥5 M	1	-	-	40	8	\$ 30.72	\$ 1,229	40	0.0
<b>National Totals</b>	<b>10,224</b>	<b>1,228</b>	<b>-</b>				<b>\$ 2,002,109</b>	<b>65,179</b>	<b>31.3</b>
<b>Disinfecting Ground Water Only CWSSs</b>									
<500	912	17,334	793	5	-	\$ 30.72	\$ 261,893	8,526	4.1
500-9,999	10,932	-	237	5	2	\$ 30.72	\$ 1,715,356	55,843	26.8
10,000-99,999	1,395	-	11	10	2	\$ 30.72	\$ 431,815	14,058	6.8
100,000-499,999	68	-	2	15	2	\$ 30.72	\$ 32,038	1,043	0.5
> 500,000	7	-	0	20	2	\$ 30.72	\$ 4,352	142	0.1
<b>National Totals</b>	<b>13,314</b>	<b>17,334</b>	<b>1,042</b>				<b>\$ 2,445,454</b>	<b>79,612</b>	<b>38.3</b>
<b>Surface Water and Mixed NTCWSSs</b>									
<500	-	495	-	5	-	\$ 30.72	\$ -	-	-
500-3,300	-	156	-	5	2	\$ 30.72	\$ 9,587	312	0.2
3,301-9,999	-	20	-	5	2	\$ 30.72	\$ 1,229	40	0.0
10,000-49,999	6	-	-	10	2	\$ 30.72	\$ 1,935	63	0.0
50,000-249,999	2	-	-	10	2	\$ 30.72	\$ 614	20	0.0
250,000-999,999	-	-	-	15	2	N/A	\$ -	-	-
1,000,000-4,999,999	-	-	-	20	2	N/A	\$ -	-	-
≥5 M	-	-	-	30	2	N/A	\$ -	-	-
<b>National Totals</b>	<b>8</b>	<b>671</b>	<b>-</b>				<b>\$ 13,366</b>	<b>435</b>	<b>0.2</b>
<b>Disinfecting Ground Water Only NTCWSSs</b>									
<500	-	4,506	1,241	5	-	\$ 30.72	\$ 190,613	6,205	3.0
500-9,999	-	756	268	5	2	\$ 30.72	\$ 87,518	2,849	1.4
10,000-99,999	4	-	1	10	2	\$ 30.72	\$ 1,711	56	0.0
100,000-499,999	-	-	0	15	2	\$ 30.72	\$ 55	2	0.0
> 500,000	-	-	-	20	2	N/A	\$ -	-	-
<b>National Totals</b>	<b>4</b>	<b>5,262</b>	<b>1,510</b>				<b>\$ 279,898</b>	<b>9,112</b>	<b>4.4</b>
<b>Grand Totals</b>	<b>23,550</b>	<b>24,495</b>	<b>2,552</b>				<b>\$ 4,740,826</b>	<b>154,337</b>	<b>74.2</b>

Notes: Detail may not add due to rounding.

Shaded areas represent systems that are not subject to IDSE requirements.

1 FTE=2,080 hours (40 hours/week; 52 weeks/year).

Burden estimates take into account the results of the February 2008 consultation with water industry representatives.

Sources: (A) Exhibits 8a and 8b, sum of columns E-G.

(B) From Exhibit 8a and 8b, column A (for NTCWSSs <10,000) or column A multiplied by column B (for CWSSs <500)

(C), (D) Labor hours assumed to take one half the hours required to prepare the IDSE report.

(E) Labor rates from 2006 Bureau of Labor Statistics SOC Code 51-8031, "Local Government - Water and Liquid Waste Treatment Plant and System Operators," updated to \$2007.



**Exhibit 13a: System Costs for Additional Routine Monitoring**

Size Category	Stage 1 Sampling				Stage 2 Sampling		
	Total Systems	Plants Per System	Total Plants	Routine Samples Per Plant	Total Stage 1 Samples	Routine Samples Per System	Total Stage 2 Samples
	A	B	C=A*B	D	E = C*D	F	G
<b>Subpart H and Mixed CWSs</b>							
<500	3,272	1.2	3,959	1	3,959	1	3,272
500-3,300	3,625	1.2	4,423	4	17,690	4	14,500
3,301-9,999	2,026	1.6	3,161	4	12,645	8	16,211
10,000-49,999	1,828	1.4	2,504	16	40,070	16	29,248
50,000-249,999	590	1.8	1,080	16	17,275	32	18,880
250,000-999,999	94	2.5	238	16	3,805	48	4,512
1,000,000-4,999,999	15	3.5	53	16	847	64	960
≥5 M	1	3.5	4	16	56	80	80
<b>National Totals</b>	<b>11,452</b>		<b>15,421</b>		<b>96,348</b>		<b>87,664</b>
<b>100% Ground Water CWSs (Disinfecting)</b>							
<500	18,246	1.0	18,246	1	18,246	1	18,246
500-9,999	10,932	1.5	16,617	1	16,617	2	21,864
10,000-99,999	1,395	3.9	5,482	4	21,930	16	22,320
100,000-499,999	68	7.3	497	4	1,989	24	1,628
> 500,000	7	17.0	119	4	476	32	224
<b>National Totals</b>	<b>30,648</b>		<b>40,961</b>		<b>59,257</b>		<b>64,282</b>
<b>Subpart H and Mixed NTNCWSs</b>							
<500	495	1.0	495	1	495	1	495
500-3,300	156	1.0	156	4	624	4	624
3,301-9,999	20	1.0	20	4	80	8	160
10,000-49,999	6	1.0	6	16	101	16	101
50,000-249,999	2	1.0	2	16	32	32	64
250,000-999,999	-	1.0	-	16	-	48	-
1,000,000-4,999,999	-	1.0	-	16	-	64	-
≥5 M	-	1.0	-	16	-	80	-
<b>National Totals</b>	<b>680</b>		<b>680</b>		<b>1,332</b>		<b>1,444</b>
<b>100% Ground Water NTNCWSs (Disinfecting)</b>							
<500	4,506	1.0	4,506	1	4,506	1	4,506
500-9,999	756	1.0	756	1	756	2	1,511
10,000-99,999	4	1.0	4	4	17	16	68
100,000-499,999	-	1.0	-	4	-	24	-
> 500,000	-	1.0	-	4	-	32	-
<b>National Totals</b>	<b>5,266</b>		<b>5,266</b>		<b>5,279</b>		<b>6,086</b>
<b>Grand Totals</b>	<b>48,045</b>		<b>62,328</b>		<b>162,217</b>		<b>159,476</b>

Notes: 1) Detail may not added due to rounding.

2) Systems will incur routine monitoring costs only for sites and samples that are required beyond those required under the Stage 1 DBPR (i.e., systems that, as a result of the IDSE, only move sample sites will incur no additional costs).

3) 1 FTE = 2,080 hours (40 hours/week; 52 weeks/year).

4) Burden estimates take into account the results of the February 2008 consultation with water industry representatives.

Sources: (A) From Exhibits 8a and 8b, column A.

(B) Number of plants per system based on 2000 CWSS question 18.

(D) Routine samples per plant from the 1998 Stage 1 Rule.

(F) Number of routine samples per system based on Stage 2 rule requirements (population-based approach). Number of samples may be less for SW systems serving < 5,000 and GW systems serving < 500 if high TTHM and HAA5 locations are the same.

**Exhibit 13a: System Costs for Additional Routine Monitoring, continued**

Size Category	Additional Samples Required for Stage 2 Monitoring H = G*E	Hours per Sample I	Percent of Systems with Separate TTHM and HAA5 Sites J	Sampling Cost per Labor Hour K	Cost per Sample L	Total Labor Cost M = H*I*K	Additional Labor Costs for Systems with Two Sites N = I*J*K*A	Total O&M Cost O = H*L	Annual Total Cost P = M+N+O	Annual Total Burden (Hours) Q = (M+N)/K	Annual Total Burden (FTEs) R = Q/2080
<b>Subpart H and Mixed CWSs</b>											
<500	(687)	1	32%	\$ 30.72	\$ 270	\$ (21,107)	\$ 31,713	\$ (185,836)	\$ (175,229)	345	0.2
500-3,300	(3,190)	1	30%	\$ 30.72	\$ 270	\$ (97,989)	\$ 32,975	\$ (862,733)	\$ (927,748)	(2,117)	(1.0)
3,301-9,999	3,566	1	0%	\$ 30.72	\$ 270	\$ 109,553	\$ -	\$ 964,546	\$ 1,074,099	3,566	1.7
10,000-49,999	(10,822)	1	0%	\$ 30.72	\$ 237	\$ (332,415)	\$ -	\$ (2,560,865)	\$ (2,893,280)	(10,822)	(5.2)
50,000-249,999	1,605	1	0%	\$ 30.72	\$ 237	\$ 49,295	\$ -	\$ 379,760	\$ 429,055	1,605	0.8
250,000-999,999	707	1	0%	\$ 30.72	\$ 237	\$ 21,713	\$ -	\$ 167,276	\$ 188,990	707	0.3
1,000,000-4,999,999	113	1	0%	\$ 30.72	\$ 237	\$ 3,465	\$ -	\$ 26,693	\$ 30,158	113	0.1
≥5 M	24	1	0%	\$ 30.72	\$ 237	\$ 722	\$ -	\$ 5,566	\$ 6,288	24	0.0
<b>National Totals</b>	<b>(8,684)</b>					<b>\$ (266,762)</b>	<b>\$ 64,688</b>	<b>\$ (2,065,592)</b>	<b>\$ (2,267,666)</b>	<b>(6,579)</b>	<b>(3.2)</b>
<b>100% Ground Water CWSs (Disinfecting)</b>											
<500	0	1	2%	\$ 30.72	\$ 270	\$ -	\$ 11,982	\$ -	\$ 11,982	390	0.2
500-9,999	5,247	1	0%	\$ 30.72	\$ 270	\$ 161,184	\$ -	\$ 1,419,126	\$ 1,580,310	5,247	2.5
10,000-99,999	391	1	0%	\$ 30.72	\$ 237	\$ 11,998	\$ -	\$ 92,433	\$ 104,431	391	0.2
100,000-499,999	(361)	1	0%	\$ 30.72	\$ 237	\$ (11,085)	\$ -	\$ (85,398)	\$ (96,483)	(361)	(0.2)
> 500,000	(252)	1	0%	\$ 30.72	\$ 237	\$ (7,741)	\$ -	\$ (59,633)	\$ (67,374)	(252)	(0.1)
<b>National Totals</b>	<b>5,025</b>					<b>\$ 154,357</b>	<b>\$ 11,982</b>	<b>\$ 1,366,528</b>	<b>\$ 1,532,866</b>	<b>5,415</b>	<b>2.6</b>
<b>Subpart H and Mixed NTNCWSs</b>											
<500	0	1	0%	\$ 30.72	\$ 270	\$ -	\$ -	\$ -	\$ -	0	0.0
500-3,300	0	1	0%	\$ 30.72	\$ 270	\$ -	\$ -	\$ -	\$ -	0	0.0
3,301-9,999	80	1	0%	\$ 30.72	\$ 270	\$ 2,457	\$ -	\$ 21,636	\$ 24,093	80	0.0
10,000-49,999	0	1	0%	\$ 30.72	\$ 237	\$ -	\$ -	\$ -	\$ -	0	0.0
50,000-249,999	32	1	0%	\$ 30.72	\$ 237	\$ 983	\$ -	\$ 7,572	\$ 8,555	32	0.0
250,000-999,999	0	1	0%	N/A	\$ 237	\$ -	\$ -	\$ -	\$ -	0	0.0
1,000,000-4,999,999	0	1	0%	N/A	\$ 237	\$ -	\$ -	\$ -	\$ -	0	0.0
≥5 M	0	1	0%	N/A	\$ 237	\$ -	\$ -	\$ -	\$ -	0	0.0
<b>National Totals</b>	<b>112</b>					<b>\$ 3,440</b>	<b>\$ -</b>	<b>\$ 29,208</b>	<b>\$ 32,649</b>	<b>112</b>	<b>0.1</b>
<b>100% Ground Water NTNCWSs (Disinfecting)</b>											
<500	0	1	0%	\$ 30.72	\$ 270	\$ -	\$ -	\$ -	\$ -	0	0.0
500-9,999	756	1	0%	\$ 30.72	\$ 270	\$ 23,214	\$ -	\$ 204,382	\$ 227,596	756	0.4
10,000-99,999	51	1	0%	\$ 30.72	\$ 237	\$ 1,571	\$ -	\$ 12,106	\$ 13,677	51	0.0
100,000-499,999	0	1	0%	\$ 30.72	\$ 237	\$ -	\$ -	\$ -	\$ -	0	0.0
> 500,000	0	1	0%	N/A	\$ 237	\$ -	\$ -	\$ -	\$ -	0	0.0
<b>National Totals</b>	<b>807</b>					<b>\$ 24,785</b>	<b>\$ -</b>	<b>\$ 216,488</b>	<b>\$ 241,273</b>	<b>807</b>	<b>0.4</b>
<b>Grand Totals</b>	<b>(2,740)</b>					<b>\$ (84,180)</b>	<b>\$ 76,670</b>	<b>\$ (453,368)</b>	<b>\$ (460,879)</b>	<b>(245)</b>	<b>(0.1)</b>

Notes: 1) Detail may not added due to rounding.  
 2) Systems will incur routine monitoring costs only for sites and samples that are required beyond those required under the Stage 1 DBPR (i.e., systems that, as a result of the IDSE, only move sample sites will incur no additional costs).  
 3) FTE = 2,080 hours (40 hours/week; 52 weeks/year).  
 4) Burden estimates take into account the results of the February 2008 consultation with water industry representatives.  
 5) Columns N and O for SW < 3,300 and GW < 500 add in an hour extra sampling time for systems which only take 1 dual sample but at two different sites. This additional labor is calculated by A\*K\*L

Sources: (H) The number of samples required may decrease for some systems in the transition from the Stage 1 to Stage 2 DBPR.  
 (I) Labor hours per sample reflects EPA estimate.  
 (J) Estimated percent of systems that will have only one sampling site because their high TTHM and HAA5 site occur at the same location based on analysis of Information Collection Rule data from 4 distribution system locations.  
 (K) Labor rates from 2006 Bureau of Labor Statistics SOC Code 51-8031, "Local Government - Water and Liquid Waste Treatment Plant and System Operators," updated to \$2007.  
 (L) Laboratory cost for TTHM and HAA5 analyses per sample based on costs incurred for the Information Collection Rule, updated to \$2007. \$11 shipping is added for large systems as many large systems have in-house capacity and will not have to ship. \$45 is added for small systems because of higher shipping charges and fewer samples (no bulk discounts) and because fewer small systems have in-house labs.

**Exhibit 13b: System Costs for Routine Monitoring for Systems Adding Disinfection to Comply with the GWR**

Size Category	Number of Systems Increasing Disinfectant Dose for GWR	Increased Number of Samples per System from Stage 1 DBPR to Stage 2 DBPR	Hours Per Sample	Sampling Cost Per Labor Hour	Cost Per Sample	Total Costs	Total Burden (Hours)	Total Burden (FTEs)
	A	B	C	D	E	F = A*B*(C*D+E)	G = A*B*C	H = G/2080
<b>Surface Water and Mixed CWSs</b>								
<500	-	1	1	\$ 30.72	\$ 270	\$ -	-	-
500-3,300	-	4	1	\$ 30.72	\$ 270	\$ -	-	-
3,301-9,999	-	8	1	\$ 30.72	\$ 270	\$ -	-	-
10,000-49,999	-	16	1	\$ 30.72	\$ 237	\$ -	-	-
50,000-249,999	-	32	1	\$ 30.72	\$ 237	\$ -	-	-
250,000-999,999	-	48	1	\$ 30.72	\$ 237	\$ -	-	-
1,000,000-4,999,999	-	64	1	\$ 30.72	\$ 237	\$ -	-	-
≥5 M	-	80	1	\$ 30.72	\$ 237	\$ -	-	-
<b>National Totals</b>	-					\$ -	-	-
<b>Disinfecting Ground Water Only CWSs</b>								
<500	793	1	1	\$ 30.72	\$ 270	\$ 238,800	793	0.38
500-9,999	237	2	1	\$ 30.72	\$ 270	\$ 142,565	473	0.23
10,000-99,999	11	16	1	\$ 30.72	\$ 237	\$ 45,997	172	0.08
100,000-499,999	2	24	1	\$ 30.72	\$ 237	\$ 10,898	41	0.02
> 500,000	0	32	1	\$ 30.72	\$ 237	\$ 715	3	0.00
<b>National Totals</b>	<b>1,042</b>					\$ <b>438,974</b>	<b>1,482</b>	<b>0.71</b>
<b>Surface Water and Mixed NTNCWSs</b>								
<500	-	1	1	\$ 30.72	\$ 270	\$ -	-	-
500-3,300	-	4	1	\$ 30.72	\$ 270	\$ -	-	-
3,301-9,999	-	8	1	\$ 30.72	\$ 270	\$ -	-	-
10,000-49,999	-	16	1	\$ 30.72	\$ 237	\$ -	-	-
50,000-249,999	-	32	1	\$ 30.72	\$ 237	\$ -	-	-
250,000-999,999	-	48	1	N/A	\$ 237	\$ -	-	-
1,000,000-4,999,999	-	64	1	N/A	\$ 237	\$ -	-	-
≥5 M	-	80	1	N/A	\$ 237	\$ -	-	-
<b>National Totals</b>	-					\$ -	-	-
<b>Disinfecting Ground Water Only NTNCWSs</b>								
<500	1,241	1	1	\$ 30.72	\$ 270	\$ 373,769	1,241	0.60
500-9,999	268	2	1	\$ 30.72	\$ 270	\$ 161,148	535	0.26
10,000-99,999	1	16	1	\$ 30.72	\$ 237	\$ 5,593	21	0.01
100,000-499,999	0	24	1	\$ 30.72	\$ 237	\$ 760	3	0.00
> 500,000	-	32	1	N/A	\$ 237	\$ -	-	0.00
<b>National Totals</b>	<b>1,510</b>					\$ <b>541,270</b>	<b>1,800</b>	<b>0.87</b>
<b>Grand Totals</b>	<b>2,552</b>					\$ <b>980,244</b>	<b>3,282</b>	<b>1.58</b>

Note: Burden estimates take into account the results of the February 2008 consultation with water industry representatives.

(A) Best estimate based on proposed Ground Water Rule.

(B) From Exhibit 13a, column F.

(C) Labor hours per sample reflects EPA estimate.

(D) Labor rates from 2006 Bureau of Labor Statistics SOC Code 51-8031, "Local Government - Water and Liquid Waste Treatment Plant and System Operators," updated to \$2007.

(E) Laboratory cost for TTHM and HAA5 analyses per sample based on costs incurred for the Information Collection Rule, updated to \$2007. \$11 shipping is added for large systems as many large systems have in-house capacity and will not have to ship. \$45 is added for small systems because of higher shipping charges and fewer samples (no bulk discounts) and because fewer small systems have in-house labs.

**Exhibit 13c: Total System Costs for Routine Monitoring**

Size Category	Total Additional Compliance Samples per Year	Total Labor Costs	Total Sampling Costs	Total Costs	Total Burden (Hours)	Total Burden (FTEs)
	A	B	C	D = B+C	E	F= E/2080
<b>Surface Water and Mixed CWSs</b>						
<500	(687)	\$ 10,606	\$ (185,836)	\$ (175,229)	345	0.2
500-3,300	(3,190)	\$ (65,014)	\$ (862,733)	\$ (927,748)	(2,117)	(1.0)
3,301-9,999	3,566	\$ 109,553	\$ 964,546	\$ 1,074,099	3,566	1.7
10,000-49,999	(10,822)	\$ (332,415)	\$ (2,560,865)	\$ (2,893,280)	(10,822)	(5.2)
50,000-249,999	1,605	\$ 49,295	\$ 379,760	\$ 429,055	1,605	0.8
250,000-999,999	707	\$ 21,713	\$ 167,276	\$ 188,990	707	0.3
1,000,000-4,999,999	113	\$ 3,465	\$ 26,693	\$ 30,158	113	0.1
≥5 M	24	\$ 722	\$ 5,566	\$ 6,288	24	0.0
<b>National Totals</b>	<b>(8,684)</b>	<b>\$ (202,074)</b>	<b>\$ (2,065,592)</b>	<b>\$ (2,267,666)</b>	<b>(6,579)</b>	<b>(3.2)</b>
<b>Disinfecting Ground Water Only CWSs</b>						
<500	793	\$ 36,338	\$ 214,444	\$ 250,782	1,183	0.6
500-9,999	5,721	\$ 175,725	\$ 1,547,150	\$ 1,722,875	5,721	2.8
10,000-99,999	563	\$ 17,283	\$ 133,145	\$ 150,428	563	0.3
100,000-499,999	(320)	\$ (9,833)	\$ (75,752)	\$ (85,586)	(320)	(0.2)
> 500,000	(249)	\$ (7,659)	\$ (59,001)	\$ (66,659)	(249)	(0.1)
<b>National Totals</b>	<b>6,507</b>	<b>\$ 211,855</b>	<b>\$ 1,759,985</b>	<b>\$ 1,971,840</b>	<b>6,897</b>	<b>3.3</b>
<b>Surface Water and Mixed NTNCWSs</b>						
<500	-	\$ -	\$ -	\$ -	-	-
500-3,300	-	\$ -	\$ -	\$ -	-	-
3,301-9,999	80	\$ 2,457	\$ 21,636	\$ 24,093	80	0.0
10,000-49,999	-	\$ -	\$ -	\$ -	-	-
50,000-249,999	32	\$ 983	\$ 7,572	\$ 8,555	32	0.0
250,000-999,999	-	\$ -	\$ -	\$ -	-	-
1,000,000-4,999,999	-	\$ -	\$ -	\$ -	-	-
≥5 M	-	\$ -	\$ -	\$ -	-	-
<b>National Totals</b>	<b>112</b>	<b>\$ 3,440</b>	<b>\$ 29,208</b>	<b>\$ 32,649</b>	<b>112</b>	<b>0.1</b>
<b>Disinfecting Ground Water Only NTNCWSs</b>						
<500	1,241	\$ 38,123	\$ 335,646	\$ 373,769	1,241	0.6
500-9,999	1,291	\$ 39,650	\$ 349,094	\$ 388,744	1,291	0.6
10,000-99,999	72	\$ 2,214	\$ 17,056	\$ 19,270	72	0.0
100,000-499,999	3	\$ 87	\$ 673	\$ 760	3	0.0
> 500,000	-	\$ -	\$ -	\$ -	-	-
<b>National Totals</b>	<b>2,607</b>	<b>\$ 80,074</b>	<b>\$ 702,469</b>	<b>\$ 782,543</b>	<b>2,607</b>	<b>1.3</b>
<b>Grand Totals</b>	<b>541</b>	<b>\$ 93,295</b>	<b>\$ 426,070</b>	<b>\$ 519,365</b>	<b>3,037</b>	<b>1.5</b>

Notes:

(A) Shows the difference in total compliance monitoring samples from Stage 1 to Stage 2 for disinfecting systems and systems predicted to install disinfection for the GWR. For disinfecting systems, derived from Exhibit 13a, column H. For systems installing disinfection for the GWR, derived from Exhibit 13b, product of columns A and B. Note that the number of samples required may decrease in the transition from Stage 1 to Stage 2.

(B) Burden estimates take into account the results of the February 2008 consultation with water industry representatives.

Sources: (A) Sum of column H from Exhibit 13a and column (A) times column (B) from Exhibit 13b

(B) - (E) Summed from Exhibits 13a - 13b.

**Exhibit 14: Total Systems Costs for Operational Evaluations**

Size Category	Estimated No. of Locations/yr that exceed Operational Evaluation Levels	Reporting Hours per Operational Evaluation	Cost per Labor Hour	Total Cost	Total Burden (Hours)	Total Burden (FTEs)
	A	B	C	D = A*B*C	E = A*B	F=E/2,080
<b>Surface Water and Mixed CWSs</b>						
<500	12	24	\$ 30.72	\$ 8,847	288	0.1
500-3,300	28	24	\$ 30.72	\$ 20,642	672	0.3
3,301-9,999	57	24	\$ 30.72	\$ 42,021	1,368	0.7
10,000-49,999	199	40	\$ 30.72	\$ 244,509	7,960	3.8
50,000-249,999	120	40	\$ 30.72	\$ 147,443	4,800	2.3
250,000-999,999	27	40	\$ 30.72	\$ 33,175	1,080	0.5
1,000,000-4,999,999	8	40	\$ 30.72	\$ 9,830	320	0.2
≥5 M	1	40	\$ 30.72	\$ 1,229	40	0.0
<b>National Totals</b>	<b>452</b>			<b>\$ 507,695</b>	<b>16,528</b>	<b>7.9</b>
<b>Disinfecting Ground Water Only CWSs</b>						
<500	-	24	\$ 30.72	\$ -	-	-
500-9,999	-	24	\$ 30.72	\$ -	-	-
10,000-99,999	-	40	\$ 30.72	\$ -	-	-
100,000-499,999	-	40	\$ 30.72	\$ -	-	-
> 500,000	-	40	\$ 30.72	\$ -	-	-
<b>National Totals</b>	<b>-</b>			<b>\$ -</b>	<b>-</b>	<b>-</b>
<b>Surface Water and Mixed NTCWSs</b>						
<500	-	24	\$ 30.72	\$ -	-	-
500-3,300	-	24	\$ 30.72	\$ -	-	-
3,301-9,999	-	24	\$ 30.72	\$ -	-	-
10,000-49,999	-	40	\$ 30.72	\$ -	-	-
50,000-249,999	-	40	\$ 30.72	\$ -	-	-
250,000-999,999	-	40	N/A	\$ -	-	-
1,000,000-4,999,999	-	40	N/A	\$ -	-	-
≥5 M	-	40	N/A	\$ -	-	-
<b>National Totals</b>	<b>-</b>			<b>\$ -</b>	<b>-</b>	<b>-</b>
<b>Disinfecting Ground Water Only NTCWSs</b>						
<500	-	24	\$ 30.72	\$ -	-	-
500-9,999	-	24	\$ 30.72	\$ -	-	-
10,000-99,999	-	40	\$ 30.72	\$ -	-	-
100,000-499,999	-	40	\$ 30.72	\$ -	-	-
> 500,000	-	40	N/A	\$ -	-	-
<b>National Totals</b>	<b>-</b>			<b>\$ -</b>	<b>-</b>	<b>-</b>
<b>Grand Totals</b>	<b>452</b>	<b>-</b>	<b>-</b>	<b>\$ 507,695</b>	<b>16,528</b>	<b>7.9</b>

Notes: Detail may not add to totals due to independent rounding.  
 1 FTE = 2,080 hours (40 hours/week; 52 weeks/year).  
 Burden estimates take into account the results of the February 2008 consultation with water industry representatives.

Sources: (A) Based on modeling performed with DBP occurrence data from the 1996 Information Collection Rule, as described in Exhibit H.10 of Appendix H of the Economic Analysis for the Stage 2 DBPR.  
 (B) Hours estimated by EPA to complete Operational Evaluations. EPA expects it to take less time for small systems given they have simpler distribution systems.  
 (C) Labor rates from 2006 Bureau of Labor Statistics SOC Code 51-8031, "Local Government - Water and Liquid Waste Treatment Plant and System Operators," updated to \$2007.

**Exhibit 15: State Costs for Rule Implementation, IDSE, and Routine Monitoring**

	Cost per Labor Hour	FTEs per State	Hours per State	Cost per State	National Total FTEs	National Total Hours	National Total Cost
	A	B	C=B*2,080	D=A*C	E=B*57	F=C*57	G=D*57
<b>Implementation Activities</b>							
Public Notification	\$ 42.80	0.10	208	\$ 8,902	5.7	11,856	\$ 507,426
Regulation Adoption and Program Development	\$ 42.80	1.00	2,080	\$ 89,022	57.0	118,560	\$ 5,074,263
Training State Staff	\$ 42.80	0.25	520	\$ 22,256	14.3	29,640	\$ 1,268,566
Training PWS Staff and Technical Assistants	\$ 42.80	1.00	2,080	\$ 89,022	57.0	118,560	\$ 5,074,263
Updating Data Management System	\$ 42.80	0.25	520	\$ 22,256	14.3	29,640	\$ 1,268,566
<b>Totals</b>		<b>2.60</b>	<b>5,408</b>	<b>\$ 231,458</b>	<b>148.2</b>	<b>308,256</b>	<b>\$ 13,193,083</b>
<b>Annual Routine Monitoring Activities</b>							
Recordkeeping and Compliance Tracking	\$ 42.80	0.40	832	\$ 35,609	22.8	47,424	\$ 2,029,705
<b>Totals</b>		<b>0.40</b>	<b>832</b>	<b>\$ 35,609</b>	<b>22.8</b>	<b>47,424</b>	<b>\$ 2,029,705</b>
<b>Grand Totals</b>		<b>3.00</b>	<b>6,240</b>	<b>267,066</b>	<b>171.0</b>	<b>355,680</b>	<b>15,222,788</b>

Notes: All states/primacy agencies are assumed to incur some costs for each activity.

Burden estimates take into account the results of the February 2008 consultation with water industry representatives.

(A) State labor rates based on 2006 Bureau of Labor Statistics SOC Code 19-2041, "State Government - Environmental Scientists and Specialists, Including Health," updated to \$2007.

Sources:

(B) FTEs per State/Primacy Agency based on EPA experience with previous regulations.

**Exhibit 16: State Costs for Monitoring Plans**

Size Category	Number of Systems Developing Monitoring Plan, by Category	Number of Hours to Review Each System's Monitoring Plan	Average State Employee Hourly Wage	Average Total Costs to States	Average Total Costs per State	Total Burden
	A	B	C	D = A*B*C	E = D/57	F = A*B
<b>Surface Water and Mixed CWSs</b>						
<500	2,044	-	\$ 42.80	\$ -	\$ -	-
500-3,300	3,625	-	\$ 42.80	\$ -	\$ -	-
3,301-9,999	2,026	4	\$ 42.80	\$ 346,916	\$ 6,086	8,106
10,000-49,999	1,828	8	\$ 42.80	\$ 625,894	\$ 10,981	14,624
50,000-249,999	590	8	\$ 42.80	\$ 202,012	\$ 3,544	4,720
250,000-999,999	94	8	\$ 42.80	\$ 32,185	\$ 565	752
1,000,000-4,999,999	15	8	\$ 42.80	\$ 5,136	\$ 90	120
≥5 M	1	8	\$ 42.80	\$ 342	\$ 6	8
<b>National Totals</b>	<b>10,224</b>			<b>\$ 1,212,485</b>	<b>\$ 21,272</b>	<b>28,330</b>
<b>Ground Water Only CWSs</b>						
<500	1,705	-	\$ 42.80	\$ -	\$ -	-
500-9,999	11,169	-	\$ 42.80	\$ -	\$ -	-
10,000-99,999	1,406	-	\$ 42.80	\$ -	\$ -	-
100,000-499,999	70	-	\$ 42.80	\$ -	\$ -	-
> 500,000	7	-	\$ 42.80	\$ -	\$ -	-
<b>National Totals</b>	<b>14,356</b>			<b>\$ -</b>	<b>\$ -</b>	<b>-</b>
<b>Surface Water and Mixed NTCWSs</b>						
<500	-	-	\$ 42.80	\$ -	\$ -	-
500-3,300	-	-	\$ 42.80	\$ -	\$ -	-
3,301-9,999	-	4	\$ 42.80	\$ -	\$ -	-
10,000-49,999	6	8	\$ 42.80	\$ 2,157	\$ 38	50
50,000-249,999	2	8	\$ 42.80	\$ 685	\$ 12	16
250,000-999,999	-	8	\$ 42.80	\$ -	\$ -	-
1,000,000-4,999,999	-	8	\$ 42.80	\$ -	\$ -	-
≥5 M	-	8	\$ 42.80	\$ -	\$ -	-
<b>National Totals</b>	<b>8</b>			<b>\$ 2,842</b>	<b>\$ 50</b>	<b>66</b>
<b>Disinfecting Ground Water Only NTCWSs</b>						
<500	1,241	-	\$ 42.80	\$ -	\$ -	-
500-9,999	268	-	\$ 42.80	\$ -	\$ -	-
10,000-99,999	6	-	\$ 42.80	\$ -	\$ -	-
100,000-499,999	0	-	\$ 42.80	\$ -	\$ -	-
> 500,000	-	-	\$ 42.80	\$ -	\$ -	-
<b>National Totals</b>	<b>1,514</b>			<b>\$ -</b>	<b>\$ -</b>	<b>-</b>
<b>Grand Totals</b>	<b>26,103</b>			<b>\$ 1,215,327</b>	<b>\$ 21,322</b>	<b>28,396</b>

Notes: Burden estimates take into account the results of the February 2008 consultation with water industry representatives.

Sources:

[A] From column A in Exhibit 12

[B] From EPA experience with other regulations.

[C] State labor rates based on 2006 Bureau of Labor Statistics SOC Code 19-2041, "State Government - Environmental Scientists and Specialists, Including Health," updated to \$2007.

**Exhibit 17: State IDSE Costs**

Size Category	Number of Systems Conducting IDSE, by Category			Number of Hours to Work with Systems on IDSE and Review IDSE Reports			Average State Employee Hourly Wage	Average Total Costs to States	Average Total Costs per State	Total Burden	Average Burden/State
	Standard Monitoring Program	System-Specific Study	40/30 Certification	Standard Monitoring Program	System-Specific Study	40/30 Certification					
	A	B	C	D	E	F	G	H = G*(A*D+B*E+C*F)	I = H / 57	J = A*D + B*E + C*F	K = J / 57
<b>Surface Water and Mixed CWSs</b>											
<500	2,044	-	-	4	12	0.5	\$ 42.80	\$ 349,970	\$ 6,140	8,177	143.5
500-3,300	3,422	-	203	4	12	0.5	\$ 42.80	\$ 590,186	\$ 10,354	13,790	241.9
3,301-9,999	1,877	-	149	4	12	0.5	\$ 42.80	\$ 324,596	\$ 5,695	7,584	133.1
10,000-49,999	1,572	-	256	8	16	0.5	\$ 42.80	\$ 543,720	\$ 9,539	12,704	222.9
50,000-249,999	482	25	83	8	16	0.5	\$ 42.80	\$ 183,929	\$ 3,227	4,298	75.4
250,000-999,999	73	8	13	10	24	0.5	\$ 42.80	\$ 39,739	\$ 697	929	16.3
1,000,000-4,999,999	12	1	2	12	32	0.5	\$ 42.80	\$ 7,575	\$ 133	177	3.1
≥5 M	1	-	-	12	32	0.5	\$ 42.80	\$ 514	\$ 9	12	0.2
<b>National Totals</b>	<b>9,484</b>	<b>34</b>	<b>706</b>					<b>\$ 2,040,229</b>	<b>\$ 35,793</b>	<b>47,670</b>	<b>836.3</b>
<b>Ground Water Only CWSs</b>											
<500	912	-	-	4	4	0.5	\$ 42.80	\$ 156,176	\$ 2,740	3,649	64.0
500-9,999	2,009	-	8,923	4	4	0.5	\$ 42.80	\$ 534,879	\$ 9,384	12,497	219.3
10,000-99,999	247	-	1,148	8	8	0.5	\$ 42.80	\$ 109,145	\$ 1,915	2,550	44.7
100,000-499,999	22	2	44	8	8	0.5	\$ 42.80	\$ 9,102	\$ 160	213	3.7
> 500,000	1	-	6	12	16	0.5	\$ 42.80	\$ 642	\$ 11	15	0.3
<b>National Totals</b>	<b>3,191</b>	<b>2</b>	<b>10,121</b>					<b>\$ 809,944</b>	<b>\$ 14,210</b>	<b>18,924</b>	<b>332.0</b>
<b>Surface Water and Mixed NTNCWSs</b>											
<500	-	-	-	-	-	-	-	\$ -	\$ -	-	-
500-3,300	-	-	-	-	-	-	-	\$ -	\$ -	-	-
3,301-9,999	-	-	-	-	-	-	-	\$ -	\$ -	-	-
10,000-49,999	5	-	1	8	8	0.5	\$ 42.80	\$ 1,836	\$ 32	43	0.8
50,000-249,999	2	-	-	8	8	0.5	\$ 42.80	\$ 685	\$ 12	16	0.3
250,000-999,999	-	-	-	10	12	0.5	\$ 42.80	\$ -	\$ -	-	-
1,000,000-4,999,999	-	-	-	12	16	0.5	\$ 42.80	\$ -	\$ -	-	-
≥5 M	-	-	-	12	16	0.5	\$ 42.80	\$ -	\$ -	-	-
<b>National Totals</b>	<b>7</b>	<b>-</b>	<b>1</b>					<b>\$ 2,521</b>	<b>\$ 44</b>	<b>59</b>	<b>1.0</b>
<b>Disinfecting Ground Water Only NTNCWSs</b>											
<500	-	-	-	-	-	-	-	\$ -	\$ -	-	-
500-9,999	-	-	-	-	-	-	-	\$ -	\$ -	-	-
10,000-99,999	1	-	4	8	8	0.5	\$ 42.80	\$ 310	\$ 5	7	0.1
100,000-499,999	-	-	-	8	8	0.5	\$ 42.80	\$ -	\$ -	-	-
> 500,000	-	-	-	12	16	0.5	\$ 42.80	\$ -	\$ -	-	-
<b>National Totals</b>	<b>1</b>	<b>-</b>	<b>4</b>					<b>\$ 310</b>	<b>\$ 5</b>	<b>7</b>	<b>0.1</b>
<b>Grand Totals</b>	<b>12,683</b>	<b>36</b>	<b>10,832</b>					<b>\$ 2,853,003</b>	<b>\$ 50,053</b>	<b>66,660</b>	<b>1,169.5</b>

Note: Burden estimates take into account the results of the February 2008 consultation with water industry representatives.

Sources:

A, B, C From columns E, F, and G in Exhibits 8a and 8b

D, E, F From EPA experience with other regulations.



**Exhibit 18: State Operational Evaluation Costs**

Size Category	Number of Operational Evaluation Level Exceedances per Year	Number of Hours to Review Operational Evaluations per System	Average State Employee Hourly Wage	Average Total Costs to States	Average Total Costs per State	Total Burden
	A	B	C	D = A*B*C	E = D/57	F = A*B
<b>Surface Water and Mixed CWSs</b>						
<500	12	4	\$ 42.80	\$ 2,054	\$ 36	48
500-3,300	28	6	\$ 42.80	\$ 7,190	\$ 126	168
3,301-9,999	57	6	\$ 42.80	\$ 14,637	\$ 257	342
10,000-49,999	199	8	\$ 42.80	\$ 68,136	\$ 1,195	1,592
50,000-249,999	120	8	\$ 42.80	\$ 41,087	\$ 721	960
250,000-999,999	27	8	\$ 42.80	\$ 9,245	\$ 162	216
1,000,000-4,999,999	8	8	\$ 42.80	\$ 2,739	\$ 48	64
≥5 M	1	8	\$ 42.80	\$ 342	\$ 6	8
<b>National Totals</b>	<b>452</b>			<b>\$ 145,431</b>	<b>\$ 2,551</b>	<b>3,398</b>
<b>Ground Water Only CWSs</b>						
<500	-	4	\$ 42.80	\$ -	\$ -	-
500-9,999	-	6	\$ 42.80	\$ -	\$ -	-
10,000-99,999	-	8	\$ 42.80	\$ -	\$ -	-
100,000-499,999	-	8	\$ 42.80	\$ -	\$ -	-
> 500,000	-	8	\$ 42.80	\$ -	\$ -	-
<b>National Totals</b>	<b>-</b>			<b>\$ -</b>	<b>\$ -</b>	<b>-</b>
<b>Surface Water and Mixed NTCWSs</b>						
<500	-	4	\$ 42.80	\$ -	\$ -	-
500-3,300	-	6	\$ 42.80	\$ -	\$ -	-
3,301-9,999	-	6	\$ 42.80	\$ -	\$ -	-
10,000-49,999	-	8	\$ 42.80	\$ -	\$ -	-
50,000-249,999	-	8	\$ 42.80	\$ -	\$ -	-
250,000-999,999	-	8	\$ 42.80	\$ -	\$ -	-
1,000,000-4,999,999	-	8	\$ 42.80	\$ -	\$ -	-
≥5 M	-	8	\$ 42.80	\$ -	\$ -	-
<b>National Totals</b>	<b>-</b>			<b>\$ -</b>	<b>\$ -</b>	<b>-</b>
<b>Disinfecting Ground Water Only NTCWSs</b>						
<500	-	4	\$ 42.80	\$ -	\$ -	-
500-9,999	-	6	\$ 42.80	\$ -	\$ -	-
10,000-99,999	-	8	\$ 42.80	\$ -	\$ -	-
100,000-499,999	-	8	\$ 42.80	\$ -	\$ -	-
> 500,000	-	8	\$ 42.80	\$ -	\$ -	-
<b>National Totals</b>	<b>-</b>			<b>\$ -</b>	<b>\$ -</b>	<b>-</b>
<b>Grand Totals</b>	<b>452</b>			<b>\$ 145,431</b>	<b>\$ 2,551</b>	<b>3,398</b>

Note: Burden estimates take into account the results of the February 2008 consultation with water industry representatives.

Sources:

- [A] From column A in Exhibit 14.
- [B] From EPA experience with other regulations.
- [C] State labor rates based on 2006 Bureau of Labor Statistics SOC Code 19-2041, "State Government - Environmental Scientists and Specialists, Including Health," updated to \$2007.

**Exhibit 19: Stage 2 DBPR - Summary of Original and Revised Burden Estimates**

<b>IDSE Burden for Systems Using SMPs (For CWSS)</b>			
2004			
Burden	Task	System Size	Revised Burden
<b>Subpart H and Mixed Systems</b>			
4 hrs	Preparation of IDSE Monitoring Plan	≤9,999	6.00
8 hrs	Preparation of IDSE Monitoring Plan	10,000-249,999	20.00
12 hrs	Preparation of IDSE Monitoring Plan	250,000-999,999	80.00
16 hrs	Preparation of IDSE Monitoring Plan	1,000,000-4,999,999	100.00
24 hrs	Preparation of IDSE Monitoring Plan	≥5 M	100.00
2 hrs	Preparation of IDSE Report	≤9,999	16.00
4 hrs	Preparation of IDSE Report	10,000-49,999	16.00
8 hrs	Preparation of IDSE Report	50,000-249,999	24.00
12 hrs	Preparation of IDSE Report	250,000-999,999	40.00
24 hrs	Preparation of IDSE Report	≥1,000,000	60.00
<b>100% Ground Water Systems (Disinfecting)</b>			
4 hrs	Preparation of IDSE Monitoring Plan	≤9,999	6.00
8 hrs	Preparation of IDSE Monitoring Plan	10,000-99,999	12.00
12 hrs	Preparation of IDSE Monitoring Plan	100,000-499,999	30.00
16 hrs	Preparation of IDSE Monitoring Plan	>500,000	90.00
2 hrs	Preparation of IDSE Report	≤9,999	16.00
8 hrs	Preparation of IDSE Report	10,000-99,999	16.00
12 hrs	Preparation of IDSE Report	100,000-499,999	24.00

IDSE requirements do not apply to NTNCWSSs serving 9,999 or fewer people.

<b>IDSE Burden for Systems Using System-Specific Studies</b>			
2004			
Burden	Task	System Size	Revised Burden
20 hrs	Preparation of IDSE Study Plan	50,000-4,999,999	40.00
40 hrs	Conduct Study	50,000-4,999,999	100.00
20 hrs	Preparation of IDSE Study Report	50,000-4,999,999	40.00

NTNCWSSs not expected to use SSSs.

<b>IDSE Burden for Systems Qualifying for the 40/30 Certification</b>			
2004			
Burden	Task	System Size	Revised Burden
1 hr	Selection of Additional Sites	<500	3.00
3 hrs	Selection of Additional Sites	500-9,999	4.00
1 hr	Preparation of IDSE Report	≤9,999	4.00
2 hrs	Preparation of IDSE Report	≥10,000	6.00

NTNCWSSs <10,000 not required to conduct IDSE.

<b>Monitoring Plan Burden for Systems</b>			
2004			
Burden	Task	System Size	Revised Burden
<b>Surface Water and Mixed CWSS</b>			
15 hrs	Preparation of Stage 2 Monitoring Plan	250,000-999,999	20.00
20 hrs	Preparation of Stage 2 Monitoring Plan	1,000,000-4,999,999	40.00
30 hrs	Preparation of Stage 2 Monitoring Plan	≥5 M	40.00
2 hr	Update of Existing Stage 1 Monitoring Plan	≥500	8.00

<b>Operational Evaluations</b>			
2004			
Burden	Task	System Size	Revised Burden
6 hrs	Reporting (Per Operational Evaluation)	<500	24.00
12 hrs	Reporting (Per Operational Evaluation)	500-9,999	24.00
16 hrs	Reporting (Per Operational Evaluation)	≥10,000	40.00

<b>State Burden for Rule Implementation, IDSE, and Routine Monitoring (Per State)</b>		
2004		
Burden	Task	Revised Burden
0.6 FTE	Regulation Adoption and Program Development	1 FTE
0.1 FTE	Updating Data Management Systems	0.25 FTE

<b>State IDSE Burden</b>			
2004			
Burden	Task	System Size	Revised Burden
<b>Surface Water and Mixed CWSS</b>			
4 hrs	System Specific Study	≤9,999	12.00
8 hrs	System Specific Study	10,000-249,999	16.00
12 hrs	System Specific Study	250,000-999,999	24.00
16 hrs	System Specific Study	≥1,000,000	32.00

<b>Rule Implementation Burden for Systems</b>			
2004			
Burden	Task	System Size	Revised Burden
<b>All Systems Subject to Rule</b>			
20 hrs	Read Rule	>9,999	40.00
<b>Subpart H and Mixed CWSS</b>			
2 hrs	Training	≤249,999	15.00
4 hrs	Training	>249,999	75.00
<b>Subpart H and Mixed NTNCWSS</b>			
1 hr	Training	≤249,999	15.00
2 hrs	Training	>249,999	25.00
<b>100% Ground Water CWSSs and NTNCWSSs (Disinfecting)</b>			
1 hr	Training		15.00

## Appendix D

# Chemical Phase Regulation Spreadsheets

**Exhibit 1a - Chemical Phase Rules PWS Burden and Cost Summary**

<b>Requirement</b>	<b>Avg. 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>
Monitoring	144,418	452,911	404,751	\$12,432,857	\$83,544,435	N/A
<b>Total</b>	<b>144,418</b>	<b>452,911</b>	<b>404,751</b>	<b>\$12,432,857</b>	<b>\$83,544,435</b>	<b>N/A</b>

**Exhibit 1b - Chemical Phase Rules Primacy Agency Burden and Cost Summary**

<b>Requirement</b>	<b>Avg. 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>
Reporting and Recordkeeping	57	577,671	1,354,532	\$57,972,766	N/A	N/A
<b>Total</b>	<b>57</b>	<b>577,671</b>	<b>1,354,532</b>	<b>\$57,972,766</b>	<b>N/A</b>	<b>N/A</b>

State burden based on original State Workload Model, minus 28,210 hours associated with arsenic. This burden is assumed to remain the same from year to year and does not fluctuate with the number of responses.

Exhibit 2 - Monitoring Summary

Compound	Annual Burden Hours	Annual Cost			Annual Responses
		Labor Cost	O&M	Total Cost	
<b>Phase I</b>					
Phase I VOCs	126,854	\$ 3,896,614	\$ 4,876,273	\$ 8,772,886	47,401
<b>Phase II</b>					
Arsenic	-	\$ -	\$ -	\$ -	-
Asbestos	6,573	\$ 201,914	\$ 1,131,840	\$ 1,333,754	1,993
Cadmium	29,308	\$ 900,260	\$ 12,730,170	\$ 13,630,430	21,861
Chromium	14,786	\$ 454,199	\$ 381,905	\$ 836,104	21,861
Fluoride	15,760	\$ 484,119	\$ 407,063	\$ 891,183	23,363
Mercury	14,563	\$ 447,323	\$ 835,831	\$ 1,283,154	21,503
Nitrate	93,170	\$ 2,861,930	\$ 2,673,781	\$ 5,535,711	152,650
Nitrite	705	\$ 21,661	\$ 20,237	\$ 41,898	1,155
Selenium	14,226	\$ 436,978	\$ 816,500	\$ 1,253,477	20,997
Subtotal: Phase II IOCs	189,092	\$ 5,808,385	\$ 18,997,327	\$ 24,805,711	265,381
Phase II VOCs	-	\$ -	\$ 8,618,247	\$ 8,618,247	29,801
Phase II SOCs	29,417	\$ 903,612	\$ 30,391,432	\$ 31,295,044	21,564
<b>Phase IIb</b>					
Barium	14,296	\$ 439,146	\$ 369,248	\$ 808,395	21,090
Pentachlorophenol	-	\$ -	\$ -	\$ -	-
<b>Phase V</b>					
Adipates, Phthalates	14,894	\$ 457,496	\$ 6,411,293	\$ 6,868,789	21,846
PAH Benzo(a)pyrene	-	\$ -	\$ 1,989,581	\$ 1,989,581	6,332
Dioxin	6,746	\$ 207,207	\$ 8,711,324	\$ 8,918,532	4,903
Diquat, Endothall, Glyphosate	3,550	\$ 109,037	\$ 2,037,376	\$ 2,146,413	4,866
Oxymyl	-	\$ -	\$ -	\$ -	-
Dinoseb	-	\$ -	\$ -	\$ -	-
Endrin, hexachloro-benzene, and hexachlorocyclopentadiene	-	\$ -	\$ -	\$ -	-
Dalapon	-	\$ -	\$ -	\$ -	-
Picloram	-	\$ -	\$ -	\$ -	-
Simazine	-	\$ -	\$ -	\$ -	-
Subtotal: Phase V SOCs	25,189	\$ 773,741	\$ 19,149,574	\$ 19,923,314	37,946
Phase V VOCs	-	\$ -	\$ -	\$ -	-
Phase V IOCs, except sulfate	19,903	\$ 611,360	\$ 1,142,335	\$ 1,753,695	29,728
<b>Grand Total</b>	<b>404,751</b>	<b>\$ 12,432,857</b>	<b>\$ 83,544,435</b>	<b>\$ 95,977,292</b>	<b>452,911</b>

Exhibit 3 - System Inventory

Size Category	Number of Non-Purchased Systems							
	CWSs		NTNCWSs		CWSs + NTNCWSs		TNCWSs (nitrate & nitrite only)	
	A		B		C=A+B		D	
	GW	SW	GW	SW	GW	SW	GW	SW
0-100	11,776	438	8,814	129	20,590	567	59,877	636
101-500	12,933	659	6,608	148	19,541	807	19,282	375
501-1,000	4,078	365	1,717	60	5,795	425	1,972	62
1,001-3,300	5,305	944	754	33	6,059	977	598	44
3,301-10,000	2,640	1,005	96	5	2,736	1,010	77	19
10,001-50,000	1,296	962	13	2	1,309	964	8	2
50,001-100,000	145	218	0	0	145	218	2	0
100,001-1,000,000	71	230	0	0	71	230	1	1
>1,000,000	3	15	0	0	3	15	0	0
Total	38,247	4,837	18,001	377	56,248	5,214	81,816	1,139

Source: SDWIS/FED Data from October 2007

Note: Source was not specified for some systems. These PWSs were assigned to SW or GW categories based on the ratio of SW to GW systems within a given size category.

Exhibit 4 - Sampling pts

Size Category	Number of Entry Points per System		Number of Composited Sampling Points	
	GW	SW	GW	SW
	A	B	$C=(A*0.5)+(1*0.5)$	$D=(B*0.5)+(1*0.5)$
0-100	1.29	1.24	1.15	1.12
101-500	1.29	1.24	1.15	1.12
501-1000	1.80	1.37	1.40	1.19
1001-3300	1.80	1.37	1.40	1.19
3301-10000	2.59	1.53	1.80	1.27
10,001-50,000	2.93	2.29	2.93	2.29
50,001-100,000	2.93	2.29	2.93	2.29
100,001-1,000,000	8.79	4.24	8.79	4.24
>1,000,000	8.79	4.24	8.79	4.24

Sources/Assumptions:

Entry pts: From Exhibits 5.1 and 5.2 of the Draft Final Model Systems Report prepared for EPA by The Cadmus Group, Inc., in March 2005. The exhibits are an analysis of data from the 2000 Community Water System Survey. Includes both treated and untreated entry points. Excludes 2 outlier systems that had more than 100 entry points, as well as 27 systems that provided insufficient information on their treated entry points.

Compositing: Assumed that 50% of systems serving  $\leq 10,000$  people will composite all of their samples. EPA experience regarding large systems (serving  $>10,000$  people) is that they generally do not composite samples.

Exhibit 5 - Burden by chem

Compound	Hrs. Per Sample	\$ Per sample	Reference	Comments
<b>Phase I</b>				
Phase I VOCs	2.0	\$77	1993 PWSS Program ICR	Includes 1,1-Dichloroethylene, 1,1,1-Trichloroethane, 1,2-Dichloroethane, Benzene, Carbon tetrachloride, p-Dichlorobenzene, Trichloroethylene, Vinyl Chloride. Burden hours based on burden per response in the 1990 and 1993 PWSS Program ICRs. Cost per sample based 1993 ICR total cost/total annual responses.
<b>Phase II</b>				
Arsenic	0.0	\$0		Burden is now covered under the Arsenic Rule
Asbestos	2.5	\$430	p. 24	
Cadmium	0.5	\$13	pp. 24, a-23, a-8	
Chromium	0.5	\$13	pp. 24, a-33	
Fluoride	0.5	\$13	Assumption	Assumed to impose burden similar to other IOCs.
Mercury	0.5	\$29	pp. 24, a-43	
Nitrate	0.5	\$14	pp. 24, a-53	
Nitrite	0.5	\$14	pp. 24, a-87	
Selenium	0.5	\$29	pp. 24, a-97	
Phase II VOCs	0.0	\$215	pp. 24, b-20	Includes cis-1,2-Dichloroethylene, Monochlorobenzene, o-Dichlorobenzene, 1,2-Dichloropropane, Tetrachloroethylene, trans-1,2-Dichloroethylene, toluene, Ethylbenzene, Xylenes, Styrene
Phase II SOCs	1.0	\$1,033	pp. 24, b-4	Includes Alachlor, Atrazine, Carbofuran, Chlordane, Dibromochloropropane, EDB, Acrylamide, Heptachlor, Heptachlorepoxyde, Lindane, Methochlor, PCBs, Toxaphene, 2,4-D, 2,4,5-TP(silvex), Epichlorohydrin
<b>Phase IIb</b>				
Barium	0.5	\$13	p. III	Originally under Phase II
Pentachlorophenol	0.0	\$0	p. 15	No incremental burden above Phase II SOCs
<b>Phase V</b>				
Adipates, Phthalates	0.5	\$215	pp. 20, A-48	
PAH Benzo(a)pyrene	0.0	\$215	pp. 20, A-37	
Dioxin	1.0	\$1,291	p. 20, p. A-26	
Phase V VOCs	0.0	\$0	p. 20	Includes Dichloromethane and 1,1,2-Trichloroethane. No incremental burden above Phase II VOCs.
Phase V IOCs, except sulfate	0.5	\$29	p. A-2	Includes Antimony, Beryllium, Cyanide, Nickel, Thallium.
Diquat, Endothall, Glyphosate	0.5	\$287	p. A-20	
Oxymyl	0	\$0	p. 20	No incremental burden above Phase II SOCs
Dinoseb	0	\$0	p. 20	No incremental burden above Phase II SOCs since use patterns and analytical methods are the same as those used for 2,4-D and 2,4,5-TP (silvex)
Endrin, hexachloro-benzene, and hexachlorocyclopentadiene	0	\$0	p. 20	Assumed that no systems would be vulnerable after compliance w/ Phase II. But ICR admits that this may be an underestimate because they showed up in the National Pesticide Survey.
Dalapon	0	\$0	p. 20	No incremental burden above Phase II SOCs
Picloram	0	\$0	p. 20	No incremental burden above Phase II SOCs
Simazine	0	\$0	p. 20	No incremental burden above Phase II SOCs

Note: Burden estimates take into account the results of the February 2008 consultation with water industry representatives.  
Sampling costs inflated from 1993 to 2007 dollars.



Exhibit 6 - Frequency

Compound	Trigger	Scenario 1 Below trigger & no waiver				Scenario 2 Below trigger & waiver				Scenario 3 Above MCL				Scenario 4 Above trigger & below MCL			
		GW		SW		GW		SW		GW		SW		GW		SW	
		<3301	>3300	<3301	>3300	<3301	>3300	<3301	>3300	<3301	>3300	<3301	>3300	<3301	>3300	<3301	>3300
<b>Phase I</b>																	
Phase I VOCs	MDL	0.33	0.33	1	1	0.22	0.22	0.33	0.33	4	4	4	4	1.67	1.67	2.33	2.33
<b>Phase II</b>																	
Arsenic***	MCL																
Asbestos*	MCL	0.11	0.11	0.11	0.11	0	0	0	0	4	4	4	4				
Cadmium*	MCL	0.33	0.33	1	1	0.11	0.11	0.11	0.11	4	4	4	4				
Chromium*	MCL	0.33	0.33	1	1	0.11	0.11	0.11	0.11	4	4	4	4				
Fluoride*	MCL	0.33	0.33	1	1	0.11	0.11	0.11	0.11	4	4	4	4				
Mercury*	MCL	0.33	0.33	1	1	0.11	0.11	0.11	0.11	4	4	4	4				
Nitrate**	1/2 MCL	1	1	1	1					4	4	4	4	4	4	4	4
Nitrite**	1/2 MCL	0	0	0	0					4	4	4	4	4	4	4	4
Selenium*	MCL	0.33	0.33	1	1	0.11	0.11	0.11	0.11	4	4	4	4				
Phase II VOCs	MDL	0.33	0.33	1	1	0.22	0.22	0.33	0.33	4	4	4	4	1.67	1.67	2.33	2.33
Phase II SOCs	MDL	0.33	0.67	0.33	0.67	0	0	0	0	4	4	4	4	1.67	1.67	2.33	2.33
<b>Phase IIb</b>																	
Barium*	MCL	0.33	0.33	1	1	0.11	0.11	0.11	0.11	4	4	4	4				
Pentachlorophenol	MDL	0.33	0.67	0.33	0.67	0	0	0	0	4	4	4	4	1.67	1.67	2.33	2.33
<b>Phase V</b>																	
Adipates, Phthalates	MDL	0.33	0.67	0.33	0.67	0	0	0	0	4	4	4	4	1.67	1.67	2.33	2.33
PAH Benzo(a)pyrene	MDL	0.33	0.67	0.33	0.67	0	0	0	0	4	4	4	4	1.67	1.67	2.33	2.33
Dioxin	MDL	0.33	0.67	0.33	0.67	0	0	0	0	4	4	4	4	1.67	1.67	2.33	2.33
Phase V VOCs	MDL	0.33	0.33	1	1	0.22	0.22	0.33	0.33	4	4	4	4	1.67	1.67	2.33	2.33
Phase V IOCs, except sulfate*	MCL	0.33	0.33	1	1	0.11	0.11	0.11	0.11	4	4	4	4				
Diquat, Endothall, Glyphosate	MDL	0.33	0.67	0.33	0.67	0	0	0	0	4	4	4	4	1.67	1.67	2.33	2.33
Oxymyl	MDL	0.33	0.67	0.33	0.67	0	0	0	0	4	4	4	4	1.67	1.67	2.33	2.33
Dinoseb	MDL	0.33	0.67	0.33	0.67	0	0	0	0	4	4	4	4	1.67	1.67	2.33	2.33
Endrin, hexachloro- benzene, and hexachlorocyclopentadiene	MDL	0.33	0.67	0.33	0.67	0	0	0	0	4	4	4	4	1.67	1.67	2.33	2.33
Dalapon	MDL	0.33	0.67	0.33	0.67	0	0	0	0	4	4	4	4	1.67	1.67	2.33	2.33
Picloram	MDL	0.33	0.67	0.33	0.67	0	0	0	0	4	4	4	4	1.67	1.67	2.33	2.33
Simazine	MDL	0.33	0.67	0.33	0.67	0	0	0	0	4	4	4	4	1.67	1.67	2.33	2.33

\* Because the MCL is the trigger for IOCs (except nitrate and nitrite), there is no "Scenario 4" in which the monitoring results are below the MCL but above the trigger.

\*\*Waivers are not available for nitrate and nitrite.

\*\*\*Now considered separately in the Arsenic Rule

Source: 40 CFR 141.23 & 141.24

Exhibit 7 - Waivers

Compound	Trigger	Statewide Waivers				System-Specific Waivers								E=A+D								
		A				B				C				D=B*C				E=A+D				
		Percent of Systems Under the Trigger that Receive Statewide Waivers				Percent of Systems Under the Trigger that Are Eligible for System-Specific Waivers				Percent of Eligible Systems Assumed to Receive System-Specific Waivers Where Available**				Total Percent of Eligible Systems Assumed to Receive System-Specific Waivers				Total Percent of Eligible Systems Assumed to Receive Waivers				
		GW		SW		GW		SW		GW		SW		GW		SW		GW		SW		
		<3301	>3300	<3301	>3300	<3301	>3300	<3301	>3300	<3301	>3300	<3301	>3300	<3301	>3300	<3301	>3300	<3301	>3300	<3301	>3300	
Phase I																						
Phase I VOCs	MDL	0.0%	0.0%	0.0%	0.0%	53.1%	53.1%	53.1%	53.1%	90.0%	90.0%	40.0%	40.0%	47.8%	47.8%	21.2%	21.2%	47.8%	47.8%	47.8%	21.2%	21.2%
Phase II																						
Arsenic***	MCL																	0.0%	0.0%	0.0%	0.0%	
Asbestos	MCL	30.5%	30.5%	30.5%	30.5%	61.6%	61.6%	61.6%	61.6%	90.0%	90.0%	90.0%	90.0%	55.4%	55.4%	55.4%	55.4%	85.9%	85.9%	85.9%	85.9%	
Cadmium	MCL	0.0%	0.0%	0.0%	0.0%	22.2%	22.2%	22.2%	22.2%	90.0%	90.0%	40.0%	40.0%	20.0%	20.0%	8.9%	8.9%	20.0%	20.0%	8.9%	8.9%	
Chromium	MCL	0.0%	0.0%	0.0%	0.0%	22.2%	22.2%	22.2%	22.2%	90.0%	90.0%	40.0%	40.0%	20.0%	20.0%	8.9%	8.9%	20.0%	20.0%	8.9%	8.9%	
Fluoride	MCL	0.0%	0.0%	0.0%	0.0%	22.2%	22.2%	22.2%	22.2%	90.0%	90.0%	40.0%	40.0%	20.0%	20.0%	8.9%	8.9%	20.0%	20.0%	8.9%	8.9%	
Mercury	MCL	0.0%	0.0%	0.0%	0.0%	22.2%	22.2%	22.2%	22.2%	90.0%	90.0%	40.0%	40.0%	20.0%	20.0%	8.9%	8.9%	20.0%	20.0%	8.9%	8.9%	
Nitrate*	1/2 MCL																					
Nitrite*	1/2 MCL																					
Selenium	MCL	0.0%	0.0%	0.0%	0.0%	22.2%	22.2%	22.2%	22.2%	90.0%	90.0%	40.0%	40.0%	20.0%	20.0%	8.9%	8.9%	20.0%	20.0%	8.9%	8.9%	
Phase II VOCs	MDL	0.0%	0.0%	0.0%	0.0%	53.1%	53.1%	53.1%	53.1%	90.0%	90.0%	40.0%	40.0%	47.8%	47.8%	21.2%	21.2%	47.8%	47.8%	21.2%	21.2%	
Phase II SOCs	MDL	1.6%	1.6%	1.6%	1.6%	83.2%	83.2%	83.2%	83.2%	90.0%	90.0%	40.0%	40.0%	74.9%	74.9%	33.3%	33.3%	76.5%	76.5%	34.9%	34.9%	
Phase IIb																						
Barium	MCL	0.0%	0.0%	0.0%	0.0%	22.2%	22.2%	22.2%	22.2%	90.0%	90.0%	40.0%	40.0%	20.0%	20.0%	8.9%	8.9%	20.0%	20.0%	8.9%	8.9%	
Pentachlorophenol	MDL	0.0%	0.0%	0.0%	0.0%	83.2%	83.2%	83.2%	83.2%	90.0%	90.0%	40.0%	40.0%	74.9%	74.9%	33.3%	33.3%	74.9%	74.9%	33.3%	33.3%	
Phase V																						
Adipates, Phthalates	MDL	5.0%	5.0%	5.0%	5.0%	77.6%	77.6%	77.6%	77.6%	90.0%	90.0%	40.0%	40.0%	69.8%	69.8%	31.0%	31.0%	74.8%	74.8%	36.0%	36.0%	
PAH Benzo(a)pyrene	MDL	6.5%	6.5%	6.5%	6.5%	79.0%	79.0%	79.0%	79.0%	90.0%	90.0%	40.0%	40.0%	71.1%	71.1%	31.6%	31.6%	77.6%	77.6%	38.1%	38.1%	
Dioxin	MDL	57.8%	57.8%	57.8%	57.8%	38.6%	38.6%	38.6%	38.6%	90.0%	90.0%	40.0%	40.0%	34.7%	34.7%	15.4%	15.4%	92.5%	92.5%	73.2%	73.2%	
Phase V VOCs	MDL	0.0%	0.0%	0.0%	0.0%	53.1%	53.1%	53.1%	53.1%	90.0%	90.0%	40.0%	40.0%	47.8%	47.8%	21.2%	21.2%	47.8%	47.8%	21.2%	21.2%	
Phase V IOCs, except sulfate	MCL	0.0%	0.0%	0.0%	0.0%	22.2%	22.2%	22.2%	22.2%	90.0%	90.0%	40.0%	40.0%	20.0%	20.0%	8.9%	8.9%	20.0%	20.0%	8.9%	8.9%	
Diquat, Endothall, Glyphosate	MDL	34.8%	34.8%	34.8%	34.8%	56.3%	56.3%	56.3%	56.3%	90.0%	90.0%	40.0%	40.0%	50.7%	50.7%	22.5%	22.5%	85.5%	85.5%	57.3%	57.3%	
Oxyaryl	MDL	2.0%	2.0%	2.0%	2.0%	83.2%	83.2%	83.2%	83.2%	90.0%	90.0%	40.0%	40.0%	74.9%	74.9%	33.3%	33.3%	76.9%	76.9%	35.3%	35.3%	
Dinoseb	MDL	5.4%	5.4%	5.4%	5.4%	80.2%	80.2%	80.2%	80.2%	90.0%	90.0%	40.0%	40.0%	72.2%	72.2%	32.1%	32.1%	77.6%	77.6%	37.5%	37.5%	
Endrin, hexachloro-benzene, and hexachlorocyclopentadiene	MDL	11.3%	11.3%	11.3%	11.3%	76.3%	76.3%	76.3%	76.3%	90.0%	90.0%	40.0%	40.0%	68.7%	68.7%	30.5%	30.5%	80.0%	80.0%	41.8%	41.8%	
Dalapon	MDL	7.7%	7.7%	7.7%	7.7%	77.8%	77.8%	77.8%	77.8%	90.0%	90.0%	40.0%	40.0%	70.0%	70.0%	31.1%	31.1%	77.7%	77.7%	38.8%	38.8%	
Picloram	MDL	0.0%	0.0%	0.0%	0.0%	83.2%	83.2%	83.2%	83.2%	90.0%	90.0%	40.0%	40.0%	74.9%	74.9%	33.3%	33.3%	74.9%	74.9%	33.3%	33.3%	
Simazine	MDL	0.0%	0.0%	0.0%	0.0%	83.2%	83.2%	83.2%	83.2%	90.0%	90.0%	40.0%	40.0%	74.9%	74.9%	33.3%	33.3%	74.9%	74.9%	33.3%	33.3%	

\* Waivers are not available for nitrate and nitrite.

\*\* For GW systems, assumed that 90% of systems below the trigger receive system-specific waivers if available in their State. For SW systems, assumed that 40% of systems below the trigger receive system-specific waivers where available.

\*\*\*Now considered separately in the Arsenic Rule

Source for Columns A&B: Data collected from 44 States during on-site data verifications conducted 1997-2001. Data are weighted based on the number of CWSS and NTNCWSS in each State.

Exhibit 8 - Occurrence

Compound	Note	Trigger	Percent < MDL A				Percent > MDL but < 1/2 MCL B				Percent > 1/2 MCL but < MCL C				Percent > MCL D				Percent < Trigger E			
			GW		SW		GW		SW		GW		SW		GW		SW		GW		SW	
			<3301	>3300	<3301	>3300	<3301	>3300	<3301	>3300	<3301	>3300	<3301	>3300	<3301	>3300	<3301	>3300	<3301	>3300	<3301	>3300
Phase I VOCs	3	MDL	80.1%	80.1%	58.9%	58.9%	12.0%	12.0%	25.7%	25.7%	1.8%	1.8%	7.2%	7.2%	6.1%	6.1%	8.2%	8.2%	80.1%	80.1%	58.9%	58.9%
<b>Phase II</b>																						
Arsenic	6	MCL																				
Asbestos		MCL	91.5%	91.5%	91.1%	91.1%	7.6%	7.6%	8.2%	8.2%	0.5%	0.5%	0.0%	0.0%	0.4%	0.4%	0.7%	0.7%	99.6%	99.6%	99.3%	99.3%
Cadmium		MCL	95.1%	95.1%	94.9%	94.9%	3.7%	3.7%	3.8%	3.8%	0.6%	0.6%	1.1%	1.1%	0.6%	0.6%	0.2%	0.2%	99.4%	99.4%	99.8%	99.8%
Chromium		MCL	86.8%	86.8%	89.5%	89.5%	12.7%	12.7%	10.2%	10.2%	0.3%	0.3%	0.1%	0.1%	0.2%	0.2%	0.2%	0.2%	99.8%	99.8%	99.8%	99.8%
Fluoride		MCL	27.5%	27.5%	22.2%	22.2%	69.1%	69.1%	77.0%	77.0%	2.1%	2.1%	0.3%	0.3%	1.3%	1.3%	0.5%	0.5%	98.7%	98.7%	99.5%	99.5%
Mercury		MCL	95.5%	95.5%	91.0%	91.0%	3.8%	3.8%	7.7%	7.7%	0.3%	0.3%	0.8%	0.8%	0.4%	0.4%	0.5%	0.5%	99.6%	99.6%	99.5%	99.5%
Nitrate		1/2 MCL	13.1%	13.1%	13.1%	13.1%	85.0%	85.0%	85.0%	85.0%	1.9%	1.9%	1.9%	1.9%	0.0%	0.0%	0.0%	0.0%	98.1%	98.1%	98.1%	98.1%
Nitrite		1/2 MCL	85.7%	85.7%	85.7%	85.7%	14.1%	14.1%	14.1%	14.1%	0.0%	0.0%	0.0%	0.0%	0.2%	0.2%	0.2%	0.2%	99.8%	99.8%	99.8%	99.8%
Selenium		MCL	91.4%	91.4%	88.8%	88.8%	8.3%	8.3%	11.0%	11.0%	0.1%	0.1%	0.2%	0.2%	0.2%	0.2%	0.0%	0.0%	99.8%	99.8%	100.0%	100.0%
Phase II VOCs	4	MDL	93.6%	93.6%	88.9%	88.9%	2.5%	2.5%	6.6%	6.6%	0.7%	0.7%	1.6%	1.6%	3.2%	3.2%	2.9%	2.9%	93.6%	93.6%	88.9%	88.9%
Phase II SOCs	5	MDL	86.6%	86.6%	79.6%	79.6%	11.5%	11.5%	19.2%	19.2%	0.9%	0.9%	0.3%	0.3%	1.0%	1.0%	0.9%	0.9%	86.6%	86.6%	79.6%	79.6%
<b>Phase IIb</b>																						
Barium		MCL	52.7%	52.7%	50.9%	50.9%	46.5%	46.5%	48.5%	48.5%	0.6%	0.6%	0.1%	0.1%	0.2%	0.2%	0.5%	0.5%	99.8%	99.8%	99.5%	99.5%
Pentachlorophenol		MDL	99.3%	99.3%	96.9%	96.9%	0.6%	0.6%	2.7%	2.7%	0.1%	0.1%	0.2%	0.2%	0.0%	0.0%	0.2%	0.2%	99.3%	99.3%	96.9%	96.9%
<b>Phase V</b>																						
Adipates, Phthalates		MDL	86.6%	86.6%	79.6%	79.6%	11.5%	11.5%	19.2%	19.2%	0.9%	0.9%	0.3%	0.3%	1.0%	1.0%	0.9%	0.9%	86.6%	86.6%	79.6%	79.6%
PAH Benzo(a)pyrene		MDL	99.5%	99.5%	99.5%	99.5%	0.4%	0.4%	0.5%	0.5%	0.0%	0.0%	0.0%	0.0%	0.1%	0.1%	0.0%	0.0%	99.5%	99.5%	99.5%	99.5%
Dioxin		MDL	98.7%	98.7%	100.0%	100.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	1.3%	1.3%	0.0%	0.0%	98.7%	98.7%	100.0%	100.0%
Phase V VOCs	3	MDL	80.1%	80.1%	58.9%	58.9%	12.0%	12.0%	25.7%	25.7%	1.8%	1.8%	7.2%	7.2%	6.1%	6.1%	8.2%	8.2%	80.1%	80.1%	58.9%	58.9%
Phase V IOCs, except sulfate		MCL	16.5%	16.5%	16.3%	16.3%	74.3%	74.3%	76.9%	76.9%	5.0%	5.0%	4.3%	4.3%	4.2%	4.2%	2.5%	2.5%	95.8%	95.8%	97.5%	97.5%
Diquat, Endothall, Glyphosate	1	MDL	99.2%	99.2%	96.5%	96.5%	0.8%	0.8%	3.5%	3.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	99.2%	99.2%	96.5%	96.5%
Oxymyl		MDL	99.9%	99.9%	100.0%	100.0%	0.1%	0.1%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	99.9%	99.9%	100.0%	100.0%
Dinoseb		MDL	99.6%	99.6%	97.5%	97.5%	0.4%	0.4%	2.5%	2.5%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	99.6%	99.6%	97.5%	97.5%
Endrin, hexachlorobenzene, and hexachlorocyclopentadiene	2	MDL	99.9%	99.9%	90.4%	90.4%	0.1%	0.1%	8.6%	8.6%	0.0%	0.0%	0.4%	0.4%	0.0%	0.0%	0.6%	0.6%	99.9%	99.9%	90.4%	90.4%
Dalapon		MDL	99.2%	99.2%	90.6%	90.6%	0.8%	0.8%	9.2%	9.2%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.2%	0.2%	99.2%	99.2%	90.6%	90.6%
Picloram		MDL	99.5%	99.5%	96.3%	96.3%	0.5%	0.5%	3.7%	3.7%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	99.5%	99.5%	96.3%	96.3%
Simazine		MDL	98.6%	98.6%	84.1%	84.1%	1.4%	1.4%	13.4%	13.4%	0.0%	0.0%	1.5%	1.5%	0.0%	0.0%	1.0%	1.0%	98.6%	98.6%	84.1%	84.1%

Source: A Review of Contaminant Occurrence in Public Drinking Water Systems (EPA 816-R-99-006, November 1999).

- Note 1 Used Diquat
- Note 2 Used Hexachlorocyclopentadiene
- Note 3 Used VOCs-All Regulated
- Note 4 Used VOCs-Group 2
- Note 5 Used SOCs-Group 2
- Note 6 Now covered in the Arsenic Rule

Exhibit 9 - % by scenario

Compound	Trigger	Scenario 1				Scenario 2				Scenario 3				Scenario 4			
		A				B				C				D			
		Below trigger & no waiver (=E from "occurrence" * (1-E) from "waivers")				Below trigger & waiver (=E from "occurrence" * E from "waivers")				Above MCL (=D from "occurrence")				Above trigger & below MCL (=(1-E) - D from "occurrence")			
		GW		SW		GW		SW		GW		SW		GW		SW	
<3301		>3300		<3301		>3300		<3301		>3300		<3301		>3300			
Phase I VOCs	MDL	41.8%	41.8%	46.4%	46.4%	38.3%	38.3%	12.5%	12.5%	6.1%	6.1%	8.2%	8.2%	13.8%	13.8%	32.9%	32.9%
<b>Phase II</b>																	
Arsenic***	MCL																
Asbestos*	MCL	14.0%	14.0%	14.0%	14.0%	85.6%	85.6%	85.3%	85.3%	0.4%	0.4%	0.7%	0.7%				
Cadmium*	MCL	79.5%	79.5%	90.9%	90.9%	19.9%	19.9%	8.9%	8.9%	0.6%	0.6%	0.2%	0.2%				
Chromium*	MCL	79.9%	79.9%	90.9%	90.9%	19.9%	19.9%	8.9%	8.9%	0.2%	0.2%	0.2%	0.2%				
Fluoride*	MCL	79.0%	79.0%	90.7%	90.7%	19.7%	19.7%	8.8%	8.8%	1.3%	1.3%	0.5%	0.5%				
Mercury*	MCL	79.7%	79.7%	90.7%	90.7%	19.9%	19.9%	8.8%	8.8%	0.4%	0.4%	0.5%	0.5%				
Nitrate**	1/2 MCL	98.1%	98.1%	98.1%	98.1%					0.0%	0.0%	0.0%	0.0%	1.9%	1.9%	1.9%	1.9%
Nitrite**	1/2 MCL	99.8%	99.8%	99.8%	99.8%					0.2%	0.2%	0.2%	0.2%	0.0%	0.0%	0.0%	0.0%
Selenium*	MCL	79.9%	79.9%	91.1%	91.1%	19.9%	19.9%	8.9%	8.9%	0.2%	0.2%	0.0%	0.0%				
Phase II VOCs	MDL	48.9%	48.9%	70.0%	70.0%	44.7%	44.7%	18.9%	18.9%	3.2%	3.2%	2.9%	2.9%	3.2%	3.2%	8.2%	8.2%
Phase II SOCs	MDL	20.4%	20.4%	51.8%	51.8%	66.2%	66.2%	27.8%	27.8%	1.0%	1.0%	0.9%	0.9%	12.4%	12.4%	19.5%	19.5%
<b>Phase IIb</b>																	
Barium*	MCL	79.9%	79.9%	90.7%	90.7%	19.9%	19.9%	8.8%	8.8%	0.2%	0.2%	0.5%	0.5%				
Pentachlorophenol	MDL	24.9%	24.9%	64.7%	64.7%	74.4%	74.4%	32.2%	32.2%	0.0%	0.0%	0.2%	0.2%	0.7%	0.7%	2.9%	2.9%
<b>Phase V</b>																	
Adipates, Phthalates	MDL	21.8%	21.8%	50.9%	50.9%	64.8%	64.8%	28.7%	28.7%	1.0%	1.0%	0.9%	0.9%	12.4%	12.4%	19.5%	19.5%
PAH Benzo(a)pyrene	MDL	22.3%	22.3%	61.6%	61.6%	77.2%	77.2%	37.9%	37.9%	0.1%	0.1%	0.0%	0.0%	0.4%	0.4%	0.5%	0.5%
Dioxin	MDL	7.4%	7.4%	26.8%	26.8%	91.3%	91.3%	73.2%	73.2%	1.3%	1.3%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
Phase V VOCs	MDL	41.8%	41.8%	46.4%	46.4%	38.3%	38.3%	12.5%	12.5%	6.1%	6.1%	8.2%	8.2%	13.8%	13.8%	32.9%	32.9%
Phase V IOCs, except sulfate*	MCL	76.7%	76.7%	88.8%	88.8%	19.1%	19.1%	8.7%	8.7%	4.2%	4.2%	2.5%	2.5%				
Diquat, Endothall, Glyphosate	MDL	14.4%	14.4%	41.2%	41.2%	84.8%	84.8%	55.3%	55.3%	0.0%	0.0%	0.0%	0.0%	0.8%	0.8%	3.5%	3.5%
Oxymyl	MDL	23.1%	23.1%	64.7%	64.7%	76.8%	76.8%	35.3%	35.3%	0.0%	0.0%	0.0%	0.0%	0.1%	0.1%	0.0%	0.0%
Dinoseb	MDL	22.3%	22.3%	61.0%	61.0%	77.3%	77.3%	36.5%	36.5%	0.0%	0.0%	0.0%	0.0%	0.4%	0.4%	2.5%	2.5%
Endrin, hexachloro- benzene, and hexachlorocyclopentadiene	MDL	20.0%	20.0%	52.6%	52.6%	79.9%	79.9%	37.8%	37.8%	0.0%	0.0%	0.6%	0.6%	0.1%	0.1%	9.0%	9.0%
Dalapon	MDL	22.1%	22.1%	55.4%	55.4%	77.1%	77.1%	35.2%	35.2%	0.0%	0.0%	0.2%	0.2%	0.8%	0.8%	9.2%	9.2%
Picloram	MDL	25.0%	25.0%	64.3%	64.3%	74.5%	74.5%	32.0%	32.0%	0.0%	0.0%	0.0%	0.0%	0.5%	0.5%	3.7%	3.7%
Simazine	MDL	24.8%	24.8%	56.1%	56.1%	73.8%	73.8%	28.0%	28.0%	0.0%	0.0%	1.0%	1.0%	1.4%	1.4%	14.9%	14.9%

\* Because the MCL is the trigger for IOCs (except nitrate and nitrite), there is no "Scenario 4" in which the monitoring results are below the MCL but above the trigger.

\*\*Waivers are not available for nitrate and nitrite.

\*\*\*Now considered separately in the Arsenic Rule

Phase I VOCs Ground Water Systems, CWSs & NTNCWSs																			
Size Category	# of Affected Systems (from "systems")	Percent of Systems by Scenario (from "% by scenario")				Number of Systems by Scenario				Annual Sampling Frequency by Scenario (from "frequency")				Annual Sampling Events by Scenario					
		B				C=A*B				D				E=C*D					
		Scen. 1 Below trigger & no waiver	Scen. 2 Below trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Scen. 1 Below trigger & no waiver	Scen. 2 Below trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Scen. 1 Below trigger & no waiver	Scen. 2 Below trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Scen. 1 Above trigger & no waiver	Scen. 2 Above trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Total	
0-100	20,590	41.8%	38.3%	6.1%	13.8%	8,611	7,882	1,256	2,841	0.33	0.22	4.00	1.67	2,842	1,734	5,024	4,745	14,345	
101-500	19,541	41.8%	38.3%	6.1%	13.8%	8,172	7,480	1,192	2,697	0.33	0.22	4.00	1.67	2,697	1,646	4,768	4,503	13,614	
501-1,000	5,795	41.8%	38.3%	6.1%	13.8%	2,423	2,218	353	800	0.33	0.22	4.00	1.67	800	488	1,414	1,335	4,037	
1,001-3,300	6,059	41.8%	38.3%	6.1%	13.8%	2,534	2,319	370	836	0.33	0.22	4.00	1.67	836	510	1,478	1,396	4,221	
3,301-10,000	2,736	41.8%	38.3%	6.1%	13.8%	1,144	1,047	167	378	0.33	0.22	4.00	1.67	378	230	667	630	1,906	
10,001-50,000	1,309	41.8%	38.3%	6.1%	13.8%	547	501	80	181	0.33	0.22	4.00	1.67	181	110	319	302	912	
50,001-100,000	145	41.8%	38.3%	6.1%	13.8%	61	56	9	20	0.33	0.22	4.00	1.67	20	12	35	33	101	
100,001-1,000,000	71	41.8%	38.3%	6.1%	13.8%	30	27	4	10	0.33	0.22	4.00	1.67	10	6	17	16	49	
>1,000,000	3	41.8%	38.3%	6.1%	13.8%	1	1	0	0	0.33	0.22	4.00	1.67	0	0	1	1	2	
<b>Total</b>	<b>56,248</b>					<b>23,523</b>	<b>21,532</b>	<b>3,431</b>	<b>7,762</b>					<b>7,763</b>	<b>4,737</b>	<b>13,724</b>	<b>12,963</b>	<b>39,187</b>	

Phase I VOCs Surface Water Systems, CWSs & NTNCWSs																			
Size Category	# of Affected Systems (from "systems")	Percent of Systems by Scenario (from "% by scenario")				Number of Systems by Scenario				Annual Sampling Frequency by Scenario (from "frequency")				Annual Sampling Events by Scenario					
		B				C=A*B				D				E=C*D					
		Scen. 1 Below trigger & no waiver	Scen. 2 Below trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Scen. 1 Below trigger & no waiver	Scen. 2 Below trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Scen. 1 Below trigger & no waiver	Scen. 2 Below trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Scen. 1 Above trigger & no waiver	Scen. 2 Above trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Total	
0-100	567	41.8%	12.5%	8.2%	32.9%	237	71	47	187	1.00	0.33	4.00	2.33	237	23	186	435	882	
101-500	807	41.8%	12.5%	8.2%	32.9%	338	101	66	266	1.00	0.33	4.00	2.33	338	33	265	619	1,254	
501-1,000	425	41.8%	12.5%	8.2%	32.9%	178	53	35	140	1.00	0.33	4.00	2.33	178	18	139	326	661	
1,001-3,300	977	41.8%	12.5%	8.2%	32.9%	409	122	80	322	1.00	0.33	4.00	2.33	409	40	321	749	1,519	
3,301-10,000	1,010	46.4%	12.5%	8.2%	32.9%	469	126	83	332	1.00	0.33	4.00	2.33	469	42	331	774	1,616	
10,001-50,000	964	46.4%	12.5%	8.2%	32.9%	447	121	79	317	1.00	0.33	4.00	2.33	447	40	316	739	1,542	
50,001-100,000	218	46.4%	12.5%	8.2%	32.9%	101	27	18	72	1.00	0.33	4.00	2.33	101	9	72	167	349	
100,001-1,000,000	230	46.4%	12.5%	8.2%	32.9%	107	29	19	76	1.00	0.33	4.00	2.33	107	9	75	176	368	
>1,000,000	15	46.4%	12.5%	8.2%	32.9%	7	2	1	5	1.00	0.33	4.00	2.33	7	1	5	11	24	
<b>Total</b>	<b>5,214</b>					<b>2,292</b>	<b>652</b>	<b>428</b>	<b>1,715</b>					<b>2,292</b>	<b>215</b>	<b>1,710</b>	<b>3,997</b>	<b>8,215</b>	

<b>Phase I VOCs:</b>																			
<b>GRAND TOTAL</b>	<b>61,462</b>					<b>25,815</b>	<b>22,184</b>	<b>3,859</b>	<b>9,478</b>					<b>10,055</b>	<b>4,952</b>	<b>15,435</b>	<b>16,960</b>	<b>47,401</b>	

Phase I VOCs (continued)							
Ground Water Systems, CWSs & NTNCWSs							
Size Category	Total Annual Sampling Events (carried forward from previous pg.)	Samples per Event (from B of "sampling pts")	Total Number of Samples per Year	Burden		Cost	
				Burden per Sample, hrs. (from "burden by chem")	Total Burden, hrs.	Cost per Sample, \$ (from "burden by chem")	Total Cost, \$
	E	F	G=E*F	H	I=G*H	J	K=G*J
0-100	14,345	1.15	16,425	2.0	32,850	\$77	\$1,262,739
101-500	13,614	1.15	15,588	2.0	31,176	\$77	\$1,198,398
501-1,000	4,037	1.40	5,652	2.0	11,304	\$77	\$434,519
1,001-3,300	4,221	1.40	5,910	2.0	11,819	\$77	\$454,324
3,301-10,000	1,906	1.80	3,421	2.0	6,842	\$77	\$263,001
10,001-50,000	912	2.93	2,671	2.0	5,342	\$77	\$205,359
50,001-100,000	101	2.93	296	2.0	592	\$77	\$22,755
100,001-1,000,000	49	8.79	435	2.0	870	\$77	\$33,427
>1,000,000	2	8.79	18	2.0	37	\$77	\$1,412
Total	39,187		50,415		100,831		\$3,875,934

Phase I VOCs (continued)							
Surface Water Systems, CWSs & NTNCWSs							
Size Category	Total Annual Sampling Events (carried forward from previous pg.)	Samples per Event (from B of "sampling pts")	Total Number of Samples per Year	Burden		Cost	
				Burden per Sample, hrs. (from "burden by chem")	Total Burden, hrs.	Cost per Sample, \$ (from "burden by chem")	Total Cost, \$
	E	F	G=E*F	H	I=G*H	J	K=G*J
0-100	882	1.12	987	2.0	1,975	\$77	\$75,907
101-500	1,254	1.12	1,405	2.0	2,810	\$77	\$108,015
501-1,000	661	1.19	783	2.0	1,566	\$77	\$60,180
1,001-3,300	1,519	1.19	1,800	2.0	3,600	\$77	\$138,377
3,301-10,000	1,616	1.27	2,044	2.0	4,089	\$77	\$157,169
10,001-50,000	1,542	2.29	3,532	2.0	7,064	\$77	\$271,532
50,001-100,000	349	2.29	799	2.0	1,597	\$77	\$61,398
100,001-1,000,000	368	4.24	1,560	2.0	3,120	\$77	\$119,939
>1,000,000	24	4.24	102	2.0	203	\$77	\$7,822
Total	8,215		13,012		26,023		\$1,000,339

<b>Phase I VOCs</b>			
<b>GRAND TOTAL</b>	<b>47,401</b>	<b>63,427</b>	<b>\$4,876,273</b>

Note: Burden estimates take into account the results of the February 2008 consultation with water industry representatives.

Arsenic Ground Water Systems, CWSs & NTNCWSs																					
Size Category	# of Affected Systems (from C of "systems")	Percent of Systems by Scenario (from "% by scenario")				Number of Systems by Scenario				Annual Sampling Frequency by Scenario (from "frequency")				Annual Sampling Events by Scenario							
		A				B				C=A*B				D				E=C*D			
		Scen. 1 Below trigger & no waiver	Scen. 2 Below trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Scen. 1 Below trigger & no waiver	Scen. 2 Below trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Scen. 1 Below trigger & no waiver	Scen. 2 Below trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Scen. 1 Above trigger & no waiver	Scen. 2 Above trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Total			
0-100	20,590	0.0%	0.0%	0.0%	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
101-500	19,541	0.0%	0.0%	0.0%	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
501-1,000	5,795	0.0%	0.0%	0.0%	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
1,001-3,300	6,059	0.0%	0.0%	0.0%	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
3,301-10,000	2,736	0.0%	0.0%	0.0%	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
10,001-50,000	1,309	0.0%	0.0%	0.0%	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
50,001-100,000	145	0.0%	0.0%	0.0%	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
100,001-1,000,000	71	0.0%	0.0%	0.0%	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
>1,000,000	3	0.0%	0.0%	0.0%	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Total	56,248																				

Arsenic Surface Water Systems, CWSs & NTNCWSs																					
Size Category	# of Affected Systems (from C of "systems")	Percent of Systems by Scenario (from "% by scenario")				Number of Systems by Scenario				Annual Sampling Frequency by Scenario (from "frequency")				Annual Sampling Events by Scenario							
		A				B				C=A*B				D				E=C*D			
		Scen. 1 Below trigger & no waiver	Scen. 2 Below trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Scen. 1 Below trigger & no waiver	Scen. 2 Below trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Scen. 1 Below trigger & no waiver	Scen. 2 Below trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Scen. 1 Above trigger & no waiver	Scen. 2 Above trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Total			
0-100	567	0.0%	0.0%	0.0%	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
101-500	807	0.0%	0.0%	0.0%	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
501-1,000	425	0.0%	0.0%	0.0%	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
1,001-3,300	977	0.0%	0.0%	0.0%	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
3,301-10,000	1,010	0.0%	0.0%	0.0%	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
10,001-50,000	964	0.0%	0.0%	0.0%	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
50,001-100,000	218	0.0%	0.0%	0.0%	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
100,001-1,000,000	230	0.0%	0.0%	0.0%	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
>1,000,000	15	0.0%	0.0%	0.0%	-	-	-	-	-	-	-	-	-	-	-	-	-	-			
Total	5,214																				

Arsenic:																		
<b>GRAND TOTAL</b>																		
	61,462																	

Arsenic (continued)							
Ground Water Systems, CWSs & NTNCWSs							
Size Category	Total Annual Sampling Events (carried forward from previous pg.)	Samples per Event (from B of "sampling pts")	Total Number of Samples per Year	Burden		Cost	
				Burden per Sample, hrs. (from "burden by chem")	Total Burden, hrs.	Cost per Sample, \$ (from "burden by chem")	Total Cost, \$
	E	F	G=E*F	H	I=G*H	J	K=G*J
0-100	-	1.15	-	0.0	-	\$0	\$0
101-500	-	1.15	-	0.0	-	\$0	\$0
501-1,000	-	1.40	-	0.0	-	\$0	\$0
1,001-3,300	-	1.40	-	0.0	-	\$0	\$0
3,301-10,000	-	1.80	-	0.0	-	\$0	\$0
10,001-50,000	-	2.93	-	0.0	-	\$0	\$0
50,001-100,000	-	2.93	-	0.0	-	\$0	\$0
100,001-1,000,000	-	8.79	-	0.0	-	\$0	\$0
>1,000,000	-	8.79	-	0.0	-	\$0	\$0
Total	-	-	-	-	-	\$0	\$0

Arsenic (continued)							
Surface Water Systems, CWSs & NTNCWSs							
Size Category	Total Annual Sampling Events (carried forward from previous pg.)	Samples per Event (from B of "sampling pts")	Total Number of Samples per Year	Burden		Cost	
				Burden per Sample, hrs. (from "burden by chem")	Total Burden, hrs.	Cost per Sample, \$ (from "burden by chem")	Total Cost, \$
	E	F	G=E*F	H	I=G*H	J	K=G*J
0-100	-	1.12	-	0.0	-	\$0	\$0
101-500	-	1.12	-	0.0	-	\$0	\$0
501-1,000	-	1.19	-	0.0	-	\$0	\$0
1,001-3,300	-	1.19	-	0.0	-	\$0	\$0
3,301-10,000	-	1.27	-	0.0	-	\$0	\$0
10,001-50,000	-	2.29	-	0.0	-	\$0	\$0
50,001-100,000	-	2.29	-	0.0	-	\$0	\$0
100,001-1,000,000	-	4.24	-	0.0	-	\$0	\$0
>1,000,000	-	4.24	-	0.0	-	\$0	\$0
Total	-	-	-	-	-	\$0	\$0

<b>Arsenic</b>							
<b>GRAND TOTAL</b>	-	-	-	-	-	\$0	\$0

Note: Burden estimates take into account the results of the February 2008 consultation with water industry representatives.



Asbestos Ground Water Systems, CWSs & NTNCWSs																		
Size Category	# of Affected Systems (from C of "systems")	Percent of Systems by Scenario (from "% by scenario")				Number of Systems by Scenario				Annual Sampling Frequency by Scenario (from "frequency")				Annual Sampling Events by Scenario				
		B				C=A*B				D				E=C*D				
		Scen. 1 Below trigger & no waiver	Scen. 2 Below trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Scen. 1 Below trigger & no waiver	Scen. 2 Below trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Scen. 1 Below trigger & no waiver	Scen. 2 Below trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Scen. 1 Above trigger & no waiver	Scen. 2 Above trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Total
0-100	20,590	14.0%	85.6%	0.4%	-	2,883	17,624	82	-	0.11	-	4.00	-	317	-	329	-	647
101-500	19,541	14.0%	85.6%	0.4%	-	2,736	16,726	78	-	0.11	-	4.00	-	301	-	313	-	614
501-1,000	5,795	14.0%	85.6%	0.4%	-	811	4,960	23	-	0.11	-	4.00	-	89	-	93	-	182
1,001-3,300	6,059	14.0%	85.6%	0.4%	-	848	5,186	24	-	0.11	-	4.00	-	93	-	97	-	190
3,301-10,000	2,736	14.0%	85.6%	0.4%	-	383	2,342	11	-	0.11	-	4.00	-	42	-	44	-	86
10,001-50,000	1,309	14.0%	85.6%	0.4%	-	183	1,120	5	-	0.11	-	4.00	-	20	-	21	-	41
50,001-100,000	145	14.0%	85.6%	0.4%	-	20	124	1	-	0.11	-	4.00	-	2	-	2	-	5
100,001-1,000,000	71	14.0%	85.6%	0.4%	-	10	61	0	-	0.11	-	4.00	-	1	-	1	-	2
>1,000,000	3	14.0%	85.6%	0.4%	-	0	3	0	-	0.11	-	4.00	-	0	-	0	-	0
<b>Total</b>	<b>56,248</b>					<b>7,877</b>	<b>48,146</b>	<b>225</b>	<b>-</b>					<b>866</b>	<b>-</b>	<b>900</b>	<b>-</b>	<b>1,766</b>

Asbestos Surface Water Systems, CWSs & NTNCWSs																		
Size Category	# of Affected Systems (from C of "systems")	Percent of Systems by Scenario (from "% by scenario")				Number of Systems by Scenario				Annual Sampling Frequency by Scenario (from "frequency")				Annual Sampling Events by Scenario				
		B				C=A*B				D				E=C*D				
		Scen. 1 Below trigger & no waiver	Scen. 2 Below trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Scen. 1 Below trigger & no waiver	Scen. 2 Below trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Scen. 1 Below trigger & no waiver	Scen. 2 Below trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Scen. 1 Above trigger & no waiver	Scen. 2 Above trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Total
0-100	567	14.0%	85.3%	0.7%	-	79	484	4	-	0.11	-	4.00	-	9	-	16	-	25
101-500	807	14.0%	85.3%	0.7%	-	113	689	6	-	0.11	-	4.00	-	12	-	23	-	35
501-1,000	425	14.0%	85.3%	0.7%	-	60	363	3	-	0.11	-	4.00	-	7	-	12	-	18
1,001-3,300	977	14.0%	85.3%	0.7%	-	137	834	7	-	0.11	-	4.00	-	15	-	27	-	42
3,301-10,000	1,010	14.0%	85.3%	0.7%	-	141	862	7	-	0.11	-	4.00	-	16	-	28	-	44
10,001-50,000	964	14.0%	85.3%	0.7%	-	135	823	7	-	0.11	-	4.00	-	15	-	27	-	42
50,001-100,000	218	14.0%	85.3%	0.7%	-	30	186	2	-	0.11	-	4.00	-	3	-	6	-	9
100,001-1,000,000	230	14.0%	85.3%	0.7%	-	32	196	2	-	0.11	-	4.00	-	4	-	6	-	10
>1,000,000	15	14.0%	85.3%	0.7%	-	2	13	0	-	0.11	-	4.00	-	0	-	0	-	1
<b>Total</b>	<b>5,214</b>					<b>729</b>	<b>4,450</b>	<b>36</b>	<b>-</b>					<b>80</b>	<b>-</b>	<b>146</b>	<b>-</b>	<b>226</b>

<b>Asbestos:</b>																		
<b>GRAND TOTAL</b>	<b>61,462</b>					<b>8,606</b>	<b>52,596</b>	<b>261</b>	<b>-</b>					<b>947</b>	<b>-</b>	<b>1,046</b>	<b>-</b>	<b>1,993</b>

Asbestos (continued)							
Ground Water Systems, CWSs & NTNCWSs							
Size Category	Total Annual Sampling Events (carried forward from previous pg.)	Samples per Event (from B of "sampling pts")	Total Number of Samples per Year	Burden		Cost	
				Burden per Sample, hrs. (from "burden by chem")	Total Burden, hrs.	Cost per Sample, \$ (from "burden by chem")	Total Cost, \$
	E	F	G=E*F	H	I=G*H	J	K=G*J
0-100	647	1.15	740	2.5	1,851	\$430	\$318,708
101-500	614	1.15	703	2.5	1,757	\$430	\$302,469
501-1,000	182	1.40	255	2.5	637	\$430	\$109,670
1,001-3,300	190	1.40	266	2.5	666	\$430	\$114,669
3,301-10,000	86	1.80	154	2.5	386	\$430	\$66,380
10,001-50,000	41	2.93	120	2.5	301	\$430	\$51,831
50,001-100,000	5	2.93	13	2.5	33	\$430	\$5,743
100,001-1,000,000	2	8.79	20	2.5	49	\$430	\$8,437
>1,000,000	0	8.79	1	2.5	2	\$430	\$356
<b>Total</b>	<b>1,766</b>		<b>2,273</b>		<b>5,681</b>		<b>\$978,264</b>

Asbestos (continued)							
Surface Water Systems, CWSs & NTNCWSs							
Size Category	Total Annual Sampling Events (carried forward from previous pg.)	Samples per Event (from B of "sampling pts")	Total Number of Samples per Year	Burden		Cost	
				Burden per Sample, hrs. (from "burden by chem")	Total Burden, hrs.	Cost per Sample, \$ (from "burden by chem")	Total Cost, \$
	E	F	G=E*F	H	I=G*H	J	K=G*J
0-100	25	1.12	28	2.5	69	\$430	\$11,871
101-500	35	1.12	39	2.5	98	\$430	\$16,892
501-1,000	18	1.19	22	2.5	55	\$430	\$9,411
1,001-3,300	42	1.19	50	2.5	126	\$430	\$21,640
3,301-10,000	44	1.27	55	2.5	139	\$430	\$23,851
10,001-50,000	42	2.29	96	2.5	239	\$430	\$41,206
50,001-100,000	9	2.29	22	2.5	54	\$430	\$9,317
100,001-1,000,000	10	4.24	42	2.5	106	\$430	\$18,201
>1,000,000	1	4.24	3	2.5	7	\$430	\$1,187
<b>Total</b>	<b>226</b>		<b>357</b>		<b>892</b>		<b>\$153,577</b>

<b>Asbestos</b>							
<b>GRAND TOTAL</b>	<b>1,993</b>		<b>2,629</b>		<b>6,573</b>		<b>\$1,131,840</b>

Note: Burden estimates take into account the results of the February 2008 consultation with water industry representatives.

Cadmium Ground Water Systems, CWSs & NTNCWSs																		
Size Category	# of Affected Systems (from C of "systems")	Percent of Systems by Scenario (from "% by scenario")				Number of Systems by Scenario				Annual Sampling Frequency by Scenario (from "frequency")				Annual Sampling Events by Scenario				
		A				C=A*B				D				E=C*D				
		Scen. 1 Below trigger & no waiver	Scen. 2 Below trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Scen. 1 Below trigger & no waiver	Scen. 2 Below trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Scen. 1 Below trigger & no waiver	Scen. 2 Below trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Scen. 1 Above trigger & no waiver	Scen. 2 Above trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Total
0-100	20,590	79.5%	19.9%	0.6%	-	16,377	4,089	124	-	0.33	0.11	4.00	-	5,405	450	494	-	6,349
101-500	19,541	79.5%	19.9%	0.6%	-	15,543	3,881	117	-	0.33	0.11	4.00	-	5,129	427	469	-	6,025
501-1,000	5,795	79.5%	19.9%	0.6%	-	4,609	1,151	35	-	0.33	0.11	4.00	-	1,521	127	139	-	1,787
1,001-3,300	6,059	79.5%	19.9%	0.6%	-	4,819	1,203	36	-	0.33	0.11	4.00	-	1,590	132	145	-	1,868
3,301-10,000	2,736	79.5%	19.9%	0.6%	-	2,176	543	16	-	0.33	0.11	4.00	-	718	60	66	-	843
10,001-50,000	1,309	79.5%	19.9%	0.6%	-	1,041	260	8	-	0.33	0.11	4.00	-	343	29	31	-	403
50,001-100,000	145	79.5%	19.9%	0.6%	-	115	29	1	-	0.33	0.11	4.00	-	38	3	3	-	45
100,001-1,000,000	71	79.5%	19.9%	0.6%	-	56	14	0	-	0.33	0.11	4.00	-	19	2	2	-	22
>1,000,000	3	79.5%	19.9%	0.6%	-	2	1	0	-	0.33	0.11	4.00	-	1	0	0	-	1
<b>Total</b>	<b>56,248</b>					<b>44,740</b>	<b>11,171</b>	<b>337</b>	<b>-</b>				<b>-</b>	<b>14,764</b>	<b>1,229</b>	<b>1,350</b>	<b>-</b>	<b>17,343</b>

Cadmium Surface Water Systems, CWSs & NTNCWSs																		
Size Category	# of Affected Systems (from C of "systems")	Percent of Systems by Scenario (from "% by scenario")				Number of Systems by Scenario				Annual Sampling Frequency by Scenario (from "frequency")				Annual Sampling Events by Scenario				
		A				C=A*B				D				E=C*D				
		Scen. 1 Below trigger & no waiver	Scen. 2 Below trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Scen. 1 Below trigger & no waiver	Scen. 2 Below trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Scen. 1 Below trigger & no waiver	Scen. 2 Below trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Scen. 1 Above trigger & no waiver	Scen. 2 Above trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Total
0-100	567	79.5%	8.9%	0.2%	-	451	50	1	-	1.00	0.11	4.00	-	451	6	5	-	461
101-500	807	79.5%	8.9%	0.2%	-	642	72	2	-	1.00	0.11	4.00	-	642	8	6	-	656
501-1,000	425	79.5%	8.9%	0.2%	-	338	38	1	-	1.00	0.11	4.00	-	338	4	3	-	346
1,001-3,300	977	79.5%	8.9%	0.2%	-	777	87	2	-	1.00	0.11	4.00	-	777	10	8	-	795
3,301-10,000	1,010	90.9%	8.9%	0.2%	-	919	90	2	-	1.00	0.11	4.00	-	919	10	8	-	937
10,001-50,000	964	90.9%	8.9%	0.2%	-	877	85	2	-	1.00	0.11	4.00	-	877	9	8	-	894
50,001-100,000	218	90.9%	8.9%	0.2%	-	198	19	0	-	1.00	0.11	4.00	-	198	2	2	-	202
100,001-1,000,000	230	90.9%	8.9%	0.2%	-	209	20	0	-	1.00	0.11	4.00	-	209	2	2	-	213
>1,000,000	15	90.9%	8.9%	0.2%	-	14	1	0	-	1.00	0.11	4.00	-	14	0	0	-	14
<b>Total</b>	<b>5,214</b>					<b>4,425</b>	<b>462</b>	<b>10</b>	<b>-</b>				<b>-</b>	<b>4,425</b>	<b>51</b>	<b>42</b>	<b>-</b>	<b>4,518</b>

<b>Cadmium:</b>																		
<b>GRAND TOTAL</b>	<b>61,462</b>					<b>49,165</b>	<b>11,633</b>	<b>348</b>	<b>-</b>				<b>19,189</b>	<b>1,280</b>	<b>1,392</b>	<b>-</b>	<b>21,861</b>	

Cadmium (continued)							
Ground Water Systems, CWSs & NTNCWSs							
Size Category	Total Annual Sampling Events (carried forward from previous pg.)	Samples per Event (from B of "sampling pts")	Total Number of Samples per Year	Burden		Cost	
				Burden per Sample, hrs. (from "burden by chem")	Total Burden, hrs.	Cost per Sample, \$ (from "burden by chem")	Total Cost, \$
	E	F	G=E*F	H	I=G*H	J	K=G*J
0-100	6,349	1.15	7,269	0.5	3,635	\$430	\$3,129,097
101-500	6,025	1.15	6,899	0.5	3,449	\$430	\$2,969,658
501-1,000	1,787	1.40	2,501	0.5	1,251	\$430	\$1,076,747
1,001-3,300	1,868	1.40	2,615	0.5	1,308	\$430	\$1,125,824
3,301-10,000	843	1.80	1,514	0.5	757	\$430	\$651,721
10,001-50,000	403	2.93	1,182	0.5	591	\$430	\$508,883
50,001-100,000	45	2.93	131	0.5	65	\$430	\$56,388
100,001-1,000,000	22	8.79	192	0.5	96	\$430	\$82,832
>1,000,000	1	8.79	8	0.5	4	\$430	\$3,500
<b>Total</b>	<b>17,343</b>		<b>22,312</b>		<b>11,156</b>		<b>\$9,604,652</b>

Cadmium (continued)							
Surface Water Systems, CWSs & NTNCWSs							
Size Category	Total Annual Sampling Events (carried forward from previous pg.)	Samples per Event (from B of "sampling pts")	Total Number of Samples per Year	Burden		Cost	
				Burden per Sample, hrs. (from "burden by chem")	Total Burden, hrs.	Cost per Sample, \$ (from "burden by chem")	Total Cost, \$
	E	F	G=E*F	H	I=G*H	J	K=G*J
0-100	461	1.12	517	2.5	1,292	\$430	\$222,389
101-500	656	1.12	735	2.5	1,838	\$430	\$316,455
501-1,000	346	1.19	410	2.5	1,024	\$430	\$176,312
1,001-3,300	795	1.19	942	2.5	2,354	\$430	\$405,409
3,301-10,000	937	1.27	1,185	2.5	2,962	\$430	\$510,013
10,001-50,000	894	2.29	2,047	2.5	5,117	\$430	\$881,120
50,001-100,000	202	2.29	463	2.5	1,157	\$430	\$199,238
100,001-1,000,000	213	4.24	904	2.5	2,260	\$430	\$389,200
>1,000,000	14	4.24	59	2.5	147	\$430	\$25,383
<b>Total</b>	<b>4,518</b>		<b>7,261</b>		<b>18,152</b>		<b>\$3,125,518</b>

<b>Cadmium</b>							
<b>GRAND TOTAL</b>	<b>21,861</b>		<b>29,573</b>		<b>29,308</b>		<b>\$12,730,170</b>

Note: Burden estimates take into account the results of the February 2008 consultation with water industry representatives.

Chromium Ground Water Systems, CWSs & NTNCWSs																			
Size Category	# of Affected Systems (from C of "systems")	Percent of Systems by Scenario (from "% by scenario")				Number of Systems by Scenario				Annual Sampling Frequency by Scenario (from "frequency")				Annual Sampling Events by Scenario					
		B				C=A*B				D				E=C*D					
		Scen. 1 Below trigger & no waiver	Scen. 2 Below trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Scen. 1 Below trigger & no waiver	Scen. 2 Below trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Scen. 1 Below trigger & no waiver	Scen. 2 Below trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Scen. 1 Above trigger & no waiver	Scen. 2 Above trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Total	
0-100	20,590	79.5%	19.9%	0.6%	-	16,377	4,089	124	-	0.33	0.11	4.00	-	5,405	450	494	-	6,349	
101-500	19,541	79.5%	19.9%	0.6%	-	15,543	3,881	117	-	0.33	0.11	4.00	-	5,129	427	469	-	6,025	
501-1,000	5,795	79.5%	19.9%	0.6%	-	4,609	1,151	35	-	0.33	0.11	4.00	-	1,521	127	139	-	1,787	
1,001-3,300	6,059	79.5%	19.9%	0.6%	-	4,819	1,203	36	-	0.33	0.11	4.00	-	1,590	132	145	-	1,868	
3,301-10,000	2,736	79.5%	19.9%	0.6%	-	2,176	543	16	-	0.33	0.11	4.00	-	718	60	66	-	843	
10,001-50,000	1,309	79.5%	19.9%	0.6%	-	1,041	260	8	-	0.33	0.11	4.00	-	343	29	31	-	403	
50,001-100,000	145	79.5%	19.9%	0.6%	-	115	29	1	-	0.33	0.11	4.00	-	38	3	3	-	45	
100,001-1,000,000	71	79.5%	19.9%	0.6%	-	56	14	0	-	0.33	0.11	4.00	-	19	2	2	-	22	
>1,000,000	3	79.5%	19.9%	0.6%	-	2	1	0	-	0.33	0.11	4.00	-	1	0	0	-	1	
<b>Total</b>	<b>56,248</b>					<b>44,740</b>	<b>11,171</b>	<b>337</b>	<b>-</b>				<b>-</b>	<b>14,764</b>	<b>1,229</b>	<b>1,350</b>	<b>-</b>	<b>17,343</b>	

Chromium Surface Water Systems, CWSs & NTNCWSs																			
Size Category	# of Affected Systems (from C of "systems")	Percent of Systems by Scenario (from "% by scenario")				Number of Systems by Scenario				Annual Sampling Frequency by Scenario (from "frequency")				Annual Sampling Events by Scenario					
		B				C=A*B				D				E=C*D					
		Scen. 1 Below trigger & no waiver	Scen. 2 Below trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Scen. 1 Below trigger & no waiver	Scen. 2 Below trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Scen. 1 Below trigger & no waiver	Scen. 2 Below trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Scen. 1 Above trigger & no waiver	Scen. 2 Above trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Total	
0-100	567	79.5%	8.9%	0.2%	-	451	50	1	-	1.00	0.11	4.00	-	451	6	5	-	461	
101-500	807	79.5%	8.9%	0.2%	-	642	72	2	-	1.00	0.11	4.00	-	642	8	6	-	656	
501-1,000	425	79.5%	8.9%	0.2%	-	338	38	1	-	1.00	0.11	4.00	-	338	4	3	-	346	
1,001-3,300	977	79.5%	8.9%	0.2%	-	777	87	2	-	1.00	0.11	4.00	-	777	10	8	-	795	
3,301-10,000	1,010	90.9%	8.9%	0.2%	-	919	90	2	-	1.00	0.11	4.00	-	919	10	8	-	937	
10,001-50,000	964	90.9%	8.9%	0.2%	-	877	85	2	-	1.00	0.11	4.00	-	877	9	8	-	894	
50,001-100,000	218	90.9%	8.9%	0.2%	-	198	19	0	-	1.00	0.11	4.00	-	198	2	2	-	202	
100,001-1,000,000	230	90.9%	8.9%	0.2%	-	209	20	0	-	1.00	0.11	4.00	-	209	2	2	-	213	
>1,000,000	15	90.9%	8.9%	0.2%	-	14	1	0	-	1.00	0.11	4.00	-	14	0	0	-	14	
<b>Total</b>	<b>5,214</b>					<b>4,425</b>	<b>462</b>	<b>10</b>	<b>-</b>				<b>-</b>	<b>4,425</b>	<b>51</b>	<b>42</b>	<b>-</b>	<b>4,518</b>	

<b>Chromium:</b>																			
<b>GRAND TOTAL</b>	<b>61,462</b>					<b>49,165</b>	<b>11,633</b>	<b>348</b>	<b>-</b>				<b>-</b>	<b>19,189</b>	<b>1,280</b>	<b>1,392</b>	<b>-</b>	<b>21,861</b>	

Chromium (continued)							
Ground Water Systems, CWSs & NTNCWSs							
Size Category	Total Annual Sampling Events (carried forward from previous pg.)	Samples per Event (from B of "sampling pts")	Total Number of Samples per Year	Burden		Cost	
				Burden per Sample, hrs. (from "burden by chem")	Total Burden, hrs.	Cost per Sample, \$ (from "burden by chem")	Total Cost, \$
	E	F	G=E*F	H	I=G*H	J	K=G*J
0-100	6,349	1.15	7,269	0.5	3,635	\$13	\$93,873
101-500	6,025	1.15	6,899	0.5	3,449	\$13	\$89,090
501-1,000	1,787	1.40	2,501	0.5	1,251	\$13	\$32,302
1,001-3,300	1,868	1.40	2,615	0.5	1,308	\$13	\$33,775
3,301-10,000	843	1.80	1,514	0.5	757	\$13	\$19,552
10,001-50,000	403	2.93	1,182	0.5	591	\$13	\$15,267
50,001-100,000	45	2.93	131	0.5	65	\$13	\$1,692
100,001-1,000,000	22	8.79	192	0.5	96	\$13	\$2,485
>1,000,000	1	8.79	8	0.5	4	\$13	\$105
Total	17,343		22,312		11,156		\$288,140

Chromium (continued)							
Surface Water Systems, CWSs & NTNCWSs							
Size Category	Total Annual Sampling Events (carried forward from previous pg.)	Samples per Event (from B of "sampling pts")	Total Number of Samples per Year	Burden		Cost	
				Burden per Sample, hrs. (from "burden by chem")	Total Burden, hrs.	Cost per Sample, \$ (from "burden by chem")	Total Cost, \$
	E	F	G=E*F	H	I=G*H	J	K=G*J
0-100	461	1.12	517	0.5	258	\$13	\$6,672
101-500	656	1.12	735	0.5	368	\$13	\$9,494
501-1,000	346	1.19	410	0.5	205	\$13	\$5,289
1,001-3,300	795	1.19	942	0.5	471	\$13	\$12,162
3,301-10,000	937	1.27	1,185	0.5	592	\$13	\$15,300
10,001-50,000	894	2.29	2,047	0.5	1,023	\$13	\$26,434
50,001-100,000	202	2.29	463	0.5	231	\$13	\$5,977
100,001-1,000,000	213	4.24	904	0.5	452	\$13	\$11,676
>1,000,000	14	4.24	59	0.5	29	\$13	\$761
Total	4,518		7,261		3,630		\$93,766

<b>Chromium</b>							
<b>GRAND TOTAL</b>	<b>21,861</b>		<b>29,573</b>		<b>14,786</b>		<b>\$381,905</b>

Note: Burden estimates take into account the results of the February 2008 consultation with water industry representatives.

Fluoride Ground Water Systems, CWSs & NTNCWSs																		
Size Category	# of Affected Systems (from C of "systems")	Percent of Systems by Scenario (from "% by scenario")				Number of Systems by Scenario				Annual Sampling Frequency by Scenario (from "frequency")				Annual Sampling Events by Scenario				
		D				C=A*B				D				E=C*D				
		Scen. 1 Below trigger & no waiver	Scen. 2 Below trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Scen. 1 Below trigger & no waiver	Scen. 2 Below trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Scen. 1 Below trigger & no waiver	Scen. 2 Below trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Scen. 1 Above trigger & no waiver	Scen. 2 Above trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Total
0-100	20,590	79.0%	19.7%	1.3%	-	16,262	4,060	268	-	0.33	0.11	4.00	-	5,366	447	1,071	-	6,884
101-500	19,541	79.0%	19.7%	1.3%	-	15,433	3,854	254	-	0.33	0.11	4.00	-	5,093	424	1,016	-	6,533
501-1,000	5,795	79.0%	19.7%	1.3%	-	4,577	1,143	75	-	0.33	0.11	4.00	-	1,510	126	301	-	1,937
1,001-3,300	6,059	79.0%	19.7%	1.3%	-	4,785	1,195	79	-	0.33	0.11	4.00	-	1,579	131	315	-	2,026
3,301-10,000	2,736	79.0%	19.7%	1.3%	-	2,161	539	36	-	0.33	0.11	4.00	-	713	59	142	-	915
10,001-50,000	1,309	79.0%	19.7%	1.3%	-	1,034	258	17	-	0.33	0.11	4.00	-	341	28	68	-	437
50,001-100,000	145	79.0%	19.7%	1.3%	-	115	29	2	-	0.33	0.11	4.00	-	38	3	8	-	48
100,001-1,000,000	71	79.0%	19.7%	1.3%	-	56	14	1	-	0.33	0.11	4.00	-	19	2	4	-	24
>1,000,000	3	79.0%	19.7%	1.3%	-	2	1	0	-	0.33	0.11	4.00	-	1	0	0	-	1
<b>Total</b>	<b>56,248</b>					<b>44,424</b>	<b>11,092</b>	<b>731</b>	<b>-</b>					<b>14,660</b>	<b>1,220</b>	<b>2,925</b>	<b>-</b>	<b>18,805</b>

Fluoride Surface Water Systems, CWSs & NTNCWSs																		
Size Category	# of Affected Systems (from C of "systems")	Percent of Systems by Scenario (from "% by scenario")				Number of Systems by Scenario				Annual Sampling Frequency by Scenario (from "frequency")				Annual Sampling Events by Scenario				
		D				C=A*B				D				E=C*D				
		Scen. 1 Below trigger & no waiver	Scen. 2 Below trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Scen. 1 Below trigger & no waiver	Scen. 2 Below trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Scen. 1 Below trigger & no waiver	Scen. 2 Below trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Scen. 1 Above trigger & no waiver	Scen. 2 Above trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Total
0-100	567	79.0%	8.8%	0.5%	-	448	50	3	-	1.00	0.11	4.00	-	448	6	11	-	465
101-500	807	79.0%	8.8%	0.5%	-	638	71	4	-	1.00	0.11	4.00	-	638	8	16	-	662
501-1,000	425	79.0%	8.8%	0.5%	-	336	38	2	-	1.00	0.11	4.00	-	336	4	9	-	348
1,001-3,300	977	79.0%	8.8%	0.5%	-	772	86	5	-	1.00	0.11	4.00	-	772	9	20	-	801
3,301-10,000	1,010	90.7%	8.8%	0.5%	-	916	89	5	-	1.00	0.11	4.00	-	916	10	20	-	946
10,001-50,000	964	90.7%	8.8%	0.5%	-	874	85	5	-	1.00	0.11	4.00	-	874	9	19	-	903
50,001-100,000	218	90.7%	8.8%	0.5%	-	198	19	1	-	1.00	0.11	4.00	-	198	2	4	-	204
100,001-1,000,000	230	90.7%	8.8%	0.5%	-	209	20	1	-	1.00	0.11	4.00	-	209	2	5	-	215
>1,000,000	15	90.7%	8.8%	0.5%	-	14	1	0	-	1.00	0.11	4.00	-	14	0	0	-	14
<b>Total</b>	<b>5,214</b>					<b>4,403</b>	<b>461</b>	<b>26</b>	<b>-</b>					<b>4,403</b>	<b>51</b>	<b>104</b>	<b>-</b>	<b>4,558</b>

<b>Fluoride:</b>																		
<b>GRAND TOTAL</b>	<b>61,462</b>					<b>48,827</b>	<b>11,553</b>	<b>757</b>	<b>-</b>					<b>19,063</b>	<b>1,271</b>	<b>3,029</b>	<b>-</b>	<b>23,363</b>

Fluoride (continued)							
Ground Water Systems, CWSs & NTNCWSs							
Size Category	Total Annual Sampling Events (carried forward from previous pg.)	Samples per Event (from B of "sampling pts")	Total Number of Samples per Year	Burden		Cost	
				Burden per Sample, hrs. (from "burden by chem")	Total Burden, hrs.	Cost per Sample, \$ (from "burden by chem")	Total Cost, \$
	E	F	G=E*F	H	I=G*H	J	K=G*J
0-100	6,884	1.15	7,882	0.5	3,941	\$13	\$101,788
101-500	6,533	1.15	7,480	0.5	3,740	\$13	\$96,602
501-1,000	1,937	1.40	2,712	0.5	1,356	\$13	\$35,026
1,001-3,300	2,026	1.40	2,836	0.5	1,418	\$13	\$36,623
3,301-10,000	915	1.80	1,642	0.5	821	\$13	\$21,200
10,001-50,000	437	2.93	1,282	0.5	641	\$13	\$16,554
50,001-100,000	48	2.93	142	0.5	71	\$13	\$1,834
100,001-1,000,000	24	8.79	209	0.5	104	\$13	\$2,695
>1,000,000	1	8.79	9	0.5	4	\$13	\$114
<b>Total</b>	<b>18,805</b>		<b>24,193</b>		<b>12,097</b>		<b>\$312,435</b>

Fluoride (continued)							
Surface Water Systems, CWSs & NTNCWSs							
Size Category	Total Annual Sampling Events (carried forward from previous pg.)	Samples per Event (from B of "sampling pts")	Total Number of Samples per Year	Burden		Cost	
				Burden per Sample, hrs. (from "burden by chem")	Total Burden, hrs.	Cost per Sample, \$ (from "burden by chem")	Total Cost, \$
	E	F	G=E*F	H	I=G*H	J	K=G*J
0-100	465	1.12	521	0.5	260	\$13	\$6,724
101-500	662	1.12	741	0.5	370	\$13	\$9,568
501-1,000	348	1.19	413	0.5	206	\$13	\$5,331
1,001-3,300	801	1.19	949	0.5	475	\$13	\$12,258
3,301-10,000	946	1.27	1,197	0.5	598	\$13	\$15,453
10,001-50,000	903	2.29	2,067	0.5	1,034	\$13	\$26,697
50,001-100,000	204	2.29	467	0.5	234	\$13	\$6,037
100,001-1,000,000	215	4.24	913	0.5	457	\$13	\$11,792
>1,000,000	14	4.24	60	0.5	30	\$13	\$769
<b>Total</b>	<b>4,558</b>		<b>7,328</b>		<b>3,664</b>		<b>\$94,628</b>

<b>Fluoride</b>							
<b>GRAND TOTAL</b>	<b>23,363</b>		<b>31,521</b>		<b>15,760</b>		<b>\$407,063</b>

Note: Burden estimates take into account the results of the February 2008 consultation with water industry representatives.



Mercury Ground Water Systems, CWSs & NTNCWSs																						
Size Category	# of Affected Systems (from C of "systems")	Percent of Systems by Scenario (from "% by scenario")				Number of Systems by Scenario				Annual Sampling Frequency by Scenario (from "frequency")				Annual Sampling Events by Scenario								
		A				B				C=A*B				D				E=C*D				
		Scen. 1 Below trigger & no waiver	Scen. 2 Below trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Scen. 1 Below trigger & no waiver	Scen. 2 Below trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Scen. 1 Below trigger & no waiver	Scen. 2 Below trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Scen. 1 Above trigger & no waiver	Scen. 2 Above trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Total				
0-100	20,590	79.7%	19.9%	0.4%	-	16,410	4,097	82	-	0.33	0.11	4.00	-	5,415	451	329	-	6,196				
101-500	19,541	79.7%	19.9%	0.4%	-	15,574	3,889	78	-	0.33	0.11	4.00	-	5,139	428	313	-	5,880				
501-1,000	5,795	79.7%	19.9%	0.4%	-	4,618	1,153	23	-	0.33	0.11	4.00	-	1,524	127	93	-	1,744				
1,001-3,300	6,059	79.7%	19.9%	0.4%	-	4,829	1,206	24	-	0.33	0.11	4.00	-	1,594	133	97	-	1,823				
3,301-10,000	2,736	79.7%	19.9%	0.4%	-	2,180	544	11	-	0.33	0.11	4.00	-	719	60	44	-	823				
10,001-50,000	1,309	79.7%	19.9%	0.4%	-	1,043	260	5	-	0.33	0.11	4.00	-	344	29	21	-	394				
50,001-100,000	145	79.7%	19.9%	0.4%	-	116	29	1	-	0.33	0.11	4.00	-	38	3	2	-	44				
100,001-1,000,000	71	79.7%	19.9%	0.4%	-	57	14	0	-	0.33	0.11	4.00	-	19	2	1	-	21				
>1,000,000	3	79.7%	19.9%	0.4%	-	2	1	0	-	0.33	0.11	4.00	-	1	0	0	-	1				
<b>Total</b>	<b>56,248</b>					<b>44,830</b>	<b>11,193</b>	<b>225</b>	<b>-</b>					<b>14,794</b>	<b>1,231</b>	<b>900</b>	<b>-</b>	<b>16,925</b>				

Mercury Surface Water Systems, CWSs & NTNCWSs																						
Size Category	# Affected Systems (from C of systems)	Percent of Systems by Scenario (from "% by scenario")				Number of Systems by Scenario				Annual Sampling Frequency by Scenario (from "frequency")				Annual Sampling Events by Scenario								
		A				B				C=A*B				D				E=C*D				
		Scen. 1 Below trigger & no waiver	Scen. 2 Below trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Scen. 1 Below trigger & no waiver	Scen. 2 Below trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Scen. 1 Below trigger & no waiver	Scen. 2 Below trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Scen. 1 Above trigger & no waiver	Scen. 2 Above trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Total				
0-100	567	79.7%	8.8%	0.5%	-	452	50	3	-	1.00	0.11	4.00	-	452	6	11	-	469				
101-500	807	79.7%	8.8%	0.5%	-	643	71	4	-	1.00	0.11	4.00	-	643	8	16	-	667				
501-1,000	425	79.7%	8.8%	0.5%	-	339	38	2	-	1.00	0.11	4.00	-	339	4	9	-	351				
1,001-3,300	977	79.7%	8.8%	0.5%	-	779	86	5	-	1.00	0.11	4.00	-	779	9	20	-	808				
3,301-10,000	1,010	90.7%	8.8%	0.5%	-	916	89	5	-	1.00	0.11	4.00	-	916	10	20	-	946				
10,001-50,000	964	90.7%	8.8%	0.5%	-	874	85	5	-	1.00	0.11	4.00	-	874	9	19	-	903				
50,001-100,000	218	90.7%	8.8%	0.5%	-	198	19	1	-	1.00	0.11	4.00	-	198	2	4	-	204				
100,001-1,000,000	230	90.7%	8.8%	0.5%	-	209	20	1	-	1.00	0.11	4.00	-	209	2	5	-	215				
>1,000,000	15	90.7%	8.8%	0.5%	-	14	1	0	-	1.00	0.11	4.00	-	14	0	0	-	14				
<b>Total</b>	<b>5,214</b>					<b>4,423</b>	<b>461</b>	<b>26</b>	<b>-</b>					<b>4,423</b>	<b>51</b>	<b>104</b>	<b>-</b>	<b>4,578</b>				

<b>Mercury:</b>																		
<b>GRAND TOTAL</b>	<b>61,462</b>					<b>49,252</b>	<b>11,654</b>	<b>251</b>	<b>-</b>					<b>19,217</b>	<b>1,282</b>	<b>1,004</b>	<b>-</b>	<b>21,503</b>

Mercury (continued)							
Ground Water Systems, CWSs & NTNCWSs							
Size Category	Total Annual Sampling Events (carried forward from previous pg.)	Samples per Event (from B of "sampling pts")	Total Number of Samples per Year	Burden		Cost	
				Burden per Sample, hrs. (from "burden by chem")	Total Burden, hrs.	Cost per Sample, \$ (from "burden by chem")	Total Cost, \$
	E	F	G=E*F	H	I=G*H	J	K=G*J
0-100	6,196	1.15	7,094	0.5	3,547	\$29	\$203,581
101-500	5,880	1.15	6,732	0.5	3,366	\$29	\$193,208
501-1,000	1,744	1.40	2,441	0.5	1,221	\$29	\$70,054
1,001-3,300	1,823	1.40	2,552	0.5	1,276	\$29	\$73,247
3,301-10,000	823	1.80	1,478	0.5	739	\$29	\$42,401
10,001-50,000	394	2.93	1,154	0.5	577	\$29	\$33,108
50,001-100,000	44	2.93	128	0.5	64	\$29	\$3,669
100,001-1,000,000	21	8.79	188	0.5	94	\$29	\$5,389
>1,000,000	1	8.79	8	0.5	4	\$29	\$228
<b>Total</b>	<b>16,925</b>		<b>21,775</b>		<b>10,887</b>		<b>\$624,884</b>

Mercury (continued)							
Surface Water Systems, CWSs & NTNCWSs							
Size Category	Total Annual Sampling Events (carried forward from previous pg.)	Samples per Event (from B of "sampling pts")	Total Number of Samples per Year	Burden		Cost	
				Burden per Sample, hrs. (from "burden by chem")	Total Burden, hrs.	Cost per Sample, \$ (from "burden by chem")	Total Cost, \$
	E	F	G=E*F	H	I=G*H	J	K=G*J
0-100	469	1.12	525	0.5	263	\$29	\$15,073
101-500	667	1.12	747	0.5	374	\$29	\$21,449
501-1,000	351	1.19	416	0.5	208	\$29	\$11,950
1,001-3,300	808	1.19	958	0.5	479	\$29	\$27,478
3,301-10,000	946	1.27	1,197	0.5	598	\$29	\$34,340
10,001-50,000	903	2.29	2,067	0.5	1,034	\$29	\$59,327
50,001-100,000	204	2.29	467	0.5	234	\$29	\$13,415
100,001-1,000,000	215	4.24	913	0.5	457	\$29	\$26,205
>1,000,000	14	4.24	60	0.5	30	\$29	\$1,709
<b>Total</b>	<b>4,578</b>		<b>7,351</b>		<b>3,675</b>		<b>\$210,946</b>

<b>Mercury</b>							
<b>GRAND TOTAL</b>	<b>21,503</b>		<b>29,125</b>		<b>14,563</b>		<b>\$835,831</b>

Note: Burden estimates take into account the results of the February 2008 consultation with water industry representatives.

Nitrate Ground Water Systems, CWSs, NTNCWSs, and TNCWSs																		
Size Category	# of Affected Systems (from C+D of "systems")	Percent of Systems by Scenario (from "% by scenario")				Number of Systems by Scenario				Annual Sampling Frequency by Scenario (from "frequency")				Annual Sampling Events by Scenario				
		B				C=A*B				D				E=C*D				
		Scen. 1 Below trigger & no waiver	Scen. 2 Below trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Scen. 1 Below trigger & no waiver	Scen. 2 Below trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Scen. 1 Below trigger & no waiver	Scen. 2 Below trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Scen. 1 Above trigger & no waiver	Scen. 2 Above trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Total
0-100	80,467	98.1%	-	0.0%	1.9%	78,938	-	-	1,529	1.00	-	4.00	4.00	78,938	-	-	6,115	85,053
101-500	38,823	98.1%	-	0.0%	1.9%	38,085	-	-	738	1.00	-	4.00	4.00	38,085	-	-	2,951	41,036
501-1,000	7,767	98.1%	-	0.0%	1.9%	7,619	-	-	148	1.00	-	4.00	4.00	7,619	-	-	590	8,209
1,001-3,300	6,657	98.1%	-	0.0%	1.9%	6,530	-	-	126	1.00	-	4.00	4.00	6,530	-	-	506	7,036
3,301-10,000	2,812	98.1%	-	0.0%	1.9%	2,759	-	-	53	1.00	-	4.00	4.00	2,759	-	-	214	2,973
10,001-50,000	1,317	98.1%	-	0.0%	1.9%	1,292	-	-	25	1.00	-	4.00	4.00	1,292	-	-	100	1,392
50,001-100,000	147	98.1%	-	0.0%	1.9%	144	-	-	3	1.00	-	4.00	4.00	144	-	-	11	155
100,001-1,000,000	72	98.1%	-	0.0%	1.9%	71	-	-	1	1.00	-	4.00	4.00	71	-	-	5	76
>1,000,000	3	98.1%	-	0.0%	1.9%	3	-	-	0	1.00	-	4.00	4.00	3	-	-	0	3
<b>Total</b>	<b>138,064</b>					<b>135,441</b>			<b>2,623</b>					<b>135,441</b>			<b>10,493</b>	<b>145,934</b>

Nitrate Surface Water Systems, CWSs, NTNCWSs, and TNCWSs																		
Size Category	# of Affected Systems (from C+D of "systems")	Percent of Systems by Scenario (from "% by scenario")				Number of Systems by Scenario				Annual Sampling Frequency by Scenario (from "frequency")				Annual Sampling Events by Scenario				
		B				C=A*B				D				E=C*D				
		Scen. 1 Below trigger & no waiver	Scen. 2 Below trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Scen. 1 Below trigger & no waiver	Scen. 2 Below trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Scen. 1 Below trigger & no waiver	Scen. 2 Below trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Scen. 1 Above trigger & no waiver	Scen. 2 Above trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Total
0-100	1,203	98.1%	-	0.0%	1.9%	1,181	-	-	23	1.00	-	4.00	4.00	1,181	-	-	91	1,272
101-500	1,182	98.1%	-	0.0%	1.9%	1,160	-	-	22	1.00	-	4.00	4.00	1,160	-	-	90	1,250
501-1,000	487	98.1%	-	0.0%	1.9%	478	-	-	9	1.00	-	4.00	4.00	478	-	-	37	515
1,001-3,300	1,021	98.1%	-	0.0%	1.9%	1,002	-	-	19	1.00	-	4.00	4.00	1,002	-	-	78	1,080
3,301-10,000	1,029	98.1%	-	0.0%	1.9%	1,010	-	-	20	1.00	-	4.00	4.00	1,010	-	-	78	1,088
10,001-50,000	966	98.1%	-	0.0%	1.9%	948	-	-	18	1.00	-	4.00	4.00	948	-	-	73	1,021
50,001-100,000	218	98.1%	-	0.0%	1.9%	214	-	-	4	1.00	-	4.00	4.00	214	-	-	17	230
100,001-1,000,000	231	98.1%	-	0.0%	1.9%	227	-	-	4	1.00	-	4.00	4.00	227	-	-	18	244
>1,000,000	15	98.1%	-	0.0%	1.9%	15	-	-	0	1.00	-	4.00	4.00	15	-	-	1	16
<b>Total</b>	<b>6,354</b>					<b>6,233</b>			<b>121</b>					<b>6,233</b>			<b>483</b>	<b>6,716</b>

<b>Nitrate:</b>																			
<b>GRAND TOTAL</b>	<b>144,418</b>					<b>141,674</b>			<b>2,744</b>					<b>141,674</b>			<b>10,976</b>	<b>152,650</b>	

Nitrate (continued) Ground Water Systems, CWSs, NTCWSs, and TNCWSs							
Size Category	Total Annual Sampling Events (carried forward from previous pg.)	Samples per Event (from B of "sampling pts")	Total Number of Samples per Year (=E*F)	Burden		Cost	
				Burden per Sample, hrs. (from "burden by chem")	Total Burden, hrs. (=G*H)	Cost per Sample, \$ (from "burden by chem")	Total Cost, \$
	E	F	G=E*F	H	I	J	K=G*J
0-100	85,053	1.15	97,386	0.5	48,693	\$14	\$1,397,386
101-500	41,036	1.15	46,986	0.5	23,493	\$14	\$674,201
501-1,000	8,209	1.40	11,493	0.5	5,747	\$14	\$164,915
1,001-3,300	7,036	1.40	9,851	0.5	4,925	\$14	\$141,348
3,301-10,000	2,973	1.80	5,336	0.5	2,668	\$14	\$76,563
10,001-50,000	1,392	2.93	4,077	0.5	2,039	\$14	\$58,507
50,001-100,000	155	2.93	455	0.5	228	\$14	\$6,532
100,001-1,000,000	76	8.79	669	0.5	334	\$14	\$9,599
>1,000,000	3	8.79	28	0.5	14	\$14	\$400
Total	145,934		176,282		88,141		\$2,529,450

Nitrate (continued) Surface Water Systems, CWSs, NTCWSs, and TNCWSs							
Size Category	Total Annual Sampling Events (carried forward from previous pg.)	Samples per Event (from B of "sampling pts")	Total Number of Samples per Year	Burden		Cost	
				Burden per Sample, hrs. (from "burden by chem")	Total Burden, hrs. (=G*H)	Cost per Sample, \$ (from "burden by chem")	Total Cost, \$
	E	F	G=E*F	H	I=G*H	J	K=G*J
0-100	1,272	1.12	1,425	0.5	712	\$14	\$20,442
101-500	1,250	1.12	1,400	0.5	700	\$14	\$20,082
501-1,000	515	1.19	610	0.5	305	\$14	\$8,754
1,001-3,300	1,080	1.19	1,279	0.5	640	\$14	\$18,357
3,301-10,000	1,088	1.27	1,376	0.5	688	\$14	\$19,750
10,001-50,000	1,021	2.29	2,338	0.5	1,169	\$14	\$33,554
50,001-100,000	230	2.29	528	0.5	264	\$14	\$7,572
100,001-1,000,000	244	4.24	1,035	0.5	518	\$14	\$14,855
>1,000,000	16	4.24	67	0.5	34	\$14	\$965
Total	6,716		10,059		5,029		\$144,331

<b>Nitrate</b>							
<b>GRAND TOTAL</b>	<b>152,650</b>		<b>186,340</b>		<b>93,170</b>		<b>\$2,673,781</b>

Note: Burden estimates take into account the results of the February 2008 consultation with water industry representatives.

Nitrite Ground Water Systems, CWSs, NTNCWSs, and TNCWSs																					
Size Category	# of Affected Systems (from C+D of "systems")	Percent of Systems by Scenario (from "% by scenario")				Number of Systems by Scenario				Annual Sampling Frequency by Scenario (from "frequency")				Annual Sampling Events by Scenario							
		A				B				C=A*B				D				E=C*D			
		Scen. 1 Below trigger & no waiver	Scen. 2 Below trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Scen. 1 Below trigger & no waiver	Scen. 2 Below trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Scen. 1 Below trigger & no waiver	Scen. 2 Below trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Scen. 1 Above trigger & no waiver	Scen. 2 Above trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Total			
0-100	80,467	99.8%	-	0.2%	0.0%	80,306	-	161	-	-	-	4.00	4.00	-	-	644	-	644			
101-500	38,823	99.8%	-	0.2%	0.0%	38,745	-	78	-	-	-	4.00	4.00	-	-	311	-	311			
501-1,000	7,767	99.8%	-	0.2%	0.0%	7,751	-	16	-	-	-	4.00	4.00	-	-	62	-	62			
1,001-3,300	6,657	99.8%	-	0.2%	0.0%	6,644	-	13	-	-	-	4.00	4.00	-	-	53	-	53			
3,301-10,000	2,812	99.8%	-	0.2%	0.0%	2,807	-	6	-	-	-	4.00	4.00	-	-	22	-	22			
10,001-50,000	1,317	99.8%	-	0.2%	0.0%	1,314	-	3	-	-	-	4.00	4.00	-	-	11	-	11			
50,001-100,000	147	99.8%	-	0.2%	0.0%	147	-	0	-	-	-	4.00	4.00	-	-	1	-	1			
100,001-1,000,000	72	99.8%	-	0.2%	0.0%	72	-	0	-	-	-	4.00	4.00	-	-	1	-	1			
>1,000,000	3	99.8%	-	0.2%	0.0%	3	-	0	-	-	-	4.00	4.00	-	-	0	-	0			
<b>Total</b>	<b>138,064</b>					<b>137,788</b>		<b>276</b>								<b>1,105</b>		<b>1,105</b>			

Nitrite Surface Water Systems, CWSs, NTNCWSs, and TNCWSs																					
Size Category	# of Affected Systems (from C+D of "systems")	Percent of Systems by Scenario (from "% by scenario")				Number of Systems by Scenario				Annual Sampling Frequency by Scenario (from "frequency")				Annual Sampling Events by Scenario							
		A				B				C=A*B				D				E=C*D			
		Scen. 1 Below trigger & no waiver	Scen. 2 Below trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Scen. 1 Below trigger & no waiver	Scen. 2 Below trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Scen. 1 Below trigger & no waiver	Scen. 2 Below trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Scen. 1 Above trigger & no waiver	Scen. 2 Above trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Total			
0-100	1,203	99.8%	-	0.2%	0.0%	1,201	-	2	-	-	-	4.00	4.00	-	-	10	-	10			
101-500	1,182	99.8%	-	0.2%	0.0%	1,180	-	2	-	-	-	4.00	4.00	-	-	9	-	9			
501-1,000	487	99.8%	-	0.2%	0.0%	486	-	1	-	-	-	4.00	4.00	-	-	4	-	4			
1,001-3,300	1,021	99.8%	-	0.2%	0.0%	1,019	-	2	-	-	-	4.00	4.00	-	-	8	-	8			
3,301-10,000	1,029	99.8%	-	0.2%	0.0%	1,027	-	2	-	-	-	4.00	4.00	-	-	8	-	8			
10,001-50,000	966	99.8%	-	0.2%	0.0%	964	-	2	-	-	-	4.00	4.00	-	-	8	-	8			
50,001-100,000	218	99.8%	-	0.2%	0.0%	218	-	0	-	-	-	4.00	4.00	-	-	2	-	2			
100,001-1,000,000	231	99.8%	-	0.2%	0.0%	231	-	0	-	-	-	4.00	4.00	-	-	2	-	2			
>1,000,000	15	99.8%	-	0.2%	0.0%	15	-	0	-	-	-	4.00	4.00	-	-	0	-	0			
<b>Total</b>	<b>6,354</b>					<b>6,341</b>		<b>13</b>								<b>51</b>		<b>51</b>			

<b>Nitrite:</b>																		
<b>GRAND TOTAL</b>	<b>144,418</b>					<b>144,129</b>	<b>-</b>	<b>289</b>	<b>-</b>							<b>1,155</b>	<b>-</b>	<b>1,155</b>

Nitrite (continued)							
Ground Water Systems, CWSs, NTNCWSs, and TNCWSs							
Size Category	Total Annual Sampling Events (carried forward from previous pg.)	Samples per Event (from B of "sampling pts")	Total Number of Samples per Year	Burden		Cost	
				Burden per Sample, hrs. (from "burden by chem")	Total Burden, hrs.	Cost per Sample, \$ (from "burden by chem")	Total Cost, \$
	E	F	G=E*F	H	I=G*H	J	K=G*J
0-100	644	1.15	737	0.5	369	\$14	\$10,576
101-500	311	1.15	356	0.5	178	\$14	\$5,103
501-1,000	62	1.40	87	0.5	43	\$14	\$1,248
1,001-3,300	53	1.40	75	0.5	37	\$14	\$1,070
3,301-10,000	22	1.80	40	0.5	20	\$14	\$579
10,001-50,000	11	2.93	31	0.5	15	\$14	\$443
50,001-100,000	1	2.93	3	0.5	2	\$14	\$49
100,001-1,000,000	1	8.79	5	0.5	3	\$14	\$73
>1,000,000	0	8.79	0	0.5	0	\$14	\$3
<b>Total</b>	<b>1,105</b>		<b>1,334</b>		<b>667</b>		<b>\$19,144</b>

Nitrite (continued)							
Surface Water Systems, CWSs, NTNCWSs, and TNCWSs							
Size Category	Total Annual Sampling Events (carried forward from previous pg.)	Samples per Event (from B of "sampling pts")	Total Number of Samples per Year	Burden		Cost	
				Burden per Sample, hrs. (from "burden by chem")	Total Burden, hrs.	Cost per Sample, \$ (from "burden by chem")	Total Cost, \$
	E	F	G=E*F	H	I=G*H	J	K=G*J
0-100	10	1.12	11	0.5	5	\$14	\$155
101-500	9	1.12	11	0.5	5	\$14	\$152
501-1,000	4	1.19	5	0.5	2	\$14	\$66
1,001-3,300	8	1.19	10	0.5	5	\$14	\$139
3,301-10,000	8	1.27	10	0.5	5	\$14	\$149
10,001-50,000	8	2.29	18	0.5	9	\$14	\$254
50,001-100,000	2	2.29	4	0.5	2	\$14	\$57
100,001-1,000,000	2	4.24	8	0.5	4	\$14	\$112
>1,000,000	0	4.24	1	0.5	0	\$14	\$7
<b>Total</b>	<b>51</b>		<b>76</b>		<b>38</b>		<b>\$1,092</b>

<b>Nitrite</b>							
<b>GRAND TOTAL</b>	<b>1,155</b>		<b>1,410</b>		<b>705</b>		<b>\$20,237</b>

Note: Burden estimates take into account the results of the February 2008 consultation with water industry representatives.

Selenium Ground Water Systems, CWSs & NTNCWSs																		
Size Category	# of Affected Systems (from C of "systems")	Percent of Systems by Scenario (from "% by scenario")				Number of Systems by Scenario				Annual Sampling Frequency by Scenario (from "frequency")				Annual Sampling Events by Scenario				
		B				C=A*B				D				E=C*D				
		Scen. 1 Below trigger & no waiver	Scen. 2 Below trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Scen. 1 Below trigger & no waiver	Scen. 2 Below trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Scen. 1 Below trigger & no waiver	Scen. 2 Below trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Scen. 1 Above trigger & no waiver	Scen. 2 Above trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Total
0-100	20,590	79.9%	19.9%	0.2%	-	16,443	4,106	41	-	0.33	0.11	4.00	-	5,426	452	165	-	6,043
101-500	19,541	79.9%	19.9%	0.2%	-	15,605	3,896	39	-	0.33	0.11	4.00	-	5,150	429	156	-	5,735
501-1,000	5,795	79.9%	19.9%	0.2%	-	4,628	1,155	12	-	0.33	0.11	4.00	-	1,527	127	46	-	1,701
1,001-3,300	6,059	79.9%	19.9%	0.2%	-	4,839	1,208	12	-	0.33	0.11	4.00	-	1,597	133	48	-	1,778
3,301-10,000	2,736	79.9%	19.9%	0.2%	-	2,185	545	5	-	0.33	0.11	4.00	-	721	60	22	-	803
10,001-50,000	1,309	79.9%	19.9%	0.2%	-	1,045	261	3	-	0.33	0.11	4.00	-	345	29	10	-	384
50,001-100,000	145	79.9%	19.9%	0.2%	-	116	29	0	-	0.33	0.11	4.00	-	38	3	1	-	43
100,001-1,000,000	71	79.9%	19.9%	0.2%	-	57	14	0	-	0.33	0.11	4.00	-	19	2	1	-	21
>1,000,000	3	79.9%	19.9%	0.2%	-	2	1	0	-	0.33	0.11	4.00	-	1	0	0	-	1
<b>Total</b>	<b>56,248</b>					<b>44,920</b>	<b>11,216</b>	<b>112</b>	<b>-</b>					<b>14,823</b>	<b>1,234</b>	<b>450</b>	<b>-</b>	<b>16,507</b>

Selenium Surface Water Systems, CWSs & NTNCWSs																		
Size Category	# of Affected Systems (from C of "systems")	Percent of Systems by Scenario (from "% by scenario")				Number of Systems by Scenario				Annual Sampling Frequency by Scenario (from "frequency")				Annual Sampling Events by Scenario				
		B				C=A*B				D				E=C*D				
		Scen. 1 Below trigger & no waiver	Scen. 2 Below trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Scen. 1 Below trigger & no waiver	Scen. 2 Below trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Scen. 1 Below trigger & no waiver	Scen. 2 Below trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Scen. 1 Above trigger & no waiver	Scen. 2 Above trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Total
0-100	567	79.9%	8.9%	0.0%	-	453	50	-	-	1.00	0.11	4.00	-	453	6	-	-	459
101-500	807	79.9%	8.9%	0.0%	-	645	72	-	-	1.00	0.11	4.00	-	645	8	-	-	653
501-1,000	425	79.9%	8.9%	0.0%	-	339	38	-	-	1.00	0.11	4.00	-	339	4	-	-	344
1,001-3,300	977	79.9%	8.9%	0.0%	-	781	87	-	-	1.00	0.11	4.00	-	781	10	-	-	790
3,301-10,000	1,010	91.1%	8.9%	0.0%	-	921	90	-	-	1.00	0.11	4.00	-	921	10	-	-	930
10,001-50,000	964	91.1%	8.9%	0.0%	-	878	86	-	-	1.00	0.11	4.00	-	878	9	-	-	888
50,001-100,000	218	91.1%	8.9%	0.0%	-	199	19	-	-	1.00	0.11	4.00	-	199	2	-	-	201
100,001-1,000,000	230	91.1%	8.9%	0.0%	-	210	20	-	-	1.00	0.11	4.00	-	210	2	-	-	212
>1,000,000	15	91.1%	8.9%	0.0%	-	14	1	-	-	1.00	0.11	4.00	-	14	0	-	-	14
<b>Total</b>	<b>5,214</b>					<b>4,439</b>	<b>463</b>	<b>-</b>	<b>-</b>					<b>4,439</b>	<b>51</b>	<b>-</b>	<b>-</b>	<b>4,489</b>

<b>Selenium:</b>																		
<b>GRAND TOTAL</b>	<b>61,462</b>					<b>49,358</b>	<b>11,679</b>	<b>112</b>	<b>-</b>					<b>19,262</b>	<b>1,285</b>	<b>450</b>	<b>-</b>	<b>20,997</b>

Selenium (continued)							
Ground Water Systems, CWSs & NTNCWSs							
Size Category	Total Annual Sampling Events (carried forward from previous pg.)	Samples per Event (from B of "sampling pts")	Total Number of Samples per Year	Burden		Cost	
				Burden per Sample, hrs. (from "burden by chem")	Total Burden, hrs.	Cost per Sample, \$ (from "burden by chem")	Total Cost, \$
	E	F	G=E*F	H	I=G*H	J	K=G*J
0-100	6,043	1.15	6,919	0.5	3,459	\$29	\$198,555
101-500	5,735	1.15	6,566	0.5	3,283	\$29	\$188,438
501-1,000	1,701	1.40	2,381	0.5	1,190	\$29	\$68,324
1,001-3,300	1,778	1.40	2,489	0.5	1,245	\$29	\$71,439
3,301-10,000	803	1.80	1,441	0.5	721	\$29	\$41,355
10,001-50,000	384	2.93	1,125	0.5	563	\$29	\$32,291
50,001-100,000	43	2.93	125	0.5	62	\$29	\$3,578
100,001-1,000,000	21	8.79	183	0.5	92	\$29	\$5,256
>1,000,000	1	8.79	8	0.5	4	\$29	\$222
Total	16,507		21,237		10,619		\$609,459

Selenium (continued)							
Surface Water Systems, CWSs & NTNCWSs							
Size Category	Total Annual Sampling Events (carried forward from previous pg.)	Samples per Event (from B of "sampling pts")	Total Number of Samples per Year	Burden		Cost	
				Burden per Sample, hrs. (from "burden by chem")	Total Burden, hrs.	Cost per Sample, \$ (from "burden by chem")	Total Cost, \$
	E	F	G=E*F	H	I=G*H	J	K=G*J
0-100	459	1.12	514	0.5	257	\$29	\$14,739
101-500	653	1.12	731	0.5	365	\$29	\$20,973
501-1,000	344	1.19	407	0.5	204	\$29	\$11,685
1,001-3,300	790	1.19	936	0.5	468	\$29	\$26,868
3,301-10,000	930	1.27	1,177	0.5	588	\$29	\$33,775
10,001-50,000	888	2.29	2,033	0.5	1,017	\$29	\$58,351
50,001-100,000	201	2.29	460	0.5	230	\$29	\$13,194
100,001-1,000,000	212	4.24	898	0.5	449	\$29	\$25,774
>1,000,000	14	4.24	59	0.5	29	\$29	\$1,681
Total	4,489		7,215		3,607		\$207,041

<b>Selenium</b>							
<b>GRAND TOTAL</b>	<b>20,997</b>		<b>28,452</b>		<b>14,226</b>		<b>\$816,500</b>

Note: Burden estimates take into account the results of the February 2008 consultation with water industry representatives.



Phase II VOCs																		
Ground Water Systems, CWSs & NTNCWSs																		
Size Category	# of Affected Systems (from C of "systems") A	Percent of Systems by Scenario (from "% by scenario") B				Number of Systems by Scenario C=A*B				Annual Sampling Frequency by Scenario (from "frequency") D				Annual Sampling Events by Scenario E=C*D				
		Scen. 1 Below trigger & no waiver	Scen. 2 Below trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Scen. 1 Below trigger & no waiver	Scen. 2 Below trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Scen. 1 Below trigger & no waiver	Scen. 2 Below trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Scen. 1 Above trigger & no waiver	Scen. 2 Above trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Total
		0-100	20,590	48.9%	44.7%	3.2%	3.2%	10,062	9,210	659	659	0.33	0.22	4.00	1.67	3,321	2,026	2,636
101-500	19,541	48.9%	44.7%	3.2%	3.2%	9,549	8,741	625	625	0.33	0.22	4.00	1.67	3,151	1,923	2,501	1,044	8,620
501-1,000	5,795	48.9%	44.7%	3.2%	3.2%	2,832	2,592	185	185	0.33	0.22	4.00	1.67	934	570	742	310	2,556
1,001-3,300	6,059	48.9%	44.7%	3.2%	3.2%	2,961	2,710	194	194	0.33	0.22	4.00	1.67	977	596	776	324	2,673
3,301-10,000	2,736	48.9%	44.7%	3.2%	3.2%	1,337	1,224	88	88	0.33	0.22	4.00	1.67	441	269	350	146	1,207
10,001-50,000	1,309	48.9%	44.7%	3.2%	3.2%	639	585	42	42	0.33	0.22	4.00	1.67	211	129	167	70	577
50,001-100,000	145	48.9%	44.7%	3.2%	3.2%	71	65	5	5	0.33	0.22	4.00	1.67	23	14	19	8	64
100,001-1,000,000	71	48.9%	44.7%	3.2%	3.2%	35	32	2	2	0.33	0.22	4.00	1.67	11	7	9	4	31
>1,000,000	3	48.9%	44.7%	3.2%	3.2%	1	1	0	0	0.33	0.22	4.00	1.67	0	0	0	0	1
<b>Total</b>	<b>56,248</b>					<b>27,488</b>	<b>25,160</b>	<b>1,800</b>	<b>1,800</b>					<b>9,071</b>	<b>5,535</b>	<b>7,200</b>	<b>3,006</b>	<b>24,812</b>

Phase II VOCs																		
Surface Water Systems, CWSs & NTNCWSs																		
Size Category	# of Affected Systems (from C of "systems") A	Percent of Systems by Scenario (from "% by scenario") B				Number of Systems by Scenario C=A*B				Annual Sampling Frequency by Scenario (from "frequency") D				Annual Sampling Events by Scenario E=C*D				
		Scen. 1 Below trigger & no waiver	Scen. 2 Below trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Scen. 1 Below trigger & no waiver	Scen. 2 Below trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Scen. 1 Below trigger & no waiver	Scen. 2 Below trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Scen. 1 Above trigger & no waiver	Scen. 2 Above trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Total
		0-100	567	48.9%	18.9%	2.9%	8.2%	277	107	16	47	1.00	0.33	4.00	2.33	277	35	66
101-500	807	48.9%	18.9%	2.9%	8.2%	394	152	23	66	1.00	0.33	4.00	2.33	394	50	94	154	693
501-1,000	425	48.9%	18.9%	2.9%	8.2%	208	80	12	35	1.00	0.33	4.00	2.33	208	26	49	81	365
1,001-3,300	977	48.9%	18.9%	2.9%	8.2%	478	185	28	80	1.00	0.33	4.00	2.33	478	61	113	187	839
3,301-10,000	1,010	70.0%	18.9%	2.9%	8.2%	707	191	29	83	1.00	0.33	4.00	2.33	707	63	117	193	1,080
10,001-50,000	964	70.0%	18.9%	2.9%	8.2%	675	182	28	79	1.00	0.33	4.00	2.33	675	60	112	184	1,031
50,001-100,000	218	70.0%	18.9%	2.9%	8.2%	153	41	6	18	1.00	0.33	4.00	2.33	153	14	25	42	233
100,001-1,000,000	230	70.0%	18.9%	2.9%	8.2%	161	43	7	19	1.00	0.33	4.00	2.33	161	14	27	44	246
>1,000,000	15	70.0%	18.9%	2.9%	8.2%	11	3	0	1	1.00	0.33	4.00	2.33	11	1	2	3	16
<b>Total</b>	<b>5,214</b>					<b>3,064</b>	<b>985</b>	<b>151</b>	<b>428</b>					<b>3,064</b>	<b>325</b>	<b>605</b>	<b>996</b>	<b>4,990</b>

Phase II VOCs:																		
<b>GRAND TOTAL</b>	<b>61,462</b>					<b>30,551</b>	<b>26,145</b>	<b>1,951</b>	<b>2,227</b>					<b>12,134</b>	<b>5,860</b>	<b>7,805</b>	<b>4,002</b>	<b>29,801</b>

Phase II VOCs (continued)							
Ground Water Systems, CWSs & NTNCWSs							
Size Category	Total Annual Sampling Events (carried forward from previous pg.)	Samples per Event (from B of "sampling pts")	Total Number of Samples per Year	Burden		Cost	
				Burden per Sample, hrs. (from "burden by chem")	Total Burden, hrs.	Cost per Sample, \$ (from "burden by chem")	Total Cost, \$
	E	F	G=E*F	H	I=G*H	J	K=G*J
0-100	9,083	1.15	10,400	0.0	-	\$215	\$2,238,354
101-500	8,620	1.15	9,870	0.0	-	\$215	\$2,124,301
501-1,000	2,556	1.40	3,579	0.0	-	\$215	\$770,235
1,001-3,300	2,673	1.40	3,742	0.0	-	\$215	\$805,342
3,301-10,000	1,207	1.80	2,166	0.0	-	\$215	\$466,199
10,001-50,000	577	2.93	1,691	0.0	-	\$215	\$364,022
50,001-100,000	64	2.93	187	0.0	-	\$215	\$40,337
100,001-1,000,000	31	8.79	275	0.0	-	\$215	\$59,253
>1,000,000	1	8.79	12	0.0	-	\$215	\$2,504
Total	24,812		31,921		-		\$6,870,546

Phase II VOCs (continued)							
Surface Water Systems, CWSs & NTNCWSs							
Size Category	Total Annual Sampling Events (carried forward from previous pg.)	Samples per Event (from B of "sampling pts")	Total Number of Samples per Year	Burden		Cost	
				Burden per Sample, hrs. (from "burden by chem")	Total Burden, hrs.	Cost per Sample, \$ (from "burden by chem")	Total Cost, \$
	E	F	G=E*F	H	I=G*H	J	K=G*J
0-100	487	1.12	545	0.0	-	\$215	\$117,336
101-500	693	1.12	776	0.0	-	\$215	\$166,966
501-1,000	365	1.19	432	0.0	-	\$215	\$93,025
1,001-3,300	839	1.19	994	0.0	-	\$215	\$213,900
3,301-10,000	1,080	1.27	1,367	0.0	-	\$215	\$294,180
10,001-50,000	1,031	2.29	2,361	0.0	-	\$215	\$508,237
50,001-100,000	233	2.29	534	0.0	-	\$215	\$114,922
100,001-1,000,000	246	4.24	1,043	0.0	-	\$215	\$224,494
>1,000,000	16	4.24	68	0.0	-	\$215	\$14,641
Total	4,990		8,120		-		\$1,747,701

Phase II VOCs			
<b>GRAND TOTAL</b>	<b>29,801</b>	<b>40,041</b>	<b>\$8,618,247</b>

Note: Burden estimates take into account the results of the February 2008 consultation with water industry representatives.

Phase II SOCs																			
Ground Water Systems, CWSs & NTNCWSs																			
Size Category	# of Affected Systems (from C of "systems")	Percent of Systems by Scenario (from "% by scenario")				Number of Systems by Scenario				Annual Sampling Frequency by Scenario (from "frequency")				Annual Sampling Events by Scenario					
		B				C=A*B				D				E=C*D					
		Scen. 1 Below trigger & no waiver	Scen. 2 Below trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Scen. 1 Below trigger & no waiver	Scen. 2 Below trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Scen. 1 Below trigger & no waiver	Scen. 2 Below trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Scen. 1 Above trigger & no waiver	Scen. 2 Above trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Total	
0-100	20,590	20.4%	66.2%	1.0%	12.4%	4,194	13,637	206	2,553	0.33	-	4.00	1.67	1,384	-	824	4,264	6,471	
101-500	19,541	20.4%	66.2%	1.0%	12.4%	3,980	12,942	195	2,423	0.33	-	4.00	1.67	1,313	-	782	4,047	6,142	
501-1,000	5,795	20.4%	66.2%	1.0%	12.4%	1,180	3,838	58	719	0.33	-	4.00	1.67	389	-	232	1,200	1,821	
1,001-3,300	6,059	20.4%	66.2%	1.0%	12.4%	1,234	4,013	61	751	0.33	-	4.00	1.67	407	-	242	1,255	1,904	
3,301-10,000	2,736	20.4%	66.2%	1.0%	12.4%	557	1,812	27	339	0.67	-	4.00	1.67	373	-	109	566	1,049	
10,001-50,000	1,309	20.4%	66.2%	1.0%	12.4%	267	867	13	162	0.67	-	4.00	1.67	179	-	52	271	502	
50,001-100,000	145	20.4%	66.2%	1.0%	12.4%	30	96	1	18	0.67	-	4.00	1.67	20	-	6	30	56	
100,001-1,000,000	71	20.4%	66.2%	1.0%	12.4%	14	47	1	9	0.67	-	4.00	1.67	10	-	3	15	27	
>1,000,000	3	20.4%	66.2%	1.0%	12.4%	1	2	0	0	0.67	-	4.00	1.67	0	-	0	1	1	
Total	56,248					11,457	37,254	562	6,975					4,076	-	2,250	11,648	17,974	

Phase II SOCs																			
Surface Water Systems, CWSs & NTNCWSs																			
Size Category	# of Affected Systems (from C of "systems")	Percent of Systems by Scenario (from "% by scenario")				Number of Systems by Scenario				Annual Sampling Frequency by Scenario (from "frequency")				Annual Sampling Events by Scenario					
		B				C=A*B				D				E=C*D					
		Scen. 1 Below trigger & no waiver	Scen. 2 Below trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Scen. 1 Below trigger & no waiver	Scen. 2 Below trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Scen. 1 Below trigger & no waiver	Scen. 2 Below trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Scen. 1 Above trigger & no waiver	Scen. 2 Above trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Total	
0-100	567	20.4%	27.8%	0.9%	19.5%	116	157	5	111	0.33	-	4.00	2.33	38	-	20	258	316	
101-500	807	20.4%	27.8%	0.9%	19.5%	164	224	7	157	0.33	-	4.00	2.33	54	-	29	367	450	
501-1,000	425	20.4%	27.8%	0.9%	19.5%	87	118	4	83	0.33	-	4.00	2.33	29	-	15	193	237	
1,001-3,300	977	20.4%	27.8%	0.9%	19.5%	199	271	9	191	0.33	-	4.00	2.33	66	-	35	444	545	
3,301-10,000	1,010	51.8%	27.8%	0.9%	19.5%	524	280	9	197	0.67	-	4.00	2.33	351	-	36	459	846	
10,001-50,000	964	51.8%	27.8%	0.9%	19.5%	500	268	9	188	0.67	-	4.00	2.33	335	-	35	438	808	
50,001-100,000	218	51.8%	27.8%	0.9%	19.5%	113	61	2	43	0.67	-	4.00	2.33	76	-	8	99	183	
100,001-1,000,000	230	51.8%	27.8%	0.9%	19.5%	119	64	2	45	0.67	-	4.00	2.33	80	-	8	105	193	
>1,000,000	15	51.8%	27.8%	0.9%	19.5%	8	4	0	3	0.67	-	4.00	2.33	5	-	1	7	13	
Total	5,214					1,829	1,448	47	1,017					1,033	-	188	2,369	3,590	

<b>Phase II SOCs:</b>																			
<b>GRAND TOTAL</b>	<b>61,462</b>					<b>13,286</b>	<b>38,702</b>	<b>609</b>	<b>7,992</b>					<b>5,109</b>	<b>-</b>	<b>2,438</b>	<b>14,017</b>	<b>21,564</b>	

Phase II SOCs (continued)							
Ground Water Systems, CWSs & NTNCWSs							
Size Category	Total Annual Sampling Events (carried forward from previous pg.)	Samples per Event (from B of "sampling pts")	Total Number of Samples per Year	Burden		Cost	
				Burden per Sample, hrs. (from "burden by chem")	Total Burden, hrs.	Cost per Sample, \$ (from "burden by chem")	Total Cost, \$
	E	F	G=E*F	H	I=G*H	J	K=G*J
0-100	6,471	1.15	7,410	1.0	7,410	\$1,033	\$7,655,187
101-500	6,142	1.15	7,032	1.0	7,032	\$1,033	\$7,265,126
501-1,000	1,821	1.40	2,550	1.0	2,550	\$1,033	\$2,634,210
1,001-3,300	1,904	1.40	2,666	1.0	2,666	\$1,033	\$2,754,275
3,301-10,000	1,049	1.80	1,883	1.0	1,883	\$1,033	\$1,945,719
10,001-50,000	502	2.93	1,471	1.0	1,471	\$1,033	\$1,519,275
50,001-100,000	56	2.93	163	1.0	163	\$1,033	\$168,348
100,001-1,000,000	27	8.79	239	1.0	239	\$1,033	\$247,297
>1,000,000	1	8.79	10	1.0	10	\$1,033	\$10,449
<b>Total</b>	<b>17,974</b>		<b>23,424</b>		<b>23,424</b>		<b>\$24,199,885</b>

Phase II SOCs (continued)							
Surface Water Systems, CWSs & NTNCWSs							
Size Category	Total Annual Sampling Events (carried forward from previous pg.)	Samples per Event (from B of "sampling pts")	Total Number of Samples per Year	Burden		Cost	
				Burden per Sample, hrs. (from "burden by chem")	Total Burden, hrs.	Cost per Sample, \$ (from "burden by chem")	Total Cost, \$
	E	F	G=E*F	H	I=G*H	J	K=G*J
0-100	316	1.12	354	1.0	354	\$1,033	\$365,975
101-500	450	1.12	504	1.0	504	\$1,033	\$520,775
501-1,000	237	1.19	281	1.0	281	\$1,033	\$290,149
1,001-3,300	545	1.19	646	1.0	646	\$1,033	\$667,162
3,301-10,000	846	1.27	1,070	1.0	1,070	\$1,033	\$1,105,898
10,001-50,000	808	2.29	1,849	1.0	1,849	\$1,033	\$1,910,596
50,001-100,000	183	2.29	418	1.0	418	\$1,033	\$432,022
100,001-1,000,000	193	4.24	817	1.0	817	\$1,033	\$843,931
>1,000,000	13	4.24	53	1.0	53	\$1,033	\$55,039
<b>Total</b>	<b>3,590</b>		<b>5,993</b>		<b>5,993</b>		<b>\$6,191,546</b>

<b>Phase II SOCs</b>							
<b>GRAND TOTAL</b>	<b>21,564</b>		<b>29,417</b>		<b>29,417</b>		<b>\$30,391,432</b>

Note: Burden estimates take into account the results of the February 2008 consultation with water industry representatives.

Barium Ground Water Systems, CWSs & NTNCWSs																			
Size Category	# of Affected Systems (from C of "systems")	Percent of Systems by Scenario (from "% by scenario")				Number of Systems by Scenario				Annual Sampling Frequency by Scenario (from "frequency")				Annual Sampling Events by Scenario					
		B				C=A*B				D				E=C*D					
		Scen. 1 Below trigger & no waiver	Scen. 2 Below trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Scen. 1 Below trigger & no waiver	Scen. 2 Below trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Scen. 1 Below trigger & no waiver	Scen. 2 Below trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Scen. 1 Above trigger & no waiver	Scen. 2 Above trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Total	
0-100	20,590	79.9%	19.9%	0.2%	-	16,443	4,106	41	-	0.33	0.11	4.00	-	5,426	452	165	-	6,043	
101-500	19,541	79.9%	19.9%	0.2%	-	15,605	3,896	39	-	0.33	0.11	4.00	-	5,150	429	156	-	5,735	
501-1,000	5,795	79.9%	19.9%	0.2%	-	4,628	1,155	12	-	0.33	0.11	4.00	-	1,527	127	46	-	1,701	
1,001-3,300	6,059	79.9%	19.9%	0.2%	-	4,839	1,208	12	-	0.33	0.11	4.00	-	1,597	133	48	-	1,778	
3,301-10,000	2,736	79.9%	19.9%	0.2%	-	2,185	545	5	-	0.33	0.11	4.00	-	721	60	22	-	803	
10,001-50,000	1,309	79.9%	19.9%	0.2%	-	1,045	261	3	-	0.33	0.11	4.00	-	345	29	10	-	384	
50,001-100,000	145	79.9%	19.9%	0.2%	-	116	29	0	-	0.33	0.11	4.00	-	38	3	1	-	43	
100,001-1,000,000	71	79.9%	19.9%	0.2%	-	57	14	0	-	0.33	0.11	4.00	-	19	2	1	-	21	
>1,000,000	3	79.9%	19.9%	0.2%	-	2	1	0	-	0.33	0.11	4.00	-	1	0	0	-	1	
Total	56,248					44,920	11,216	112	-					14,823	1,234	450	-	16,507	

Barium Surface Water Systems, CWSs & NTNCWSs																			
Size Category	# of Affected Systems (from C of "systems")	Percent of Systems by Scenario (from "% by scenario")				Number of Systems by Scenario				Annual Sampling Frequency by Scenario (from "frequency")				Annual Sampling Events by Scenario					
		B				C=A*B				D				E=C*D					
		Scen. 1 Below trigger & no waiver	Scen. 2 Below trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Scen. 1 Below trigger & no waiver	Scen. 2 Below trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Scen. 1 Below trigger & no waiver	Scen. 2 Below trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Scen. 1 Above trigger & no waiver	Scen. 2 Above trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Total	
0-100	567	79.9%	8.8%	0.5%	-	453	50	3	-	1.00	0.11	4.00	-	453	6	11	-	470	
101-500	807	79.9%	8.8%	0.5%	-	645	71	4	-	1.00	0.11	4.00	-	645	8	16	-	669	
501-1,000	425	79.9%	8.8%	0.5%	-	339	38	2	-	1.00	0.11	4.00	-	339	4	9	-	352	
1,001-3,300	977	79.9%	8.8%	0.5%	-	781	86	5	-	1.00	0.11	4.00	-	781	9	20	-	810	
3,301-10,000	1,010	90.7%	8.8%	0.5%	-	916	89	5	-	1.00	0.11	4.00	-	916	10	20	-	946	
10,001-50,000	964	90.7%	8.8%	0.5%	-	874	85	5	-	1.00	0.11	4.00	-	874	9	19	-	903	
50,001-100,000	218	90.7%	8.8%	0.5%	-	198	19	1	-	1.00	0.11	4.00	-	198	2	4	-	204	
100,001-1,000,000	230	90.7%	8.8%	0.5%	-	209	20	1	-	1.00	0.11	4.00	-	209	2	5	-	215	
>1,000,000	15	90.7%	8.8%	0.5%	-	14	1	0	-	1.00	0.11	4.00	-	14	0	0	-	14	
Total	5,214					4,427	461	26	-					4,427	51	104	-	4,582	

<b>Barium:</b>																			
<b>GRAND TOTAL</b>	<b>61,462</b>					<b>49,347</b>	<b>11,677</b>	<b>139</b>	<b>-</b>					<b>19,251</b>	<b>1,284</b>	<b>554</b>	<b>-</b>	<b>21,090</b>	

Barium (continued)							
Ground Water Systems, CWSs & NTNCWSs							
Size Category	Total Annual Sampling Events (carried forward from previous pg.)	Samples per Event (from B of "sampling pts")	Total Number of Samples per Year	Burden		Cost	
				Burden per Sample, hrs. (from "burden by chem")	Total Burden, hrs.	Cost per Sample, \$ (from "burden by chem")	Total Cost, \$
	E	F	G=E*F	H	I=G*H	J	K=G*J
0-100	6,043	1.15	6,919	0.5	3,459	\$13	\$89,350
101-500	5,735	1.15	6,566	0.5	3,283	\$13	\$84,797
501-1,000	1,701	1.40	2,381	0.5	1,190	\$13	\$30,746
1,001-3,300	1,778	1.40	2,489	0.5	1,245	\$13	\$32,147
3,301-10,000	803	1.80	1,441	0.5	721	\$13	\$18,610
10,001-50,000	384	2.93	1,125	0.5	563	\$13	\$14,531
50,001-100,000	43	2.93	125	0.5	62	\$13	\$1,610
100,001-1,000,000	21	8.79	183	0.5	92	\$13	\$2,365
>1,000,000	1	8.79	8	0.5	4	\$13	\$100
Total	16,507		21,237		10,619		\$274,256

Barium (continued)							
Surface Water Systems, CWSs & NTNCWSs							
Size Category	Total Annual Sampling Events (carried forward from previous pg.)	Samples per Event (from B of "sampling pts")	Total Number of Samples per Year	Burden		Cost	
				Burden per Sample, hrs. (from "burden by chem")	Total Burden, hrs.	Cost per Sample, \$ (from "burden by chem")	Total Cost, \$
	E	F	G=E*F	H	I=G*H	J	K=G*J
0-100	470	1.12	526	0.5	263	\$13	\$6,796
101-500	669	1.12	749	0.5	374	\$13	\$9,671
501-1,000	352	1.19	417	0.5	209	\$13	\$5,388
1,001-3,300	810	1.19	959	0.5	480	\$13	\$12,389
3,301-10,000	946	1.27	1,197	0.5	598	\$13	\$15,453
10,001-50,000	903	2.29	2,067	0.5	1,034	\$13	\$26,697
50,001-100,000	204	2.29	467	0.5	234	\$13	\$6,037
100,001-1,000,000	215	4.24	913	0.5	457	\$13	\$11,792
>1,000,000	14	4.24	60	0.5	30	\$13	\$769
Total	4,582		7,356		3,678		\$94,992

<b>Barium</b>							
<b>GRAND TOTAL</b>	<b>21,090</b>		<b>28,593</b>		<b>14,296</b>		<b>\$369,248</b>

Note: Burden estimates take into account the results of the February 2008 consultation with water industry representatives.

Pentachlorophenol Ground Water Systems, CWSs & NTNCWSs																		
Size Category	# of Affected Systems (from C of "systems")	Percent of Systems by Scenario (from "% by scenario")				Number of Systems by Scenario				Annual Sampling Frequency by Scenario (from "frequency")				Annual Sampling Events by Scenario				
		B				C=A*B				D				E=C*D				
		Scen. 1 Below trigger & no waiver	Scen. 2 Below trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Scen. 1 Below trigger & no waiver	Scen. 2 Below trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Scen. 1 Below trigger & no waiver	Scen. 2 Below trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Scen. 1 Above trigger & no waiver	Scen. 2 Above trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Total
0-100	20,590	24.9%	74.4%	0.0%	0.7%	5,136	15,310	-	144	0.33	-	4.00	1.67	1,695	-	-	241	1,936
101-500	19,541	24.9%	74.4%	0.0%	0.7%	4,874	14,530	-	137	0.33	-	4.00	1.67	1,609	-	-	228	1,837
501-1,000	5,795	24.9%	74.4%	0.0%	0.7%	1,445	4,309	-	41	0.33	-	4.00	1.67	477	-	-	68	545
1,001-3,300	6,059	24.9%	74.4%	0.0%	0.7%	1,511	4,505	-	42	0.33	-	4.00	1.67	499	-	-	71	570
3,301-10,000	2,736	24.9%	74.4%	0.0%	0.7%	682	2,034	-	19	0.67	-	4.00	1.67	457	-	-	32	489
10,001-50,000	1,309	24.9%	74.4%	0.0%	0.7%	326	973	-	9	0.67	-	4.00	1.67	219	-	-	15	234
50,001-100,000	145	24.9%	74.4%	0.0%	0.7%	36	108	-	1	0.67	-	4.00	1.67	24	-	-	2	26
100,001-1,000,000	71	24.9%	74.4%	0.0%	0.7%	18	53	-	0	0.67	-	4.00	1.67	12	-	-	1	13
>1,000,000	3	24.9%	74.4%	0.0%	0.7%	1	2	-	0	0.67	-	4.00	1.67	1	-	-	0	1
<b>Total</b>	<b>56,248</b>					<b>14,031</b>	<b>41,824</b>	<b>-</b>	<b>394</b>					<b>4,992</b>	<b>-</b>	<b>-</b>	<b>658</b>	<b>5,649</b>

Pentachlorophenol Surface Water Systems, CWSs & NTNCWSs																		
Size Category	# of Affected Systems (from C of "systems")	Percent of Systems by Scenario (from "% by scenario")				Number of Systems by Scenario				Annual Sampling Frequency by Scenario (from "frequency")				Annual Sampling Events by Scenario				
		B				C=A*B				D				E=C*D				
		Scen. 1 Below trigger & no waiver	Scen. 2 Below trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Scen. 1 Below trigger & no waiver	Scen. 2 Below trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Scen. 1 Below trigger & no waiver	Scen. 2 Below trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Scen. 1 Above trigger & no waiver	Scen. 2 Above trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Total
0-100	567	24.9%	32.2%	0.2%	2.9%	141	183	1	16	0.33	-	4.00	2.33	47	-	5	38	90
101-500	807	24.9%	32.2%	0.2%	2.9%	201	260	2	23	0.33	-	4.00	2.33	66	-	6	55	127
501-1,000	425	24.9%	32.2%	0.2%	2.9%	106	137	1	12	0.33	-	4.00	2.33	35	-	3	29	67
1,001-3,300	977	24.9%	32.2%	0.2%	2.9%	244	315	2	28	0.33	-	4.00	2.33	80	-	8	66	154
3,301-10,000	1,010	64.7%	32.2%	0.2%	2.9%	653	326	2	29	0.67	-	4.00	2.33	438	-	8	68	514
10,001-50,000	964	64.7%	32.2%	0.2%	2.9%	623	311	2	28	0.67	-	4.00	2.33	418	-	8	65	490
50,001-100,000	218	64.7%	32.2%	0.2%	2.9%	141	70	0	6	0.67	-	4.00	2.33	94	-	2	15	111
100,001-1,000,000	230	64.7%	32.2%	0.2%	2.9%	149	74	0	7	0.67	-	4.00	2.33	100	-	2	16	117
>1,000,000	15	64.7%	32.2%	0.2%	2.9%	10	5	0	0	0.67	-	4.00	2.33	6	-	0	1	8
<b>Total</b>	<b>5,214</b>					<b>2,268</b>	<b>1,681</b>	<b>10</b>	<b>151</b>					<b>1,284</b>	<b>-</b>	<b>42</b>	<b>352</b>	<b>1,678</b>

<b>Pentachlorophenol:</b>																		
<b>GRAND TOTAL</b>	<b>61,462</b>					<b>16,299</b>	<b>43,505</b>	<b>10</b>	<b>545</b>					<b>6,276</b>	<b>-</b>	<b>42</b>	<b>1,010</b>	<b>7,328</b>

Pentachlorophenol (continued)							
Ground Water Systems, CWSs & NTNCWSs							
Size Category	Total Annual Sampling Events (carried forward from previous pg.)	Samples per Event (from B of "sampling pts")	Total Number of Samples per Year	Burden		Cost	
				Burden per Sample, hrs. (from "burden by chem")	Total Burden, hrs.	Cost per Sample, \$ (from "burden by chem")	Total Cost, \$
	E	F	G=E*F	H	I=G*H	J	K=G*J
0-100	1,936	1.15	2,216	0.0	-	\$0	\$0
101-500	1,837	1.15	2,103	0.0	-	\$0	\$0
501-1,000	545	1.40	763	0.0	-	\$0	\$0
1,001-3,300	570	1.40	797	0.0	-	\$0	\$0
3,301-10,000	489	1.80	878	0.0	-	\$0	\$0
10,001-50,000	234	2.93	686	0.0	-	\$0	\$0
50,001-100,000	26	2.93	76	0.0	-	\$0	\$0
100,001-1,000,000	13	8.79	112	0.0	-	\$0	\$0
>1,000,000	1	8.79	5	0.0	-	\$0	\$0
Total	5,649		7,636		-		\$0

Pentachlorophenol (continued)							
Surface Water Systems, CWSs & NTNCWSs							
Size Category	Total Annual Sampling Events (carried forward from previous pg.)	Samples per Event (from B of "sampling pts")	Total Number of Samples per Year	Burden		Cost	
				Burden per Sample, hrs. (from "burden by chem")	Total Burden, hrs.	Cost per Sample, \$ (from "burden by chem")	Total Cost, \$
	E	F	G=E*F	H	I=G*H	J	K=G*J
0-100	90	1.12	100	0.0	-	\$0	\$0
101-500	127	1.12	143	0.0	-	\$0	\$0
501-1,000	67	1.19	80	0.0	-	\$0	\$0
1,001-3,300	154	1.19	183	0.0	-	\$0	\$0
3,301-10,000	514	1.27	650	0.0	-	\$0	\$0
10,001-50,000	490	2.29	1,123	0.0	-	\$0	\$0
50,001-100,000	111	2.29	254	0.0	-	\$0	\$0
100,001-1,000,000	117	4.24	496	0.0	-	\$0	\$0
>1,000,000	8	4.24	32	0.0	-	\$0	\$0
Total	1,678		3,061		-		\$0

<b>Pentachlorophenol</b>							
<b>GRAND TOTAL</b>	<b>7,328</b>		<b>10,697</b>		<b>-</b>		<b>\$0</b>

Note: Burden estimates take into account the results of the February 2008 consultation with water industry representatives.



Adipates, Phthalates Ground Water Systems, CWSs & NTNCWSs																		
Size Category	# of Affected Systems (from C of "systems") A	Percent of Systems by Scenario (from "% by scenario") B				Number of Systems by Scenario C=A*B				Annual Sampling Frequency by Scenario (from "frequency") D				Annual Sampling Events by Scenario E=C*D				
		Scen. 1 Below trigger & no waiver	Scen. 2 Below trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Scen. 1 Below trigger & no waiver	Scen. 2 Below trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Scen. 1 Below trigger & no waiver	Scen. 2 Below trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Scen. 1 Above trigger & no waiver	Scen. 2 Above trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Total
		0-100	20,590	21.8%	64.8%	1.0%	12.4%	4,486	13,345	206	2,553	0.33	-	4.00	1.67	1,480	-	824
101-500	19,541	21.8%	64.8%	1.0%	12.4%	4,258	12,665	195	2,423	0.33	-	4.00	1.67	1,405	-	782	4,047	6,233
501-1,000	5,795	21.8%	64.8%	1.0%	12.4%	1,263	3,756	58	719	0.33	-	4.00	1.67	417	-	232	1,200	1,848
1,001-3,300	6,059	21.8%	64.8%	1.0%	12.4%	1,320	3,927	61	751	0.33	-	4.00	1.67	436	-	242	1,255	1,933
3,301-10,000	2,736	21.8%	64.8%	1.0%	12.4%	596	1,773	27	339	0.67	-	4.00	1.67	399	-	109	566	1,075
10,001-50,000	1,309	21.8%	64.8%	1.0%	12.4%	285	848	13	162	0.67	-	4.00	1.67	191	-	52	271	514
50,001-100,000	145	21.8%	64.8%	1.0%	12.4%	32	94	1	18	0.67	-	4.00	1.67	21	-	6	30	57
100,001-1,000,000	71	21.8%	64.8%	1.0%	12.4%	15	46	1	9	0.67	-	4.00	1.67	10	-	3	15	28
>1,000,000	3	21.8%	64.8%	1.0%	12.4%	1	2	0	0	0.67	-	4.00	1.67	0	-	0	1	1
<b>Total</b>	<b>56,248</b>					<b>12,256</b>	<b>36,455</b>	<b>562</b>	<b>6,975</b>					<b>4,360</b>	<b>-</b>	<b>2,250</b>	<b>11,648</b>	<b>18,258</b>

Adipates, Phthalates Surface Water Systems, CWSs & NTNCWSs																		
Size Category	# of Affected Systems (from C of "systems") A	Percent of Systems by Scenario (from "% by scenario") B				Number of Systems by Scenario C=A*B				Annual Sampling Frequency by Scenario (from "frequency") D				Annual Sampling Events by Scenario E=C*D				
		Scen. 1 Below trigger & no waiver	Scen. 2 Below trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Scen. 1 Below trigger & no waiver	Scen. 2 Below trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Scen. 1 Below trigger & no waiver	Scen. 2 Below trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Scen. 1 Above trigger & no waiver	Scen. 2 Above trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Total
		0-100	567	21.8%	28.7%	0.9%	19.5%	124	163	5	111	0.33	-	4.00	2.33	41	-	20
101-500	807	21.8%	28.7%	0.9%	19.5%	176	232	7	157	0.33	-	4.00	2.33	58	-	29	367	454
501-1,000	425	21.8%	28.7%	0.9%	19.5%	93	122	4	83	0.33	-	4.00	2.33	31	-	15	193	239
1,001-3,300	977	21.8%	28.7%	0.9%	19.5%	213	280	9	191	0.33	-	4.00	2.33	70	-	35	444	550
3,301-10,000	1,010	50.9%	28.7%	0.9%	19.5%	514	290	9	197	0.67	-	4.00	2.33	345	-	36	459	840
10,001-50,000	964	50.9%	28.7%	0.9%	19.5%	491	277	9	188	0.67	-	4.00	2.33	329	-	35	438	802
50,001-100,000	218	50.9%	28.7%	0.9%	19.5%	111	63	2	43	0.67	-	4.00	2.33	74	-	8	99	181
100,001-1,000,000	230	50.9%	28.7%	0.9%	19.5%	117	66	2	45	0.67	-	4.00	2.33	78	-	8	105	191
>1,000,000	15	50.9%	28.7%	0.9%	19.5%	8	4	0	3	0.67	-	4.00	2.33	5	-	1	7	12
<b>Total</b>	<b>5,214</b>					<b>1,846</b>	<b>1,496</b>	<b>47</b>	<b>1,017</b>					<b>1,031</b>	<b>-</b>	<b>188</b>	<b>2,369</b>	<b>3,588</b>

<b>Adipates,</b>																		
<b>Phthalates :</b>																		
<b>GRAND TOTAL</b>	<b>61,462</b>					<b>14,102</b>	<b>37,951</b>	<b>609</b>	<b>7,992</b>					<b>5,391</b>	<b>-</b>	<b>2,438</b>	<b>14,017</b>	<b>21,846</b>

Adipates, Phthalates (continued)							
Ground Water Systems, CWSs & NTNCWSs							
Size Category	Total Annual Sampling Events (carried forward from previous pg.)	Samples per Event (from B of "sampling pts")	Total Number of Samples per Year	Burden		Cost	
				Burden per Sample, hrs. (from "burden by chem")	Total Burden, hrs.	Cost per Sample, \$ (from "burden by chem")	Total Cost, \$
	E	F	G=E*F	H	I=G*H	J	K=G*J
0-100	6,568	1.15	7,520	0.5	3,760	\$215	\$1,618,613
101-500	6,233	1.15	7,137	0.5	3,569	\$215	\$1,536,138
501-1,000	1,848	1.40	2,588	0.5	1,294	\$215	\$556,977
1,001-3,300	1,933	1.40	2,706	0.5	1,353	\$215	\$582,364
3,301-10,000	1,075	1.80	1,930	0.5	965	\$215	\$415,415
10,001-50,000	514	2.93	1,507	0.5	754	\$215	\$324,368
50,001-100,000	57	2.93	167	0.5	83	\$215	\$35,943
100,001-1,000,000	28	8.79	245	0.5	123	\$215	\$52,798
>1,000,000	1	8.79	10	0.5	5	\$215	\$2,231
<b>Total</b>	<b>18,258</b>		<b>23,811</b>		<b>11,905</b>		<b>\$5,124,847</b>

Adipates, Phthalates (continued)							
Surface Water Systems, CWSs & NTNCWSs							
Size Category	Total Annual Sampling Events (carried forward from previous pg.)	Samples per Event (from B of "sampling pts")	Total Number of Samples per Year	Burden		Cost	
				Burden per Sample, hrs. (from "burden by chem")	Total Burden, hrs.	Cost per Sample, \$ (from "burden by chem")	Total Cost, \$
	E	F	G=E*F	H	I=G*H	J	K=G*J
0-100	319	1.12	357	0.5	179	\$215	\$76,886
101-500	454	1.12	508	0.5	254	\$215	\$109,407
501-1,000	239	1.19	283	0.5	142	\$215	\$60,956
1,001-3,300	550	1.19	651	0.5	326	\$215	\$140,160
3,301-10,000	840	1.27	1,063	0.5	531	\$215	\$228,694
10,001-50,000	802	2.29	1,836	0.5	918	\$215	\$395,101
50,001-100,000	181	2.29	415	0.5	208	\$215	\$89,340
100,001-1,000,000	191	4.24	811	0.5	405	\$215	\$174,521
>1,000,000	12	4.24	53	0.5	26	\$215	\$11,382
<b>Total</b>	<b>3,588</b>		<b>5,977</b>		<b>2,988</b>		<b>\$1,286,446</b>

<b>Adipates, Phthalates</b>			
<b>GRAND TOTAL</b>	<b>21,846</b>	<b>29,788</b>	<b>\$6,411,293</b>

Note: Burden estimates take into account the results of the February 2008 consultation with water industry representatives.

PAH Benzo(a)pyrene Ground Water Systems, CWSs & NTNCWSs																		
Size Category	# of Affected Systems (from C of "systems")	Percent of Systems by Scenario (from "% by scenario")				Number of Systems by Scenario				Annual Sampling Frequency by Scenario (from "frequency")				Annual Sampling Events by Scenario				
		B				C=A*B				D				E=C*D				
		Scen. 1 Below trigger & no waiver	Scen. 2 Below trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Scen. 1 Below trigger & no waiver	Scen. 2 Below trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Scen. 1 Below trigger & no waiver	Scen. 2 Below trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Scen. 1 Above trigger & no waiver	Scen. 2 Above trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Total
0-100	20,590	22.3%	77.2%	0.1%	0.4%	4,589	15,898	21	82	0.33	-	4.00	1.67	1,514	-	82	138	1,734
101-500	19,541	22.3%	77.2%	0.1%	0.4%	4,355	15,088	20	78	0.33	-	4.00	1.67	1,437	-	78	131	1,646
501-1,000	5,795	22.3%	77.2%	0.1%	0.4%	1,292	4,474	6	23	0.33	-	4.00	1.67	426	-	23	39	488
1,001-3,300	6,059	22.3%	77.2%	0.1%	0.4%	1,350	4,678	6	24	0.33	-	4.00	1.67	446	-	24	40	510
3,301-10,000	2,736	22.3%	77.2%	0.1%	0.4%	610	2,112	3	11	0.67	-	4.00	1.67	408	-	11	18	438
10,001-50,000	1,309	22.3%	77.2%	0.1%	0.4%	292	1,010	1	5	0.67	-	4.00	1.67	195	-	5	9	209
50,001-100,000	145	22.3%	77.2%	0.1%	0.4%	32	112	0	1	0.67	-	4.00	1.67	22	-	1	1	23
100,001-1,000,000	71	22.3%	77.2%	0.1%	0.4%	16	55	0	0	0.67	-	4.00	1.67	11	-	0	0	11
>1,000,000	3	22.3%	77.2%	0.1%	0.4%	1	2	0	0	0.67	-	4.00	1.67	0	-	0	0	0
<b>Total</b>	<b>56,248</b>					<b>12,537</b>	<b>43,430</b>	<b>56</b>	<b>225</b>					<b>4,460</b>	<b>-</b>	<b>225</b>	<b>376</b>	<b>5,061</b>

PAH Benzo(a)pyrene Surface Water Systems, CWSs & NTNCWSs																		
Size Category	# of Affected Systems (from C of "systems")	Percent of Systems by Scenario (from "% by scenario")				Number of Systems by Scenario				Annual Sampling Frequency by Scenario (from "frequency")				Annual Sampling Events by Scenario				
		B				C=A*B				D				E=C*D				
		Scen. 1 Below trigger & no waiver	Scen. 2 Below trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Scen. 1 Below trigger & no waiver	Scen. 2 Below trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Scen. 1 Below trigger & no waiver	Scen. 2 Below trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Scen. 1 Above trigger & no waiver	Scen. 2 Above trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Total
0-100	567	22.3%	37.9%	0.0%	0.5%	126	215	-	3	0.33	-	4.00	2.33	42	-	-	7	48
101-500	807	22.3%	37.9%	0.0%	0.5%	180	306	-	4	0.33	-	4.00	2.33	59	-	-	9	69
501-1,000	425	22.3%	37.9%	0.0%	0.5%	95	161	-	2	0.33	-	4.00	2.33	31	-	-	5	36
1,001-3,300	977	22.3%	37.9%	0.0%	0.5%	218	371	-	5	0.33	-	4.00	2.33	72	-	-	11	83
3,301-10,000	1,010	61.6%	37.9%	0.0%	0.5%	622	383	-	5	0.67	-	4.00	2.33	417	-	-	12	429
10,001-50,000	964	61.6%	37.9%	0.0%	0.5%	594	365	-	5	0.67	-	4.00	2.33	398	-	-	11	409
50,001-100,000	218	61.6%	37.9%	0.0%	0.5%	134	83	-	1	0.67	-	4.00	2.33	90	-	-	3	92
100,001-1,000,000	230	61.6%	37.9%	0.0%	0.5%	142	87	-	1	0.67	-	4.00	2.33	95	-	-	3	98
>1,000,000	15	61.6%	37.9%	0.0%	0.5%	9	6	-	0	0.67	-	4.00	2.33	6	-	-	0	6
<b>Total</b>	<b>5,214</b>					<b>2,120</b>	<b>1,977</b>	<b>-</b>	<b>26</b>					<b>1,210</b>	<b>-</b>	<b>-</b>	<b>61</b>	<b>1,271</b>

PAH Benzo(a)pyrene																		
<b>GRAND TOTAL</b>	<b>61,462</b>					<b>14,657</b>	<b>45,407</b>	<b>56</b>	<b>251</b>					<b>5,670</b>	<b>-</b>	<b>225</b>	<b>436</b>	<b>6,332</b>

PAH Benzo(a)pyrene (continued)							
Ground Water Systems, CWSs & NTNCWSs							
Size Category	Total Annual Sampling Events (carried forward from previous pg.)	Samples per Event (from B of "sampling pts")	Total Number of Samples per Year	Burden		Cost	
				Burden per Sample, hrs. (from "burden by chem")	Total Burden, hrs.	Cost per Sample, \$ (from "burden by chem")	Total Cost, \$
	E	F	G=E*F	H	I=G*H	J	K=G*J
0-100	1,734	1.15	1,986	0.0	-	\$215	\$427,411
101-500	1,646	1.15	1,885	0.0	-	\$215	\$405,632
501-1,000	488	1.40	683	0.0	-	\$215	\$147,075
1,001-3,300	510	1.40	714	0.0	-	\$215	\$153,779
3,301-10,000	438	1.80	786	0.0	-	\$215	\$169,108
10,001-50,000	209	2.93	613	0.0	-	\$215	\$132,045
50,001-100,000	23	2.93	68	0.0	-	\$215	\$14,632
100,001-1,000,000	11	8.79	100	0.0	-	\$215	\$21,493
>1,000,000	0	8.79	4	0.0	-	\$215	\$908
<b>Total</b>	<b>5,061</b>		<b>6,839</b>		<b>-</b>		<b>\$1,472,084</b>

PAH Benzo(a)pyrene (continued)							
Surface Water Systems, CWSs & NTNCWSs							
Size Category	Total Annual Sampling Events (carried forward from previous pg.)	Samples per Event (from B of "sampling pts")	Total Number of Samples per Year	Burden		Cost	
				Burden per Sample, hrs. (from "burden by chem")	Total Burden, hrs.	Cost per Sample, \$ (from "burden by chem")	Total Cost, \$
	E	F	G=E*F	H	I=G*H	J	K=G*J
0-100	48	1.12	54	0.0	-	\$215	\$11,651
101-500	69	1.12	77	0.0	-	\$215	\$16,579
501-1,000	36	1.19	43	0.0	-	\$215	\$9,237
1,001-3,300	83	1.19	99	0.0	-	\$215	\$21,239
3,301-10,000	429	1.27	542	0.0	-	\$215	\$116,706
10,001-50,000	409	2.29	937	0.0	-	\$215	\$201,626
50,001-100,000	92	2.29	212	0.0	-	\$215	\$45,591
100,001-1,000,000	98	4.24	414	0.0	-	\$215	\$89,060
>1,000,000	6	4.24	27	0.0	-	\$215	\$5,808
<b>Total</b>	<b>1,271</b>		<b>2,404</b>		<b>-</b>		<b>\$517,497</b>

<b>PAH Benzo(a)pyrene</b>							
<b>GRAND TOTAL</b>	<b>6,332</b>		<b>9,244</b>		<b>-</b>		<b>\$1,989,581</b>

Note: Burden estimates take into account the results of the February 2008 consultation with water industry representatives.

Dioxin																		
Ground Water Systems, CWSs & NTNCWSs																		
Size Category	# of Affected Systems (from C of "systems")	Percent of Systems by Scenario (from "% by scenario")				Number of Systems by Scenario				Annual Sampling Frequency by Scenario (from "frequency")				Annual Sampling Events by Scenario				
		B				C=A*B				D				E=C*D				
		Scen. 1 Below trigger & no waiver	Scen. 2 Below trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Scen. 1 Below trigger & no waiver	Scen. 2 Below trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Scen. 1 Below trigger & no waiver	Scen. 2 Below trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Scen. 1 Above trigger & no waiver	Scen. 2 Above trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Total
0-100	20,590	7.4%	91.3%	0.013	0	1,516	18,806	268	-	0.33	-	4.00	1.67	500	-	1,071	-	1,571
101-500	19,541	7.4%	91.3%	0.013	0	1,439	17,848	254	-	0.33	-	4.00	1.67	475	-	1,016	-	1,491
501-1,000	5,795	7.4%	91.3%	0.013	0	427	5,293	75	-	0.33	-	4.00	1.67	141	-	301	-	442
1,001-3,300	6,059	7.4%	91.3%	0.013	0	446	5,534	79	-	0.33	-	4.00	1.67	147	-	315	-	462
3,301-10,000	2,736	7.4%	91.3%	0.013	0	201	2,499	36	-	0.67	-	4.00	1.67	135	-	142	-	277
10,001-50,000	1,309	7.4%	91.3%	0.013	0	96	1,195	17	-	0.67	-	4.00	1.67	65	-	68	-	133
50,001-100,000	145	7.4%	91.3%	0.013	0	11	132	2	-	0.67	-	4.00	1.67	7	-	8	-	15
100,001-1,000,000	71	7.4%	91.3%	0.013	0	5	65	1	-	0.67	-	4.00	1.67	4	-	4	-	7
>1,000,000	3	7.4%	91.3%	0.013	0	0	3	0	-	0.67	-	4.00	1.67	0	-	0	-	0
<b>Total</b>	<b>56,248</b>					<b>4,142</b>	<b>51,375</b>	<b>731</b>	<b>-</b>					<b>1,473</b>	<b>-</b>	<b>2,925</b>	<b>-</b>	<b>4,398</b>

Dioxin																		
Surface Water Systems, CWSs & NTNCWSs																		
Size Category	# of Affected Systems (from C of "systems")	Percent of Systems by Scenario (from "% by scenario")				Number of Systems by Scenario				Annual Sampling Frequency by Scenario (from "frequency")				Annual Sampling Events by Scenario				
		B				C=A*B				D				E=C*D				
		Scen. 1 Below trigger & no waiver	Scen. 2 Below trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Scen. 1 Below trigger & no waiver	Scen. 2 Below trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Scen. 1 Below trigger & no waiver	Scen. 2 Below trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Scen. 1 Above trigger & no waiver	Scen. 2 Above trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Total
0-100	567	7.4%	73.2%	0	0	42	415	-	-	0.33	-	4.00	2.33	14	-	-	-	14
101-500	807	7.4%	73.2%	0	0	59	591	-	-	0.33	-	4.00	2.33	20	-	-	-	20
501-1,000	425	7.4%	73.2%	0	0	31	311	-	-	0.33	-	4.00	2.33	10	-	-	-	10
1,001-3,300	977	7.4%	73.2%	0	0	72	716	-	-	0.33	-	4.00	2.33	24	-	-	-	24
3,301-10,000	1,010	26.8%	73.2%	0	0	270	740	-	-	0.67	-	4.00	2.33	181	-	-	-	181
10,001-50,000	964	26.8%	73.2%	0	0	258	706	-	-	0.67	-	4.00	2.33	173	-	-	-	173
50,001-100,000	218	26.8%	73.2%	0	0	58	160	-	-	0.67	-	4.00	2.33	39	-	-	-	39
100,001-1,000,000	230	26.8%	73.2%	0	0	62	168	-	-	0.67	-	4.00	2.33	41	-	-	-	41
>1,000,000	15	26.8%	73.2%	0	0	4	11	-	-	0.67	-	4.00	2.33	3	-	-	-	3
<b>Total</b>	<b>5,214</b>					<b>857</b>	<b>3,819</b>	<b>-</b>	<b>-</b>					<b>504</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>504</b>

<b>Dioxin :</b>																		
<b>GRAND TOTAL</b>	<b>61,462</b>					<b>4,998</b>	<b>55,194</b>	<b>731</b>	<b>-</b>					<b>1,978</b>	<b>-</b>	<b>2,925</b>	<b>-</b>	<b>4,903</b>

Dioxin (continued)							
Ground Water Systems, CWSs & NTNCWSs							
Size Category	Total Annual Sampling Events (carried forward from previous pg.)	Samples per Event (from B of "sampling pts")	Total Number of Samples per Year	Burden		Cost	
				Burden per Sample, hrs. (from "burden by chem")	Total Burden, hrs.	Cost per Sample, \$ (from "burden by chem")	Total Cost, \$
	E	F	G=E*F	H	I=G*H	J	K=G*J
0-100	1,571	1.15	1,799	1.0	1,799	\$1,291	\$2,322,954
101-500	1,491	1.15	1,707	1.0	1,707	\$1,291	\$2,204,591
501-1,000	442	1.40	619	1.0	619	\$1,291	\$799,347
1,001-3,300	462	1.40	647	1.0	647	\$1,291	\$835,781
3,301-10,000	277	1.80	498	1.0	498	\$1,291	\$642,567
10,001-50,000	133	2.93	389	1.0	389	\$1,291	\$501,735
50,001-100,000	15	2.93	43	1.0	43	\$1,291	\$55,596
100,001-1,000,000	7	8.79	63	1.0	63	\$1,291	\$81,669
>1,000,000	0	8.79	3	1.0	3	\$1,291	\$3,451
Total	4,398		5,767		5,767		\$7,447,690

Dioxin (continued)							
Surface Water Systems, CWSs & NTNCWSs							
Size Category	Total Annual Sampling Events (carried forward from previous pg.)	Samples per Event (from B of "sampling pts")	Total Number of Samples per Year	Burden		Cost	
				Burden per Sample, hrs. (from "burden by chem")	Total Burden, hrs.	Cost per Sample, \$ (from "burden by chem")	Total Cost, \$
	E	F	G=E*F	H	I=G*H	J	K=G*J
0-100	14	1.12	15	1.0	15	\$1,291	\$19,936
101-500	20	1.12	22	1.0	22	\$1,291	\$28,368
501-1,000	10	1.19	12	1.0	12	\$1,291	\$15,805
1,001-3,300	24	1.19	28	1.0	28	\$1,291	\$36,343
3,301-10,000	181	1.27	229	1.0	229	\$1,291	\$295,886
10,001-50,000	173	2.29	396	1.0	396	\$1,291	\$511,185
50,001-100,000	39	2.29	90	1.0	90	\$1,291	\$115,589
100,001-1,000,000	41	4.24	175	1.0	175	\$1,291	\$225,796
>1,000,000	3	4.24	11	1.0	11	\$1,291	\$14,726
Total	504		978		978		\$1,263,634

<b>Dioxin</b>							
<b>GRAND TOTAL</b>	<b>4,903</b>		<b>6,746</b>		<b>6,746</b>		<b>\$8,711,324</b>

Note: Burden estimates take into account the results of the February 2008 consultation with water industry representatives.

Phase V VOCs																					
Ground Water Systems, CWSs & NTNCWSs																					
Size Category	# of Affected Systems (from C of "systems")	Percent of Systems by Scenario (from "% by scenario")				Number of Systems by Scenario				Annual Sampling Frequency by Scenario (from "frequency")				Annual Sampling Events by Scenario							
		A				B				C=A*B				D				E=C*D			
		Scen. 1 Below trigger & no waiver	Scen. 2 Below trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Scen. 1 Below trigger & no waiver	Scen. 2 Below trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Scen. 1 Below trigger & no waiver	Scen. 2 Below trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Scen. 1 Above trigger & no waiver	Scen. 2 Above trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Scen. 4 Above trigger & below MCL	Total		
0-100	20,590	41.8%	38.3%	0.061	0.138	8,611	7,882	1,256	2,841	0.33	0.22	4.00	1.67	2,842	1,734	5,024	4,745	14,345			
101-500	19,541	41.8%	38.3%	0.061	0.138	8,172	7,480	1,192	2,697	0.33	0.22	4.00	1.67	2,697	1,646	4,768	4,503	13,614			
501-1,000	5,795	41.8%	38.3%	0.061	0.138	2,423	2,218	353	800	0.33	0.22	4.00	1.67	800	488	1,414	1,335	4,037			
1,001-3,300	6,059	41.8%	38.3%	0.061	0.138	2,534	2,319	370	836	0.33	0.22	4.00	1.67	836	510	1,478	1,396	4,221			
3,301-10,000	2,736	41.8%	38.3%	0.061	0.138	1,144	1,047	167	378	0.33	0.22	4.00	1.67	378	230	667	630	1,906			
10,001-50,000	1,309	41.8%	38.3%	0.061	0.138	547	501	80	181	0.33	0.22	4.00	1.67	181	110	319	302	912			
50,001-100,000	145	41.8%	38.3%	0.061	0.138	61	56	9	20	0.33	0.22	4.00	1.67	20	12	35	33	101			
100,001-1,000,000	71	41.8%	38.3%	0.061	0.138	30	27	4	10	0.33	0.22	4.00	1.67	10	6	17	16	49			
>1,000,000	3	41.8%	38.3%	0.061	0.138	1	1	0	0	0.33	0.22	4.00	1.67	0	0	1	1	2			
Total	56,248					23,523	21,532	3,431	7,762					7,763	4,737	13,724	12,963	39,187			

Phase V VOCs																					
Surface Water Systems, CWSs & NTNCWSs																					
Size Category	# of Affected Systems (from C of "systems")	Percent of Systems by Scenario (from "% by scenario")				Number of Systems by Scenario				Annual Sampling Frequency by Scenario (from "frequency")				Annual Sampling Events by Scenario							
		A				B				C=A*B				D				E=C*D			
		Scen. 1 Below trigger & no waiver	Scen. 2 Below trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Scen. 1 Below trigger & no waiver	Scen. 2 Below trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Scen. 1 Below trigger & no waiver	Scen. 2 Below trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Scen. 1 Above trigger & no waiver	Scen. 2 Above trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Scen. 4 Above trigger & below MCL	Total		
0-100	567	41.8%	12.5%	0.082	0.329	237	71	47	187	1.00	0.33	4.00	2.33	237	23	186	435	882			
101-500	807	41.8%	12.5%	0.082	0.329	338	101	66	266	1.00	0.33	4.00	2.33	338	33	265	619	1,254			
501-1,000	425	41.8%	12.5%	0.082	0.329	178	53	35	140	1.00	0.33	4.00	2.33	178	18	139	326	661			
1,001-3,300	977	41.8%	12.5%	0.082	0.329	409	122	80	322	1.00	0.33	4.00	2.33	409	40	321	749	1,519			
3,301-10,000	1,010	46.4%	12.5%	0.082	0.329	469	126	83	332	1.00	0.33	4.00	2.33	469	42	331	774	1,616			
10,001-50,000	964	46.4%	12.5%	0.082	0.329	447	121	79	317	1.00	0.33	4.00	2.33	447	40	316	739	1,542			
50,001-100,000	218	46.4%	12.5%	0.082	0.329	101	27	18	72	1.00	0.33	4.00	2.33	101	9	72	167	349			
100,001-1,000,000	230	46.4%	12.5%	0.082	0.329	107	29	19	76	1.00	0.33	4.00	2.33	107	9	75	176	368			
>1,000,000	15	46.4%	12.5%	0.082	0.329	7	2	1	5	1.00	0.33	4.00	2.33	7	1	5	11	24			
Total	5,214					2,292	652	428	1,715					2,292	215	1,710	3,997	8,215			

<b>Phase V VOCs:</b>																			
<b>GRAND TOTAL</b>	<b>61,462</b>					<b>25,815</b>	<b>22,184</b>	<b>3,859</b>	<b>9,478</b>					<b>10,055</b>	<b>4,952</b>	<b>15,435</b>	<b>16,960</b>	<b>47,401</b>	

Phase V VOCs (continued)							
Ground Water Systems, CWSs & NTNCWSs							
Size Category	Total Annual Sampling Events (carried forward from previous pg.)	Samples per Event (from B of "sampling pts")	Total Number of Samples per Year	Burden		Cost	
				Burden per Sample, hrs. (from "burden by chem")	Total Burden, hrs.	Cost per Sample, \$ (from "burden by chem")	Total Cost, \$
	E	F	G=E*F	H	I=G*H	J	K=G*J
0-100	14,345	1.15	16,425	0.0	-	\$0	\$0
101-500	13,614	1.15	15,588	0.0	-	\$0	\$0
501-1,000	4,037	1.40	5,652	0.0	-	\$0	\$0
1,001-3,300	4,221	1.40	5,910	0.0	-	\$0	\$0
3,301-10,000	1,906	1.80	3,421	0.0	-	\$0	\$0
10,001-50,000	912	2.93	2,671	0.0	-	\$0	\$0
50,001-100,000	101	2.93	296	0.0	-	\$0	\$0
100,001-1,000,000	49	8.79	435	0.0	-	\$0	\$0
>1,000,000	2	8.79	18	0.0	-	\$0	\$0
Total	39,187		50,415		-		\$0

Phase V VOCs (continued)							
Surface Water Systems, CWSs & NTNCWSs							
Size Category	Total Annual Sampling Events (carried forward from previous pg.)	Samples per Event (from B of "sampling pts")	Total Number of Samples per Year	Burden		Cost	
				Burden per Sample, hrs. (from "burden by chem")	Total Burden, hrs.	Cost per Sample, \$ (from "burden by chem")	Total Cost, \$
	E	F	G=E*F	H	I=G*H	J	K=G*J
0-100	882	1.12	987	0.0	-	\$0	\$0
101-500	1,254	1.12	1,405	0.0	-	\$0	\$0
501-1,000	661	1.19	783	0.0	-	\$0	\$0
1,001-3,300	1,519	1.19	1,800	0.0	-	\$0	\$0
3,301-10,000	1,616	1.27	2,044	0.0	-	\$0	\$0
10,001-50,000	1,542	2.29	3,532	0.0	-	\$0	\$0
50,001-100,000	349	2.29	799	0.0	-	\$0	\$0
100,001-1,000,000	368	4.24	1,560	0.0	-	\$0	\$0
>1,000,000	24	4.24	102	0.0	-	\$0	\$0
Total	8,215		13,012		-		\$0

<b>Phase V VOCs</b>							
<b>GRAND TOTAL</b>	<b>47,401</b>		<b>63,427</b>		<b>-</b>		<b>\$0</b>

Note: Burden estimates take into account the results of the February 2008 consultation with water industry representatives.



Phase V IOCs, except sulfate Ground Water Systems, CWSs & NTNCWSs																		
Size Category	# of Affected Systems (from C of "systems")	Percent of Systems by Scenario (from "% by scenario")				Number of Systems by Scenario				Annual Sampling Frequency by Scenario (from "frequency")				Annual Sampling Events by Scenario				
		B				C=A*B				D				E=C*D				
		Scen. 1 Below trigger & no waiver	Scen. 2 Below trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Scen. 1 Below trigger & no waiver	Scen. 2 Below trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Scen. 1 Below trigger & no waiver	Scen. 2 Below trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Scen. 1 Above trigger & no waiver	Scen. 2 Above trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Total
0-100	20,590	76.7%	19.1%	0.042	-	15,784	3,941	865	-	0.33	0.11	4.00	-	5,209	434	3,459	-	9,101
101-500	19,541	76.7%	19.1%	0.042	-	14,980	3,740	821	-	0.33	0.11	4.00	-	4,943	411	3,283	-	8,638
501-1,000	5,795	76.7%	19.1%	0.042	-	4,442	1,109	243	-	0.33	0.11	4.00	-	1,466	122	974	-	2,561
1,001-3,300	6,059	76.7%	19.1%	0.042	-	4,645	1,160	254	-	0.33	0.11	4.00	-	1,533	128	1,018	-	2,678
3,301-10,000	2,736	76.7%	19.1%	0.042	-	2,097	524	115	-	0.33	0.11	4.00	-	692	58	460	-	1,209
10,001-50,000	1,309	76.7%	19.1%	0.042	-	1,003	250	55	-	0.33	0.11	4.00	-	331	28	220	-	578
50,001-100,000	145	76.7%	19.1%	0.042	-	111	28	6	-	0.33	0.11	4.00	-	37	3	24	-	64
100,001-1,000,000	71	76.7%	19.1%	0.042	-	54	14	3	-	0.33	0.11	4.00	-	18	1	12	-	31
>1,000,000	3	76.7%	19.1%	0.042	-	2	1	0	-	0.33	0.11	4.00	-	1	0	1	-	1
<b>Total</b>	<b>56,248</b>					<b>43,119</b>	<b>10,766</b>	<b>2,362</b>	<b>-</b>					<b>14,229</b>	<b>1,184</b>	<b>9,450</b>	<b>-</b>	<b>24,863</b>

Phase V IOCs, except sulfate Surface Water Systems, CWSs & NTNCWSs																		
Size Category	# of Affected Systems (from C of "systems")	Percent of Systems by Scenario (from "% by scenario")				Number of Systems by Scenario				Annual Sampling Frequency by Scenario (from "frequency")				Annual Sampling Events by Scenario				
		B				C=A*B				D				E=C*D				
		Scen. 1 Below trigger & no waiver	Scen. 2 Below trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Scen. 1 Below trigger & no waiver	Scen. 2 Below trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Scen. 1 Below trigger & no waiver	Scen. 2 Below trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Scen. 1 Above trigger & no waiver	Scen. 2 Above trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Total
0-100	567	76.7%	8.7%	0.025	-	435	49	14	-	1.00	0.11	4.00	-	435	5	57	-	497
101-500	807	76.7%	8.7%	0.025	-	619	70	20	-	1.00	0.11	4.00	-	619	8	81	-	707
501-1,000	425	76.7%	8.7%	0.025	-	326	37	11	-	1.00	0.11	4.00	-	326	4	43	-	372
1,001-3,300	977	76.7%	8.7%	0.025	-	749	85	24	-	1.00	0.11	4.00	-	749	9	98	-	856
3,301-10,000	1,010	88.8%	8.7%	0.025	-	897	87	25	-	1.00	0.11	4.00	-	897	10	101	-	1,008
10,001-50,000	964	88.8%	8.7%	0.025	-	857	83	24	-	1.00	0.11	4.00	-	857	9	96	-	962
50,001-100,000	218	88.8%	8.7%	0.025	-	194	19	5	-	1.00	0.11	4.00	-	194	2	22	-	218
100,001-1,000,000	230	88.8%	8.7%	0.025	-	204	20	6	-	1.00	0.11	4.00	-	204	2	23	-	230
>1,000,000	15	88.8%	8.7%	0.025	-	13	1	0	-	1.00	0.11	4.00	-	13	0	2	-	15
<b>Total</b>	<b>5,214</b>					<b>4,294</b>	<b>451</b>	<b>130</b>	<b>-</b>					<b>4,294</b>	<b>50</b>	<b>521</b>	<b>-</b>	<b>4,865</b>

<b>Phase V IOCs, except sulfate:</b>																		
<b>GRAND TOTAL</b>	<b>61,462</b>					<b>47,413</b>	<b>11,218</b>	<b>2,493</b>	<b>-</b>					<b>18,523</b>	<b>1,234</b>	<b>9,971</b>	<b>-</b>	<b>29,728</b>

Phase V IOCs, except sulfate (continued)							
Ground Water Systems, CWSs & NTNCWSs							
Size Category	Total Annual Sampling Events (carried forward from previous pg.)	Samples per Event (from B of "sampling pts")	Total Number of Samples per Year	Burden		Cost	
				Burden per Sample, hrs. (from "burden by chem")	Total Burden, hrs.	Cost per Sample, \$ (from "burden by chem")	Total Cost, \$
	E	F	G=E*F	H	I=G*H	J	K=G*J
0-100	9,101	1.15	10,421	0.5	5,211	\$29	\$299,066
101-500	8,638	1.15	9,890	0.5	4,945	\$29	\$283,827
501-1,000	2,561	1.40	3,586	0.5	1,793	\$29	\$102,911
1,001-3,300	2,678	1.40	3,749	0.5	1,875	\$29	\$107,602
3,301-10,000	1,209	1.80	2,171	0.5	1,085	\$29	\$62,289
10,001-50,000	578	2.93	1,695	0.5	847	\$29	\$48,637
50,001-100,000	64	2.93	188	0.5	94	\$29	\$5,389
100,001-1,000,000	31	8.79	276	0.5	138	\$29	\$7,917
>1,000,000	1	8.79	12	0.5	6	\$29	\$335
<b>Total</b>	<b>24,863</b>		<b>31,987</b>		<b>15,994</b>		<b>\$917,972</b>

Phase V IOCs, except sulfate (continued)							
Surface Water Systems, CWSs & NTNCWSs							
Size Category	Total Annual Sampling Events (carried forward from previous pg.)	Samples per Event (from B of "sampling pts")	Total Number of Samples per Year	Burden		Cost	
				Burden per Sample, hrs. (from "burden by chem")	Total Burden, hrs.	Cost per Sample, \$ (from "burden by chem")	Total Cost, \$
	E	F	G=E*F	H	I=G*H	J	K=G*J
0-100	497	1.12	557	0.5	278	\$29	\$15,974
101-500	707	1.12	792	0.5	396	\$29	\$22,731
501-1,000	372	1.19	441	0.5	221	\$29	\$12,664
1,001-3,300	856	1.19	1,015	0.5	507	\$29	\$29,120
3,301-10,000	1,008	1.27	1,275	0.5	638	\$29	\$36,598
10,001-50,000	962	2.29	2,203	0.5	1,102	\$29	\$63,228
50,001-100,000	218	2.29	498	0.5	249	\$29	\$14,297
100,001-1,000,000	230	4.24	973	0.5	487	\$29	\$27,929
>1,000,000	15	4.24	63	0.5	32	\$29	\$1,821
<b>Total</b>	<b>4,865</b>		<b>7,818</b>		<b>3,909</b>		<b>\$224,363</b>

Phase V IOCs, except sulfate							
<b>GRAND TOTAL</b>	<b>29,728</b>		<b>39,806</b>		<b>19,903</b>		<b>\$1,142,335</b>

Note: Burden estimates take into account the results of the February 2008 consultation with water industry representatives.

Diquat, Endothall, Glyphosate Ground Water Systems, CWSs & NTNCWSs																			
Size Category	# of Affected Systems (from C of "systems")	Percent of Systems by Scenario (from "% by scenario")				Number of Systems by Scenario				Annual Sampling Frequency by Scenario (from "frequency")				Annual Sampling Events by Scenario					
		B				C=A*B				D				E=C*D					
		Scen. 1 Below trigger & no waiver	Scen. 2 Below trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Scen. 1 Below trigger & no waiver	Scen. 2 Below trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Scen. 1 Below trigger & no waiver	Scen. 2 Below trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Scen. 1 Above trigger & no waiver	Scen. 2 Above trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Total	
0-100	20,590	14.4%	84.8%	0	0.008	2,968	17,458	-	165	0.33	-	4.00	1.67	979	-	-	275	1,254	
101-500	19,541	14.4%	84.8%	0	0.008	2,817	16,568	-	156	0.33	-	4.00	1.67	929	-	-	261	1,191	
501-1,000	5,795	14.4%	84.8%	0	0.008	835	4,913	-	46	0.33	-	4.00	1.67	276	-	-	77	353	
1,001-3,300	6,059	14.4%	84.8%	0	0.008	873	5,137	-	48	0.33	-	4.00	1.67	288	-	-	81	369	
3,301-10,000	2,736	14.4%	84.8%	0	0.008	394	2,319	-	22	0.67	-	4.00	1.67	264	-	-	37	301	
10,001-50,000	1,309	14.4%	84.8%	0	0.008	189	1,109	-	10	0.67	-	4.00	1.67	126	-	-	17	144	
50,001-100,000	145	14.4%	84.8%	0	0.008	21	123	-	1	0.67	-	4.00	1.67	14	-	-	2	16	
100,001-1,000,000	71	14.4%	84.8%	0	0.008	10	60	-	1	0.67	-	4.00	1.67	7	-	-	1	8	
>1,000,000	3	14.4%	84.8%	0	0.008	0	3	-	0	0.67	-	4.00	1.67	0	-	-	0	0	
<b>Total</b>	<b>56,248</b>					<b>8,107</b>	<b>47,690</b>	<b>-</b>	<b>450</b>					<b>2,884</b>	<b>-</b>	<b>-</b>	<b>751</b>	<b>3,636</b>	

Diquat, Endothall, Glyphosate Surface Water Systems, CWSs & NTNCWSs																			
Size Category	# of Affected Systems (from C of "systems")	Percent of Systems by Scenario (from "% by scenario")				Number of Systems by Scenario				Annual Sampling Frequency by Scenario (from "frequency")				Annual Sampling Events by Scenario					
		B				C=A*B				D				E=C*D					
		Scen. 1 Below trigger & no waiver	Scen. 2 Below trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Scen. 1 Below trigger & no waiver	Scen. 2 Below trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Scen. 1 Below trigger & no waiver	Scen. 2 Below trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Scen. 1 Above trigger & no waiver	Scen. 2 Above trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Total	
0-100	567	14.4%	55.3%	0	0.035	82	314	-	20	0.33	-	4.00	2.33	27	-	-	46	73	
101-500	807	14.4%	55.3%	0	0.035	116	446	-	28	0.33	-	4.00	2.33	38	-	-	66	104	
501-1,000	425	14.4%	55.3%	0	0.035	61	235	-	15	0.33	-	4.00	2.33	20	-	-	35	55	
1,001-3,300	977	14.4%	55.3%	0	0.035	141	541	-	34	0.33	-	4.00	2.33	46	-	-	80	126	
3,301-10,000	1,010	41.2%	55.3%	0	0.035	416	559	-	35	0.67	-	4.00	2.33	279	-	-	82	361	
10,001-50,000	964	41.2%	55.3%	0	0.035	397	533	-	34	0.67	-	4.00	2.33	266	-	-	79	345	
50,001-100,000	218	41.2%	55.3%	0	0.035	90	121	-	8	0.67	-	4.00	2.33	60	-	-	18	78	
100,001-1,000,000	230	41.2%	55.3%	0	0.035	95	127	-	8	0.67	-	4.00	2.33	63	-	-	19	82	
>1,000,000	15	41.2%	55.3%	0	0.035	6	8	-	1	0.67	-	4.00	2.33	4	-	-	1	5	
<b>Total</b>	<b>5,214</b>					<b>1,404</b>	<b>2,884</b>	<b>-</b>	<b>182</b>					<b>805</b>	<b>-</b>	<b>-</b>	<b>425</b>	<b>1,230</b>	

<b>Diquat, Endothall, Glyphosate:</b>																			
<b>GRAND TOTAL</b>	<b>61,462</b>					<b>9,512</b>	<b>50,575</b>	<b>-</b>	<b>632</b>					<b>3,689</b>	<b>-</b>	<b>-</b>	<b>1,177</b>	<b>4,866</b>	

Diquat, Endothall, Glyphosate (continued)							
Ground Water Systems, CWSs & NTNCWSs							
Size Category	Total Annual Sampling Events (carried forward from previous pg.)	Samples per Event (from B of "sampling pts")	Total Number of Samples per Year	Burden		Cost	
				Burden per Sample, hrs. (from "burden by chem")	Total Burden, hrs.	Cost per Sample, \$ (from "burden by chem")	Total Cost, \$
	E	F	G=E*F	H	I=G*H	J	K=G*J
0-100	1,254	1.15	1,436	0.5	718	\$287	\$412,205
101-500	1,191	1.15	1,363	0.5	682	\$287	\$391,202
501-1,000	353	1.40	494	0.5	247	\$287	\$141,843
1,001-3,300	369	1.40	517	0.5	258	\$287	\$148,308
3,301-10,000	301	1.80	540	0.5	270	\$287	\$154,911
10,001-50,000	144	2.93	421	0.5	211	\$287	\$120,959
50,001-100,000	16	2.93	47	0.5	23	\$287	\$13,403
100,001-1,000,000	8	8.79	69	0.5	34	\$287	\$19,689
>1,000,000	0	8.79	3	0.5	1	\$287	\$832
<b>Total</b>	<b>3,636</b>		<b>4,890</b>		<b>2,445</b>		<b>\$1,403,353</b>

Diquat, Endothall, Glyphosate (continued)							
Surface Water Systems, CWSs & NTNCWSs							
Size Category	Total Annual Sampling Events (carried forward from previous pg.)	Samples per Event (from B of "sampling pts")	Total Number of Samples per Year	Burden		Cost	
				Burden per Sample, hrs. (from "burden by chem")	Total Burden, hrs.	Cost per Sample, \$ (from "burden by chem")	Total Cost, \$
	E	F	G=E*F	H	I=G*H	J	K=G*J
0-100	73	1.12	82	0.5	41	\$287	\$23,541
101-500	104	1.12	117	0.5	58	\$287	\$33,499
501-1,000	55	1.19	65	0.5	33	\$287	\$18,664
1,001-3,300	126	1.19	150	0.5	75	\$287	\$42,915
3,301-10,000	361	1.27	457	0.5	228	\$287	\$131,106
10,001-50,000	345	2.29	789	0.5	395	\$287	\$226,505
50,001-100,000	78	2.29	178	0.5	89	\$287	\$51,217
100,001-1,000,000	82	4.24	349	0.5	174	\$287	\$100,050
>1,000,000	5	4.24	23	0.5	11	\$287	\$6,525
<b>Total</b>	<b>1,230</b>		<b>2,209</b>		<b>1,105</b>		<b>\$634,022</b>

Diquat, Endothall, Glyphosate			
<b>GRAND TOTAL</b>	<b>4,866</b>	<b>7,099</b>	<b>\$2,037,376</b>

Note: Burden estimates take into account the results of the February 2008 consultation with water industry representatives.

Oxymyl Ground Water Systems, CWSs & NTNCWSs																		
Size Category	# of Affected Systems (from C of "systems")	Percent of Systems by Scenario (from "% by scenario")				Number of Systems by Scenario				Annual Sampling Frequency by Scenario (from "frequency")				Annual Sampling Events by Scenario				
		B				C=A*B				D				E=C*D				
		Scen. 1 Below trigger & no waiver	Scen. 2 Below trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Scen. 1 Below trigger & no waiver	Scen. 2 Below trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Scen. 1 Below trigger & no waiver	Scen. 2 Below trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Scen. 1 Above trigger & no waiver	Scen. 2 Above trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Total
0-100	20,590	23.1%	76.8%	0	0.001	4,756	15,814	-	21	0.33	-	4.00	1.67	1,569	-	-	34	1,604
101-500	19,541	23.1%	76.8%	0	0.001	4,513	15,008	-	20	0.33	-	4.00	1.67	1,489	-	-	33	1,522
501-1,000	5,795	23.1%	76.8%	0	0.001	1,338	4,451	-	6	0.33	-	4.00	1.67	442	-	-	10	451
1,001-3,300	6,059	23.1%	76.8%	0	0.001	1,399	4,653	-	6	0.33	-	4.00	1.67	462	-	-	10	472
3,301-10,000	2,736	23.1%	76.8%	0	0.001	632	2,101	-	3	0.67	-	4.00	1.67	423	-	-	5	428
10,001-50,000	1,309	23.1%	76.8%	0	0.001	302	1,005	-	1	0.67	-	4.00	1.67	203	-	-	2	205
50,001-100,000	145	23.1%	76.8%	0	0.001	33	111	-	0	0.67	-	4.00	1.67	22	-	-	0	23
100,001-1,000,000	71	23.1%	76.8%	0	0.001	16	55	-	0	0.67	-	4.00	1.67	11	-	-	0	11
>1,000,000	3	23.1%	76.8%	0	0.001	1	2	-	0	0.67	-	4.00	1.67	0	-	-	0	0
<b>Total</b>	<b>56,248</b>					<b>12,992</b>	<b>43,200</b>	<b>-</b>	<b>56</b>					<b>4,622</b>	<b>-</b>	<b>-</b>	<b>94</b>	<b>4,716</b>

Oxymyl Surface Water Systems, CWSs & NTNCWSs																		
Size Category	# of Affected Systems (from C of "systems")	Percent of Systems by Scenario (from "% by scenario")				Number of Systems by Scenario				Annual Sampling Frequency by Scenario (from "frequency")				Annual Sampling Events by Scenario				
		B				C=A*B				D				E=C*D				
		Scen. 1 Below trigger & no waiver	Scen. 2 Below trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Scen. 1 Below trigger & no waiver	Scen. 2 Below trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Scen. 1 Below trigger & no waiver	Scen. 2 Below trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Scen. 1 Above trigger & no waiver	Scen. 2 Above trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Total
0-100	567	23.1%	35.3%	0	0	131	200	-	-	0.33	-	4.00	2.33	43	-	-	-	43
101-500	807	23.1%	35.3%	0	0	186	285	-	-	0.33	-	4.00	2.33	62	-	-	-	62
501-1,000	425	23.1%	35.3%	0	0	98	150	-	-	0.33	-	4.00	2.33	32	-	-	-	32
1,001-3,300	977	23.1%	35.3%	0	0	226	345	-	-	0.33	-	4.00	2.33	74	-	-	-	74
3,301-10,000	1,010	64.7%	35.3%	0	0	654	356	-	-	0.67	-	4.00	2.33	438	-	-	-	438
10,001-50,000	964	64.7%	35.3%	0	0	624	340	-	-	0.67	-	4.00	2.33	418	-	-	-	418
50,001-100,000	218	64.7%	35.3%	0	0	141	77	-	-	0.67	-	4.00	2.33	95	-	-	-	95
100,001-1,000,000	230	64.7%	35.3%	0	0	149	81	-	-	0.67	-	4.00	2.33	100	-	-	-	100
>1,000,000	15	64.7%	35.3%	0	0	10	5	-	-	0.67	-	4.00	2.33	7	-	-	-	7
<b>Total</b>	<b>5,214</b>					<b>2,219</b>	<b>1,840</b>	<b>-</b>	<b>-</b>					<b>1,269</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>1,269</b>

<b>Oxymyl:</b>																		
<b>GRAND TOTAL</b>	<b>61,462</b>					<b>15,210</b>	<b>45,040</b>	<b>-</b>	<b>56</b>					<b>5,891</b>	<b>-</b>	<b>-</b>	<b>94</b>	<b>5,984</b>

Oxymyl (continued)							
Ground Water Systems, CWSs & NTNCWSs							
Size Category	Total Annual Sampling Events (carried forward from previous pg.)	Samples per Event (from B of "sampling pts")	Total Number of Samples per Year	Burden		Cost	
				Burden per Sample, hrs. (from "burden by chem")	Total Burden, hrs.	Cost per Sample, \$ (from "burden by chem")	Total Cost, \$
	E	F	G=E*F	H	I=G*H	J	K=G*J
0-100	1,604	1.15	1,836	0.0	-	\$0	\$0
101-500	1,522	1.15	1,743	0.0	-	\$0	\$0
501-1,000	451	1.40	632	0.0	-	\$0	\$0
1,001-3,300	472	1.40	661	0.0	-	\$0	\$0
3,301-10,000	428	1.80	768	0.0	-	\$0	\$0
10,001-50,000	205	2.93	600	0.0	-	\$0	\$0
50,001-100,000	23	2.93	66	0.0	-	\$0	\$0
100,001-1,000,000	11	8.79	98	0.0	-	\$0	\$0
>1,000,000	0	8.79	4	0.0	-	\$0	\$0
<b>Total</b>	<b>4,716</b>		<b>6,408</b>		<b>-</b>		<b>\$0</b>

Oxymyl (continued)							
Surface Water Systems, CWSs & NTNCWSs							
Size Category	Total Annual Sampling Events (carried forward from previous pg.)	Samples per Event (from B of "sampling pts")	Total Number of Samples per Year	Burden		Cost	
				Burden per Sample, hrs. (from "burden by chem")	Total Burden, hrs.	Cost per Sample, \$ (from "burden by chem")	Total Cost, \$
	E	F	G=E*F	H	I=G*H	J	K=G*J
0-100	43	1.12	48	0.0	-	\$0	\$0
101-500	62	1.12	69	0.0	-	\$0	\$0
501-1,000	32	1.19	38	0.0	-	\$0	\$0
1,001-3,300	74	1.19	88	0.0	-	\$0	\$0
3,301-10,000	438	1.27	554	0.0	-	\$0	\$0
10,001-50,000	418	2.29	957	0.0	-	\$0	\$0
50,001-100,000	95	2.29	216	0.0	-	\$0	\$0
100,001-1,000,000	100	4.24	423	0.0	-	\$0	\$0
>1,000,000	7	4.24	28	0.0	-	\$0	\$0
<b>Total</b>	<b>1,269</b>		<b>2,422</b>		<b>-</b>		<b>\$0</b>

<b>Oxymyl</b>							
<b>GRAND TOTAL</b>	<b>5,984</b>		<b>8,830</b>		<b>-</b>		<b>\$0</b>

Note: Burden estimates take into account the results of the February 2008 consultation with water industry representatives.

Dinoseb Ground Water Systems, CWSs & NTNCWSs																		
Size Category	# of Affected Systems (from C of "systems")	Percent of Systems by Scenario (from "% by scenario")				Number of Systems by Scenario				Annual Sampling Frequency by Scenario (from "frequency")				Annual Sampling Events by Scenario				
		B				C=A*B				D				E=C*D				
		Scen. 1 Below trigger & no waiver	Scen. 2 Below trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Scen. 1 Below trigger & no waiver	Scen. 2 Below trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Scen. 1 Below trigger & no waiver	Scen. 2 Below trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Scen. 1 Above trigger & no waiver	Scen. 2 Above trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Total
0-100	20,590	22.3%	77.3%	0	0.004	4,598	15,910	-	82	0.33	-	4.00	1.67	1,517	-	-	138	1,655
101-500	19,541	22.3%	77.3%	0	0.004	4,364	15,099	-	78	0.33	-	4.00	1.67	1,440	-	-	131	1,571
501-1,000	5,795	22.3%	77.3%	0	0.004	1,294	4,478	-	23	0.33	-	4.00	1.67	427	-	-	39	466
1,001-3,300	6,059	22.3%	77.3%	0	0.004	1,353	4,682	-	24	0.33	-	4.00	1.67	446	-	-	40	487
3,301-10,000	2,736	22.3%	77.3%	0	0.004	611	2,114	-	11	0.67	-	4.00	1.67	409	-	-	18	428
10,001-50,000	1,309	22.3%	77.3%	0	0.004	292	1,011	-	5	0.67	-	4.00	1.67	196	-	-	9	205
50,001-100,000	145	22.3%	77.3%	0	0.004	32	112	-	1	0.67	-	4.00	1.67	22	-	-	1	23
100,001-1,000,000	71	22.3%	77.3%	0	0.004	16	55	-	0	0.67	-	4.00	1.67	11	-	-	0	11
>1,000,000	3	22.3%	77.3%	0	0.004	1	2	-	0	0.67	-	4.00	1.67	0	-	-	0	0
<b>Total</b>	<b>56,248</b>					<b>12,560</b>	<b>43,463</b>	<b>-</b>	<b>225</b>					<b>4,469</b>	<b>-</b>	<b>-</b>	<b>376</b>	<b>4,844</b>

Dinoseb Surface Water Systems, CWSs & NTNCWSs																		
Size Category	# of Affected Systems (from C of "systems")	Percent of Systems by Scenario (from "% by scenario")				Number of Systems by Scenario				Annual Sampling Frequency by Scenario (from "frequency")				Annual Sampling Events by Scenario				
		B				C=A*B				D				E=C*D				
		Scen. 1 Below trigger & no waiver	Scen. 2 Below trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Scen. 1 Below trigger & no waiver	Scen. 2 Below trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Scen. 1 Below trigger & no waiver	Scen. 2 Below trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Scen. 1 Above trigger & no waiver	Scen. 2 Above trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Total
0-100	567	22.3%	36.5%	0	0.025	127	207	-	14	0.33	-	4.00	2.33	42	-	-	33	75
101-500	807	22.3%	36.5%	0	0.025	180	295	-	20	0.33	-	4.00	2.33	59	-	-	47	107
501-1,000	425	22.3%	36.5%	0	0.025	95	155	-	11	0.33	-	4.00	2.33	31	-	-	25	56
1,001-3,300	977	22.3%	36.5%	0	0.025	218	357	-	24	0.33	-	4.00	2.33	72	-	-	57	129
3,301-10,000	1,010	61.0%	36.5%	0	0.025	616	369	-	25	0.67	-	4.00	2.33	413	-	-	59	471
10,001-50,000	964	61.0%	36.5%	0	0.025	588	352	-	24	0.67	-	4.00	2.33	394	-	-	56	450
50,001-100,000	218	61.0%	36.5%	0	0.025	133	80	-	5	0.67	-	4.00	2.33	89	-	-	13	102
100,001-1,000,000	230	61.0%	36.5%	0	0.025	140	84	-	6	0.67	-	4.00	2.33	94	-	-	13	107
>1,000,000	15	61.0%	36.5%	0	0.025	9	5	-	0	0.67	-	4.00	2.33	6	-	-	1	7
<b>Total</b>	<b>5,214</b>					<b>2,106</b>	<b>1,905</b>	<b>-</b>	<b>130</b>					<b>1,200</b>	<b>-</b>	<b>-</b>	<b>304</b>	<b>1,504</b>

<b>Dinoseb:</b>																			
<b>GRAND TOTAL</b>	<b>61,462</b>					<b>14,666</b>	<b>45,368</b>	<b>-</b>	<b>355</b>					<b>5,669</b>	<b>-</b>	<b>-</b>	<b>679</b>	<b>6,348</b>	

Dinoseb (continued)							
Ground Water Systems, CWSs & NTNCWSs							
Size Category	Total Annual Sampling Events (carried forward from previous pg.)	Samples per Event (from B of "sampling pts")	Total Number of Samples per Year	Burden		Cost	
				Burden per Sample, hrs. (from "burden by chem")	Total Burden, hrs.	Cost per Sample, \$ (from "burden by chem")	Total Cost, \$
	E	F	G=E*F	H	I=G*H	J	K=G*J
0-100	1,655	1.15	1,895	0.0	-	\$0	\$0
101-500	1,571	1.15	1,798	0.0	-	\$0	\$0
501-1,000	466	1.40	652	0.0	-	\$0	\$0
1,001-3,300	487	1.40	682	0.0	-	\$0	\$0
3,301-10,000	428	1.80	767	0.0	-	\$0	\$0
10,001-50,000	205	2.93	599	0.0	-	\$0	\$0
50,001-100,000	23	2.93	66	0.0	-	\$0	\$0
100,001-1,000,000	11	8.79	98	0.0	-	\$0	\$0
>1,000,000	0	8.79	4	0.0	-	\$0	\$0
<b>Total</b>	<b>4,844</b>		<b>6,562</b>		<b>-</b>		<b>\$0</b>

Dinoseb (continued)							
Surface Water Systems, CWSs & NTNCWSs							
Size Category	Total Annual Sampling Events (carried forward from previous pg.)	Samples per Event (from B of "sampling pts")	Total Number of Samples per Year	Burden		Cost	
				Burden per Sample, hrs. (from "burden by chem")	Total Burden, hrs.	Cost per Sample, \$ (from "burden by chem")	Total Cost, \$
	E	F	G=E*F	H	I=G*H	J	K=G*J
0-100	75	1.12	84	0.0	-	\$0	\$0
101-500	107	1.12	119	0.0	-	\$0	\$0
501-1,000	56	1.19	66	0.0	-	\$0	\$0
1,001-3,300	129	1.19	153	0.0	-	\$0	\$0
3,301-10,000	471	1.27	596	0.0	-	\$0	\$0
10,001-50,000	450	2.29	1,030	0.0	-	\$0	\$0
50,001-100,000	102	2.29	233	0.0	-	\$0	\$0
100,001-1,000,000	107	4.24	455	0.0	-	\$0	\$0
>1,000,000	7	4.24	30	0.0	-	\$0	\$0
<b>Total</b>	<b>1,504</b>		<b>2,767</b>		<b>-</b>		<b>\$0</b>

<b>Dinoseb</b>							
<b>GRAND TOTAL</b>	<b>6,348</b>		<b>9,328</b>		<b>-</b>		<b>\$0</b>

Note: Burden estimates take into account the results of the February 2008 consultation with water industry representatives.



Endrin, hexachlorobenzene, and hexachlorocyclopentadiene (continued)							
Ground Water Systems, CWSs & NTNCWSs							
Size Category	Total Annual Sampling Events (carried forward from previous pg.)	Samples per Event (from B of "sampling pts")	Total Number of Samples per Year	Burden		Cost	
				Burden per Sample, hrs. (from "burden by chem")	Total Burden, hrs.	Cost per Sample, \$ (from "burden by chem")	Total Cost, \$
	E	F	G=E*F	H	I=G*H	J	K=G*J
0-100	1,394	1.15	1,596	0.0	0	\$0	\$0
101-500	1,323	1.15	1,515	0.0	0	\$0	\$0
501-1,000	392	1.40	549	0.0	0	\$0	\$0
1,001-3,300	410	1.40	574	0.0	0	\$0	\$0
3,301-10,000	371	1.80	667	0.0	0	\$0	\$0
10,001-50,000	178	2.93	520	0.0	0	\$0	\$0
50,001-100,000	20	2.93	58	0.0	0	\$0	\$0
100,001-1,000,000	10	8.79	85	0.0	0	\$0	\$0
>1,000,000	0	8.79	4	0.0	0	\$0	\$0
<b>Total</b>	<b>4,098</b>		<b>5,567</b>		<b>0</b>		<b>\$0</b>

Endrin, hexachlorobenzene, and hexachlorocyclopentadiene (continued)							
Surface Water Systems, CWSs & NTNCWSs							
Size Category	Total Annual Sampling Events (carried forward from previous pg.)	Samples per Event (from B of "sampling pts")	Total Number of Samples per Year	Burden		Cost	
				Burden per Sample, hrs. (from "burden by chem")	Total Burden, hrs.	Cost per Sample, \$ (from "burden by chem")	Total Cost, \$
	E	F	G=E*F	H	I=G*H	J	K=G*J
0-100	170	1.12	190	0.0	0	\$0	\$0
101-500	242	1.12	271	0.0	0	\$0	\$0
501-1,000	127	1.19	151	0.0	0	\$0	\$0
1,001-3,300	293	1.19	347	0.0	0	\$0	\$0
3,301-10,000	592	1.27	749	0.0	0	\$0	\$0
10,001-50,000	565	2.29	1,294	0.0	0	\$0	\$0
50,001-100,000	128	2.29	293	0.0	0	\$0	\$0
100,001-1,000,000	135	4.24	572	0.0	0	\$0	\$0
>1,000,000	9	4.24	37	0.0	0	\$0	\$0
<b>Total</b>	<b>2,261</b>		<b>3,904</b>		<b>0</b>		<b>\$0</b>

<b>Endrin, hexachlorobenzene, and hexachlorocyclopentadiene</b>							
<b>GRAND TOTAL</b>	<b>6,359</b>		<b>9,471</b>		<b>-</b>		<b>\$0</b>

Note: Burden estimates take into account the results of the February 2008 consultation with water industry representatives.

Endrin, hexachlorobenzene, and hexachlorocyclopentadiene Ground Water Systems, CWSs & NTNCWSs																					
Size Category	# of Affected Systems (from C of "systems")	Percent of Systems by Scenario (from "% by scenario")				Number of Systems by Scenario				Annual Sampling Frequency by Scenario (from "frequency")				Annual Sampling Events by Scenario							
		A				B				C=A*B				D				E=C*D			
		Scen. 1 Below trigger & no waiver	Scen. 2 Below trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Scen. 1 Below trigger & no waiver	Scen. 2 Below trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Scen. 1 Below trigger & no waiver	Scen. 2 Below trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Scen. 1 Above trigger & no waiver	Scen. 2 Above trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Total			
0-100	20,590	20.0%	79.9%	0	0.001	4,120	16,450	-	21	0.33	-	4.00	1.67	1,360	-	-	34	1,394			
101-500	19,541	20.0%	79.9%	0	0.001	3,910	15,611	-	20	0.33	-	4.00	1.67	1,290	-	-	33	1,323			
501-1,000	5,795	20.0%	79.9%	0	0.001	1,160	4,629	-	6	0.33	-	4.00	1.67	383	-	-	10	392			
1,001-3,300	6,059	20.0%	79.9%	0	0.001	1,212	4,840	-	6	0.33	-	4.00	1.67	400	-	-	10	410			
3,301-10,000	2,736	20.0%	79.9%	0	0.001	547	2,185	-	3	0.67	-	4.00	1.67	367	-	-	5	371			
10,001-50,000	1,309	20.0%	79.9%	0	0.001	262	1,045	-	1	0.67	-	4.00	1.67	175	-	-	2	178			
50,001-100,000	145	20.0%	79.9%	0	0.001	29	116	-	0	0.67	-	4.00	1.67	19	-	-	0	20			
100,001-1,000,000	71	20.0%	79.9%	0	0.001	14	57	-	0	0.67	-	4.00	1.67	10	-	-	0	10			
>1,000,000	3	20.0%	79.9%	0	0.001	1	2	-	0	0.67	-	4.00	1.67	0	-	-	0	0			
<b>Total</b>	<b>56,248</b>					<b>11,255</b>	<b>44,936</b>	<b>-</b>	<b>56</b>					<b>4,004</b>	<b>-</b>	<b>-</b>	<b>94</b>	<b>4,098</b>			

Endrin, hexachlorobenzene, and hexachlorocyclopentadiene Surface Water Systems, CWSs & NTNCWSs																					
Size Category	# of Affected Systems (from C of "systems")	Percent of Systems by Scenario (from "% by scenario")				Number of Systems by Scenario				Annual Sampling Frequency by Scenario (from "frequency")				Annual Sampling Events by Scenario							
		A				B				C=A*B				D				E=C*D			
		Scen. 1 Below trigger & no waiver	Scen. 2 Below trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Scen. 1 Below trigger & no waiver	Scen. 2 Below trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Scen. 1 Below trigger & no waiver	Scen. 2 Below trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Scen. 1 Above trigger & no waiver	Scen. 2 Above trigger & waiver	Scen. 3 Above MCL	Scen. 4 Above trigger & below MCL	Total			
0-100	567	20.0%	37.8%	0.006	0.09	114	214	3	51	0.33	-	4.00	2.33	37	-	14	119	170			
101-500	807	20.0%	37.8%	0.006	0.09	162	305	5	73	0.33	-	4.00	2.33	53	-	19	169	242			
501-1,000	425	20.0%	37.8%	0.006	0.09	85	161	3	38	0.33	-	4.00	2.33	28	-	10	89	127			
1,001-3,300	977	20.0%	37.8%	0.006	0.09	196	370	6	88	0.33	-	4.00	2.33	65	-	23	205	293			
3,301-10,000	1,010	52.6%	37.8%	0.006	0.09	531	382	6	91	0.67	-	4.00	2.33	356	-	24	212	592			
10,001-50,000	964	52.6%	37.8%	0.006	0.09	507	364	6	87	0.67	-	4.00	2.33	340	-	23	202	565			
50,001-100,000	218	52.6%	37.8%	0.006	0.09	115	82	1	20	0.67	-	4.00	2.33	77	-	5	46	128			
100,001-1,000,000	230	52.6%	37.8%	0.006	0.09	121	87	1	21	0.67	-	4.00	2.33	81	-	6	48	135			
>1,000,000	15	52.6%	37.8%	0.006	0.09	8	6	0	1	0.67	-	4.00	2.33	5	-	0	3	9			
<b>Total</b>	<b>5,214</b>					<b>1,838</b>	<b>1,971</b>	<b>31</b>	<b>469</b>					<b>1,042</b>	<b>-</b>	<b>125</b>	<b>1,093</b>	<b>2,261</b>			

Endrin, hexachlorobenzene, and hexachlorocyclopentadiene:																		
<b>GRAND TOTAL</b>	<b>61,462</b>					<b>13,093</b>	<b>46,908</b>	<b>31</b>	<b>526</b>					<b>5,046</b>	<b>-</b>	<b>125</b>	<b>1,187</b>	<b>6,359</b>

**Exhibit 33 - Chemicals - Summary of Original and Revised Burden Estimates**

<b>Sampling Burden - Per Sample</b>		
<b>2004</b>		
<b>Burden</b>	<b>Task</b>	<b>Revised Burden</b>
<b>Phase II</b>		
0.5 hr	Phase II VOCs Sample	0.0 hrs
0.5 hr	Phase II SOCs Sample	1.0 hr
<b>Phase V</b>		
0.5 hr	PAH Benzo(a)pyrene Sample	0 hrs

## Appendix E

# Radionuclides Rule Spreadsheets

**Exhibit 1a - Radionuclides PWS Burden and Cost Summary**

<b>Requirement</b>	<b>Avg. 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>
Monitoring	52,110	70,556	35,278	\$1,083,643	\$6,896,661	N/A
<b>Total</b>	<b>52,110</b>	<b>70,556</b>	<b>35,278</b>	<b>\$1,083,643</b>	<b>\$6,896,661</b>	<b>N/A</b>

Note: Initial monitoring was completed under the previous ICR.

**Exhibit 1b - Radionuclides Primacy Agency Burden and Cost Summary**

<b>Requirement</b>	<b>Avg. 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>
Monitoring	57	70,556	4,233	\$181,184	N/A	N/A
<b>Total</b>	<b>57</b>	<b>70,556</b>	<b>4,233</b>	<b>\$181,184</b>	<b>N/A</b>	<b>N/A</b>

Note: Initial monitoring was completed under the previous ICR.

## Exhibit 2 - STATE BURDEN ASSOCIATED WITH RADIONUCLIDES MONITORING

### Monitoring Related Burden and Costs - Primacy Agencies

<b>Activity</b>	<b>Hours/1000 Analyses</b>	<b>Labor rate (\$/hr)</b>	<b>Total Cost/ 1000 Analyses</b>
Recordkeeping	12	42.80	\$ 514
Reporting	26	42.80	\$ 1,113
Compliance Tracking and Analysis	22	42.80	\$ 942
<b>Total</b>	<b>60</b>	<b>42.80</b>	<b>\$ 2,568</b>

Note: burden estimates are carried forward from estimates in the 2000 Radionuclides Rule ICR.

Burden estimates take into account the results of the February 2008 consultation with water industry representatives.

**Exhibit 3  
2000 GROSS ALPHA MONITORING**

	Years:				
	2008	2009	2010	2011	3-Yr.Avg
<b>GA&lt;3 SM GF<sup>1</sup></b>					
Sites per System	1.47	1.47	1.47	1.47	1.47
Sampling Frequency per Site	1	-	-	-	0.17
Systems	27,341	27,341	27,341	27,341	27,341
Total Samples	40,219	0	0	0	6,703
Cost per Sample	\$57	\$57	\$57	\$57	\$57
Total Cost	\$2,302,216	\$0	\$0	\$0	\$383,703
<b>GA&lt;3 LG GF<sup>2</sup></b>					
Sites per System	3.22	3.22	3.22	3.22	3.22
Sampling Frequency per Site	1	0	0	0	0.17
Systems	18,826	18,826	18,826	18,826	18,826
Total Samples	60,675	0	0	0	10,113
Cost per Sample	\$57	\$57	\$57	\$57	\$57
Total Cost	\$3,473,155	\$0	\$0	\$0	\$578,859
<b>3&lt;-GA&lt;7.5 SM GF<sup>3</sup></b>					
Sites per System	1.47	1.47	1.47	1.47	1.47
Sampling Frequency per Site	0	1	0	0	0.33
Systems	1,817	1,817	1,817	1,817	1,817
Total Samples	0	2,673	0	0	891
Cost per Sample	\$57	\$57	\$57	\$57	\$57
Total Cost	\$0	\$152,986	\$0	\$0	\$50,995
<b>3&lt;-GA&lt;7.5 LG GF<sup>4</sup></b>					
Sites per System	3.22	3.22	3.22	3.22	3.22
Sampling Frequency per Site	0	1	0	0	0.33
Systems	1,001	1,001	1,001	1,001	1,001
Total Samples	0	3,227	0	0	1,076
Cost per Sample	\$57	\$57	\$57	\$57	\$57
Total Cost	\$0	\$184,692	\$0	\$0	\$61,564
<b>7.5&lt;-GA&lt;15 SM GF<sup>5</sup></b>					
Sites per System	1.47	1.47	1.47	1.47	1.47
Sampling Frequency per Site	0	0	1	0	0.33
Systems	985	985	985	985	985
Total Samples	0	0	1,450	0	483
Cost per Sample	\$57	\$57	\$57	\$57	\$57
Total Cost	\$0	\$0	\$82,974	\$0	\$27,658
<b>7.5&lt;-GA&lt;15 LG GF<sup>6</sup></b>					
Sites per System	3.22	3.22	3.22	3.22	3.22
Sampling Frequency per Site	0	0	1	0	0.33
Systems	1,001	1,001	1,001	1,001	1,001
Total Samples	0	0	3,227	0	1,076
Cost per Sample	\$57	\$57	\$57	\$57	\$57
Total Cost	\$0	\$0	\$184,692	\$0	\$61,564
<b>GA&gt;15 AND AGA&lt;15 SM GF<sup>7</sup></b>					
Sites per System	1.47	1.47	1.47	1.47	1.47
Sampling Frequency per Site	1	0	0	0	0.17
Systems	431	431	431	431	431
Total Samples	635	0	0	0	106
Cost per Sample	\$57	\$57	\$57	\$57	\$57
Total Cost	\$36,327	\$0	\$0	\$0	\$6,054
<b>GA&gt;15 AND AGA&lt;15 LG GF<sup>8</sup></b>					
Sites per System	3.22	3.22	3.22	3.22	3.22
Sampling Frequency per Site	1	0	0	0	0.17
Systems	191	191	191	191	191
Total Samples	616	0	0	0	103
Cost per Sample	\$57	\$57	\$57	\$57	\$57
Total Cost	\$35,274	\$0	\$0	\$0	\$5,879
<b>GA&gt;15 and AGA&gt;15 SM NO GF<sup>9</sup></b>					
Sites per System	1.47	1.47	1.47	1.47	1.47
Sampling Frequency per Site	1	1	1	1	1
Systems	246	246	246	246	246
Total Samples	362	362	362	362	362
Cost per Sample	\$57	\$57	\$57	\$57	\$57
Total Cost	\$20,723	\$20,723	\$20,723	\$20,723	\$20,723
<b>GA&gt;15 and AGA&gt;15 LG NO GF<sup>10</sup></b>					
Sites per System	3.22	3.22	3.22	3.22	3.22
Sampling Frequency per Site	1	1	1	1	1
Systems	270	270	270	270	270
Total Samples	869	869	869	869	869
Cost per Sample	\$57	\$57	\$57	\$57	\$57
Total Cost	\$49,746	\$49,746	\$49,746	\$49,746	\$49,746
<b>2000 GROSS ALPHA SCENARIO 3</b>					
	Years:				
	2008	2009	2010	2011	3-Yr.Avg
Systems	52,110	52,110	52,110	52,110	52,110
Total Samples	103,376	7,130	5,907	1,231	21,780
Collection Burden (0.5 hrs/sample)	51,688	3,565	2,954	616	10,890
Total Cost	\$5,917,441	\$408,146	\$338,135	\$70,469	\$1,246,745

**Source:**

Total number of systems from October 2007 SDWIS.

Distribution of systems based on 2000 Radionuclides Rule ICR.

Number of sites (entry points) per system from analysis of 2000 CWSS data.

As defined in 2000 Radionuclides Rule ICR, small systems are those serving 10,000 or fewer. Large systems serve more than 10,000.

Sampling costs from 2000 Radionuclides Rule ICR, updated from \$1998 to \$2007.

**Notes:**

ICR period covers July 2008-June 2011.

1 - small systems with gross alpha < 3 and grandfathered data monitor every 9 years beginning in 2008

2 - large systems with gross alpha < 3 and grandfathered data monitor every 9 years beginning in 2009

3 - small systems with gross alpha between 3 and 7.5 and grandfathered data monitor every 6 years beginning in 2009

4 - large systems with gross alpha between 3 and 7.5 and grandfathered data monitor every 6 years beginning in 2009

5 - small systems with gross alpha between 7.5 and 15 and grandfathered data monitor every 3 years beginning in 2010

6 - large systems with gross alpha between 7.5 and 15 and grandfathered data monitor every 3 years beginning in 2010

7 - small systems with gross alpha higher than 15 and adjusted gross alpha less than 15 and grandfathered data monitor every 9 years beginning in 2008

8 - large systems with gross alpha higher than 15 and adjusted gross alpha lower than 15 and grandfathered data monitor every 9 years starting in 2008

9 - small systems with gross alpha higher than 15 and adjusted gross alpha higher than 15 are assumed not to grandfather data, and are assumed to monitor annually beginning in 2005

10 - large systems with gross alpha higher than 15 and adjusted gross alpha higher than 15 are assumed not to grandfather data and to monitor annually beginning in 2005

**Exhibit 4  
2000 GROSS BETA MONITORING**

	Years:				
	2008	2009	2010	2011	3-Yr.Avg
<b>Not Vulnerable<sup>1</sup></b>					
Sites per System	1.60	1.60	1.60	1.60	1.60
Samples per Site	0	0	0	0	0.00
Systems	50,025	50,025	50,025	50,025	50,025
Total Samples	0	0	0	0	0
Average Cost per Sample	\$57	\$57	\$57	\$57	\$57
Total Cost	\$0	\$0	\$0	\$0	\$0
<b>Vulnerable SW &gt; 100,000<sup>2</sup></b>					
Sites per System	4.24	4.24	4.24	4.24	4.24
Samples per Site	0	0	0	0	0.00
Systems	11	11	11	11	11
Total Samples	0	0	0	0	0
Average Cost per Sample	\$195	\$195	\$195	\$195	\$195
Total Cost	\$0	\$0	\$0	\$0	\$0
<b>Vulnerable w/o known contam., GB &lt; 4<sup>3</sup></b>					
Sites per System	1.60	1.60	1.60	1.60	1.60
Samples per Site	6	6	6	6	6.00
Systems	2,074	2,074	2,074	2,074	2,074
Total Samples	19,958	19,958	19,958	19,958	19,958
Average Cost per Sample	\$83	\$83	\$83	\$83	\$83
Total Cost	\$1,662,863	\$1,662,863	\$1,662,863	\$1,662,863	\$1,662,863
<b>Vulnerable w/o known contam., GB &gt; 4<sup>4</sup></b>					
Sites per System	1.60	1.60	1.60	1.60	1.60
Samples per Site	20	20	20	20	20.00
Systems	-	-	-	-	0
Total Samples	0	0	0	0	0
Average Cost per Sample	\$89	\$89	\$89	\$89	\$89
Total Cost	\$0	\$0	\$0	\$0	\$0
<b>Vulnerable w/ known contam.<sup>5</sup></b>					
Sites per System	1.60	1.60	1.60	1.60	1.60
Samples per Site	10	10	10	10	10.00
Systems	-	-	-	-	0
Total Samples	0	0	0	0	0
Average Cost per Sample	\$117	\$117	\$117	\$117	\$117
Total Cost	\$0	\$0	\$0	\$0	\$0

<b>2000 GROSS BETA</b>	Years:				
	2008	2009	2010	2011	3-Yr. Avg
<b>Systems</b>	52,110	52,110	52,110	52,110	<b>52,110</b>
<b>Total Samples</b>	19,958	19,958	19,958	19,958	<b>19,958</b>
<b>Collection Burden (0.5 hrs/sample)</b>	9,979	9,979	9,979	9,979	<b>9,979</b>
<b>Total Cost</b>	\$1,662,863	\$1,662,863	\$1,662,863	\$1,662,863	<b>\$1,662,863</b>

**Source:**

Total number of systems from October 2007 SDWIS  
 Distribution of systems based on 2000 Radionuclides Rule ICR  
 Number of sites (entry points) per system from analysis of 2000 CWSS data  
 Sampling costs from 2000 Radionuclides Rule ICR, updated from \$1998 to \$2007.

**Notes:**

- ICR period covers July 2008-June 2011.
- 1 - not vulnerable systems are not required to monitor
  - 2 - vulnerable SW systems serving more than 100,000 are not automatically required to monitor
  - 3 - vulnerable systems without known contamination and gross beta less than 4 take 6 samples per year beginning in 2004 (quarterly gross beta, 1 tritium, and 1 strontium)
  - 4 - vulnerable systems without known contamination and gross beta greater than 4 take 20 samples per year beginning in 2004 (monthly gross beta, quarterly tritium, and quarterly strontium)
  - 5 - vulnerable systems with known contamination take 10 samples a year beginning in 2004 (quarterly gross beta, quarterly iodine, 1 strontium, and 1 tritium)



**Exhibit 5  
2000 COMBINED RADIUM MONITORING**

	Years:				
	2008	2009	2010	2011	3-Yr.Avg
<b>GA&lt;5 and RA228&lt;2.5 and CR&lt;1 SM<sup>1</sup></b>					
Sites per System	1.47	1.47	1.47	1.47	1.47
Sampling Frequency per Site	1	0	0	0	0.17
Systems	22,944	22,944	22,944	22,944	22,944
Total Samples	33,751	-	-	-	5,625
Average Cost per Sample	\$140	\$140	\$140	\$140	\$140
Total Cost	\$4,722,516	\$0	\$0	\$0	\$787,086
<b>GA&lt;5 and RA228&lt;2.5 and CR&lt;1 LG<sup>2</sup></b>					
Sites per System	3.22	3.22	3.22	3.22	3.22
Sampling Frequency per Site	1	0	0	0	0.17
Systems	15,720	15,720	15,720	15,720	15,720
Total Samples	50,667	-	-	-	8,444
Average Cost per Sample	\$140	\$140	\$140	\$140	\$140
Total Cost	\$7,089,474	\$0	\$0	\$0	\$1,181,579
<b>GA&lt;5 and RA228&lt;2.5 and 1&lt;CR&lt;2.5 SM<sup>3</sup></b>					
Sites per System	1.47	1.47	1.47	1.47	1.47
Sampling Frequency per Site	0	1	0	0	0.33
Systems	5,477	5,477	5,477	5,477	5,477
Total Samples	0	8,057	0	0	2,686
Average Cost per Sample	\$140	\$140	\$140	\$140	\$140
Total Cost	\$0	\$1,127,377	\$0	\$0	\$375,792
<b>GA&lt;5 and RA228&lt;2.5 and 1&lt;CR&lt;2.5 LG<sup>4</sup></b>					
Sites per System	3.22	3.22	3.22	3.22	3.22
Sampling Frequency per Site	0	1	0	0	0.33
Systems	3,752	3,752	3,752	3,752	3,752
Total Samples	0	12,094	0	0	4,031
Average Cost per Sample	\$140	\$140	\$140	\$140	\$140
Total Cost	\$0	\$1,692,263	\$0	\$0	\$564,088
<b>GA&lt;5 and RA228&lt;2.5 and 2.5&lt;CR&lt;5 SM<sup>5</sup></b>					
Sites per System	1.47	1.47	1.47	1.47	1.47
Sampling Frequency per Site	0	0	1	0	0.33
Systems	948	948	948	948	948
Total Samples	0	0	1,394	0	465
Average Cost per Sample	\$140	\$140	\$140	\$140	\$140
Total Cost	\$0	\$0	\$195,057	\$0	\$65,019
<b>GA&lt;5 and RA228&lt;2.5 and 2.5&lt;CR&lt;5 LG<sup>6</sup></b>					
Sites per System	3.22	3.22	3.22	3.22	3.22
Sampling Frequency per Site	0	0	1	0	0.33
Systems	649	649	649	649	649
Total Samples	0	0	2,091	0	697
Average Cost per Sample	\$140	\$140	\$140	\$140	\$140
Total Cost	\$0	\$0	\$292,577	\$0	\$97,526

**Exhibit 5  
2000 COMBINED RADIIUM MONITORING**

GA<5 and RA228<2.5 and CR>5 SM <sup>7</sup>					
Sites per System	1.47	1.47	1.47	1.47	1.47
Sampling Frequency per Site	2	2	2	2	2.00
Systems	237	237	237	237	237
Total Samples	698	698	698	698	698
Average Cost per Sample	\$127	\$127	\$127	\$127	\$127
Total Cost	\$88,754	\$88,754	\$88,754	\$88,754	\$88,754
GA<5 and RA228<2.5 and CR>5 LG <sup>8</sup>					
Sites per System	3.22	3.22	3.22	3.22	3.22
Sampling Frequency per Site	2	2	2	2	2.00
Systems	163	163	163	163	163
Total Samples	1,049	1,049	1,049	1,049	1,049
Average Cost per Sample	\$127	\$127	\$127	\$127	\$127
Total Cost	\$133,391	\$133,391	\$133,391	\$133,391	\$133,391
GA<5 and RA228>2.5 and CR<1 SM <sup>9</sup>					
Sites per System	1.47	1.47	1.47	1.47	1.47
Sampling Frequency per Site	1	0	0	0	0.17
Systems	215	215	215	215	215
Total Samples	316	-	-	-	53
Average Cost per Sample	\$140	\$140	\$140	\$140	\$140
Total Cost	\$44,175	\$0	\$0	\$0	\$7,363
GA<5 and RA228>2.5 and CR<1 LG <sup>10</sup>					
Sites per System	3.22	3.22	3.22	3.22	3.22
Sampling Frequency per Site	1	-	-	-	0.17
Systems	215	215	215	215	215
Total Samples	692	-	-	-	115
Average Cost per Sample	\$140	\$140	\$140	\$140	\$140
Total Cost	\$96,789	\$0	\$0	\$0	\$16,132
GA<5 and RA228>2.5 and 1<CR<2.5 SM <sup>11</sup>					
Sites per System	1.47	1.47	1.47	1.47	1.47
Sampling Frequency per Site	0	1	0	0	0.33
Systems	51	51	51	51	51
Total Samples	-	75	-	-	25
Average Cost per Sample	\$140	\$140	\$140	\$140	\$140
Total Cost	\$0	\$10,489	\$0	\$0	\$3,496
GA<5 and RA228>2.5 and 1<CR<2.5 LG <sup>12</sup>					
Sites per System	3.22	3.22	3.22	3.22	3.22
Sampling Frequency per Site	0	1	0	0	0.33
Systems	51	51	51	51	51
Total Samples	-	164	-	-	55
Average Cost per Sample	\$140	\$140	\$140	\$140	\$140
Total Cost	\$0	\$22,982	\$0	\$0	\$7,661
GA<5 and RA228>2.5 and 2.5<CR<5 SM <sup>13</sup>					
Sites per System	1.47	1.47	1.47	1.47	1.47
Sampling Frequency per Site	0	0	1	0	0.33
Systems	9	9	9	9	9
Total Samples	-	-	13	-	4
Average Cost per Sample	\$140	\$140	\$140	\$140	\$140
Total Cost	\$0	\$0	\$1,815	\$0	\$605

**Exhibit 5  
2000 COMBINED RADIUM MONITORING**

GA<5 and RA228>2.5 and 2.5<CR<5 LG<sup>14</sup>

Sites per System	3.22	3.22	3.22	3.22	3.22
Sampling Frequency per Site	0	0	1	0	0.33
Systems	9	9	9	9	9
Total Samples	-	-	28	-	9
Average Cost per Sample	\$140	\$140	\$140	\$140	\$140
Total Cost	\$0	\$0	\$3,978	\$0	\$1,326

GA<5 and RA228>2.5 and CR>5 SM<sup>15</sup>

Sites per System	1.47	1.47	1.47	1.47	1.47
Sampling Frequency per Site	2	2	2	2	2.00
Systems	2	2	2	2	2
Total Samples	6	6	6	6	6
Average Cost per Sample	\$127	\$127	\$127	\$127	\$127
Total Cost	\$734	\$734	\$734	\$734	\$734

GA<5 and RA228>2.5 and CR>5 LG<sup>16</sup>

Sites per System	3.22	3.22	3.22	3.22	3.22
Sampling Frequency per Site	2	2	2	2	2.00
Systems	2	2	2	2	2
Total Samples	13	13	13	13	13
Average Cost per Sample	\$127	\$127	\$127	\$127	\$127
Total Cost	\$1,607	\$1,607	\$1,607	\$1,607	\$1,607

GA>5 and CR<1 w/GF SM<sup>17</sup>

Sites per System	1.47	1.47	1.47	1.47	1.47
Sampling Frequency per Site	2	0	0	0	0.33
Systems	246	246	246	246	246
Total Samples	724	0	0	0	121
Average Cost per Sample	\$127	\$127	\$127	\$127	\$127
Total Cost	\$92,055	\$0	\$0	\$0	\$15,342

GA>5 and CR<1 w/GF LG<sup>18</sup>

Sites per System	3.22	3.22	3.22	3.22	3.22
Sampling Frequency per Site	2	0	0	0	0.33
Systems	276	276	276	276	276
Total Samples	1,781	0	0	0	297
Average Cost per Sample	\$127	\$127	\$127	\$127	\$127
Total Cost	\$226,605	\$0	\$0	\$0	\$37,767

GA>5 and 1<CR<2.5 w/GF SM<sup>19</sup>

Sites per System	1.47	1.47	1.47	1.47	1.47
Sampling Frequency per Site	0	2	0	0	0.67
Systems	154	154	154	154	154
Total Samples	0	453	0	0	151
Average Cost per Sample	\$127	\$127	\$127	\$127	\$127
Total Cost	\$0	\$57,580	\$0	\$0	\$19,193

GA>5 and 1<CR<2.5 w/GF LG<sup>20</sup>

Sites per System	3.22	3.22	3.22	3.22	3.22
Sampling Frequency per Site	0	2	0	0	0.67
Systems	191	191	191	191	191
Total Samples	0	1232	0	0	411
Average Cost per Sample	\$127	\$127	\$127	\$127	\$127
Total Cost	\$0	\$156,695	\$0	\$0	\$52,232

**Exhibit 5  
2000 COMBINED RADIUM MONITORING**

GA>5 and 2.5<CR<5 w/GF SM<sup>21</sup>

Sites per System	1.47	1.47	1.47	1.47	1.47
Sampling Frequency per Site	0	0	2	0	0.67
Systems	92	92	92	92	92
Total Samples	0	0	271.0194324	0	90
Average Cost per Sample	\$127	\$127	\$127	\$127	\$127
Total Cost	\$0	\$0	\$34,475	\$0	\$11,492

GA>5 and 2.5<CR<5 w/GF LG<sup>22</sup>

Sites per System	3.22	3.22	3.22	3.22	3.22
Sampling Frequency per Site	0	0	2	0	0.67
Systems	85	85	85	85	85
Total Samples	0	0	550	0	183
Average Cost per Sample	\$127	\$127	\$127	\$127	\$127
Total Cost	\$0	\$0	\$69,910	\$0	\$23,303

GA>5 and CR>5 SM<sup>23</sup>

Sites per System	1.47	1.47	1.47	1.47	1.47
Sampling Frequency per Site	2	2	2	2	2.00
Systems	431	431	431	431	431
Total Samples	1,269	1,269	1,269	1,269	1,269
Average Cost per Sample	\$127	\$127	\$127	\$127	\$127
Total Cost	\$161,371	\$161,371	\$161,371	\$161,371	\$161,371

GA>5 and CR>5 LG<sup>24</sup>

Sites per System	3.22	3.22	3.22	3.22	3.22
Sampling Frequency per Site	2	2	2	2	2.00
Systems	191	191	191	191	191
Total Samples	1,232	1,232	1,232	1,232	1,232
Average Cost per Sample	\$127	\$127	\$127	\$127	\$127
Total Cost	\$156,695	\$156,695	\$156,695	\$156,695	\$156,695

2000 COMBINED RADIUMS SCENARIO 2	Years:				
	2008	2008	2010	2011	3-Yr.Avg
<b>Systems</b>	52,110	52,110	52,110	52,110	<b>52,110</b>
<b>Total Samples</b>	92,195	26,340	8,612	4,265	<b>27,727</b>
<b>Collection Burden (0.5 hrs/sample)</b>	46,097	13,170	4,306	2,133	<b>13,864</b>
<b>Total Cost</b>	\$12,814,166	\$3,609,937	\$1,140,363	\$542,552	<b>\$3,809,553</b>

**Exhibit 5**  
**2000 COMBINED RADIUM MONITORING**

**Source:**

Total number of systems from October 2007 SDWIS  
Distribution of systems based on 2000 Radionuclides Rule ICR  
Number of sites (entry points) per system from analysis of 2000 CWSS data

As defined in 2000 Radionuclides ICR, small systems are those serving 10,000 or fewer. Large systems serve more than 10,000.  
Sampling costs from 2000 Radionuclides Rule ICR, updated from \$1998 to \$2007.

**Notes:**

ICR period covers July 2008-June 2011.

- 1 - Small systems with gross alpha less than 5, Ra-228 less than 2.5 and combined radium less than 1 monitor Ra-228 every 9 years beginning in 2008
- 2 - Large systems with gross alpha less than 5, Ra-228 less than 2.5 and combined radium less than 1 monitor Ra-228 every 9 years beginning in 2008
- 3 - Small systems with gross alpha less than 5, Ra-228 less than 2.5 and combined radium between 1 and 2.5 monitor Ra-228 every 6 years beginning in 2009
- 4 - Large systems with gross alpha less than 5, Radium 228 less than 2.5 and combined radium between 1 and 2.5 monitor every 6 years beginning in 2009
- 5 - Small systems with gross alpha less than 5, Ra-228 less than 2.5 and combined radium between 2.5 and 5 monitor Ra-228 every 3 years beginning in 2010
- 6 - Large systems with gross alpha less than 5, Ra-228 less than 2.5 and combined radium between 2.5 and 5 monitor Ra-228 every 3 years beginning in 2010
- 7 - Small systems with gross alpha less than 5, Ra-228 less than 2.5 and combined radium greater than 5 monitor Ra-226 and Ra-228 annually beginning in 2005
- 8 - Large systems with gross alpha less than 5, Ra-228 less than 2.5 and combined radium greater than 5 monitor Ra-226 and Ra-228 annually beginning in 2005
- 9 - Small systems with gross alpha less than 5, Ra-228 greater than 2.5 and combined radium less than 1 monitor Ra-228 every 9 years beginning in 2008
- 10 - Large systems with gross alpha less than 5, Ra-228 greater than 2.5 and combined radium less than 1 monitor Ra-228 every 9 years beginning in 2008
- 11 - Small systems with gross alpha less than 5, Ra-228 greater than 2.5 and combined radium between 1 and 2.5 monitor Ra-228 every 6 years beginning in 2009
- 12 - Large systems with gross alpha less than 5, Ra-228 greater than 2.5 and combined radium between 1 and 2.5 monitor Ra-228 every 6 years beginning in 2009
- 13 - Small systems with gross alpha less than 5, Ra-228 greater than 2.5 and combined radium between 2.5 and 5 monitor Ra-228 every 3 years beginning in 2010
- 14 - Large systems with gross alpha less than 5, Ra-228 greater than 2.5 and combined radium between 2.5 and 5 monitor Ra-228 every 3 years beginning in 2010
- 15 - Small systems with gross alpha less than 5, Ra-228 greater than 2.5 and combined radium greater than 5 monitor Ra-226 and Ra-228 annually beginning in 2005
- 16 - Large systems with gross alpha less than 5, Ra-228 greater than 2.5 and combined radium greater than 5 monitor Ra-226 and Ra-228 annually beginning in 2005
- 17 - Small systems with gross alpha greater than 5 and combined radium less than 1 with grandfathered data monitor Ra-226 and Ra-228 every 9 years beginning in 2008
- 18 - Large system with gross alpha greater than 5 and combined radium less than 1 with grandfathered data monitor Ra-226 and Ra-228 every 9 years beginning in 2008
- 19 - Small systems with gross alpha greater than 5 and combined radium between 1 and 2.5 with grandfathered data monitor Ra-226 and Ra-228 every 6 years beginning in 2009
- 20 - Large system with gross alpha greater than 5 and combined radium between 1 and 2.5 with grandfathered data monitor Ra-226 and Ra-228 every 6 years beginning in 2009
- 21 - Small systems with gross alpha greater than 5 and combined radium between 2.5 and 5 with grandfathered data monitor Ra-226 and Ra-228 every 3 years beginning in 2010
- 22 - Large system with gross alpha greater than 5 and combined radium between 2.5 and 5 with grandfathered data monitor Ra-226 and Ra-228 every 3 years beginning in 2009
- 23 - Small systems with gross alpha greater than 5 and combined radium greater than 5 monitor Ra-226 and Ra-228 annually beginning in 2005
- 24 - Large systems with gross alpha greater than 5 and combined radium greater than 5 monitor Ra-226 and Ra-228 annually beginning in 2005

**Exhibit 6  
2000 URANIUM MONITORING**

	Years:				
	2008	2009	2010	2011	3-Yr.Avg
<b>GA&gt;15 AND U&lt;30 with GF<sup>1</sup></b>					
Sites per System	1.60	1.60	1.60	1.60	
Sampling Frequency per Site	0	0	0	1	0.17
Systems	299	299	299	299	299
Total Samples	0	0	0	480	80
Cost per Sample	\$163	\$163	\$163	\$163	\$163
Total Cost	\$0	\$0	\$0	\$78,139	\$13,023
<b>GA&gt;15 AND U&lt;30, No GF<sup>2</sup></b>					
Sites per System	1.60	1.60	1.60	1.60	
Sampling Frequency per Site	0	1	0	0	0.33
Systems	247	247	247	247	247
Total Samples	-	397	-	-	132
Cost per Sample	\$163	\$163	\$163	\$163	\$163
Total Cost	\$0	\$64,561	\$0	\$0	\$21,520
<b>GA&gt;15 and U&gt;30<sup>3</sup></b>					
Sites per System	1.60	1.60	1.60	1.60	
Sampling Frequency per Site	1	1	1	1	
Systems	547	547	547	547	547
Total Samples	878	878	878	878	878
Cost per Sample	\$163	\$163	\$163	\$163	\$163
Total Cost	\$142,956	\$142,956	\$142,956	\$142,956	\$142,956

	Years:				
	2008	2009	2010	2011	3-Yr.Avg
<b>2000 URANIUM SCENARIO 2</b>					
<b>Systems</b>	1,094	1,094	1,094	1,094	<b>1,094</b>
<b>Total Samples</b>	878	1,275	878	1,358	<b>1,090</b>
<b>Collection Burden (0.5 hrs/sample)</b>	439	637	439	679	<b>545</b>
<b>Total Cost</b>	\$142,956	\$207,517	\$142,956	\$221,095	<b>\$177,500</b>

**Source:**

Total number of systems from October 2007 SDWIS  
 Distribution of systems based on 2000 Radionuclides Rule ICR  
 Number of sites (entry points) per system from analysis of 2000 CWSS data  
 Sampling costs from 2000 Radionuclides Rule ICR, updated from \$1998 to \$2007.

**Notes:**

- ICR period covers July 2008-June 2011.  
 Assumes uranium monitoring not required for systems with gross alpha less than 15.  
 1 - Systems with gross alpha greater than 15 and uranium less than 30 and grandfathered data monitor every 3 years beginning in 2008  
 2 - System with gross alpha greater than 15 and uranium less than 30 with no grandfathered data monitor every 3 years beginning in 2009  
 3 - Systems with gross alpha greater than 15 and uranium greater than 30 monitor annually beginning in 2005

## **Exhibit 7 - Radionuclides - Summary of Original and Revised Burden Estimates**

No consultation comments were received on radionuclides burden estimates.

## Appendix F

### Disinfectant Residual Monitoring and Associated Activities under the Surface Water Treatment Rule Spreadsheets



### Exhibit 1a - SWTR Residual Monitoring PWS Burden and Cost Summary

Requirement	Avg. Annual Respondents	Avg. Annual Responses	Annual Burden	Annual Burden (Labor) Cost	Annual O&M Cost	Annual Capital Cost
Distribution System Residuals	14,010	1,727,156	143,930	\$4,421,128	\$43,940,130	N/A
Entry Point Residuals - Filtered Systems	13,950	6,810,682	864,714	\$26,561,647	\$1,066,076	\$4,513,697
Entry Point Residuals - Unfiltered Systems	60	31,996	5,333	\$163,804	\$20,300	\$40,669
<b>Total</b>	<b>14,010</b>	<b>8,569,835</b>	<b>1,013,976</b>	<b>\$31,146,579</b>	<b>\$45,026,506</b>	<b>\$4,554,366</b>

### Exhibit 1b - SWTR Residual Monitoring Primacy Agency Burden and Cost Summary

Requirement	Annual Respondents	Avg. Annual Responses	Annual Burden	Annual Burden (Labor) Cost	Annual O&M Cost	Annual Capital Cost
Residual Monitoring Review	57	168,116	271,310	\$11,611,818	N/A	N/A
<b>Total</b>	<b>57</b>	<b>168,116</b>	<b>271,310</b>	<b>\$11,611,818</b>	<b>N/A</b>	<b>N/A</b>

Note: State burden associated with SWTR residual derived from the original State Workload Model and apportioned based on the percentage of PWS burden associated with residual monitoring. The remaining SWTR state burden is discussed in the Microbial ICR.

**Exhibit 2 - Number of Routine TCR Samples Taken per Month by Surface/GWUDI Systems  
(Used to Determine Number of Disinfectant Samples in Distribution System)**

**SURFACE/GWUDI**

Population Range	Routine Samples Required	CWSS		NTNCWSS		TNCWSS		Total PWSs	
		Systems	Samples	Systems	Samples	Systems	Samples	Systems	Samples
	A	B	C=B*A	D	E=D*A	F	G=F*A	H=B+D+F	I=C+E+G
≤500	1	3,272	3,272	495	495	1,713	1,713	5,481	5480.55141
501-1k	1	1,167	1,167	88	88	82	82	1,337	1337.205566
1,001-2.5K	2	1,841	3,681	57	114	45	90	1,943	3885.28576
2,501-3.3K	3	617	1,852	11	33	11	33	639	1918.069324
3,301-4.1K	4	447	1,788	4	16	6	24	457	1828
4,101-4.9K	5	332	1,660	2	10	3	15	337	1685
4,901-5.8K	6	306	1,838	6	36	5	32	318	1905.994737
5,801-6.7K	7	273	1,911	2	14	4	28	279	1953
6,701-7.6K	8	192	1,536	3	24	0	0	195	1560
7,601-8.5K	9	184	1,656	0	0	0	0	184	1656
8,501-10k	10	292	2,920	3	30	4	40	299	2990
10,001-12.9k	10	352	3,520	2	20	1	10	355	3550
12,901-17.2K	15	425	6,375	2	30	1	15	428	6420
17,201-21.5K	20	265	5,300	0	0	0	0	265	5300
21,501-25K	25	169	4,225	0	0	0	0	169	4225
25,001-33K	30	270	8,100	1	30	1	30	272	8160
33,001-41K	40	215	8,600	0	0	0	0	215	8600
41,001-50K	50	132	6,600	2	75	0	0	134	6675
50,001-59K	60	119	7,140	0	0	0	0	119	7140
59,001-70K	70	104	7,280	0	0	0	0	104	7280
70,001-83K	80	73	5,840	1	80	0	0	74	5920
83,001-96K	90	65	5,850	0	0	0	0	65	5850
96,001-130K	100	94	9,400	0	0	0	0	94	9400
130,001-220K	120	116	13,920	1	120	1	120	118	14160
220,001-320K	150	52	7,800	0	0	0	0	52	7800
320,001-450K	180	27	4,860	0	0	0	0	27	4860
450,001-600K	210	12	2,520	0	0	0	0	12	2520
600,001-780K	240	12	2,880	0	0	0	0	12	2880
780,001-970K	270	5	1,350	0	0	0	0	5	1350
970,001-1,230K	300	7	2,100	0	0	0	0	7	2100
1,230,001-1,520K	330	4	1,320	0	0	0	0	4	1320
1,520,001-1,850K	360	5	1,800	0	0	0	0	5	1800
1,850,001-2,270K	390	1	390	0	0	1	390	2	780
2,270,001-3,020K	420	2	840	0	0	0	0	2	840
3,020,001-3,960K	450	0	0	0	0	0	0	0	0
Over 3,960K	480	2	960	0	0	0	0	2	960
		11,452	142,252	680	1,215	1,879	2,622	14,010	146,089

Source: Number of PWSs from SDWIS October 2007.

**Exhibit 3 - System Inventory and Entry Points**

Population Category	Systems (SW/GWUDI)			Unfiltered Surface Water/GWUDI			Filtered Surface Water/GWUDI		
	CWS	NTNC	TNC	CWS	NTNC	TNC	CWS	NTNC	TNC
	A	B	C	D	E	F	G	H	I
≤100	1,179	259	1,238	1	0	0	1,178	259	1,238
101-500	2,093	236	475	4	0	0	2,089	236	475
501-1000	1,167	88	82	3	0	0	1,164	88	82
1,001-3,300	2,458	68	56	15	0	0	2,443	68	56
3,301-10K	2,026	20	22	14	0	0	2,012	20	22
10,001-50K	1,828	6	3	14	0	0	1,814	6	3
50,001-100K	378	1	0	4	0	0	374	1	0
100,001-1M	306	1	1	4	0	0	302	1	1
>1M	16	0	1	1	0	0	15	0	1

Population Category	Entry Points Per System (SW/GWUDI)			Total Filtered Entry Points (SW/GWUDI)			Total Unfiltered Entry Points (SW/GWUDI)		
	CWS	NTNC	TNC	CWS	NTNC	TNC	CWS	NTNC	TNC
	J	K	L	M=G*J	N=H*K	O=I*L	P=D*J	Q=E*K	R=F*L
≤100	1.0	1.0	1.0	1,178	259	1,238	1	0	0
101-500	1.0	1.0	1.0	2,089	236	475	4	0	0
501-1,000	1.0	1.0	1.0	1,211	88	82	3	0	0
1,001-3,300	1.0	1.0	1.0	2,541	68	56	16	0	0
3,301-10K	1.1	1.0	1.0	2,113	20	22	15	0	0
10,001-50K	1.1	1.0	1.0	2,014	6	3	16	0	0
50,001-100K	1.1	1.0	1.0	415	1	0	4	0	0
100,001-1M	1.6	1.0	1.0	495	1	1	7	0	0
>1M	1.6	1.0	1.0	25	0	1	2	0	0

Source: Number of systems from SDWIS/FED data from October 2007. Source was not specified for some systems. These PWSs were assigned to SW or GW categories based on the ratio of SW to GW systems within a given size category. The number of unfiltered systems is from the economic analysis for the Long Term 2 Enhanced Surface Water Treatment Rule (December 2005). All other SW/GWUDI systems are assumed to filter.

Note: This inventory is based on the assumption that *all* SW/GWUDI systems will conduct monitoring for disinfectant residual, whether or not they purchase their water or treat their own. (The turbidity requirements of the Surface Water Treatment Rule, addressed in the Microbial Rules ICR, are assumed to apply only to systems that have treatment plants).

Entry pts: From Exhibit 5.1 of the Draft Final Model Systems Report prepared for EPA by the Cadmus Group, Inc., in March 2005. The exhibit is an analysis of data from the 2000 Community Water System Survey. Includes treated surface water entry points. The analysis excludes 2 outlier systems that had more than 100 entry points, as well as 27 systems that provided insufficient information on their treated entry points.

### Exhibit 4 - Distribution System Residual Monitoring Burden and Costs

**SW/GWUDI Systems**

Population Category	Hourly Labor Rate	Number of Systems			Annual Samples Required Per System <small>(Based on TCR schedule)</small>	Annual Calculation Burden Per System (hrs) <small>(5 min. per sample)</small>	O&M (Analytical) Cost Per Sample	Annual O&M (Analytical) Cost Per System	Average Annual Burden Hours	Average Annual Labor Cost	Average Annual O&M Cost
		CWS	NTNC	TNC							
	A	B	C	D	E	F=E*5/60	G	H=E*G	I=F(B+C+D)	J=I*A	K=H(B+C+D)
< 1000	\$30.72	4,439	583	1,795	12	1	\$25	\$305	6,818	\$209,424	\$2,081,394
1,001-3,300	\$30.72	2,458	68	56	27	2	\$25	\$686	5,803	\$178,262	\$1,771,685
3,301-10K	\$30.72	2,026	20	22	79	7	\$25	\$2,004	13,578	\$417,073	\$4,145,150
10,001-50K	\$30.72	1,828	6	3	280	23	\$25	\$7,133	42,925	\$1,318,539	\$13,104,521
50,001-100K	\$30.72	378	1	0	868	72	\$25	\$22,087	27,420	\$842,265	\$8,370,995
100,001-1M	\$30.72	306	1	1	1,611	134	\$25	\$40,995	41,359	\$1,270,424	\$12,626,326
>1M	\$30.72	16	0	1	4,255	355	\$25	\$108,239	6,027	\$185,141	\$1,840,059
<b>Total</b>		<b>11,452</b>	<b>680</b>	<b>1,878</b>					<b>143,930</b>	<b>\$4,421,128</b>	<b>\$43,940,130</b>

Source: Burden carried forward from the 1993 PWSS Program ICR. O&M costs based on figures from the Stage 1 DBPR ICR, inflated to 2007 dollars. Number of samples based on requirements for monthly TCR sampling (see Exhibit 2). Burden associated with sampling itself is addressed under the Microbial Rules ICR in the section on the TCR. Note that the burden for disinfectant residual monitoring is underestimated because it does not include disinfectant residual measured during repeat sampling.

**Exhibit 5 - Entry Point Residual Monitoring Burden and Labor Costs (Filtered Systems)**

**Filtered SW/GWUDI Systems**

Population Category	Hourly Labor Rate	Number of Filtered Entry Points			% Cont. Monitoring	Annual Calculations Required Per Entry Point- Cont. Monitoring	Annual Calculations Required Per Entry Point - Grab Sampling	Annual Calc/Reporting Burden Per Entry Point - Cont. Monitoring (hrs)	Annual Calc/Reporting Burden Per Entry Point - Grab Sampling (hrs)	Average Annual Burden Hours	Average Annual Labor Cost
		CWS	NTNC	TNC							
	A	B	C	D	E	F	G	H=F*5.5/60 (5.5 min. per calc.)	I=G*10/60 (10.0 min. per calc.)	J	K=J*A
≤ 500	\$30.72	3,267	495	1,713	50%	365	365	33	61	258,151	\$7,929,688
501-1,000	\$30.72	1,211	88	82	50%	365	730	33	122	107,096	\$3,289,705
1,001-2,500	\$30.72	1,270	34	28	50%	365	1,095	33	183	143,866	\$4,419,162
2,501-3,300	\$30.72	1,270	34	28	50%	365	1,460	33	243	184,391	\$5,663,996
3,301-10K	\$30.72	2,113	20	22	100%	365	N/A	33	N/A	72,111	\$2,215,063
10,001-50K	\$30.72	2,014	6	3	100%	365	N/A	33	N/A	67,680	\$2,078,957
50,001-100K	\$30.72	415	1	0	100%	365	N/A	33	N/A	13,923	\$427,687
100,001-1M	\$30.72	495	1	1	100%	365	N/A	33	N/A	16,638	\$511,079
>1M	\$30.72	25	0	1	100%	365	N/A	33	N/A	857	\$26,310
<b>Total</b>		<b>12,080</b>	<b>680</b>	<b>1,878</b>						<b>864,714</b>	<b>\$26,561,647</b>

Source: Burden carried forward from the 1993 PWSS Program ICR. Burden estimates also take into account results of February 2008 consultations with water industry representatives.

[B] - [D] Number of filtered entry points from System Inventory and Entry Points sheet (see Exhibit 3).

[E] Assumes 50 percent of systems serving 3,300 or less will conduct grab sampling and the other 50 percent will conduct continuous monitoring.

[G] According to 40 CFR 141.74(c)(2), systems conducting grab sampling and serving 500 or less must sample once per day. Systems serving 501-1,000 must sample twice a day. Systems serving 1,001-2,500 must take 3 samples a day. Systems serving 2,501-3,300 must take 4 samples a day.

[I] Burden for collecting grab samples addressed in the Microbial Rules ICR under the section on SWTR and turbidity monitoring.

[J] = (B+C+D)(E\*H+(1-E)\*I)

**Exhibit 6 - Entry Point Residual Monitoring O&M and Capital Costs (Filtered Systems)**

**Filtered SW/GWUDI Systems**

Population Category	Number of Filtered Entry Points			% Cont. Monitoring	Calculations/Entry Point/Year - Cont. Monitoring	Calculations/Entry Point/Year - Grab Sampling	O&M Unit Costs		Annual O&M Costs		Capital Unit Costs		Annual Capital Costs	
	CWS	NTNC	TNC				Continuous Monitoring	Grab Sampling	Continuous Monitoring	Grab Sampling	Continuous Monitoring	Grab Sampling	Continuous Monitoring	Grab Sampling
							Materials (per calc.)	Materials (per calc.)	Unit O&M costs * # Entry Points * # Samples	Unit O&M costs * # Entry Points * # Samples	In-line Analyzer	Bench-Top Unit	1/7 of systems replace per year	1/7 of systems replace per year
< 500	3,267	495	1,713	50%	365	365	\$0.16	\$0.16	\$156,419	\$156,419	\$3,025	\$361	\$1,182,976	\$141,279
501-1000	1,211	88	82	50%	365	730	\$0.16	\$0.16	\$39,444	\$78,888	\$3,025	\$361	\$298,310	\$35,626
1,001-2,500	1,270	34	28	50%	365	1095	\$0.16	\$0.16	\$38,061	\$114,182	\$3,025	\$361	\$287,848	\$34,377
2,501-3,300	1,270	34	28	50%	365	1460	\$0.16	\$0.16	\$38,061	\$152,243	\$3,025	\$361	\$287,848	\$34,377
3,301-10K	2,113	20	22	100%	365	N/A	\$0.16	\$0.16	\$123,137	N/A	\$3,025	N/A	\$931,268	N/A
10,001-50K	2,014	6	3	100%	365	N/A	\$0.16	\$0.16	\$115,571	N/A	\$3,025	N/A	\$874,046	N/A
50,001-100K	415	1	0	100%	365	N/A	\$0.16	\$0.16	\$23,776	N/A	\$3,025	N/A	\$179,811	N/A
100,001-1M	495	1	1	100%	365	N/A	\$0.16	\$0.16	\$28,411	N/A	\$3,025	N/A	\$214,870	N/A
>1M	25	0	1	100%	365	N/A	\$0.16	\$0.16	\$1,463	N/A	\$3,025	N/A	\$11,062	N/A
<b>Total</b>	<b>12,080</b>	<b>680</b>	<b>1,878</b>						<b>\$564,343</b>	<b>\$501,733</b>			<b>\$4,268,038</b>	<b>\$245,659</b>

Source: Number of filtered entry points from System Inventory and Entry Points sheet (Exhibit 3).

Note: O&M and capital unit costs updated from \$2000 to \$2007

**Exhibit 7 - Entry Point Residual Monitoring Burden and Labor Costs (Unfiltered Systems)**

**Unfiltered SW/GWUDI Systems**

Population Category	Hourly Labor Rate	Number of Unfiltered Entry Points			% Cont. Monitoring	Annual Calculations Required Per Entry Point- Cont. Monitoring	Annual Calculations Required Per Entry Point - Grab Sampling	Annual Calc/Reporting Burden Per Entry Point - Cont. Monitoring (hrs)	Annual Calc/Reporting Burden Per Entry Point - Grab Sampling (hrs)	Average Annual Burden Hours	Average Annual Labor Cost
		CWS	NTNC	TNC							
	A	B	C	D	E	F	G	H (10 min. per calc.)	I (10 min. per calc.)	J	K=J*A
≤ 500	\$30.72	5	0	0	50%	365	365	61	61	304	\$9,343
501-1,000	\$30.72	3	0	0	50%	365	730	61	122	285	\$8,745
1,001-2,500	\$30.72	8	0	0	50%	365	1,095	61	183	949	\$29,151
2,501-3,300	\$30.72	8	0	0	50%	365	1,460	61	243	1,186	\$36,438
3,301-10K	\$30.72	15	0	0	100%	365	N/A	61	N/A	894	\$27,469
10,001-50K	\$30.72	16	0	0	100%	365	N/A	61	N/A	945	\$29,039
50,001-100K	\$30.72	4	0	0	100%	365	N/A	61	N/A	270	\$8,297
100,001-1M	\$30.72	7	0	0	100%	365	N/A	61	N/A	399	\$12,258
>1M	\$30.72	2	0	0	100%	365	N/A	61	N/A	100	\$3,065
<b>Total</b>		<b>67</b>	<b>0</b>	<b>0</b>						<b>5,333</b>	<b>\$163,804</b>

Source: Burden carried forward from the 1993 PWSS Program ICR. The calculation and reporting burden is higher for unfiltered systems because they must determine CT (i.e., calculate whether required disinfection has been achieved).

[E] Assumes 50 percent of systems serving 3,300 or less will conduct grab sampling and the other 50 percent will conduct continuous monitoring.

[G] According to 40 CFR 141.74(b)(5), systems conducting grab sampling and serving 500 or less must sample once per day. Systems serving 501-1,000 must sample twice a day.

[H]-[I] Includes burden for recording pH and temperature (used to calculate CT). Burden for collecting grab samples addressed in the Microbial Rules ICR under the section or SWTR and turbidity monitoring.

[J] = (B+C+D)(E\*H+(1-E)\*I)

**Exhibit 8 - Entry Point Residual Monitoring O&M and Capital Costs (Unfiltered Systems)**

Unfiltered SW/GWUDI Systems

Residual Analyzers

Population Category	Number of Unfiltered Entry Points			% Cont. Monitoring	Calculations/Entry Point/Year - Cont. Monitoring	Calculations/Entry Point/Year - Grab Sampling	O&M Unit Costs		Annual O&M Costs		Capital Unit Costs		Annual Capital Costs			
	CWS	NTNC	TNC				Continuous Monitoring	Grab Sampling	Continuous Monitoring	Grab Sampling	Continuous Monitoring	Grab Sampling	Continuous Monitoring	Grab Sampling	Continuous Monitoring	Grab Sampling
A	B	C	D	E	F	G	H	I	J	K	L	M	N			
< 500	5	0	0	50%	365	365	\$0.16	\$0.16	\$143	\$143	\$3,025	\$361	\$1,080	\$129		
501-1,000	3	0	0	50%	365	730	\$0.16	\$0.16	\$89	\$178	\$3,025	\$361	\$674	\$81		
1,001-2,500	8	0	0	50%	365	1095	\$0.16	\$0.16	\$223	\$668	\$3,025	\$361	\$1,685	\$201		
2,501-3,300	8	0	0	50%	365	1460	\$0.16	\$0.16	\$223	\$891	\$3,025	\$361	\$1,685	\$201		
3,301-10K	15	0	0	100%	365	N/A	\$0.16	\$0.16	\$840	N/A	\$3,025	N/A	\$6,352	N/A		
10,001-50K	16	0	0	100%	365	N/A	\$0.16	\$0.16	\$888	N/A	\$3,025	N/A	\$6,715	N/A		
50,001-100K	4	0	0	100%	365	N/A	\$0.16	\$0.16	\$254	N/A	\$3,025	N/A	\$1,918	N/A		
100,001-1M	7	0	0	100%	365	N/A	\$0.16	\$0.16	\$375	N/A	\$3,025	N/A	\$2,835	N/A		
>1M	2	0	0	100%	365	N/A	\$0.16	\$0.16	\$94	N/A	\$3,025	N/A	\$709	N/A		
<b>Total</b>	<b>67</b>	<b>0</b>	<b>0</b>						<b>\$3,127</b>	<b>\$1,881</b>			<b>\$23,653</b>	<b>\$612</b>		

pH Monitors

Population Category	Number of Unfiltered Entry Points			% Cont. Monitoring	Calculations/Entry Point/Year - Cont. Monitoring	Calculations/Entry Point/Year - Grab Sampling	O&M Unit Costs		Annual O&M Costs		Capital Unit Costs		Annual Capital Costs			
	CWS	NTNC	TNC				Continuous Monitoring	Grab Sampling	Continuous Monitoring	Grab Sampling	Continuous Monitoring	Grab Sampling	Continuous Monitoring	Grab Sampling	Continuous Monitoring	Grab Sampling
A	B	C	D	E	F	G	H	I	J	K	L	M	N			
< 500	5	0	0	50%	365	365	\$217	\$289	\$542	\$722	\$1,939	\$734	\$692	\$262		
501-1,000	3	0	0	50%	365	730	\$217	\$289	\$338	\$451	\$1,939	\$734	\$432	\$164		
1,001-2,500	8	0	0	50%	365	1095	\$217	\$289	\$845	\$1,127	\$1,939	\$734	\$1,080	\$409		
2,501-3,300	8	0	0	50%	365	1460	\$217	\$289	\$845	\$1,127	\$1,939	\$734	\$1,080	\$409		
3,301-10K	15	0	0	100%	365	N/A	\$217	\$289	\$3,186	N/A	\$1,939	N/A	\$4,071	N/A		
10,001-50K	16	0	0	100%	365	N/A	\$217	\$289	\$3,368	N/A	\$1,939	N/A	\$4,304	N/A		
50,001-100K	4	0	0	100%	365	N/A	\$217	\$289	\$962	N/A	\$1,939	N/A	\$1,230	N/A		
100,001-1M	7	0	0	100%	365	N/A	\$217	\$289	\$1,422	N/A	\$1,939	N/A	\$1,817	N/A		
>1M	2	0	0	100%	365	N/A	\$217	\$289	\$355	N/A	\$1,939	N/A	\$454	N/A		
<b>Total</b>	<b>67</b>	<b>0</b>	<b>0</b>						<b>\$11,864</b>	<b>\$3,427</b>			<b>\$15,160</b>	<b>\$1,244</b>		

Source: Number of unfiltered entry points based on System Inventory and Entry Points sheet (see Exhibit 3).  
 Note: O&M and capital unit costs updated from \$2000 to \$2007.



**Exhibit 9 - Surface Water Treatment Rule - Summary of Original and Revised Burden Estimates**

<b>Entry Point Residual Monitoring Burden Per Calculation (Filtered Systems)</b>		
<b>2004 Burden</b>	<b>Task</b>	<b>Revised Burden</b>
5.5 min	Calc/Reporting - Grab Sampling	10.0 min

# Appendix G

## Arsenic Rule Spreadsheets

**Exhibit 1a - Arsenic Rule PWS Burden and Cost Summary**

<b>Requirement</b>	<b>Avg. 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>
Sampling	23,650	28,210	98,735	\$3,032,855	\$1,903,814	N/A
<b>Total</b>	<b>23,650</b>	<b>28,210</b>	<b>98,735</b>	<b>\$3,032,855</b>	<b>\$1,903,814</b>	<b>N/A</b>

**Exhibit 1b - Arsenic Rule Primacy Agency Burden and Cost Summary**

<b>Requirement</b>	<b>Avg. 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>
Sampling Recordkeeping	57	28,210	28,210	\$1,207,357	N/A	N/A
<b>Total</b>	<b>57</b>	<b>28,210</b>	<b>28,210</b>	<b>1,207,357</b>	<b>N/A</b>	<b>N/A</b>

## Exhibit 2 - System Inventory and Average Number of Entry Points

Size Category	Number of Non-Purchased Systems						Number of Entry Points per System			Composited Entry Points per System		
	CWSs		NTNCWSs		CWSs + NTNCWSs		CWSs		NTNCWSs	CWSs		NTNCWSs
	A	B	C	D	E=A+C	F=B+D	G	H	I	J=(G*0.5)+(I*0.5)	K=(H*0.5)+(I*0.5)	L=I
	GW	SW	GW	SW	GW	SW	GW	SW	GW & SW	GW	SW	GW & SW
0-100	12,091	1,179	8,873	259	20,963	1,439	1.3	1.2	1.0	1.1	1.1	1.0
101-500	13,919	2,093	6,666	236	20,585	2,329	1.3	1.2	1.0	1.1	1.1	1.0
501-1,000	4,511	1,167	1,741	88	6,252	1,255	1.8	1.4	1.0	1.4	1.2	1.0
1,001-3,300	5,770	2,458	765	68	6,535	2,526	1.8	1.4	1.0	1.4	1.2	1.0
3,301-10,000	2,796	2,026	100	20	2,896	2,046	2.6	1.5	1.0	1.8	1.3	1.0
10,001-50,000	1,347	1,828	15	6	1,362	1,834	2.9	2.3	1.0	2.9	2.3	1.0
50,001-100,000	149	378	-	1	149	379	2.9	2.3	1.0	2.9	2.3	1.0
100,001-1,000,000	73	306	-	1	73	307	8.8	4.2	1.0	8.8	4.2	1.0
>1,000,000	3	16	-	-	3	16	8.8	4.2	1.0	8.8	4.2	1.0
<b>Total</b>	<b>40,658</b>	<b>11,452</b>	<b>18,160</b>	<b>679</b>	<b>58,817</b>	<b>12,132</b>						

Sources:

[A]-[D] SDWIS/FED data from October 2007. Source was not specified for some systems. These PWSs were assigned to SW or GW categories based on the ratio of SW to GW systems within a given size category.

[G]-[H] From Exhibits 5.1 and 5.2 of the Draft Final Model Systems Report prepared for EPA by The Cadmus Group, Inc., in March 2005. The exhibits are an analysis of data from the 2000 Community Water System Survey. Includes both treated and untreated entry points. Excludes 2 outlier systems that had more than 100 entry points, as well as 27 systems that provided insufficient information on their treated entry

[I] EPA assumption.

[J]-[K] Assumed that 50% of systems serving <10,000 people will composite all of their samples. EPA experience regarding large systems (serving >10,000 people) is that they generally do not composite samples.

**Exhibit 3 - Arsenic Monitoring Burden and Costs - CWSs**

**Ground Water CWSs**

Population Category	Hourly Labor Rate	Number of Systems	% Exceeding MCL	% Exceeding 50% of MCL	% Receiving Waiver	Number of Systems Receiving Waiver	Total Samples by Year				Average Annual Samples	Collection Burden per Sample (hrs)	Reporting Burden per Sample (hrs)	Average Annual Sampling Burden (hrs)	Average Annual Sampling Labor Cost	O&M Cost per Sample	Average Annual O&M Cost	Average Annual Respondents	Average Annual Responses
							2008	2009	2010	2011									
							A	B	C	D									
0-100	\$30.72	12,091	5.33%	11.99%	35.20%	4,256	1,912	-	8,970	-	3,309	2.5	1.0	11,581	\$ 355,730	\$ 59.12	\$ 195,603	2,565	3,309
101-500	\$30.72	13,919	5.33%	11.99%	35.20%	4,900	2,202	-	10,327	-	3,809	2.5	1.0	13,332	\$ 409,536	\$ 59.12	\$ 225,189	2,953	3,809
501-1,000	\$30.72	4,511	5.33%	11.99%	35.20%	1,588	872	-	4,092	-	1,509	2.5	1.0	5,283	\$ 162,274	\$ 59.12	\$ 89,229	839	1,509
1,001-3,300	\$30.72	5,770	5.33%	11.99%	35.20%	2,031	1,116	-	5,234	-	1,931	2.5	1.0	6,758	\$ 207,577	\$ 59.12	\$ 114,139	1,073	1,931
3,301-10,000	\$30.72	2,796	5.33%	11.99%	35.20%	984	693	-	3,252	-	1,199	2.5	1.0	4,198	\$ 128,945	\$ 59.12	\$ 70,902	463	1,199
10,001-50,000	\$30.72	1,347	5.33%	11.99%	35.20%	474	545	-	2,557	-	943	2.5	1.0	3,302	\$ 101,415	\$ 59.12	\$ 55,765	322	943
50,001-100,000	\$30.72	149	5.33%	11.99%	35.20%	52	60	-	283	-	104	2.5	1.0	365	\$ 11,218	\$ 59.12	\$ 6,168	36	104
100,001-1,000,000	\$30.72	73	5.33%	11.99%	35.20%	26	89	-	416	-	153	2.5	1.0	537	\$ 16,488	\$ 59.12	\$ 9,066	17	153
>1,000,000	\$30.72	3	5.33%	11.99%	35.20%	1	4	-	17	-	6	2.5	1.0	22	\$ 678	\$ 59.12	\$ 373	1	6
<b>Total</b>		<b>40,658</b>				<b>14,313</b>	<b>7,494</b>	<b>-</b>	<b>35,148</b>	<b>-</b>	<b>12,965</b>			<b>45,377</b>	<b>\$ 1,393,862</b>		<b>\$ 766,434</b>	<b>8,268</b>	<b>12,965</b>

Note: Burden estimates take into account the results of the February 2008 consultation with water industry representatives.

[C], [D] Percentage of systems exceeding the MCL is from model results in the 2000 Arsenic Rule ICR quality for a waiver.

[G] Assumes that those systems that exceeded the MCL during initial monitoring in 2007 will each take 4 samples per entry point for one year. Assumes that they will return to compliance in following years.

[I] Assumes that those ground water systems that do not receive waivers will monitor every 3 years.

[K] The ICR period covers July 2008-June 2011.

[P] Sampling cost (including shipping) based on 2000 Arsenic Rule ICR, updated to \$2007.

[R] = [K] divided by number of entry points per system

**Surface Water CWSs**

Population Category	Hourly Labor Rate	Number of Systems	% Exceeding MCL	% Exceeding 50% of MCL	% Receiving Waiver	Number of Systems Receiving Waiver	Total Samples by Year				Average Annual Samples	Collection Burden per Sample (hrs)	Reporting Burden per Sample (hrs)	Average Annual Sampling Burden (hrs)	Average Annual Sampling Labor Cost	O&M Cost per Sample	Average Annual O&M Cost	Average Annual Respondents	Average Annual Responses
							2008	2009	2010	2011									
							A	B	C	D									
0-100	\$30.72	1,179	1.12%	2.96%	38.82%	458	808	808	808	808	808	2.5	1.0	2,829	\$ 86,893	\$ 59.12	\$ 47,779	652	808
101-500	\$30.72	2,093	1.12%	2.96%	38.82%	812	1,434	1,434	1,434	1,434	1,434	2.5	1.0	5,019	\$ 154,171	\$ 59.12	\$ 84,773	1,156	1,434
501-1,000	\$30.72	1,167	1.12%	2.96%	38.82%	453	846	846	846	846	846	2.5	1.0	2,962	\$ 90,982	\$ 59.12	\$ 50,028	618	846
1,001-3,300	\$30.72	2,458	1.12%	2.96%	38.82%	954	1,782	1,782	1,782	1,782	1,782	2.5	1.0	6,237	\$ 191,589	\$ 59.12	\$ 105,348	1,301	1,782
3,301-10,000	\$30.72	2,026	1.12%	2.96%	38.82%	787	1,568	1,568	1,568	1,568	1,568	2.5	1.0	5,489	\$ 168,620	\$ 59.12	\$ 92,718	1,025	1,568
10,001-50,000	\$30.72	1,828	1.12%	2.96%	38.82%	710	2,561	2,561	2,561	2,561	2,561	2.5	1.0	8,964	\$ 275,360	\$ 59.12	\$ 151,410	1,118	2,561
50,001-100,000	\$30.72	378	1.12%	2.96%	38.82%	147	530	530	530	530	530	2.5	1.0	1,854	\$ 56,940	\$ 59.12	\$ 31,309	231	530
100,001-1,000,000	\$30.72	306	1.12%	2.96%	38.82%	119	794	794	794	794	794	2.5	1.0	2,778	\$ 85,345	\$ 59.12	\$ 46,928	187	794
>1,000,000	\$30.72	16	1.12%	2.96%	38.82%	6	42	42	42	42	42	2.5	1.0	145	\$ 4,462	\$ 59.12	\$ 2,454	10	42
<b>Total</b>		<b>11,452</b>				<b>4,445</b>	<b>10,365</b>	<b>10,365</b>	<b>10,365</b>	<b>10,365</b>	<b>10,365</b>			<b>36,278</b>	<b>\$ 1,114,361</b>		<b>\$ 612,747</b>	<b>6,299</b>	<b>10,365</b>

Note: Burden estimates take into account the results of the February 2008 consultation with water industry representatives.

[C], [D] Percent of systems exceeding the MCL is from model results in the 2000 Arsenic Rule ICR

[E] Percentage of systems receiving a waiver is based on occurrence estimates in *Arsenic Occurrence in Public Water Supplies* and is carried over from 2000 Arsenic Rule ICR. Twenty states (40 percent) are known to have adequate historical data to grant waivers. Therefore, EPA assumes that 40 percent of systems with levels below 50 percent of the MCL will qualify for a waiver.

[G]-[J] Assumes that those surface water systems that do not receive waivers will monitor annually.

[K] The ICR period covers July 2008-June 2011.

[P] Sampling cost (including shipping) based on 2000 Arsenic Rule ICR, updated to \$2007.

[R] = [K] divided by number of entry points per system

**Exhibit 4 - Arsenic Monitoring Burden and Costs - NTCWSSs**

**Ground Water NTCWSSs**

Population Category	Hourly Labor Rate	Number of Systems	% Exceeding MCL	% Exceeding 50% of MCL	% Receiving Waiver	Number of Systems Receiving Waiver	Total Samples by Year				Average Annual Samples	Collection Burden per Sample (hrs)	Reporting Burden per Sample (hrs)	Average Annual Sampling Burden (hrs)	Average Annual Sampling Labor Cost	O&M Cost per Sample	Average Annual O&M Cost	Average Annual Respondents	Average Annual Responses
							2008	2009	2010	2011									
A	B	C	D	E=(1-D)*0.4	F=B*E	G	H	I	J	K=(G/2+H+I+J/2)/3	L	M	N=(L+M)*K	O=A*N	P	Q=K*P	R	S=K	
0-100	\$30.72	8,873	6.14%	14.20%	34.32%	3,045	1,432	-	5,828	-	2,181	2.5	1.0	7,634	\$ 234,497	\$ 59.12	\$ 128,942	7,634	2,181
101-500	\$30.72	6,666	6.14%	14.20%	34.32%	2,288	1,076	-	4,378	-	1,639	2.5	1.0	5,735	\$ 176,174	\$ 59.12	\$ 96,872	5,735	1,639
501-1,000	\$30.72	1,741	6.14%	14.20%	34.32%	598	281	-	1,143	-	428	2.5	1.0	1,498	\$ 46,013	\$ 59.12	\$ 25,301	1,498	428
1,001-3,300	\$30.72	765	6.14%	14.20%	34.32%	263	123	-	502	-	188	2.5	1.0	658	\$ 20,216	\$ 59.12	\$ 11,116	658	188
3,301-10,000	\$30.72	100	6.14%	14.20%	34.32%	34	16	-	66	-	25	2.5	1.0	86	\$ 2,643	\$ 59.12	\$ 1,453	86	25
10,001-50,000	\$30.72	15	6.14%	14.20%	34.32%	5	2	-	10	-	4	2.5	1.0	13	\$ 388	\$ 59.12	\$ 213	13	4
50,001-100,000	\$30.72	0	6.14%	14.20%	34.32%	-	-	-	-	-	-	2.5	1.0	0	\$ -	\$ 59.12	\$ -	0	0
100,001-1,000,000	\$30.72	0	6.14%	14.20%	34.32%	-	-	-	-	-	-	2.5	1.0	0	\$ -	\$ 59.12	\$ -	0	0
>1,000,000	\$30.72	0	6.14%	14.20%	34.32%	-	-	-	-	-	-	2.5	1.0	0	\$ -	\$ 59.12	\$ -	0	0
<b>Total</b>		<b>18,159</b>				<b>6,233</b>	<b>2,931</b>	<b>-</b>	<b>11,927</b>	<b>-</b>	<b>4,464</b>			<b>15,624</b>	<b>\$ 479,931</b>		<b>\$ 263,897</b>	<b>15,624</b>	<b>4,464</b>

Note: Burden estimates take into account the results of the February 2008 consultation with water industry representatives.

[C], [D] Percentage of systems exceeding the MCL is from model results in the 2000 Arsenic Rule ICR systems with levels below 50 percent of the MCL will qualify for a waiver.

[G] Assumes that those systems that exceeded the MCL during initial monitoring in 2007 will each take 4 samples per entry point for one year. Assumes that they will return to compliance in following years.

[I] Assumes that those ground water systems that do not receive waivers will monitor every 3 years.

[K] The ICR period covers July 2008-June 2011.

[P] Sampling cost (including shipping) based on 2000 Arsenic Rule ICR, updated to \$2007.

[R] = [K] divided by number of entry points per system

**Surface Water NTCWSSs**

Population Category	Hourly Labor Rate	Number of Systems	% Exceeding MCL	% Exceeding 50% of MCL	% Receiving Waiver	Number of Systems Receiving Waiver	Total Samples by Year				Average Annual Samples	Collection Burden per Sample (hrs)	Reporting Burden per Sample (hrs)	Average Annual Sampling Burden (hrs)	Average Annual Sampling Labor Cost	O&M Cost per Sample	Average Annual O&M Cost	Average Annual Respondents	Average Annual Responses
							2008	2009	2010	2011									
A	B	C	D	E=(1-D)*0.4	F=B*E	G	H	I	J	K=(G/2+H+I+J/2)/3	L	M	N=(L+M)*K	O=A*N	P	Q=K*P	R	S=K	
0-100	\$30.72	259	1.12%	2.96%	38.82%	101	159	159	159	159	159	2.5	1.0	555	\$ 17,050	\$ 59.12	\$ 9,375	555	159
101-500	\$30.72	236	1.12%	2.96%	38.82%	92	144	144	144	144	144	2.5	1.0	505	\$ 15,524	\$ 59.12	\$ 8,536	505	144
501-1,000	\$30.72	88	1.12%	2.96%	38.82%	34	54	54	54	54	54	2.5	1.0	188	\$ 5,789	\$ 59.12	\$ 3,183	188	54
1,001-3,300	\$30.72	68	1.12%	2.96%	38.82%	26	42	42	42	42	42	2.5	1.0	146	\$ 4,478	\$ 59.12	\$ 2,462	146	42
3,301-10,000	\$30.72	20	1.12%	2.96%	38.82%	8	12	12	12	12	12	2.5	1.0	43	\$ 1,316	\$ 59.12	\$ 723	43	12
10,001-50,000	\$30.72	6	1.12%	2.96%	38.82%	2	4	4	4	4	4	2.5	1.0	13	\$ 413	\$ 59.12	\$ 227	13	4
50,001-100,000	\$30.72	1	1.12%	2.96%	38.82%	0	1	1	1	1	1	2.5	1.0	2	\$ 66	\$ 59.12	\$ 36	2	1
100,001-1,000,000	\$30.72	1	1.12%	2.96%	38.82%	0	1	1	1	1	1	2.5	1.0	2	\$ 66	\$ 59.12	\$ 36	2	1
>1,000,000	\$30.72	0	1.12%	2.96%	38.82%	-	-	-	-	-	-	2.5	1.0	0	\$ -	\$ 59.12	\$ -	0	0
<b>Total</b>		<b>680</b>				<b>264</b>	<b>416</b>	<b>416</b>	<b>416</b>	<b>416</b>	<b>416</b>			<b>1,455</b>	<b>\$ 44,701</b>		<b>\$ 24,580</b>	<b>1,455</b>	<b>416</b>

Note: Burden estimates take into account the results of the February 2008 consultation with water industry representatives.

[C], [D] Percent of systems exceeding the MCL is from model results in the 2000 Arsenic Rule ICR

[E] Percentage of systems receiving a waiver is based on occurrence estimates in *Arsenic Occurrence in Public Water Supplies* and is carried over from 2000 Arsenic Rule ICR. Twenty states (40 percent) are known to have adequate historical data to grant waivers. Therefore, EPA assumes that 40 percent of systems with levels below 50 percent of the MCL will qualify for a waiver.

[G]-[J] Assumes that those surface water systems that do not receive waivers will monitor annually.

[K] The ICR period covers July 2008-June 2011.

[P] Sampling cost (including shipping) based on 2000 Arsenic Rule ICR, updated to \$2007.

[R] = [K] divided by number of entry points per system

**Exhibit 5 - Primacy Agency Burden and Costs**

**Sampling Recordkeeping**

Population Category	Hourly Labor Rate	Average Annual Submitted Sampling Results (2005-2007)	Total Samples by Year				Record-keeping Burden per Sample (hrs)	Average Annual Record-keeping Burden(hrs)	Average Annual Record-Keeping Labor Cost	O&M Cost per Record	Average Annual O&M Cost	Average Annual Respondents	Average Annual Responses
			2008	2009	2010	2011							
	A	$B=(C/2+D+E+F/2)/3$	C	D	E	F	G	$H=G*(C/2+D+E+F/2)/3$	$I=H*A$	J	K	L	M=B
0-100	\$42.80	6,457	4,311	967	15,764	967	1.0	6,456.8	\$ 276,344	\$ -	\$ -	57	6,457
101-500	\$42.80	7,026	4,856	1,578	16,283	1,578	1.0	7,026.4	\$ 300,722	\$ -	\$ -	57	7,026
501-1,000	\$42.80	2,837	2,053	900	6,136	900	1.0	2,837.5	\$ 121,441	\$ -	\$ -	57	2,837
1,001-3,300	\$42.80	3,943	3,063	1,824	7,560	1,824	1.0	3,942.5	\$ 168,736	\$ -	\$ -	57	3,943
3,301-10,000	\$42.80	2,805	2,290	1,581	4,898	1,581	1.0	2,804.6	\$ 120,034	\$ -	\$ -	57	2,805
10,001-50,000	\$42.80	3,512	3,113	2,565	5,132	2,565	1.0	3,512.0	\$ 150,310	\$ -	\$ -	57	3,512
50,001-100,000	\$42.80	635	591	530	813	530	1.0	634.6	\$ 27,159	\$ -	\$ -	57	635
100,001-1,000,000	\$42.80	948	883	794	1,210	794	1.0	947.8	\$ 40,565	\$ -	\$ -	57	948
>1,000,000	\$42.80	48	45	42	59	42	1.0	47.8	\$ 2,046	\$ -	\$ -	57	48
<b>Total</b>		<b>28,210</b>	<b>21,205</b>	<b>10,781</b>	<b>57,856</b>	<b>10,781</b>		<b>28,210</b>	<b>\$ 1,207,357</b>		<b>\$ -</b>	<b>57</b>	<b>28,210</b>

Notes:

The ICR covers the period July 2008-June 2011.

Burden estimates take into account the results of the February 2008 consultation with water industry representatives.

[C]-[F] Number of samples equals total number of samples taken by CWSs and NTNCWSs each year.

**Exhibit 6 - Arsenic Rule - Summary of Original and Revised Burden Estimates**

<b>Arsenic Monitoring Burden</b>		
<b>2004 Burden</b>	<b>Task</b>	<b>Revised Burden</b>
1.0 hrs	Collection - Per Sample	2.5 hrs



## Appendix H

### Lead and Copper Rule Spreadsheets

**Exhibit 1 - TAP MONITORING FOR LEAD & COPPER - SYSTEM INVENTORY**

**GROUND WATER: CWSs**

Size Category	Total Systems
<100	12,091
101-500	13,919
501-1K	4,511
1K-3.3K	5,770
3.3K-10K	2,796
10K-25K	977
25K-50K	370
50K-75K	118
75K-100K	31
100K-500K	69
500K-1M	4
> 1M	3
<b>TOTAL:</b>	<b>40,658</b>

**SURFACE WATER: CWSs**

Size Category	Total Systems
<100	1,179
101-500	2,093
501-1K	1,167
1K-3.3K	2,458
3.3K-10K	2,026
10K-25K	1,211
25K-50K	617
50K-75K	252
75K-100K	126
100K-500K	276
500K-1M	30
> 1M	16
<b>TOTAL:</b>	<b>11,452</b>

**GROUND WATER: NTNCWSs**

Size Category	Total Systems
<100	8,873
101-500	6,666
501-1K	1,741
1K-3.3K	765
3.3K-10K	100
10K-25K	9
25K-50K	6
50K-75K	0
75K-100K	0
100K-500K	0
500K-1M	0
> 1M	0
<b>TOTAL:</b>	<b>18,159</b>

**SURFACE WATER: NTNCWSs**

Size Category	Total Systems
<100	259
101-500	236
501-1K	88
1K-3.3K	68
3.3K-10K	20
10K-25K	4
25K-50K	2
50K-75K	1
75K-100K	0
100K-500K	1
500K-1M	0
> 1M	0
<b>TOTAL:</b>	<b>680</b>

**GROUND WATER: ALL SYSTEMS**

Size Category	Total Systems
<100	20,963
101-500	20,585
501-1K	6,252
1K-3.3K	6,535
3.3K-10K	2,896
10K-25K	986
25K-50K	376
50K-75K	118
75K-100K	31
100K-500K	69
500K-1M	4
> 1M	3
<b>TOTAL:</b>	<b>58,818</b>

**SURFACE WATER: ALL SYSTEMS**

Size Category	Total Systems
<100	1,439
101-500	2,329
501-1K	1,255
1K-3.3K	2,526
3.3K-10K	2,046
10K-25K	1,215
25K-50K	619
50K-75K	253
75K-100K	126
100K-500K	277
500K-1M	30
> 1M	16
<b>TOTAL:</b>	<b>12,131</b>

Source: SDWIS/FED Data from October 2007

**Exhibit 2 - TAP MONITORING FOR LEAD & COPPER - LABOR RATES**

State Labor Rate \$42.80

System Labor Rates	
<100	\$30.72
101-500	\$30.72
501-1K	\$30.72
1K-3.3K	\$30.72
3.3K-10K	\$30.72
10K-25K	\$30.72
25K-50K	\$30.72
50K-75K	\$30.72
75K-100K	\$30.72
100K-500K	\$30.72
500K-1M	\$30.72
> 1M	\$30.72

**PWS Labor Rate**  
 Base (Hourly) \$17.87  
 Load Factor 1.6  
 Inflation Factor 1.07  
 Total \$30.72

2006\$ BLS SOC Code 51-8031, "Local Government - Water and Liquid Waste Treatment Plant and System Operators"

108.4 ECI December 2007\*  
 100.9 ECI June 2006\*

**State Labor Rate**  
 Base (Hourly) \$24.92  
 Load Factor 1.6  
 Inflation Factor 1.07  
 Total \$42.80

2006\$ BLS SOC Code 19-2041, "State Government - Environmental Scientists and Specialists, Including Health"

108.2 ECI September 2007\*\*  
 100.8 ECI June 2006\*\*

\* Source: Employment Cost Index Historical Listing Current-dollar March 2001 - December 2007, Total Compensation, Not Seasonally Adjusted, Index Number, State & Local Government, All Workers, Table 7.

\*\* Source: Employment Cost Index Historical Listing Current-dollar March 2001 - December 2007, Total Compensation, Not Seasonally Adjusted, Index Number, State & Local Government, Professional & Related, Table 7.

**Exhibit 3 - TAP MONITORING FOR LEAD & COPPER - MONITORING, BURDEN, AND COST ASSUMPTIONS**

GROUND WATER: CWSS										
Size Category	Total Systems	Avg. # of Samples per Mon. Event (Regular Schedule)	Avg. # of Samples per Mon. Event (Reduced Schedule)	Average Labor Hrs. For Collection and Analysis (Per Sample)	Labor Rate For Collection	Average O&M Cost Per Sample	Total Average Labor Cost Per Mon. Event (Regular Sched.)	Total Average Labor Cost Per Mon. Event (Reduced Sched.)	Total Average O&M Cost Per Mon. Event (Regular Sched.)	Total Average O&M Cost Per Mon. Event (Reduced Sched.)
<100	12,091	5	5	4.0	\$ 30.72	\$ 6.61	\$ 614.35	\$ 614.35	\$ 33.06	\$ 33.06
101-500	13,919	10	5	4.0	\$ 30.72	\$ 6.61	\$ 1,228.69	\$ 614.35	\$ 66.12	\$ 33.06
501-1K	4,511	20	10	4.0	\$ 30.72	\$ 6.61	\$ 2,457.38	\$ 1,228.69	\$ 132.23	\$ 66.12
1K-3.3K	5,770	20	10	4.0	\$ 30.72	\$ 6.61	\$ 2,457.38	\$ 1,228.69	\$ 132.23	\$ 66.12
3.3K-10K	2,796	40	20	4.0	\$ 30.72	\$ 6.61	\$ 4,914.76	\$ 2,457.38	\$ 264.47	\$ 132.23
10K-25K	977	60	30	4.0	\$ 30.72	\$ 6.61	\$ 7,372.15	\$ 3,686.07	\$ 396.70	\$ 198.35
25K-50K	370	60	30	4.0	\$ 30.72	\$ 6.61	\$ 7,372.15	\$ 3,686.07	\$ 396.70	\$ 198.35
50K-75K	118	60	30	4.0	\$ 30.72	\$ 6.61	\$ 7,372.15	\$ 3,686.07	\$ 396.70	\$ 198.35
75K-100K	31	60	30	4.0	\$ 30.72	\$ 6.61	\$ 7,372.15	\$ 3,686.07	\$ 396.70	\$ 198.35
100K-500K	69	100	50	4.0	\$ 30.72	\$ 6.61	\$ 12,286.91	\$ 6,143.45	\$ 661.17	\$ 330.58
500K-1M	4	100	50	4.0	\$ 30.72	\$ 6.61	\$ 12,286.91	\$ 6,143.45	\$ 661.17	\$ 330.58
> 1M	3	100	50	4.0	\$ 30.72	\$ 6.61	\$ 12,286.91	\$ 6,143.45	\$ 661.17	\$ 330.58
<b>TOTAL:</b>	<b>40,658</b>									
GROUND WATER: NTNCWSS										
Size Category	Total Systems	Avg. # of Samples per Mon. Event (Regular Schedule)	Avg. # of Samples per Mon. Event (Reduced Schedule)	Average Labor Hrs. For Collection and Analysis (Per Sample)	Labor Rate For Collection	Average O&M Cost Per Sample	Total Average Labor Cost Per Mon. Event (Regular Sched.)	Total Average Labor Cost Per Mon. Event (Reduced Sched.)	Total Average O&M Cost Per Mon. Event (Regular Sched.)	Total Average O&M Cost Per Mon. Event (Reduced Sched.)
<100	8,873	5	5	4.0	\$ 30.72	\$ 6.61	\$ 614.35	\$ 614.35	\$ 33.06	\$ 33.06
101-500	6,666	10	5	4.0	\$ 30.72	\$ 6.61	\$ 1,228.69	\$ 614.35	\$ 66.12	\$ 33.06
501-1K	1,741	20	10	4.0	\$ 30.72	\$ 6.61	\$ 2,457.38	\$ 1,228.69	\$ 132.23	\$ 66.12
1K-3.3K	765	20	10	4.0	\$ 30.72	\$ 6.61	\$ 2,457.38	\$ 1,228.69	\$ 132.23	\$ 66.12
3.3K-10K	100	40	20	4.0	\$ 30.72	\$ 6.61	\$ 4,914.76	\$ 2,457.38	\$ 264.47	\$ 132.23
10K-25K	9	60	30	4.0	\$ 30.72	\$ 6.61	\$ 7,372.15	\$ 3,686.07	\$ 396.70	\$ 198.35
25K-50K	6	60	30	4.0	\$ 30.72	\$ 6.61	\$ 7,372.15	\$ 3,686.07	\$ 396.70	\$ 198.35
50K-75K	-	60	30	4.0	\$ 30.72	\$ 6.61	\$ 7,372.15	\$ 3,686.07	\$ 396.70	\$ 198.35
75K-100K	-	60	30	4.0	\$ 30.72	\$ 6.61	\$ 7,372.15	\$ 3,686.07	\$ 396.70	\$ 198.35
100K-500K	-	100	50	4.0	\$ 30.72	\$ 6.61	\$ 12,286.91	\$ 6,143.45	\$ 661.17	\$ 330.58
500K-1M	-	100	50	4.0	\$ 30.72	\$ 6.61	\$ 12,286.91	\$ 6,143.45	\$ 661.17	\$ 330.58
> 1M	-	100	50	4.0	\$ 30.72	\$ 6.61	\$ 12,286.91	\$ 6,143.45	\$ 661.17	\$ 330.58
<b>TOTAL:</b>	<b>18,159</b>									
GROUND WATER: ALL SYSTEMS										
Size Category	Total Systems	Avg. # of Samples per Mon. Event (Regular Schedule)	Avg. # of Samples per Mon. Event (Reduced Schedule)	Average Labor Hrs. For Collection and Analysis (Per Sample)	Labor Rate For Collection	Average O&M Cost Per Sample	Total Average Labor Cost Per Mon. Event (Regular Sched.)	Total Average Labor Cost Per Mon. Event (Reduced Sched.)	Total Average O&M Cost Per Mon. Event (Regular Sched.)	Total Average O&M Cost Per Mon. Event (Reduced Sched.)
<100	20,963	5	5	4.0	\$ 30.72	\$ 6.61	\$ 614.35	\$ 614.35	\$ 33.06	\$ 33.06
101-500	20,585	10	5	4.0	\$ 30.72	\$ 6.61	\$ 1,228.69	\$ 614.35	\$ 66.12	\$ 33.06
501-1K	6,252	20	10	4.0	\$ 30.72	\$ 6.61	\$ 2,457.38	\$ 1,228.69	\$ 132.23	\$ 66.12
1K-3.3K	6,535	20	10	4.0	\$ 30.72	\$ 6.61	\$ 2,457.38	\$ 1,228.69	\$ 132.23	\$ 66.12
3.3K-10K	2,896	40	20	4.0	\$ 30.72	\$ 6.61	\$ 4,914.76	\$ 2,457.38	\$ 264.47	\$ 132.23
10K-25K	986	60	30	4.0	\$ 30.72	\$ 6.61	\$ 7,372.15	\$ 3,686.07	\$ 396.70	\$ 198.35
25K-50K	376	60	30	4.0	\$ 30.72	\$ 6.61	\$ 7,372.15	\$ 3,686.07	\$ 396.70	\$ 198.35
50K-75K	118	60	30	4.0	\$ 30.72	\$ 6.61	\$ 7,372.15	\$ 3,686.07	\$ 396.70	\$ 198.35
75K-100K	31	60	30	4.0	\$ 30.72	\$ 6.61	\$ 7,372.15	\$ 3,686.07	\$ 396.70	\$ 198.35
100K-500K	69	100	50	4.0	\$ 30.72	\$ 6.61	\$ 12,286.91	\$ 6,143.45	\$ 661.17	\$ 330.58
500K-1M	4	100	50	4.0	\$ 30.72	\$ 6.61	\$ 12,286.91	\$ 6,143.45	\$ 661.17	\$ 330.58
> 1M	3	100	50	4.0	\$ 30.72	\$ 6.61	\$ 12,286.91	\$ 6,143.45	\$ 661.17	\$ 330.58
<b>TOTAL:</b>	<b>58,818</b>									

**Exhibit 3 - TAP MONITORING FOR LEAD & COPPER - MONITORING, BURDEN, AND COST ASSUMPTIONS (cont.)**

SURFACE WATER: CWSs										
Size Category	Total Systems	Avg. # of Samples per Mon. Event (Regular Schedule)	Avg. # of Samples per Mon. Event (Reduced Schedule)	Average Labor Hrs. For Collection and Analysis (Per Sample)	Labor Rate For Collection	Average O&M Cost Per Sample	Total Average Labor Cost Per Mon. Event (Regular Sched.)	Total Average Labor Cost Per Mon. Event (Reduced Sched.)	Total Average O&M Cost Per Mon. Event (Regular Sched.)	Total Average O&M Cost Per Mon. Event (Reduced Sched.)
<100	1,179	5	5	4.0	\$ 30.72	\$ 6.61	\$ 614.35	\$ 614.35	\$ 33.06	\$ 33.06
101-500	2,093	10	5	4.0	\$ 30.72	\$ 6.61	\$ 1,228.69	\$ 614.35	\$ 66.12	\$ 33.06
501-1K	1,167	20	10	4.0	\$ 30.72	\$ 6.61	\$ 2,457.38	\$ 1,228.69	\$ 132.23	\$ 66.12
1K-3.3K	2,458	20	10	4.0	\$ 30.72	\$ 6.61	\$ 2,457.38	\$ 1,228.69	\$ 132.23	\$ 66.12
3.3K-10K	2,026	40	20	4.0	\$ 30.72	\$ 6.61	\$ 4,914.76	\$ 2,457.38	\$ 264.47	\$ 132.23
10K-25K	1,211	60	30	4.0	\$ 30.72	\$ 6.61	\$ 7,372.15	\$ 3,686.07	\$ 396.70	\$ 198.35
25K-50K	617	60	30	4.0	\$ 30.72	\$ 6.61	\$ 7,372.15	\$ 3,686.07	\$ 396.70	\$ 198.35
50K-75K	252	60	30	4.0	\$ 30.72	\$ 6.61	\$ 7,372.15	\$ 3,686.07	\$ 396.70	\$ 198.35
75K-100K	126	60	30	4.0	\$ 30.72	\$ 6.61	\$ 7,372.15	\$ 3,686.07	\$ 396.70	\$ 198.35
100K-500K	276	100	50	4.0	\$ 30.72	\$ 6.61	\$ 12,286.91	\$ 6,143.45	\$ 661.17	\$ 330.58
500K-1M	30	100	50	4.0	\$ 30.72	\$ 6.61	\$ 12,286.91	\$ 6,143.45	\$ 661.17	\$ 330.58
> 1M	16	100	50	4.0	\$ 30.72	\$ 6.61	\$ 12,286.91	\$ 6,143.45	\$ 661.17	\$ 330.58
<b>TOTAL:</b>	<b>11,452</b>									
SURFACE WATER: NTCWSs										
Size Category	Total Systems	Avg. # of Samples per Mon. Event (Regular Schedule)	Avg. # of Samples per Mon. Event (Reduced Schedule)	Average Labor Hrs. For Collection and Analysis (Per Sample)	Labor Rate For Collection	Average O&M Cost Per Sample	Total Average Labor Cost Per Mon. Event (Regular Sched.)	Total Average Labor Cost Per Mon. Event (Reduced Sched.)	Total Average O&M Cost Per Mon. Event (Regular Sched.)	Total Average O&M Cost Per Mon. Event (Reduced Sched.)
<100	259	5	5	4.0	\$ 30.72	\$ 6.61	\$ 614.35	\$ 614.35	\$ 33.06	\$ 33.06
101-500	236	10	5	4.0	\$ 30.72	\$ 6.61	\$ 1,228.69	\$ 614.35	\$ 66.12	\$ 33.06
501-1K	88	20	10	4.0	\$ 30.72	\$ 6.61	\$ 2,457.38	\$ 1,228.69	\$ 132.23	\$ 66.12
1K-3.3K	68	20	10	4.0	\$ 30.72	\$ 6.61	\$ 2,457.38	\$ 1,228.69	\$ 132.23	\$ 66.12
3.3K-10K	20	40	20	4.0	\$ 30.72	\$ 6.61	\$ 4,914.76	\$ 2,457.38	\$ 264.47	\$ 132.23
10K-25K	4	60	30	4.0	\$ 30.72	\$ 6.61	\$ 7,372.15	\$ 3,686.07	\$ 396.70	\$ 198.35
25K-50K	2	60	30	4.0	\$ 30.72	\$ 6.61	\$ 7,372.15	\$ 3,686.07	\$ 396.70	\$ 198.35
50K-75K	1	60	30	4.0	\$ 30.72	\$ 6.61	\$ 7,372.15	\$ 3,686.07	\$ 396.70	\$ 198.35
75K-100K	-	60	30	4.0	\$ 30.72	\$ 6.61	\$ 7,372.15	\$ 3,686.07	\$ 396.70	\$ 198.35
100K-500K	1	100	50	4.0	\$ 30.72	\$ 6.61	\$ 12,286.91	\$ 6,143.45	\$ 661.17	\$ 330.58
500K-1M	-	100	50	4.0	\$ 30.72	\$ 6.61	\$ 12,286.91	\$ 6,143.45	\$ 661.17	\$ 330.58
> 1M	-	100	50	4.0	\$ 30.72	\$ 6.61	\$ 12,286.91	\$ 6,143.45	\$ 661.17	\$ 330.58
<b>TOTAL:</b>	<b>680</b>									
SURFACE WATER: ALL SYSTEMS										
Size Category	Total Systems	Avg. # of Samples per Mon. Event (Regular Schedule)	Avg. # of Samples per Mon. Event (Reduced Schedule)	Average Labor Hrs. For Collection and Analysis (Per Sample)	Labor Rate For Collection	Average O&M Cost Per Sample	Total Average Labor Cost Per Mon. Event (Regular Sched.)	Total Average Labor Cost Per Mon. Event (Reduced Sched.)	Total Average O&M Cost Per Mon. Event (Regular Sched.)	Total Average O&M Cost Per Mon. Event (Reduced Sched.)
<100	1,439	5	5	4.0	\$ 30.72	\$ 6.61	\$ 614.35	\$ 614.35	\$ 33.06	\$ 33.06
101-500	2,329	10	5	4.0	\$ 30.72	\$ 6.61	\$ 1,228.69	\$ 614.35	\$ 66.12	\$ 33.06
501-1K	1,255	20	10	4.0	\$ 30.72	\$ 6.61	\$ 2,457.38	\$ 1,228.69	\$ 132.23	\$ 66.12
1K-3.3K	2,526	20	10	4.0	\$ 30.72	\$ 6.61	\$ 2,457.38	\$ 1,228.69	\$ 132.23	\$ 66.12
3.3K-10K	2,046	40	20	4.0	\$ 30.72	\$ 6.61	\$ 4,914.76	\$ 2,457.38	\$ 264.47	\$ 132.23
10K-25K	1,215	60	30	4.0	\$ 30.72	\$ 6.61	\$ 7,372.15	\$ 3,686.07	\$ 396.70	\$ 198.35
25K-50K	619	60	30	4.0	\$ 30.72	\$ 6.61	\$ 7,372.15	\$ 3,686.07	\$ 396.70	\$ 198.35
50K-75K	253	60	30	4.0	\$ 30.72	\$ 6.61	\$ 7,372.15	\$ 3,686.07	\$ 396.70	\$ 198.35
75K-100K	126	60	30	4.0	\$ 30.72	\$ 6.61	\$ 7,372.15	\$ 3,686.07	\$ 396.70	\$ 198.35
100K-500K	277	100	50	4.0	\$ 30.72	\$ 6.61	\$ 12,286.91	\$ 6,143.45	\$ 661.17	\$ 330.58
500K-1M	30	100	50	4.0	\$ 30.72	\$ 6.61	\$ 12,286.91	\$ 6,143.45	\$ 661.17	\$ 330.58
> 1M	16	100	50	4.0	\$ 30.72	\$ 6.61	\$ 12,286.91	\$ 6,143.45	\$ 661.17	\$ 330.58
<b>TOTAL:</b>	<b>12,131</b>									

Note: Burden estimates take into account the results of the February 2008 consultation with water industry representatives.

**Exhibit 4 - TAP MONITORING FOR LEAD & COPPER - MONITORING SCENARIO ALLOCATION**

<b>GROUND WATER: CWSs</b>											
<b>Size Category</b>	<b>Total Systems</b>	<b>Percent of Systems Under Each Monitoring Scenario</b>									
		<b>1</b>	<b>2a</b>	<b>2b</b>	<b>3a</b>	<b>3b</b>	<b>1R</b>	<b>3aAR</b>	<b>2aAR</b>	<b>2bAR</b>	
		Monitor Only	Exceed, Then Treat Works, Study Req.	Exceed, Then Treat Works, No Study Req.	Exceed, Treat, Still Exceed Study Req.	Exceed, Treat, Then Still Exceed No Study Req.	Monitor Only Reduced Mon. All-Plastic	Exceed, Treat, Enter Accel. Reduced Sched.	Accelerated Reduced Study Req.	Accelerated Reduced No Study Req.	
<100	12,091	60.00%	5.72%	17.16%	0.35%	1.05%	10.00%	-	1.43%	4.29%	
101-500	13,919	60.00%	5.81%	17.42%	0.24%	0.73%	10.00%	-	1.45%	4.35%	
501-1K	4,511	60.00%	5.81%	17.42%	0.24%	0.73%	10.00%	-	1.45%	4.35%	
1K-3.3K	5,770	60.00%	5.81%	17.43%	0.24%	0.71%	10.00%	-	1.45%	4.36%	
3.3K-10K	2,796	75.00%	4.78%	14.33%	0.28%	0.84%	-	-	1.19%	3.58%	
10K-25K	977	75.00%	4.74%	14.23%	0.32%	0.96%	-	-	1.19%	3.56%	
25K-50K	370	75.00%	4.76%	14.27%	0.30%	0.91%	-	-	1.19%	3.57%	
50K-75K	118	98.65%	-	-	1.35%	-	-	0.00%	-	-	
75K-100K	31	98.73%	-	-	1.27%	-	-	0.00%	-	-	
100K-500K	69	98.55%	-	-	1.45%	-	-	0.00%	-	-	
500K-1M	4	97.06%	-	-	2.94%	-	-	0.00%	-	-	
> 1M	3	94.74%	-	-	5.26%	-	-	0.00%	-	-	
<b>TOTAL:</b>	<b>40,658</b>										
<b>GROUND WATER: NTCWSs</b>											
<b>Size Category</b>	<b>Total Systems</b>	<b>Percent of Systems Under Each Monitoring Scenario</b>									
		<b>1</b>	<b>2a</b>	<b>2b</b>	<b>3a</b>	<b>3b</b>	<b>1R</b>	<b>3aAR</b>	<b>2aAR</b>	<b>2bAR</b>	
		Monitor Only	Exceed, Then Treat Works, Study Req.	Exceed, Then Treat Works, No Study Req.	Exceed, Treat, Still Exceed Study Req.	Exceed, Treat, Then Still Exceed No Study Req.	Monitor Only Reduced Mon. All-Plastic	Exceed, Treat, Enter Accel. Reduced Sched.	Accelerated Reduced Study Req.	Accelerated Reduced No Study Req.	
<100	8,873	60.00%	5.52%	16.57%	0.59%	1.78%	10.00%	-	1.38%	4.14%	
101-500	6,666	60.00%	5.59%	16.76%	0.52%	1.55%	10.00%	-	1.40%	4.19%	
501-1K	1,741	60.00%	5.62%	16.85%	0.48%	1.44%	10.00%	-	1.40%	4.21%	
1K-3.3K	765	60.00%	5.62%	16.85%	0.48%	1.44%	10.00%	-	1.40%	4.21%	
3.3K-10K	100	75.00%	4.83%	14.50%	0.21%	0.63%	-	-	1.21%	3.63%	
10K-25K	9	75.00%	5.00%	15.00%	0.00%	0.00%	-	-	1.25%	3.75%	
25K-50K	6	75.00%	5.00%	15.00%	0.00%	0.00%	-	-	1.25%	3.75%	
50K-75K	-	0.00%	-	-	100.00%	-	-	0.00%	-	-	
75K-100K	-	100.00%	-	-	0.00%	-	-	0.00%	-	-	
100K-500K	-	100.00%	-	-	0.00%	-	-	0.00%	-	-	
500K-1M	-	100.00%	-	-	0.00%	-	-	0.00%	-	-	
> 1M	-	100.00%	-	-	0.00%	-	-	0.00%	-	-	
<b>TOTAL:</b>	<b>18,159</b>										

**Exhibit 4 - TAP MONITORING FOR LEAD & COPPER - MONITORING SCENARIO ALLOCATION (cont.)**

<b>SURFACE WATER: CWSs</b>											
<b>Size Category</b>	<b>Total Systems</b>	<b>Actual Number of B3 Systems</b>	<b>Percent of Systems Under Each Monitoring Scenario</b>								
			<b>1</b>	<b>2a</b>	<b>2b</b>	<b>3a</b>	<b>3b</b>	<b>1R</b>	<b>3aAR</b>	<b>2aAR</b>	<b>2bAR</b>
			Monitor Only	Exceed, Then Treat Works, Study Req.	Exceed, Then Treat Works, No Study Req.	Exceed, Treat, Still Exceed Study Req.	Exceed, Treat, Then Still Exceed No Study Req.	Monitor Only Reduced Mon. All-Plastic	Exceed, Treat, Enter Accel. Reduced Sched.	Accelerated Reduced Study Req.	Accelerated Reduced No Study Req.
<100	1,179	-	60.00%	5.72%	17.16%	0.35%	1.05%	10.00%	0.00%	1.43%	4.29%
101-500	2,093	-	60.00%	5.81%	17.42%	0.24%	0.73%	10.00%	0.00%	1.45%	4.35%
501-1K	1,167	-	60.00%	5.81%	17.42%	0.24%	0.73%	10.00%	0.00%	1.45%	4.35%
1K-3.3K	2,458	-	60.00%	5.81%	17.43%	0.24%	0.71%	10.00%	0.00%	1.45%	4.36%
3.3K-10K	2,026	-	75.00%	4.78%	14.33%	0.28%	0.84%	0.00%	0.00%	1.19%	3.58%
10K-25K	1,211	-	75.00%	4.74%	14.23%	0.32%	0.96%	0.00%	0.00%	1.19%	3.56%
25K-50K	617	-	75.00%	4.76%	14.27%	0.30%	0.91%	0.00%	0.00%	1.19%	3.57%
50K-75K	252	38	98.65%	0.00%	0.00%	1.35%	0.00%	0.00%	0.00%	0.00%	0.00%
75K-100K	126	16	98.73%	0.00%	0.00%	1.27%	0.00%	0.00%	0.00%	0.00%	0.00%
100K-500K	276	57	98.55%	0.00%	0.00%	1.45%	0.00%	0.00%	0.00%	0.00%	0.00%
500K-1M	30	3	97.06%	0.00%	0.00%	2.94%	0.00%	0.00%	0.00%	0.00%	0.00%
> 1M	16	2	94.74%	0.00%	0.00%	5.26%	0.00%	0.00%	0.00%	0.00%	0.00%
<b>TOTAL:</b>	<b>11,452</b>										
<b>SURFACE WATER: NTCWSs</b>											
<b>Size Category</b>	<b>Total Systems</b>	<b>Actual Number of B3 Systems</b>	<b>Percent of Systems Under Each Monitoring Scenario</b>								
			<b>1</b>	<b>2a</b>	<b>2b</b>	<b>3a</b>	<b>3b</b>	<b>1R</b>	<b>3aAR</b>	<b>2aAR</b>	<b>2bAR</b>
			Monitor Only	Exceed, Then Treat Works, Study Req.	Exceed, Then Treat Works, No Study Req.	Exceed, Treat, Still Exceed Study Req.	Exceed, Treat, Then Still Exceed No Study Req.	Monitor Only Reduced Mon. All-Plastic	Exceed, Treat, Enter Accel. Reduced Sched.	Accelerated Reduced Study Req.	Accelerated Reduced No Study Req.
<100	259	-	60.00%	5.52%	16.57%	0.59%	1.78%	10.00%	0.00%	1.38%	4.14%
101-500	236	-	60.00%	5.59%	16.76%	0.52%	1.55%	10.00%	0.00%	1.40%	4.19%
501-1K	88	-	60.00%	5.62%	16.85%	0.48%	1.44%	10.00%	0.00%	1.40%	4.21%
1K-3.3K	68	-	60.00%	5.62%	16.85%	0.48%	1.44%	10.00%	0.00%	1.40%	4.21%
3.3K-10K	20	-	75.00%	4.83%	14.50%	0.21%	0.63%	0.00%	0.00%	1.21%	3.63%
10K-25K	4	-	75.00%	5.00%	15.00%	0.00%	0.00%	0.00%	0.00%	1.25%	3.75%
25K-50K	2	-	75.00%	5.00%	15.00%	0.00%	0.00%	0.00%	0.00%	1.25%	3.75%
50K-75K	1	-	0.00%	0.00%	0.00%	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%
75K-100K	-	-	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
100K-500K	1	-	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
500K-1M	-	-	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
> 1M	-	-	100.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%
<b>TOTAL:</b>	<b>680</b>										

Exhibit 5 - Tap Monitoring for Lead & Copper: Number of Monitoring Events, per System, per Year

SCENARIO 1: Monitor Only

Ground Water Systems											
Size Category	Years (Representing 9-Year Compliance Cycle)									Total	
	2008	2009	2010	2011	2012	2013	2014	2015	2016		
	<100	1			1			1			
101-500	1			1			1			3	
501-1K	1			1			1			3	
1K-3.3K	1			1			1			3	
3.3K-10K			1			1			1	3	
10K-25K			1			1			1	3	
25K-50K			1			1			1	3	
50K-75K		1			1				1	3	
75K-100K		1			1				1	3	
100K-500K		1			1				1	3	
500K-1M		1			1				1	3	
> 1M		1			1				1	3	

  

Surface Water Systems											
Size Category	Years (Representing 9-Year Compliance Cycle)									Total	
	2008	2009	2010	2011	2012	2013	2014	2015	2016		
	<100	1			1			1			
101-500	1			1			1			3	
501-1K	1			1			1			3	
1K-3.3K	1			1			1			3	
3.3K-10K			1			1			1	3	
10K-25K			1			1			1	3	
25K-50K			1			1			1	3	
50K-75K		1			1				1	3	
75K-100K		1			1				1	3	
100K-500K		1			1				1	3	
500K-1M		1			1				1	3	
> 1M		1			1				1	3	

Exhibit 5 - Tap Monitoring for Lead & Copper: Number of Samples, per System, per Year

SCENARIO 1: Monitor Only

Ground Water Systems											
Size Category	Years (Representing 9-Year Compliance Cycle)									Total	
	2008	2009	2010	2011	2012	2013	2014	2015	2016		
	<100	5	0	0	5	0	0	5	0		0
101-500	5	0	0	5	0	0	5	0	0	15	
501-1K	10	0	0	10	0	0	10	0	0	30	
1K-3.3K	10	0	0	10	0	0	10	0	0	30	
3.3K-10K	0	0	20	0	0	20	0	0	20	60	
10K-25K	0	0	30	0	0	30	0	0	30	90	
25K-50K	0	0	30	0	0	30	0	0	30	90	
50K-75K	0	30	0	0	30	0	0	30	0	90	
75K-100K	0	30	0	0	30	0	0	30	0	90	
100K-500K	0	50	0	0	50	0	0	50	0	150	
500K-1M	0	50	0	0	50	0	0	50	0	150	
> 1M	0	50	0	0	50	0	0	50	0	150	

  

Surface Water Systems											
Size Category	Years (Representing 9-Year Compliance Cycle)									Total	
	2008	2009	2010	2011	2012	2013	2014	2015	2016		
	<100	5	0	0	5	0	0	5	0		0
101-500	5	0	0	5	0	0	5	0	0	15	
501-1K	10	0	0	10	0	0	10	0	0	30	
1K-3.3K	10	0	0	10	0	0	10	0	0	30	
3.3K-10K	0	0	20	0	0	20	0	0	20	60	
10K-25K	0	0	30	0	0	30	0	0	30	90	
25K-50K	0	0	30	0	0	30	0	0	30	90	
50K-75K	0	30	0	0	30	0	0	30	0	90	
75K-100K	0	30	0	0	30	0	0	30	0	90	
100K-500K	0	50	0	0	50	0	0	50	0	150	
500K-1M	0	50	0	0	50	0	0	50	0	150	
> 1M	0	50	0	0	50	0	0	50	0	150	



SCENARIO 2a: Exceed->Install Treatment->No Longer Exceed (Study Required)

Ground Water Systems										
Size Category	Years (Representing 9-Year Compliance Cycle)									Total
	2008	2009	2010	2011	2012	2013	2014	2015	2016	
<100			1			1			1	3
101-500			1			1			1	3
501-1K			1			1			1	3
1K-3.3K			1			1			1	3
3.3K-10K		1			1			1		2
10K-25K		1			1			1		2
25K-50K		1			1			1		2
50K-75K										0
75K-100K										0
100K-500K										0
500K-1M										0
> 1M										0
Surface Water Systems										
Size Category	Years (Representing 9-Year Compliance Cycle)									Total
	2008	2009	2010	2011	2012	2013	2014	2015	2016	
<100			1			1			1	3
101-500			1			1			1	3
501-1K			1			1			1	3
1K-3.3K			1			1			1	3
3.3K-10K		1			1			1		3
10K-25K		1			1			1		3
25K-50K		1			1			1		3
50K-75K										0
75K-100K										0
100K-500K										0
500K-1M										0
> 1M										0

SCENARIO 2a: Exceed->Install Treatment->No Longer Exceed (Study Required)

Ground Water Systems										
Size Category	Years (Representing 9-Year Compliance Cycle)									Total
	2008	2009	2010	2011	2012	2013	2014	2015	2016	
<100	0	0	5	0	0	5	0	0	5	15
101-500	0	0	5	0	0	5	0	0	5	15
501-1K	0	0	10	0	0	10	0	0	10	30
1K-3.3K	0	0	10	0	0	10	0	0	10	30
3.3K-10K	0	20	0	0	20	0	0	20	0	60
10K-25K	0	30	0	0	30	0	0	30	0	90
25K-50K	0	30	0	0	30	0	0	30	0	90
50K-75K	0	0	0	0	0	0	0	0	0	0
75K-100K	0	0	0	0	0	0	0	0	0	0
100K-500K	0	0	0	0	0	0	0	0	0	0
500K-1M	0	0	0	0	0	0	0	0	0	0
> 1M	0	0	0	0	0	0	0	0	0	0
Surface Water Systems										
Size Category	Years (Representing 9-Year Compliance Cycle)									Total
	2008	2009	2010	2011	2012	2013	2014	2015	2016	
<100	0	0	5	0	0	5	0	0	5	15
101-500	0	0	5	0	0	5	0	0	5	15
501-1K	0	0	10	0	0	10	0	0	10	30
1K-3.3K	0	0	10	0	0	10	0	0	10	30
3.3K-10K	0	20	0	0	20	0	0	20	0	60
10K-25K	0	30	0	0	30	0	0	30	0	90
25K-50K	0	30	0	0	30	0	0	30	0	90
50K-75K	0	0	0	0	0	0	0	0	0	0
75K-100K	0	0	0	0	0	0	0	0	0	0
100K-500K	0	0	0	0	0	0	0	0	0	0
500K-1M	0	0	0	0	0	0	0	0	0	0
> 1M	0	0	0	0	0	0	0	0	0	0

Exhibit 5 - Tap Monitoring for Lead & Copper: Number of Monitoring Events, per System, per Year (cont.)

SCENARIO 2b: Exceed->Install Treatment->No Longer Exceed (No Study Required)

Ground Water Systems										
Size Category	Years (Representing 9-Year Compliance Cycle)									Total
	2008	2009	2010	2011	2012	2013	2014	2015	2016	
<100	1				1				1	3
101-500		1				1			1	3
501-1K		1				1			1	3
1K-3.3K		1				1			1	3
3.3K-10K	1			1			1			3
10K-25K	1			1			1			3
25K-50K	1			1			1			3
50K-75K										0
75K-100K										0
100K-500K										0
500K-1M										0
> 1M										0
Surface Water Systems										
Size Category	Years (Representing 9-Year Compliance Cycle)									Total
	2008	2009	2010	2011	2012	2013	2014	2015	2016	
<100		1			1				1	3
101-500		1			1				1	3
501-1K		1			1				1	3
1K-3.3K		1			1				1	3
3.3K-10K	1			1			1			3
10K-25K	1			1			1			3
25K-50K	1			1			1			3
50K-75K										0
75K-100K										0
100K-500K										0
500K-1M										0
> 1M										0

Exhibit 5 - Tap Monitoring for Lead & Copper: Number of Samples, per System, per Year (cont.)

SCENARIO 2b: Exceed->Install Treatment->No Longer Exceed (No Study Required)

Ground Water Systems										
Size Category	Years (Representing 9-Year Compliance Cycle)									Total
	2008	2009	2010	2011	2012	2013	2014	2015	2016	
<100	0	5	0	0	5	0	0	5	0	15
101-500	0	5	0	0	5	0	0	5	0	15
501-1K	0	10	0	0	10	0	0	10	0	30
1K-3.3K	0	10	0	0	10	0	0	10	0	30
3.3K-10K	20	0	0	20	0	0	20	0	0	60
10K-25K	30	0	0	30	0	0	30	0	0	90
25K-50K	30	0	0	30	0	0	30	0	0	90
50K-75K	0	0	0	0	0	0	0	0	0	0
75K-100K	0	0	0	0	0	0	0	0	0	0
100K-500K	0	0	0	0	0	0	0	0	0	0
500K-1M	0	0	0	0	0	0	0	0	0	0
> 1M	0	0	0	0	0	0	0	0	0	0
Surface Water Systems										
Size Category	Years (Representing 9-Year Compliance Cycle)									Total
	2008	2009	2010	2011	2012	2013	2014	2015	2016	
<100	0	5	0	0	5	0	0	5	0	15
101-500	0	5	0	0	5	0	0	5	0	15
501-1K	0	10	0	0	10	0	0	10	0	30
1K-3.3K	0	10	0	0	10	0	0	10	0	30
3.3K-10K	20	0	0	20	0	0	20	0	0	60
10K-25K	30	0	0	30	0	0	30	0	0	90
25K-50K	30	0	0	30	0	0	30	0	0	90
50K-75K	0	0	0	0	0	0	0	0	0	0
75K-100K	0	0	0	0	0	0	0	0	0	0
100K-500K	0	0	0	0	0	0	0	0	0	0
500K-1M	0	0	0	0	0	0	0	0	0	0
> 1M	0	0	0	0	0	0	0	0	0	0

SCENARIO 3a: Exceed->Install Treatment->Still Exceed (Study Required)

Ground Water Systems											
Size Category	Years (Representing 9-Year Compliance Cycle)									Total	
	2008	2009	2010	2011	2012	2013	2014	2015	2016		
<100	2	2	2	2	2	2	2	2	2	2	18
101-500	2	2	2	2	2	2	2	2	2	2	18
501-1K	2	2	2	2	2	2	2	2	2	2	18
1K-3.3K	2	2	2	2	2	2	2	2	2	2	18
3.3K-10K	2	2	2	2	2	2	2	2	2	2	18
10K-25K	2	2	2	2	2	2	2	2	2	2	18
25K-50K	2	2	2	2	2	2	2	2	2	2	18
50K-75K	2	2	2	2	2	2	2	2	2	2	18
75K-100K	2	2	2	2	2	2	2	2	2	2	18
100K-500K	2	2	2	2	2	2	2	2	2	2	18
500K-1M	2	2	2	2	2	2	2	2	2	2	18
> 1M	2	2	2	2	2	2	2	2	2	2	18
Surface Water Systems											
Size Category	Years (Representing 9-Year Compliance Cycle)									Total	
	2008	2009	2010	2011	2012	2013	2014	2015	2016		
<100	2	2	2	2	2	2	2	2	2	2	18
101-500	2	2	2	2	2	2	2	2	2	2	18
501-1K	2	2	2	2	2	2	2	2	2	2	18
1K-3.3K	2	2	2	2	2	2	2	2	2	2	18
3.3K-10K	2	2	2	2	2	2	2	2	2	2	18
10K-25K	2	2	2	2	2	2	2	2	2	2	18
25K-50K	2	2	2	2	2	2	2	2	2	2	18
50K-75K	2	2	2	2	2	2	2	2	2	2	18
75K-100K	2	2	2	2	2	2	2	2	2	2	18
100K-500K	2	2	2	2	2	2	2	2	2	2	18
500K-1M	2	2	2	2	2	2	2	2	2	2	18
> 1M	2	2	2	2	2	2	2	2	2	2	18

SCENARIO 3a: Exceed->Install Treatment->Still Exceed (Study Required)

Ground Water Systems											
Size Category	Years (Representing 9-Year Compliance Cycle)									Total	
	2008	2009	2010	2011	2012	2013	2014	2015	2016		
<100	10	10	10	10	10	10	10	10	10	10	90
101-500	10	10	10	10	10	10	10	10	10	10	90
501-1K	20	20	20	20	20	20	20	20	20	20	180
1K-3.3K	20	20	20	20	20	20	20	20	20	20	180
3.3K-10K	40	40	40	40	40	40	40	40	40	40	360
10K-25K	60	60	60	60	60	60	60	60	60	60	540
25K-50K	60	60	60	60	60	60	60	60	60	60	540
50K-75K	60	60	60	60	60	60	60	60	60	60	540
75K-100K	60	60	60	60	60	60	60	60	60	60	540
100K-500K	100	100	100	100	100	100	100	100	100	100	900
500K-1M	100	100	100	100	100	100	100	100	100	100	900
> 1M	100	100	100	100	100	100	100	100	100	100	900
Surface Water Systems											
Size Category	Years (Representing 9-Year Compliance Cycle)									Total	
	2008	2009	2010	2011	2012	2013	2014	2015	2016		
<100	10	10	10	10	10	10	10	10	10	10	90
101-500	10	10	10	10	10	10	10	10	10	10	90
501-1K	20	20	20	20	20	20	20	20	20	20	180
1K-3.3K	20	20	20	20	20	20	20	20	20	20	180
3.3K-10K	40	40	40	40	40	40	40	40	40	40	360
10K-25K	60	60	60	60	60	60	60	60	60	60	540
25K-50K	60	60	60	60	60	60	60	60	60	60	540
50K-75K	60	60	60	60	60	60	60	60	60	60	540
75K-100K	60	60	60	60	60	60	60	60	60	60	540
100K-500K	100	100	100	100	100	100	100	100	100	100	900
500K-1M	100	100	100	100	100	100	100	100	100	100	900
> 1M	100	100	100	100	100	100	100	100	100	100	900

Exhibit 5 - Tap Monitoring for Lead & Copper: Number of Monitoring Events, per System, per Year (cont.)

SCENARIO 3b: Exceed>Install Treatment>Still Exceed (No Study Required)

Ground Water Systems											
Size Category	Years (Representing 9-Year Compliance Cycle)									Total	
	2008	2009	2010	2011	2012	2013	2014	2015	2016		
<100	2	2	2	2	2	2	2	2	2	2	18
101-500	2	2	2	2	2	2	2	2	2	2	18
501-1K	2	2	2	2	2	2	2	2	2	2	18
1K-3.3K	2	2	2	2	2	2	2	2	2	2	18
3.3K-10K	2	2	2	2	2	2	2	2	2	2	18
10K-25K	2	2	2	2	2	2	2	2	2	2	18
25K-50K	2	2	2	2	2	2	2	2	2	2	18
50K-75K	2	2	2	2	2	2	2	2	2	2	18
75K-100K	2	2	2	2	2	2	2	2	2	2	18
100K-500K	2	2	2	2	2	2	2	2	2	2	18
500K-1M	2	2	2	2	2	2	2	2	2	2	18
> 1M	2	2	2	2	2	2	2	2	2	2	18
Surface Water Systems											
Size Category	Years (Representing 9-Year Compliance Cycle)									Total	
	2008	2009	2010	2011	2012	2013	2014	2015	2016		
<100	2	2	2	2	2	2	2	2	2	2	18
101-500	2	2	2	2	2	2	2	2	2	2	18
501-1K	2	2	2	2	2	2	2	2	2	2	18
1K-3.3K	2	2	2	2	2	2	2	2	2	2	18
3.3K-10K	2	2	2	2	2	2	2	2	2	2	18
10K-25K	2	2	2	2	2	2	2	2	2	2	18
25K-50K	2	2	2	2	2	2	2	2	2	2	18
50K-75K	2	2	2	2	2	2	2	2	2	2	18
75K-100K	2	2	2	2	2	2	2	2	2	2	18
100K-500K	2	2	2	2	2	2	2	2	2	2	18
500K-1M	2	2	2	2	2	2	2	2	2	2	18
> 1M	2	2	2	2	2	2	2	2	2	2	18

Exhibit 5 - Tap Monitoring for Lead & Copper: Number of Samples, per System, per Year (cont.)

SCENARIO 3b: Exceed>Install Treatment>Still Exceed (No Study Required)

Ground Water Systems											
Size Category	Years (Representing 9-Year Compliance Cycle)									Total	
	2008	2009	2010	2011	2012	2013	2014	2015	2016		
<100	10	10	10	10	10	10	10	10	10	10	90
101-500	10	10	10	10	10	10	10	10	10	10	90
501-1K	20	20	20	20	20	20	20	20	20	20	180
1K-3.3K	20	20	20	20	20	20	20	20	20	20	180
3.3K-10K	40	40	40	40	40	40	40	40	40	40	360
10K-25K	60	60	60	60	60	60	60	60	60	60	540
25K-50K	60	60	60	60	60	60	60	60	60	60	540
50K-75K	60	60	60	60	60	60	60	60	60	60	540
75K-100K	60	60	60	60	60	60	60	60	60	60	540
100K-500K	100	100	100	100	100	100	100	100	100	100	900
500K-1M	100	100	100	100	100	100	100	100	100	100	900
> 1M	100	100	100	100	100	100	100	100	100	100	900
Surface Water Systems											
Size Category	Years (Representing 9-Year Compliance Cycle)									Total	
	2008	2009	2010	2011	2012	2013	2014	2015	2016		
<100	10	10	10	10	10	10	10	10	10	10	90
101-500	10	10	10	10	10	10	10	10	10	10	90
501-1K	20	20	20	20	20	20	20	20	20	20	180
1K-3.3K	20	20	20	20	20	20	20	20	20	20	180
3.3K-10K	40	40	40	40	40	40	40	40	40	40	360
10K-25K	60	60	60	60	60	60	60	60	60	60	540
25K-50K	60	60	60	60	60	60	60	60	60	60	540
50K-75K	60	60	60	60	60	60	60	60	60	60	540
75K-100K	60	60	60	60	60	60	60	60	60	60	540
100K-500K	100	100	100	100	100	100	100	100	100	100	900
500K-1M	100	100	100	100	100	100	100	100	100	100	900
> 1M	100	100	100	100	100	100	100	100	100	100	900

SCENARIO 1R: Monitor Only - Reduced (All Plastic)

Ground Water Systems										
Size Category	Years (Representing 9-Year Compliance Cycle)									Total
	2008	2009	2010	2011	2012	2013	2014	2015	2016	
<100							1			1
101-500							1			1
501-1K							1			1
1K-3.3K							1			1
3.3K-10K										0
10K-25K										0
25K-50K										0
50K-75K										0
75K-100K										0
100K-500K										0
500K-1M										0
> 1M										0
Surface Water Systems										
Size Category	Years (Representing 9-Year Compliance Cycle)									Total
	2008	2009	2010	2011	2012	2013	2014	2015	2016	
<100							1			1
101-500							1			1
501-1K							1			1
1K-3.3K							1			1
3.3K-10K										0
10K-25K										0
25K-50K										0
50K-75K										0
75K-100K										0
100K-500K										0
500K-1M										0
> 1M										0

SCENARIO 1R: Monitor Only - Reduced (All Plastic)

Ground Water Systems											
Size Category	Years (Representing 9-Year Compliance Cycle)									Total	
	2008	2009	2010	2011	2012	2013	2014	2015	2016		
<100	0	0	0	0	0	0	0	5	0	0	5
101-500	0	0	0	0	0	0	0	5	0	0	5
501-1K	0	0	0	0	0	0	0	10	0	0	10
1K-3.3K	0	0	0	0	0	0	0	10	0	0	10
3.3K-10K	0	0	0	0	0	0	0	0	0	0	0
10K-25K	0	0	0	0	0	0	0	0	0	0	0
25K-50K	0	0	0	0	0	0	0	0	0	0	0
50K-75K	0	0	0	0	0	0	0	0	0	0	0
75K-100K	0	0	0	0	0	0	0	0	0	0	0
100K-500K	0	0	0	0	0	0	0	0	0	0	0
500K-1M	0	0	0	0	0	0	0	0	0	0	0
> 1M	0	0	0	0	0	0	0	0	0	0	0
Surface Water Systems											
Size Category	Years (Representing 9-Year Compliance Cycle)									Total	
	2008	2009	2010	2011	2012	2013	2014	2015	2016		
<100	0	0	0	0	0	0	0	5	0	0	5
101-500	0	0	0	0	0	0	0	5	0	0	5
501-1K	0	0	0	0	0	0	0	10	0	0	10
1K-3.3K	0	0	0	0	0	0	0	10	0	0	10
3.3K-10K	0	0	0	0	0	0	0	0	0	0	0
10K-25K	0	0	0	0	0	0	0	0	0	0	0
25K-50K	0	0	0	0	0	0	0	0	0	0	0
50K-75K	0	0	0	0	0	0	0	0	0	0	0
75K-100K	0	0	0	0	0	0	0	0	0	0	0
100K-500K	0	0	0	0	0	0	0	0	0	0	0
500K-1M	0	0	0	0	0	0	0	0	0	0	0
> 1M	0	0	0	0	0	0	0	0	0	0	0

Exhibit 5 - Tap Monitoring for Lead & Copper: Number of Monitoring Events, per System, per Year (cont.)

SCENARIO 3aAR: Treat, Then Enter Accelerated Reduced Monitoring Schedule

Ground Water Systems										
Size Category	Years (Representing 9-Year Compliance Cycle)									Total
	2008	2009	2010	2011	2012	2013	2014	2015	2016	
<100										0
101-500										0
501-1K										0
1K-3.3K										0
3.3K-10K										0
10K-25K										0
25K-50K										0
50K-75K			1			1			1	3
75K-100K				1			1		1	3
100K-500K							1		1	3
500K-1M								1	1	3
> 1M									1	3
Surface Water Systems										
Size Category	Years (Representing 9-Year Compliance Cycle)									Total
	2008	2009	2010	2011	2012	2013	2014	2015	2016	
<100										0
101-500										0
501-1K										0
1K-3.3K										0
3.3K-10K										0
10K-25K										0
25K-50K										0
50K-75K				1			1		1	3
75K-100K							1		1	3
100K-500K								1	1	3
500K-1M									1	3
> 1M									1	3

Exhibit 5 - Tap Monitoring for Lead & Copper: Number of Samples, per System, per Year (cont.)

SCENARIO 3aAR: Treat, Then Enter Accelerated Reduced Monitoring Schedule

Ground Water Systems										
Size Category	Years (Representing 9-Year Compliance Cycle)									Total
	2008	2009	2010	2011	2012	2013	2014	2015	2016	
<100	0	0	0	0	0	0	0	0	0	0
101-500	0	0	0	0	0	0	0	0	0	0
501-1K	0	0	0	0	0	0	0	0	0	0
1K-3.3K	0	0	0	0	0	0	0	0	0	0
3.3K-10K	0	0	0	0	0	0	0	0	0	0
10K-25K	0	0	0	0	0	0	0	0	0	0
25K-50K	0	0	0	0	0	0	0	0	0	0
50K-75K	0	0	30	0	0	30	0	0	30	90
75K-100K	0	0	30	0	0	30	0	0	30	90
100K-500K	0	0	50	0	0	50	0	0	50	150
500K-1M	0	0	50	0	0	50	0	0	50	150
> 1M	0	0	50	0	0	50	0	0	50	150
Surface Water Systems										
Size Category	Years (Representing 9-Year Compliance Cycle)									Total
	2008	2009	2010	2011	2012	2013	2014	2015	2016	
<100	0	0	0	0	0	0	0	0	0	0
101-500	0	0	0	0	0	0	0	0	0	0
501-1K	0	0	0	0	0	0	0	0	0	0
1K-3.3K	0	0	0	0	0	0	0	0	0	0
3.3K-10K	0	0	0	0	0	0	0	0	0	0
10K-25K	0	0	0	0	0	0	0	0	0	0
25K-50K	0	0	0	0	0	0	0	0	0	0
50K-75K	0	0	60	0	0	60	0	0	60	180
75K-100K	0	0	30	0	0	30	0	0	30	90
100K-500K	0	0	50	0	0	50	0	0	50	150
500K-1M	0	0	50	0	0	50	0	0	50	150
> 1M	0	0	50	0	0	50	0	0	50	150

SCENARIO 2aAR: Accelerated Reduced Monitoring After Treatment (Study)

Ground Water Systems										
Size Category	Years (Representing 9-Year Compliance Cycle)									Total
	2008	2009	2010	2011	2012	2013	2014	2015	2016	
<100	1			1			1			3
101-500	1			1			1			3
501-1K	1			1			1			3
1K-3.3K	1			1			1			3
3.3K-10K			1			1			1	3
10K-25K			1			1			1	3
25K-50K			1			1			1	3
50K-75K										0
75K-100K										0
100K-500K										0
500K-1M										0
> 1M										0
Surface Water Systems										
Size Category	Years (Representing 9-Year Compliance Cycle)									Total
	2008	2009	2010	2011	2012	2013	2014	2015	2016	
<100	1			1			1			3
101-500	1			1			1			3
501-1K	1			1			1			3
1K-3.3K	1			1			1			3
3.3K-10K			1			1			1	3
10K-25K			1			1			1	3
25K-50K			1			1			1	3
50K-75K										0
75K-100K										0
100K-500K										0
500K-1M										0
> 1M										0

SCENARIO 2aAR: Accelerated Reduced Monitoring After Treatment (Study)

Ground Water Systems										
Size Category	Years (Representing 9-Year Compliance Cycle)									Total
	2008	2009	2010	2011	2012	2013	2014	2015	2016	
<100	5	0	0	5	0	0	5	0	0	15
101-500	5	0	0	5	0	0	5	0	0	15
501-1K	10	0	0	10	0	0	10	0	0	30
1K-3.3K	10	0	0	10	0	0	10	0	0	30
3.3K-10K	0	0	20	0	0	20	0	0	20	60
10K-25K	0	0	30	0	0	30	0	0	30	90
25K-50K	0	0	30	0	0	30	0	0	30	90
50K-75K	0	0	0	0	0	0	0	0	0	0
75K-100K	0	0	0	0	0	0	0	0	0	0
100K-500K	0	0	0	0	0	0	0	0	0	0
500K-1M	0	0	0	0	0	0	0	0	0	0
> 1M	0	0	0	0	0	0	0	0	0	0
Surface Water Systems										
Size Category	Years (Representing 9-Year Compliance Cycle)									Total
	2008	2009	2010	2011	2012	2013	2014	2015	2016	
<100	5	0	0	5	0	0	5	0	0	15
101-500	5	0	0	5	0	0	5	0	0	15
501-1K	10	0	0	10	0	0	10	0	0	30
1K-3.3K	10	0	0	10	0	0	10	0	0	30
3.3K-10K	0	0	20	0	0	20	0	0	20	60
10K-25K	0	0	30	0	0	30	0	0	30	90
25K-50K	0	0	30	0	0	30	0	0	30	90
50K-75K	0	0	0	0	0	0	0	0	0	0
75K-100K	0	0	0	0	0	0	0	0	0	0
100K-500K	0	0	0	0	0	0	0	0	0	0
500K-1M	0	0	0	0	0	0	0	0	0	0
> 1M	0	0	0	0	0	0	0	0	0	0

Exhibit 5 - Tap Monitoring for Lead & Copper: Number of Monitoring Events, per System, per Year (cont.)

SCENARIO 2bAR: Accelerated Reduced Monitoring After Treatment (No Study)

Ground Water Systems											
Size Category	Years (Representing 9-Year Compliance Cycle)									Total	
	2008	2009	2010	2011	2012	2013	2014	2015	2016		
<100			1			1				1	3
101-500			1			1				1	3
501-1K			1			1				1	3
1K-3.3K			1			1				1	3
3.3K-10K			1			1				1	3
10K-25K			1			1				1	3
25K-50K			1			1				1	3
50K-75K											0
75K-100K											0
100K-500K											0
500K-1M											0
> 1M											0
Surface Water Systems											
Size Category	Years (Representing 9-Year Compliance Cycle)									Total	
	2008	2009	2010	2011	2012	2013	2014	2015	2016		
<100			1			1				1	3
101-500			1			1				1	3
501-1K			1			1				1	3
1K-3.3K			1			1				1	3
3.3K-10K			1			1				1	3
10K-25K			1			1				1	3
25K-50K			1			1				1	3
50K-75K											0
75K-100K											0
100K-500K											0
500K-1M											0
> 1M											0

Under the short term revisions all systems which continue to exceed must perform semi-annual monitoring.

Exhibit 5 - Tap Monitoring for Lead & Copper: Number of Samples, per System, per Year (cont.)

SCENARIO 2bAR: Accelerated Reduced Monitoring After Treatment (No Study)

Ground Water Systems										
Size Category	Years (Representing 9-Year Compliance Cycle)									Total
	2008	2009	2010	2011	2012	2013	2014	2015	2016	
<100	0	0	5	0	0	5	0	0	5	15
101-500	0	0	5	0	0	5	0	0	5	15
501-1K	0	0	10	0	0	10	0	0	10	30
1K-3.3K	0	0	10	0	0	10	0	0	10	30
3.3K-10K	0	0	20	0	0	20	0	0	20	60
10K-25K	0	0	30	0	0	30	0	0	30	90
25K-50K	0	0	30	0	0	30	0	0	30	90
50K-75K	0	0	0	0	0	0	0	0	0	0
75K-100K	0	0	0	0	0	0	0	0	0	0
100K-500K	0	0	0	0	0	0	0	0	0	0
500K-1M	0	0	0	0	0	0	0	0	0	0
> 1M	0	0	0	0	0	0	0	0	0	0
Surface Water Systems										
Size Category	Years (Representing 9-Year Compliance Cycle)									Total
	2008	2009	2010	2011	2012	2013	2014	2015	2016	
<100	0	0	5	0	0	5	0	0	5	15
101-500	0	0	5	0	0	5	0	0	5	15
501-1K	0	0	10	0	0	10	0	0	10	30
1K-3.3K	0	0	10	0	0	10	0	0	10	30
3.3K-10K	0	0	20	0	0	20	0	0	20	60
10K-25K	0	0	30	0	0	30	0	0	30	90
25K-50K	0	0	30	0	0	30	0	0	30	90
50K-75K	0	0	0	0	0	0	0	0	0	0
75K-100K	0	0	0	0	0	0	0	0	0	0
100K-500K	0	0	0	0	0	0	0	0	0	0
500K-1M	0	0	0	0	0	0	0	0	0	0
> 1M	0	0	0	0	0	0	0	0	0	0



**Exhibit 6 - TAP MONITORING FOR LEAD & COPPER - MONITORING, BURDEN, AND COST SUMMARY**

**SCENARIO 1: Monitor Only**

<b>GROUND WATER: CWSs</b>																				
Size Category	Number of Systems	Samples by Year (Representing 9-Year Compliance Cycle)									Summary of Monitoring, Burden, and Cost for ICR Period (2008-2011)									
		2008	2009	2010	2011	2012	2013	2014	2015	2016	Total Samples	Annual Samples	Total Monitoring Events	Annual Monitoring Events	Total Burden	Annual Burden	Total Labor Cost	Annual Labor Cost	Total O&M Cost	Annual O&M Cost
<100	7,254	36,270	-	-	36,270	-	-	36,270	-	-	36,270	12,090	7,254	2,418	145,080	48,360	\$ 4,456,462	\$ 1,485,487	\$ 239,805	\$ 79,935
101-500	8,352	41,760	-	-	41,760	-	-	41,760	-	-	41,760	13,920	8,352	2,784	167,040	55,680	\$ 5,131,013	\$ 1,710,338	\$ 276,103	\$ 92,034
501-1K	2,706	27,060	-	-	27,060	-	-	27,060	-	-	27,060	9,020	2,706	902	108,240	36,080	\$ 3,324,838	\$ 1,108,279	\$ 178,911	\$ 59,637
1K-3.3K	3,462	34,620	-	-	34,620	-	-	34,620	-	-	34,620	11,540	3,462	1,154	138,480	46,160	\$ 4,253,728	\$ 1,417,909	\$ 228,896	\$ 76,299
3.3K-10K	2,097	-	-	41,940	-	-	41,940	-	-	41,940	13,980	2,097	699	167,760	55,920	\$ 5,153,130	\$ 1,717,710	\$ 277,293	\$ 92,431	
10K-25K	733	-	-	21,990	-	-	21,990	-	-	21,990	7,330	733	244	87,960	29,320	\$ 2,701,891	\$ 900,630	\$ 145,390	\$ 48,463	
25K-50K	278	-	-	8,340	-	-	8,340	-	-	8,340	2,780	278	93	33,360	11,120	\$ 1,024,728	\$ 341,576	\$ 55,141	\$ 18,380	
50K-75K	116	-	3,480	-	-	3,480	-	-	3,480	-	3,480	1,160	116	39	13,920	4,640	\$ 427,584	\$ 142,528	\$ 23,009	\$ 7,670
75K-100K	31	-	930	-	-	930	-	-	930	-	930	310	31	10	3,720	1,240	\$ 114,268	\$ 38,089	\$ 6,149	\$ 2,050
100K-500K	68	-	3,400	-	-	3,400	-	-	3,400	-	3,400	1,133	68	23	13,600	4,533	\$ 417,755	\$ 139,252	\$ 22,480	\$ 7,493
500K-1M	4	-	200	-	-	200	-	-	200	-	200	67	4	1	800	267	\$ 24,574	\$ 8,191	\$ 1,322	\$ 441
> 1M	3	-	150	-	-	150	-	-	150	-	150	50	3	1	600	200	\$ 18,430	\$ 6,143	\$ 992	\$ 331
<b>Total</b>	<b>25,104</b>	<b>139,710</b>	<b>8,160</b>	<b>72,270</b>	<b>139,710</b>	<b>8,160</b>	<b>72,270</b>	<b>139,710</b>	<b>8,160</b>	<b>72,270</b>	<b>220,140</b>	<b>73,380</b>	<b>25,104</b>	<b>8,368</b>	<b>880,560</b>	<b>293,520</b>	<b>\$ 27,048,402</b>	<b>\$ 9,016,134</b>	<b>\$ 1,455,491</b>	<b>\$ 485,164</b>
<b>GROUND WATER: NTCWSS</b>																				
Size Category	Number of Systems	Samples by Year (Representing 9-Year Compliance Cycle)									Summary of Monitoring, Burden, and Cost for ICR Period (2008-2011)									
		2008	2009	2010	2011	2012	2013	2014	2015	2016	Total Samples	Annual Samples	Total Monitoring Events	Annual Monitoring Events	Total Burden	Annual Burden	Total Labor Cost	Annual Labor Cost	Total O&M Cost	Annual O&M Cost
<100	5,324	26,620	-	-	26,620	-	-	26,620	-	-	26,620	8,873	5,324	1,775	106,480	35,493	\$ 3,270,775	\$ 1,090,258	\$ 176,002	\$ 58,667
101-500	4,000	20,000	-	-	20,000	-	-	20,000	-	-	20,000	6,667	4,000	1,333	80,000	26,667	\$ 2,457,382	\$ 819,127	\$ 132,233	\$ 44,078
501-1K	1,045	10,450	-	-	10,450	-	-	10,450	-	-	10,450	3,483	1,045	348	41,800	13,933	\$ 1,283,982	\$ 427,994	\$ 69,092	\$ 23,031
1K-3.3K	459	4,590	-	-	4,590	-	-	4,590	-	-	4,590	1,530	459	153	18,360	6,120	\$ 563,969	\$ 187,990	\$ 30,348	\$ 10,116
3.3K-10K	75	-	-	1,500	-	-	1,500	-	-	1,500	1,500	500	75	25	6,000	2,000	\$ 184,304	\$ 61,435	\$ 9,917	\$ 3,306
10K-25K	7	-	-	210	-	-	210	-	-	210	210	70	7	2	840	280	\$ 25,803	\$ 8,601	\$ 1,388	\$ 463
25K-50K	4	-	-	120	-	-	120	-	-	120	120	40	4	1	480	160	\$ 14,744	\$ 4,915	\$ 793	\$ 264
50K-75K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
75K-100K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
100K-500K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
500K-1M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
> 1M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
<b>Total</b>	<b>10,914</b>	<b>61,660</b>	<b>-</b>	<b>1,830</b>	<b>61,660</b>	<b>-</b>	<b>1,830</b>	<b>61,660</b>	<b>-</b>	<b>1,830</b>	<b>63,490</b>	<b>21,163</b>	<b>10,914</b>	<b>3,638</b>	<b>253,960</b>	<b>84,653</b>	<b>\$ 7,800,959</b>	<b>\$ 2,600,320</b>	<b>\$ 419,774</b>	<b>\$ 139,925</b>
<b>GROUND WATER: ALL SYSTEMS</b>																				
Size Category	Number of Systems	Samples by Year (Representing 9-Year Compliance Cycle)									Summary of Monitoring, Burden, and Cost for ICR Period (2008-2011)									
		2008	2009	2010	2011	2012	2013	2014	2015	2016	Total Samples	Annual Samples	Total Monitoring Events	Annual Monitoring Events	Total Burden	Annual Burden	Total Labor Cost	Annual Labor Cost	Total O&M Cost	Annual O&M Cost
<100	12,578	62,890	-	-	62,890	-	-	62,890	-	-	62,890	20,963	12,578	4,193	251,560	83,853	\$ 7,727,237	\$ 2,575,746	\$ 415,807	\$ 138,602
101-500	12,352	61,760	-	-	61,760	-	-	61,760	-	-	61,760	20,587	12,352	4,117	247,040	82,347	\$ 7,588,395	\$ 2,529,465	\$ 408,336	\$ 136,112
501-1K	3,751	37,510	-	-	37,510	-	-	37,510	-	-	37,510	12,503	3,751	1,250	150,040	50,013	\$ 4,608,820	\$ 1,536,273	\$ 248,003	\$ 82,668
1K-3.3K	3,921	39,210	-	-	39,210	-	-	39,210	-	-	39,210	13,070	3,921	1,307	156,840	52,280	\$ 4,817,697	\$ 1,605,899	\$ 259,243	\$ 86,414
3.3K-10K	2,172	-	-	43,440	-	-	43,440	-	-	43,440	14,480	2,172	724	173,760	57,920	\$ 5,337,433	\$ 1,779,144	\$ 287,210	\$ 95,737	
10K-25K	740	-	-	22,200	-	-	22,200	-	-	22,200	7,400	740	247	88,800	29,600	\$ 2,727,694	\$ 909,231	\$ 146,779	\$ 48,926	
25K-50K	282	-	-	8,460	-	-	8,460	-	-	8,460	2,820	282	94	33,840	11,280	\$ 1,039,473	\$ 346,491	\$ 55,935	\$ 18,645	
50K-75K	116	-	3,480	-	-	3,480	-	-	3,480	-	3,480	1,160	116	39	13,920	4,640	\$ 427,584	\$ 142,528	\$ 23,009	\$ 7,670
75K-100K	31	-	930	-	-	930	-	-	930	-	930	310	31	10	3,720	1,240	\$ 114,268	\$ 38,089	\$ 6,149	\$ 2,050
100K-500K	68	-	3,400	-	-	3,400	-	-	3,400	-	3,400	1,133	68	23	13,600	4,533	\$ 417,755	\$ 139,252	\$ 22,480	\$ 7,493
500K-1M	4	-	200	-	-	200	-	-	200	-	200	67	4	1	800	267	\$ 24,574	\$ 8,191	\$ 1,322	\$ 441
> 1M	3	-	150	-	-	150	-	-	150	-	150	50	3	1	600	200	\$ 18,430	\$ 6,143	\$ 992	\$ 331
<b>Total</b>	<b>36,018</b>	<b>201,370</b>	<b>8,160</b>	<b>74,100</b>	<b>201,370</b>	<b>8,160</b>	<b>74,100</b>	<b>201,370</b>	<b>8,160</b>	<b>74,100</b>	<b>283,630</b>	<b>94,543</b>	<b>36,018</b>	<b>12,006</b>	<b>1,134,520</b>	<b>378,173</b>	<b>\$ 34,849,360</b>	<b>\$11,616,453</b>	<b>\$ 1,875,265</b>	<b>\$ 625,088</b>



**Exhibit 6 - TAP MONITORING FOR LEAD & COPPER - MONITORING, BURDEN, AND COST SUMMARY**

**SCENARIO 2a: Exceed>Install Treatment>No Longer Exceed (Study Required)**

GROUND WATER: CWSS																				
Size Category	Number of Systems	Samples by Year (Representing 9-Year Compliance Cycle)									Summary of Monitoring, Burden, and Cost for ICR Period (2008-2011)									
		2008	2009	2010	2011	2012	2013	2014	2015	2016	Total Samples	Annual Samples	Total Monitoring Events	Annual Monitoring Events	Total Burden	Annual Burden	Total Labor Cost	Annual Labor Cost	Total O&M Cost	Annual O&M Cost
		<100	692	-	-	3,460	-	-	3,460	-	-	3,460	3,460	1,153	692	231	13,840	4,613	\$ 425,127	\$ 141,709
101-500	808	-	-	4,040	-	-	4,040	-	-	4,040	4,040	1,347	808	269	16,160	5,387	\$ 496,391	\$ 165,464	\$ 26,711	\$ 8,904
501-1K	262	-	-	2,620	-	-	2,620	-	-	2,620	2,620	873	262	87	10,480	3,493	\$ 321,917	\$ 107,306	\$ 17,323	\$ 5,774
1K-3.3K	335	-	-	3,350	-	-	3,350	-	-	3,350	3,350	1,117	335	112	13,400	4,467	\$ 411,611	\$ 137,204	\$ 22,149	\$ 7,383
3.3K-10K	134	-	2,680	-	-	2,680	-	-	2,680	-	2,680	893	134	45	10,720	3,573	\$ 329,289	\$ 109,763	\$ 17,719	\$ 5,906
10K-25K	46	-	1,380	-	-	1,380	-	-	1,380	-	1,380	460	46	15	5,520	1,840	\$ 169,559	\$ 56,520	\$ 9,124	\$ 3,041
25K-50K	18	-	540	-	-	540	-	-	540	-	540	180	18	6	2,160	720	\$ 66,349	\$ 22,116	\$ 3,570	\$ 1,190
50K-75K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
75K-100K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
100K-500K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
500K-1M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
> 1M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
<b>Total</b>	<b>2,295</b>	<b>-</b>	<b>4,600</b>	<b>13,470</b>	<b>-</b>	<b>4,600</b>	<b>13,470</b>	<b>-</b>	<b>4,600</b>	<b>13,470</b>	<b>18,070</b>	<b>6,023</b>	<b>2,295</b>	<b>765</b>	<b>72,280</b>	<b>24,093</b>	<b>\$2,220,244</b>	<b>\$ 740,081</b>	<b>\$ 119,473</b>	<b>\$ 39,824</b>

  

GROUND WATER: NTCWSS																				
Size Category	Number of Systems	Samples by Year (Representing 9-Year Compliance Cycle)									Summary of Monitoring, Burden, and Cost for ICR Period (2008-2011)									
		2008	2009	2010	2011	2012	2013	2014	2015	2016	Total Samples	Annual Samples	Total Monitoring Events	Annual Monitoring Events	Total Burden	Annual Burden	Total Labor Cost	Annual Labor Cost	Total O&M Cost	Annual O&M Cost
		<100	490	-	-	2,450	-	-	2,450	-	-	2,450	2,450	817	490	163	9,800	3,267	\$ 301,029	\$ 100,343
101-500	372	-	-	1,860	-	-	1,860	-	-	1,860	1,860	620	372	124	7,440	2,480	\$ 228,537	\$ 76,179	\$ 12,298	\$ 4,099
501-1K	98	-	-	980	-	-	980	-	-	980	980	327	98	33	3,920	1,307	\$ 120,412	\$ 40,137	\$ 6,479	\$ 2,160
1K-3.3K	43	-	-	430	-	-	430	-	-	430	430	143	43	14	1,720	573	\$ 52,834	\$ 17,611	\$ 2,843	\$ 948
3.3K-10K	5	-	100	-	-	100	-	-	100	-	100	33	5	2	400	133	\$ 12,287	\$ 4,096	\$ 661	\$ 220
10K-25K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
25K-50K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
50K-75K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
75K-100K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
100K-500K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
500K-1M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
> 1M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
<b>Total</b>	<b>1,008</b>	<b>-</b>	<b>100</b>	<b>5,720</b>	<b>-</b>	<b>100</b>	<b>5,720</b>	<b>-</b>	<b>100</b>	<b>5,720</b>	<b>5,820</b>	<b>1,940</b>	<b>1,008</b>	<b>336</b>	<b>23,280</b>	<b>7,760</b>	<b>\$ 715,098</b>	<b>\$ 238,366</b>	<b>\$ 38,480</b>	<b>\$ 12,827</b>

  

GROUND WATER: ALL SYSTEMS																				
Size Category	Number of Systems	Samples by Year (Representing 9-Year Compliance Cycle)									Summary of Monitoring, Burden, and Cost for ICR Period (2008-2011)									
		2008	2009	2010	2011	2012	2013	2014	2015	2016	Total Samples	Annual Samples	Total Monitoring Events	Annual Monitoring Events	Total Burden	Annual Burden	Total Labor Cost	Annual Labor Cost	Total O&M Cost	Annual O&M Cost
		<100	1,182	-	-	5,910	-	-	5,910	-	-	5,910	5,910	1,970	1,182	394	23,640	7,880	\$ 726,156	\$ 242,052
101-500	1,180	-	-	5,900	-	-	5,900	-	-	5,900	5,900	1,967	1,180	393	23,600	7,867	\$ 724,928	\$ 241,643	\$ 39,009	\$ 13,003
501-1K	360	-	-	3,600	-	-	3,600	-	-	3,600	3,600	1,200	360	120	14,400	4,800	\$ 442,329	\$ 147,443	\$ 23,802	\$ 7,934
1K-3.3K	378	-	-	3,780	-	-	3,780	-	-	3,780	3,780	1,260	378	126	15,120	5,040	\$ 464,445	\$ 154,815	\$ 24,992	\$ 8,331
3.3K-10K	139	-	2,780	-	-	2,780	-	-	2,780	-	2,780	927	139	46	11,120	3,707	\$ 341,576	\$ 113,859	\$ 18,380	\$ 6,127
10K-25K	46	-	1,380	-	-	1,380	-	-	1,380	-	1,380	460	46	15	5,520	1,840	\$ 169,559	\$ 56,520	\$ 9,124	\$ 3,041
25K-50K	18	-	540	-	-	540	-	-	540	-	540	180	18	6	2,160	720	\$ 66,349	\$ 22,116	\$ 3,570	\$ 1,190
50K-75K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
75K-100K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
100K-500K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
500K-1M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
> 1M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
<b>Total</b>	<b>3,303</b>	<b>-</b>	<b>4,700</b>	<b>19,190</b>	<b>-</b>	<b>4,700</b>	<b>19,190</b>	<b>-</b>	<b>4,700</b>	<b>19,190</b>	<b>23,890</b>	<b>7,963</b>	<b>3,303</b>	<b>1,101</b>	<b>95,560</b>	<b>31,853</b>	<b>\$2,935,343</b>	<b>\$ 978,448</b>	<b>\$ 157,953</b>	<b>\$ 52,651</b>

Exhibit 6 - TAP MONITORING FOR LEAD & COPPER - MONITORING, BURDEN, AND COST SUMMARY (cont.)

SCENARIO 2a: Exceed>>Install Treatment>>No Longer Exceed (Study Required)(cont.)

SURFACE WATER: CWSS																				
Size Category	Number of Systems	Samples by Year (Representing 9-Year Compliance Cycle)									Summary of Monitoring, Burden, and Cost for ICR Period (2008-2011)									
		2008	2009	2010	2011	2012	2013	2014	2015	2016	Total Samples	Annual Samples	Total Monitoring Events	Annual Monitoring Events	Total Burden	Annual Burden	Total Labor Cost	Annual Labor Cost	Total O&M Cost	Annual O&M Cost
<100	67	-	-	335	-	-	335	-	-	335	335	112	67	22	1,340	447	\$ 41,161	\$ 738	\$ 2,215	\$ 738
101-500	122	-	-	610	-	-	610	-	-	610	610	203	122	41	2,440	813	\$ 74,950	\$ 2,689	\$ 4,033	\$ 1,344
501-1K	68	-	-	680	-	-	680	-	-	680	680	227	68	23	2,720	907	\$ 83,551	\$ 2,997	\$ 4,496	\$ 1,499
1K-3.3K	143	-	-	1,430	-	-	1,430	-	-	1,430	1,430	477	143	48	5,720	1,907	\$ 175,703	\$ 6,303	\$ 9,455	\$ 3,152
3.3K-10K	97	-	1,940	-	-	1,940	-	-	1,940	-	1,940	647	97	32	7,760	2,587	\$ 238,366	\$ 8,551	\$ 12,827	\$ 4,276
10K-25K	57	-	1,710	-	-	1,710	-	-	1,710	-	1,710	570	57	19	6,840	2,280	\$ 210,106	\$ 7,537	\$ 11,306	\$ 3,769
25K-50K	29	-	870	-	-	870	-	-	870	-	870	290	29	10	3,480	1,160	\$ 106,896	\$ 3,835	\$ 5,752	\$ 1,917
50K-75K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
75K-100K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
100K-500K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
500K-1M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
> 1M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
<b>Total</b>	<b>583</b>	-	<b>4,520</b>	<b>3,055</b>	-	<b>4,520</b>	<b>3,055</b>	-	<b>4,520</b>	<b>3,055</b>	<b>7,575</b>	<b>2,525</b>	<b>583</b>	<b>194</b>	<b>30,300</b>	<b>10,100</b>	<b>\$ 930,733</b>	<b>\$ 32,651</b>	<b>\$ 50,083</b>	<b>\$ 16,694</b>
SURFACE WATER: NTNCWSS																				
Size Category	Number of Systems	Samples by Year (Representing 9-Year Compliance Cycle)									Summary of Monitoring, Burden, and Cost for ICR Period (2008-2011)									
		2008	2009	2010	2011	2012	2013	2014	2015	2016	Total Samples	Annual Samples	Total Monitoring Events	Annual Monitoring Events	Total Burden	Annual Burden	Total Labor Cost	Annual Labor Cost	Total O&M Cost	Annual O&M Cost
<100	14	-	-	70	-	-	70	-	-	70	70	23	14	5	280	93	\$ 8,601	\$ 2,867	\$ 463	\$ 154
101-500	13	-	-	65	-	-	65	-	-	65	65	22	13	4	260	87	\$ 7,986	\$ 2,662	\$ 430	\$ 143
501-1K	5	-	-	50	-	-	50	-	-	50	50	17	5	2	200	67	\$ 6,143	\$ 2,048	\$ 331	\$ 110
1K-3.3K	4	-	-	40	-	-	40	-	-	40	40	13	4	1	160	53	\$ 4,915	\$ 1,638	\$ 264	\$ 88
3.3K-10K	1	-	20	-	-	20	-	-	20	-	20	7	1	0	80	27	\$ 2,457	\$ 819	\$ 132	\$ 44
10K-25K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
25K-50K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
50K-75K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
75K-100K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
100K-500K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
500K-1M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
> 1M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
<b>Total</b>	<b>37</b>	-	<b>20</b>	<b>225</b>	-	<b>20</b>	<b>225</b>	-	<b>20</b>	<b>225</b>	<b>245</b>	<b>82</b>	<b>37</b>	<b>12</b>	<b>980</b>	<b>327</b>	<b>\$ 30,103</b>	<b>\$ 10,034</b>	<b>\$ 1,620</b>	<b>\$ 540</b>
SURFACE WATER: ALL SYSTEMS																				
Size Category	Number of Systems	Samples by Year (Representing 9-Year Compliance Cycle)									Summary of Monitoring, Burden, and Cost for ICR Period (2008-2011)									
		2008	2009	2010	2011	2012	2013	2014	2015	2016	Total Samples	Annual Samples	Total Monitoring Events	Annual Monitoring Events	Total Burden	Annual Burden	Total Labor Cost	Annual Labor Cost	Total O&M Cost	Annual O&M Cost
<100	81	-	-	405	-	-	405	-	-	405	405	135	81	27	1,620	540	\$ 49,762	\$ 3,605	\$ 2,678	\$ 893
101-500	135	-	-	675	-	-	675	-	-	675	675	225	135	45	2,700	900	\$ 82,937	\$ 5,351	\$ 4,463	\$ 1,488
501-1K	73	-	-	730	-	-	730	-	-	730	730	243	73	24	2,920	973	\$ 89,694	\$ 5,045	\$ 4,827	\$ 1,609
1K-3.3K	147	-	-	1,470	-	-	1,470	-	-	1,470	1,470	490	147	49	5,880	1,960	\$ 180,618	\$ 7,941	\$ 9,719	\$ 3,240
3.3K-10K	98	-	1,960	-	-	1,960	-	-	1,960	-	1,960	653	98	33	7,840	2,613	\$ 240,823	\$ 9,370	\$ 12,959	\$ 4,320
10K-25K	57	-	1,710	-	-	1,710	-	-	1,710	-	1,710	570	57	19	6,840	2,280	\$ 210,106	\$ 7,537	\$ 11,306	\$ 3,769
25K-50K	29	-	870	-	-	870	-	-	870	-	870	290	29	10	3,480	1,160	\$ 106,896	\$ 3,835	\$ 5,752	\$ 1,917
50K-75K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
75K-100K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
100K-500K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
500K-1M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
> 1M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
<b>Total</b>	<b>620</b>	-	<b>4,540</b>	<b>3,280</b>	-	<b>4,540</b>	<b>3,280</b>	-	<b>4,540</b>	<b>3,280</b>	<b>7,820</b>	<b>2,607</b>	<b>620</b>	<b>207</b>	<b>31,280</b>	<b>10,427</b>	<b>\$ 960,836</b>	<b>\$ 42,685</b>	<b>\$ 51,703</b>	<b>\$ 17,234</b>

Exhibit 6 - TAP MONITORING FOR LEAD & COPPER - MONITORING, BURDEN, AND COST SUMMARY

SCENARIO 2b: Exceed->Install Treatment->No Longer Exceed (No Study Required)

GROUND WATER: CWSs																				
Size Category	Number of Systems	Samples by Year (Representing 9-Year Compliance Cycle)									Summary of Monitoring, Burden, and Cost for ICR Period (2008-2011)									
		2008	2009	2010	2011	2012	2013	2014	2015	2016	Total Samples	Annual Samples	Total Monitoring Events	Annual Monitoring Events	Total Burden	Annual Burden	Total Labor Cost	Annual Labor Cost	Total O&M Cost	Annual O&M Cost
<100	2,075	-	10,375	-	-	10,375	-	-	10,375	-	10,375	3,458	2,075	692	41,500	13,833	\$ 1,274,767	\$ 424,922	\$ 68,596	\$ 22,865
101-500	2,425	-	12,125	-	-	12,125	-	-	12,125	-	12,125	4,042	2,425	808	48,500	16,167	\$ 1,489,788	\$ 496,596	\$ 80,166	\$ 26,722
501-1K	786	-	7,860	-	-	7,860	-	-	7,860	-	7,860	2,620	786	262	31,440	10,480	\$ 965,751	\$ 321,917	\$ 51,968	\$ 17,323
1K-3.3K	1,006	-	10,060	-	-	10,060	-	-	10,060	-	10,060	3,353	1,006	335	40,240	13,413	\$ 1,236,063	\$ 412,021	\$ 66,513	\$ 22,171
3.3K-10K	401	8,020	-	-	8,020	-	-	8,020	-	-	8,020	2,673	401	134	32,080	10,693	\$ 985,410	\$ 328,470	\$ 53,026	\$ 17,675
10K-25K	139	4,170	-	-	4,170	-	-	4,170	-	-	4,170	1,390	139	46	16,680	5,560	\$ 512,364	\$ 170,788	\$ 27,571	\$ 9,190
25K-50K	53	1,590	-	-	1,590	-	-	1,590	-	-	1,590	530	53	18	6,360	2,120	\$ 195,362	\$ 65,121	\$ 10,513	\$ 3,504
50K-75K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
75K-100K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
100K-500K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
500K-1M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
> 1M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
Total	6,885	13,780	40,420	-	13,780	40,420	-	13,780	40,420	-	54,200	18,067	6,885	2,295	216,800	72,267	\$ 6,659,505	\$ 2,219,835	\$ 358,352	\$ 119,451

  

GROUND WATER: NTNCWSs																				
Size Category	Number of Systems	Samples by Year (Representing 9-Year Compliance Cycle)									Summary of Monitoring, Burden, and Cost for ICR Period (2008-2011)									
		2008	2009	2010	2011	2012	2013	2014	2015	2016	Total Samples	Annual Samples	Total Monitoring Events	Annual Monitoring Events	Total Burden	Annual Burden	Total Labor Cost	Annual Labor Cost	Total O&M Cost	Annual O&M Cost
<100	1,471	-	7,355	-	-	7,355	-	-	7,355	-	7,355	2,452	1,471	490	29,420	9,807	\$ 903,702	\$ 301,234	\$ 48,629	\$ 16,210
101-500	1,117	-	5,585	-	-	5,585	-	-	5,585	-	5,585	1,862	1,117	372	22,340	7,447	\$ 686,224	\$ 228,741	\$ 36,926	\$ 12,309
501-1K	293	-	2,930	-	-	2,930	-	-	2,930	-	2,930	977	293	98	11,720	3,907	\$ 360,006	\$ 120,002	\$ 19,372	\$ 6,457
1K-3.3K	129	-	1,290	-	-	1,290	-	-	1,290	-	1,290	430	129	43	5,160	1,720	\$ 158,501	\$ 52,834	\$ 8,529	\$ 2,843
3.3K-10K	15	300	-	-	300	-	-	300	-	-	300	100	15	5	1,200	400	\$ 36,861	\$ 12,287	\$ 1,983	\$ 661
10K-25K	1	30	-	-	30	-	-	30	-	-	30	10	1	0	120	40	\$ 3,686	\$ 1,229	\$ 198	\$ 66
25K-50K	1	30	-	-	30	-	-	30	-	-	30	10	1	0	120	40	\$ 3,686	\$ 1,229	\$ 198	\$ 66
50K-75K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
75K-100K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
100K-500K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
500K-1M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
> 1M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
Total	3,027	360	17,160	-	360	17,160	-	360	17,160	-	17,520	5,840	3,027	1,009	70,080	23,360	\$ 2,152,666	\$ 717,555	\$ 115,836	\$ 38,612

  

GROUND WATER: ALL SYSTEMS																				
Size Category	Number of Systems	Samples by Year (Representing 9-Year Compliance Cycle)									Summary of Monitoring, Burden, and Cost for ICR Period (2008-2011)									
		2008	2009	2010	2011	2012	2013	2014	2015	2016	Total Samples	Annual Samples	Total Monitoring Events	Annual Monitoring Events	Total Burden	Annual Burden	Total Labor Cost	Annual Labor Cost	Total O&M Cost	Annual O&M Cost
<100	3,546	-	17,730	-	-	17,730	-	-	17,730	-	17,730	5,910	3,546	1,182	70,920	23,640	\$ 2,178,469	\$ 726,156	\$ 117,225	\$ 39,075
101-500	3,542	-	17,710	-	-	17,710	-	-	17,710	-	17,710	5,903	3,542	1,181	70,840	23,613	\$ 2,176,012	\$ 725,337	\$ 117,092	\$ 39,031
501-1K	1,079	-	10,790	-	-	10,790	-	-	10,790	-	10,790	3,597	1,079	360	43,160	14,387	\$ 1,325,757	\$ 441,919	\$ 71,340	\$ 23,780
1K-3.3K	1,135	-	11,350	-	-	11,350	-	-	11,350	-	11,350	3,783	1,135	378	45,400	15,133	\$ 1,394,564	\$ 464,855	\$ 75,042	\$ 25,014
3.3K-10K	416	8,320	-	-	8,320	-	-	8,320	-	-	8,320	2,773	416	139	33,280	11,093	\$ 1,022,271	\$ 340,757	\$ 55,009	\$ 18,336
10K-25K	140	4,200	-	-	4,200	-	-	4,200	-	-	4,200	1,400	140	47	16,800	5,600	\$ 516,050	\$ 172,017	\$ 27,769	\$ 9,256
25K-50K	54	1,620	-	-	1,620	-	-	1,620	-	-	1,620	540	54	18	6,480	2,160	\$ 199,048	\$ 66,349	\$ 10,711	\$ 3,570
50K-75K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
75K-100K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
100K-500K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
500K-1M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
> 1M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
Total	9,912	14,140	57,580	-	14,140	57,580	-	14,140	57,580	-	71,720	23,907	9,912	3,304	286,880	95,627	\$ 8,812,171	\$ 2,937,390	\$ 474,188	\$ 158,063

Exhibit 6 - TAP MONITORING FOR LEAD & COPPER - MONITORING, BURDEN AND COST SUMMARY (Cont.)

SCENARIO 2b: Exceed->Install Treatment->No Longer Exceed (No Study Required) (cont.)

SURFACE WATER: CWSs																				
Size Category	Number of Systems	Samples by Year (Representing 9-Year Compliance Cycle)									Summary of Monitoring, Burden, and Cost for ICR Period (2008-2011)									
		2008	2009	2010	2011	2012	2013	2014	2015	2016	Total Samples	Annual Samples	Total Monitoring Events	Annual Monitoring Events	Total Burden	Annual Burden	Total Labor Cost	Annual Labor Cost	Total O&M Cost	Annual O&M Cost
		<100	202	-	1,010	-	-	1,010	-	-	1,010	-	1,010	337	202	67	4,040	1,347	\$ 124,098	\$ 2,226
101-500	365	-	1,825	-	-	1,825	-	-	1,825	-	1,825	608	365	122	7,300	2,433	\$ 224,236	\$ 8,044	\$ 12,066	\$ 4,022
501-1K	203	-	2,030	-	-	2,030	-	-	2,030	-	2,030	677	203	68	8,120	2,707	\$ 249,424	\$ 8,948	\$ 13,422	\$ 4,474
1K-3.3K	428	-	4,280	-	-	4,280	-	-	4,280	-	4,280	1,427	428	143	17,120	5,707	\$ 525,880	\$ 18,865	\$ 28,298	\$ 9,433
3.3K-10K	290	5,800	-	-	5,800	-	-	5,800	-	-	5,800	1,933	290	97	23,200	7,733	\$ 712,641	\$ 25,565	\$ 38,348	\$ 12,783
10K-25K	172	5,160	-	-	5,160	-	-	5,160	-	-	5,160	1,720	172	57	20,640	6,880	\$ 634,005	\$ 22,744	\$ 34,116	\$ 11,372
25K-50K	88	2,640	-	-	2,640	-	-	2,640	-	-	2,640	880	88	29	10,560	3,520	\$ 324,374	\$ 11,637	\$ 17,455	\$ 5,818
50K-75K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
75K-100K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
100K-500K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
500K-1M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
> 1M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
Total	1,748	13,600	9,145	-	13,600	9,145	-	13,600	9,145	-	22,745	7,582	1,748	583	90,980	30,327	\$ 2,794,657	\$ 98,029	\$ 150,382	\$ 50,127
SURFACE WATER: NTNCWSs																				
Size Category	Number of Systems	Samples by Year (Representing 9-Year Compliance Cycle)									Summary of Monitoring, Burden, and Cost for ICR Period (2008-2011)									
		2008	2009	2010	2011	2012	2013	2014	2015	2016	Total Samples	Annual Samples	Total Monitoring Events	Annual Monitoring Events	Total Burden	Annual Burden	Total Labor Cost	Annual Labor Cost	Total O&M Cost	Annual O&M Cost
		<100	43	-	215	-	-	215	-	-	215	-	215	72	43	14	860	287	\$ 26,417	\$ 8,806
101-500	40	-	200	-	-	200	-	-	200	-	200	67	40	13	800	267	\$ 24,574	\$ 8,191	\$ 1,322	\$ 441
501-1K	15	-	150	-	-	150	-	-	150	-	150	50	15	5	600	200	\$ 18,430	\$ 6,143	\$ 992	\$ 331
1K-3.3K	11	-	110	-	-	110	-	-	110	-	110	37	11	4	440	147	\$ 13,516	\$ 4,505	\$ 727	\$ 242
3.3K-10K	3	60	-	-	60	-	-	60	-	-	60	20	3	1	240	80	\$ 7,372	\$ 2,457	\$ 397	\$ 132
10K-25K	1	30	-	-	30	-	-	30	-	-	30	10	1	0	120	40	\$ 3,686	\$ 1,229	\$ 198	\$ 66
25K-50K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
50K-75K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
75K-100K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
100K-500K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
500K-1M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
> 1M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
Total	113	90	675	-	90	675	-	90	675	-	765	255	113	38	3,060	1,020	\$ 93,995	\$ 31,332	\$ 5,058	\$ 1,686
SURFACE WATER: ALL SYSTEMS																				
Size Category	Number of Systems	Samples by Year (Representing 9-Year Compliance Cycle)									Summary of Monitoring, Burden, and Cost for ICR Period (2008-2011)									
		2008	2009	2010	2011	2012	2013	2014	2015	2016	Total Samples	Annual Samples	Total Monitoring Events	Annual Monitoring Events	Total Burden	Annual Burden	Total Labor Cost	Annual Labor Cost	Total O&M Cost	Annual O&M Cost
		<100	245	-	1,225	-	-	1,225	-	-	1,225	-	1,225	408	245	82	4,900	1,633	\$ 150,515	\$ 11,032
101-500	405	-	2,025	-	-	2,025	-	-	2,025	-	2,025	675	405	135	8,100	2,700	\$ 248,810	\$ 16,235	\$ 13,389	\$ 4,463
501-1K	218	-	2,180	-	-	2,180	-	-	2,180	-	2,180	727	218	73	8,720	2,907	\$ 267,855	\$ 15,091	\$ 14,413	\$ 4,804
1K-3.3K	439	-	4,390	-	-	4,390	-	-	4,390	-	4,390	1,463	439	146	17,560	5,853	\$ 539,395	\$ 23,370	\$ 29,025	\$ 9,675
3.3K-10K	293	5,860	-	-	5,860	-	-	5,860	-	-	5,860	1,953	293	98	23,440	7,813	\$ 720,013	\$ 28,022	\$ 38,744	\$ 12,915
10K-25K	173	5,190	-	-	5,190	-	-	5,190	-	-	5,190	1,730	173	58	20,760	6,920	\$ 637,691	\$ 23,973	\$ 34,315	\$ 11,438
25K-50K	88	2,640	-	-	2,640	-	-	2,640	-	-	2,640	880	88	29	10,560	3,520	\$ 324,374	\$ 11,637	\$ 17,455	\$ 5,818
50K-75K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
75K-100K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
100K-500K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
500K-1M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
> 1M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
Total	1,861	13,690	9,820	-	13,690	9,820	-	13,690	9,820	-	23,510	7,837	1,861	620	94,040	31,347	\$ 2,888,652	\$ 129,360	\$ 155,440	\$ 51,813

**Exhibit 6 - TAP MONITORING FOR LEAD & COPPER - MONITORING, BURDEN, AND COST SUMMARY**

**SCENARIO 3a: Exceed>>Install Treatment>>Still Exceed (Study Required)**

GROUND WATER: CWSs																				
Size Category	Number of Systems	Samples by Year (Representing 9-Year Compliance Cycle)									Summary of Monitoring, Burden, and Cost for ICR Period (2008-2011)									
		2008	2009	2010	2011	2012	2013	2014	2015	2016	Total Samples	Annual Samples	Total Monitoring Events	Annual Monitoring Events	Total Burden	Annual Burden	Total Labor Cost	Annual Labor Cost	Total O&M Cost	Annual O&M Cost
		<100	42	420	420	420	420	420	420	420	420	420	1,260	420	252	84	5,040	1,680	\$ 154,815	\$ 51,605
101-500	34	340	340	340	340	340	340	340	340	340	1,020	340	204	68	4,080	1,360	\$ 125,326	\$ 41,775	\$ 6,744	\$ 2,248
501-1K	11	220	220	220	220	220	220	220	220	220	660	220	66	22	2,640	880	\$ 81,094	\$ 27,031	\$ 4,364	\$ 1,455
1K-3.3K	14	280	280	280	280	280	280	280	280	280	840	280	84	28	3,360	1,120	\$ 103,210	\$ 34,403	\$ 5,554	\$ 1,851
3.3K-10K	8	320	320	320	320	320	320	320	320	320	960	320	48	16	3,840	1,280	\$ 117,954	\$ 39,318	\$ 6,347	\$ 2,116
10K-25K	3	180	180	180	180	180	180	180	180	180	540	180	18	6	2,160	720	\$ 66,349	\$ 22,116	\$ 3,570	\$ 1,190
25K-50K	1	60	60	60	60	60	60	60	60	60	180	60	6	2	720	240	\$ 22,116	\$ 7,372	\$ 1,190	\$ 397
50K-75K	2	120	120	120	120	120	120	120	120	120	360	120	12	4	1,440	480	\$ 44,233	\$ 14,744	\$ 2,380	\$ 793
75K-100K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
100K-500K	1	100	100	100	100	100	100	100	100	100	300	100	6	2	1,200	400	\$ 36,861	\$ 12,287	\$ 1,983	\$ 661
500K-1M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
> 1M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
<b>Total</b>	<b>116</b>	<b>2,040</b>	<b>2,040</b>	<b>2,040</b>	<b>2,040</b>	<b>2,040</b>	<b>2,040</b>	<b>2,040</b>	<b>2,040</b>	<b>2,040</b>	<b>6,120</b>	<b>2,040</b>	<b>696</b>	<b>232</b>	<b>24,480</b>	<b>8,160</b>	<b>\$ 751,959</b>	<b>\$ 250,653</b>	<b>\$ 40,463</b>	<b>\$ 13,488</b>
GROUND WATER: NNTCWSs																				
Size Category	Number of Systems	Samples by Year (Representing 9-Year Compliance Cycle)									Summary of Monitoring, Burden, and Cost for ICR Period (2008-2011)									
		2008	2009	2010	2011	2012	2013	2014	2015	2016	Total Samples	Annual Samples	Total Monitoring Events	Annual Monitoring Events	Total Burden	Annual Burden	Total Labor Cost	Annual Labor Cost	Total O&M Cost	Annual O&M Cost
		<100	53	530	530	530	530	530	530	530	530	530	1,590	530	318	106	6,360	2,120	\$ 195,362	\$ 65,121
101-500	35	350	350	350	350	350	350	350	350	350	1,050	350	210	70	4,200	1,400	\$ 129,013	\$ 43,004	\$ 6,942	\$ 2,314
501-1K	8	160	160	160	160	160	160	160	160	160	480	160	48	16	1,920	640	\$ 58,977	\$ 19,659	\$ 3,174	\$ 1,058
1K-3.3K	4	80	80	80	80	80	80	80	80	80	240	80	24	8	960	320	\$ 29,489	\$ 9,830	\$ 1,587	\$ 529
3.3K-10K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
10K-25K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
25K-50K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
50K-75K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
75K-100K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
100K-500K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
500K-1M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
> 1M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
<b>Total</b>	<b>100</b>	<b>1,120</b>	<b>1,120</b>	<b>1,120</b>	<b>1,120</b>	<b>1,120</b>	<b>1,120</b>	<b>1,120</b>	<b>1,120</b>	<b>1,120</b>	<b>3,360</b>	<b>1,120</b>	<b>600</b>	<b>200</b>	<b>13,440</b>	<b>4,480</b>	<b>\$ 412,840</b>	<b>\$ 137,613</b>	<b>\$ 22,215</b>	<b>\$ 7,405</b>
GROUND WATER: ALL SYSTEMS																				
Size Category	Number of Systems	Samples by Year (Representing 9-Year Compliance Cycle)									Summary of Monitoring, Burden, and Cost for ICR Period (2008-2011)									
		2008	2009	2010	2011	2012	2013	2014	2015	2016	Total Samples	Annual Samples	Total Monitoring Events	Annual Monitoring Events	Total Burden	Annual Burden	Total Labor Cost	Annual Labor Cost	Total O&M Cost	Annual O&M Cost
		<100	95	950	950	950	950	950	950	950	950	950	2,850	950	570	190	11,400	3,800	\$ 350,177	\$ 116,726
101-500	69	690	690	690	690	690	690	690	690	690	2,070	690	414	138	8,280	2,760	\$ 254,339	\$ 84,780	\$ 13,686	\$ 4,562
501-1K	19	380	380	380	380	380	380	380	380	380	1,140	380	114	38	4,560	1,520	\$ 140,071	\$ 46,690	\$ 7,537	\$ 2,512
1K-3.3K	18	360	360	360	360	360	360	360	360	360	1,080	360	108	36	4,320	1,440	\$ 132,699	\$ 44,233	\$ 7,141	\$ 2,380
3.3K-10K	8	320	320	320	320	320	320	320	320	320	960	320	48	16	3,840	1,280	\$ 117,954	\$ 39,318	\$ 6,347	\$ 2,116
10K-25K	3	180	180	180	180	180	180	180	180	180	540	180	18	6	2,160	720	\$ 66,349	\$ 22,116	\$ 3,570	\$ 1,190
25K-50K	1	60	60	60	60	60	60	60	60	60	180	60	6	2	720	240	\$ 22,116	\$ 7,372	\$ 1,190	\$ 397
50K-75K	2	120	120	120	120	120	120	120	120	120	360	120	12	4	1,440	480	\$ 44,233	\$ 14,744	\$ 2,380	\$ 793
75K-100K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
100K-500K	1	100	100	100	100	100	100	100	100	100	300	100	6	2	1,200	400	\$ 36,861	\$ 12,287	\$ 1,983	\$ 661
500K-1M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
> 1M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
<b>Total</b>	<b>216</b>	<b>3,160</b>	<b>3,160</b>	<b>3,160</b>	<b>3,160</b>	<b>3,160</b>	<b>3,160</b>	<b>3,160</b>	<b>3,160</b>	<b>3,160</b>	<b>9,480</b>	<b>3,160</b>	<b>1,296</b>	<b>432</b>	<b>37,920</b>	<b>12,640</b>	<b>\$ 1,164,799</b>	<b>\$ 388,266</b>	<b>\$ 62,679</b>	<b>\$ 20,893</b>

Exhibit 6 - TAP MONITORING FOR LEAD & COPPER - MONITORING, BURDEN, AND COST SUMMARY (cont.)

Scenario 3a: Exceed>>Install Treatment>>Still Exceed (Study Required) (cont.)

SURFACE WATER: CWSs																				
Size Category	Number of Systems	Samples by Year (Representing 9-Year Compliance Cycle)									Summary of Monitoring, Burden, and Cost for ICR Period (2008-2011)									
		2008	2009	2010	2011	2012	2013	2014	2015	2016	Total Samples	Annual Samples	Total Monitoring Events	Annual Monitoring Events	Total Burden	Annual Burden	Total Labor Cost	Annual Labor Cost	Total O&M Cost	Annual O&M Cost
		2008	2009	2010	2011	2012	2013	2014	2015	2016	Total Samples	Annual Samples	Total Monitoring Events	Annual Monitoring Events	Total Burden	Annual Burden	Total Labor Cost	Annual Labor Cost	Total O&M Cost	Annual O&M Cost
<100	4	40	40	40	40	40	40	40	40	40	120	40	24	8	480	160	\$ 14,744	\$ 264	\$ 793	\$ 264
101-500	5	50	50	50	50	50	50	50	50	50	150	50	30	10	600	200	\$ 18,430	\$ 661	\$ 992	\$ 331
501-1K	3	60	60	60	60	60	60	60	60	60	180	60	18	6	720	240	\$ 22,116	\$ 793	\$ 1,190	\$ 397
1K-3.3K	6	120	120	120	120	120	120	120	120	120	360	120	36	12	1,440	480	\$ 44,233	\$ 1,587	\$ 2,380	\$ 793
3.3K-10K	6	240	240	240	240	240	240	240	240	240	720	240	36	12	2,880	960	\$ 88,466	\$ 3,174	\$ 4,760	\$ 1,587
10K-25K	4	240	240	240	240	240	240	240	240	240	720	240	24	8	2,880	960	\$ 88,466	\$ 3,174	\$ 4,760	\$ 1,587
25K-50K	2	120	120	120	120	120	120	120	120	120	360	120	12	4	1,440	480	\$ 44,233	\$ 1,587	\$ 2,380	\$ 793
50K-75K	3	180	180	180	180	180	180	180	180	180	540	180	18	6	2,160	720	\$ 66,349	\$ 2,380	\$ 3,570	\$ 1,190
75K-100K	2	120	120	120	120	120	120	120	120	120	360	120	12	4	1,440	480	\$ 44,233	\$ 1,587	\$ 2,380	\$ 793
100K-500K	4	400	400	400	400	400	400	400	400	400	1,200	400	24	8	4,800	1,600	\$ 147,443	\$ 5,289	\$ 7,934	\$ 2,645
500K-1M	1	100	100	100	100	100	100	100	100	100	300	100	6	2	1,200	400	\$ 36,861	\$ 1,322	\$ 1,983	\$ 661
> 1M	1	100	100	100	100	100	100	100	100	100	300	100	6	2	1,200	400	\$ 36,861	\$ 1,322	\$ 1,983	\$ 661
Total	41	1,770	1,770	1,770	1,770	1,770	1,770	1,770	1,770	1,770	5,310	1,770	246	82	21,240	7,080	\$ 652,435	\$ 23,141	\$ 35,108	\$ 11,703
SURFACE WATER: NNTCWSs																				
Size Category	Number of Systems	Samples by Year (Representing 9-Year Compliance Cycle)									Summary of Monitoring, Burden, and Cost for ICR Period (2008-2011)									
		2008	2009	2010	2011	2012	2013	2014	2015	2016	Total Samples	Annual Samples	Total Monitoring Events	Annual Monitoring Events	Total Burden	Annual Burden	Total Labor Cost	Annual Labor Cost	Total O&M Cost	Annual O&M Cost
		2008	2009	2010	2011	2012	2013	2014	2015	2016	Total Samples	Annual Samples	Total Monitoring Events	Annual Monitoring Events	Total Burden	Annual Burden	Total Labor Cost	Annual Labor Cost	Total O&M Cost	Annual O&M Cost
<100	2	20	20	20	20	20	20	20	20	20	60	20	12	4	240	80	\$ 7,372	\$ 2,457	\$ 397	\$ 132
101-500	1	10	10	10	10	10	10	10	10	10	30	10	6	2	120	40	\$ 3,686	\$ 1,229	\$ 198	\$ 66
501-1K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
1K-3.3K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
3.3K-10K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
10K-25K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
25K-50K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
50K-75K	1	60	60	60	60	60	60	60	60	60	180	60	6	2	720	240	\$ 22,116	\$ 7,372	\$ 1,190	\$ 397
75K-100K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
100K-500K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
500K-1M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
> 1M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
Total	4	90	90	90	90	90	90	90	90	90	270	90	24	8	1,080	360	\$ 33,175	\$ 11,058	\$ 1,785	\$ 595
SURFACE WATER: ALL SYSTEMS																				
Size Category	Number of Systems	Samples by Year (Representing 9-Year Compliance Cycle)									Summary of Monitoring, Burden, and Cost for ICR Period (2008-2011)									
		2008	2009	2010	2011	2012	2013	2014	2015	2016	Total Samples	Annual Samples	Total Monitoring Events	Annual Monitoring Events	Total Burden	Annual Burden	Total Labor Cost	Annual Labor Cost	Total O&M Cost	Annual O&M Cost
		2008	2009	2010	2011	2012	2013	2014	2015	2016	Total Samples	Annual Samples	Total Monitoring Events	Annual Monitoring Events	Total Burden	Annual Burden	Total Labor Cost	Annual Labor Cost	Total O&M Cost	Annual O&M Cost
<100	6	60	60	60	60	60	60	60	60	60	180	60	36	12	720	240	\$ 22,116	\$ 2,722	\$ 1,190	\$ 397
101-500	6	60	60	60	60	60	60	60	60	60	180	60	36	12	720	240	\$ 22,116	\$ 1,890	\$ 1,190	\$ 397
501-1K	3	60	60	60	60	60	60	60	60	60	180	60	18	6	720	240	\$ 22,116	\$ 793	\$ 1,190	\$ 397
1K-3.3K	6	120	120	120	120	120	120	120	120	120	360	120	36	12	1,440	480	\$ 44,233	\$ 1,587	\$ 2,380	\$ 793
3.3K-10K	6	240	240	240	240	240	240	240	240	240	720	240	36	12	2,880	960	\$ 88,466	\$ 3,174	\$ 4,760	\$ 1,587
10K-25K	4	240	240	240	240	240	240	240	240	240	720	240	24	8	2,880	960	\$ 88,466	\$ 3,174	\$ 4,760	\$ 1,587
25K-50K	2	120	120	120	120	120	120	120	120	120	360	120	12	4	1,440	480	\$ 44,233	\$ 1,587	\$ 2,380	\$ 793
50K-75K	4	240	240	240	240	240	240	240	240	240	720	240	24	8	2,880	960	\$ 88,466	\$ 9,752	\$ 4,760	\$ 1,587
75K-100K	2	120	120	120	120	120	120	120	120	120	360	120	12	4	1,440	480	\$ 44,233	\$ 1,587	\$ 2,380	\$ 793
100K-500K	4	400	400	400	400	400	400	400	400	400	1,200	400	24	8	4,800	1,600	\$ 147,443	\$ 5,289	\$ 7,934	\$ 2,645
500K-1M	1	100	100	100	100	100	100	100	100	100	300	100	6	2	1,200	400	\$ 36,861	\$ 1,322	\$ 1,983	\$ 661
> 1M	1	100	100	100	100	100	100	100	100	100	300	100	6	2	1,200	400	\$ 36,861	\$ 1,322	\$ 1,983	\$ 661
Total	45	1,860	1,860	1,860	1,860	1,860	1,860	1,860	1,860	1,860	5,580	1,860	270	90	22,320	7,440	\$ 685,610	\$ 34,199	\$ 36,893	\$ 12,298



**Exhibit 6 - TAP MONITORING FOR LEAD & COPPER - MONITORING, BURDEN, AND COST SUMMARY**

SCENARIO 3b: Exceed>>Install Treatment>>Still Exceed (No Study Required)

GROUND WATER: CWSs																				
Size Category	Number of Systems	Samples by Year (Representing 9-Year Compliance Cycle)									Summary of Monitoring, Burden, and Cost for ICR Period (2008-2011)									
		2008	2009	2010	2011	2012	2013	2014	2015	2016	Total Samples	Annual Samples	Total Monitoring Events	Annual Monitoring Events	Total Burden	Annual Burden	Total Labor Cost	Annual Labor Cost	Total O&M Cost	Annual O&M Cost
<100	126	1,260	1,260	1,260	1,260	1,260	1,260	1,260	1,260	1,260	3,780	1,260	756	252	15,120	5,040	\$ 464,445	\$ 154,815	\$ 24,992	\$ 8,331
101-500	101	1,010	1,010	1,010	1,010	1,010	1,010	1,010	1,010	1,010	3,030	1,010	606	202	12,120	4,040	\$ 372,293	\$ 124,098	\$ 20,033	\$ 6,678
501-1K	33	660	660	660	660	660	660	660	660	660	1,980	660	198	66	7,920	2,640	\$ 243,281	\$ 81,094	\$ 13,091	\$ 4,364
1K-3.3K	41	820	820	820	820	820	820	820	820	820	2,460	820	246	82	9,840	3,280	\$ 302,258	\$ 100,753	\$ 16,265	\$ 5,422
3.3K-10K	23	920	920	920	920	920	920	920	920	920	2,760	920	138	46	11,040	3,680	\$ 339,119	\$ 113,040	\$ 18,248	\$ 6,083
10K-25K	9	540	540	540	540	540	540	540	540	540	1,620	540	54	18	6,480	2,160	\$ 199,048	\$ 66,349	\$ 10,711	\$ 3,570
25K-50K	3	180	180	180	180	180	180	180	180	180	540	180	18	6	2,160	720	\$ 66,349	\$ 22,116	\$ 3,570	\$ 1,190
50K-75K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
75K-100K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
100K-500K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
500K-1M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
> 1M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
<b>Total</b>	<b>336</b>	<b>5,390</b>	<b>5,390</b>	<b>5,390</b>	<b>5,390</b>	<b>5,390</b>	<b>5,390</b>	<b>5,390</b>	<b>5,390</b>	<b>5,390</b>	<b>16,170</b>	<b>5,390</b>	<b>2,016</b>	<b>672</b>	<b>64,680</b>	<b>21,560</b>	<b>\$ 1,986,793</b>	<b>\$ 662,264</b>	<b>\$ 106,911</b>	<b>\$ 35,637</b>
GROUND WATER: NTCWSs																				
Size Category	Number of Systems	Samples by Year (Representing 9-Year Compliance Cycle)									Summary of Monitoring, Burden, and Cost for ICR Period (2008-2011)									
		2008	2009	2010	2011	2012	2013	2014	2015	2016	Total Samples	Annual Samples	Total Monitoring Events	Annual Monitoring Events	Total Burden	Annual Burden	Total Labor Cost	Annual Labor Cost	Total O&M Cost	Annual O&M Cost
<100	158	1,580	1,580	1,580	1,580	1,580	1,580	1,580	1,580	1,580	4,740	1,580	948	316	18,960	6,320	\$ 582,399	\$ 194,133	\$ 31,339	\$ 10,446
101-500	104	1,040	1,040	1,040	1,040	1,040	1,040	1,040	1,040	1,040	3,120	1,040	624	208	12,480	4,160	\$ 383,352	\$ 127,784	\$ 20,628	\$ 6,876
501-1K	25	500	500	500	500	500	500	500	500	500	1,500	500	150	50	6,000	2,000	\$ 184,304	\$ 61,435	\$ 9,917	\$ 3,306
1K-3.3K	11	220	220	220	220	220	220	220	220	220	660	220	66	22	2,640	880	\$ 81,094	\$ 27,031	\$ 4,364	\$ 1,455
3.3K-10K	1	40	40	40	40	40	40	40	40	40	120	40	6	2	480	160	\$ 14,744	\$ 4,915	\$ 793	\$ 264
10K-25K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
25K-50K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
50K-75K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
75K-100K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
100K-500K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
500K-1M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
> 1M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
<b>Total</b>	<b>299</b>	<b>3,380</b>	<b>3,380</b>	<b>3,380</b>	<b>3,380</b>	<b>3,380</b>	<b>3,380</b>	<b>3,380</b>	<b>3,380</b>	<b>3,380</b>	<b>10,140</b>	<b>3,380</b>	<b>1,794</b>	<b>598</b>	<b>40,560</b>	<b>13,520</b>	<b>\$ 1,245,893</b>	<b>\$ 415,298</b>	<b>\$ 67,042</b>	<b>\$ 22,347</b>
GROUND WATER: ALL SYSTEMS																				
Size Category	Number of Systems	Samples by Year (Representing 9-Year Compliance Cycle)									Summary of Monitoring, Burden, and Cost for ICR Period (2008-2011)									
		2008	2009	2010	2011	2012	2013	2014	2015	2016	Total Samples	Annual Samples	Total Monitoring Events	Annual Monitoring Events	Total Burden	Annual Burden	Total Labor Cost	Annual Labor Cost	Total O&M Cost	Annual O&M Cost
<100	284	2,840	2,840	2,840	2,840	2,840	2,840	2,840	2,840	2,840	8,520	2,840	1,704	568	34,080	11,360	\$ 1,046,845	\$ 348,948	\$ 56,331	\$ 18,777
101-500	205	2,050	2,050	2,050	2,050	2,050	2,050	2,050	2,050	2,050	6,150	2,050	1,230	410	24,600	8,200	\$ 755,645	\$ 251,882	\$ 40,662	\$ 13,554
501-1K	58	1,160	1,160	1,160	1,160	1,160	1,160	1,160	1,160	1,160	3,480	1,160	348	116	13,920	4,640	\$ 427,584	\$ 142,528	\$ 23,009	\$ 7,670
1K-3.3K	52	1,040	1,040	1,040	1,040	1,040	1,040	1,040	1,040	1,040	3,120	1,040	312	104	12,480	4,160	\$ 383,352	\$ 127,784	\$ 20,628	\$ 6,876
3.3K-10K	24	960	960	960	960	960	960	960	960	960	2,880	960	144	48	11,520	3,840	\$ 353,863	\$ 117,954	\$ 19,042	\$ 6,347
10K-25K	9	540	540	540	540	540	540	540	540	540	1,620	540	54	18	6,480	2,160	\$ 199,048	\$ 66,349	\$ 10,711	\$ 3,570
25K-50K	3	180	180	180	180	180	180	180	180	180	540	180	18	6	2,160	720	\$ 66,349	\$ 22,116	\$ 3,570	\$ 1,190
50K-75K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
75K-100K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
100K-500K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
500K-1M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
> 1M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
<b>Total</b>	<b>635</b>	<b>8,770</b>	<b>8,770</b>	<b>8,770</b>	<b>8,770</b>	<b>8,770</b>	<b>8,770</b>	<b>8,770</b>	<b>8,770</b>	<b>8,770</b>	<b>26,310</b>	<b>8,770</b>	<b>3,810</b>	<b>1,270</b>	<b>105,240</b>	<b>35,080</b>	<b>\$ 3,232,686</b>	<b>\$ 1,077,562</b>	<b>\$ 173,953</b>	<b>\$ 57,984</b>

Exhibit 6 - TAP MONITORING FOR LEAD & COPPER - MONITORING, BURDEN, AND COST SUMMARY (cont.)

SCENARIO 3b: Exceed>>Install Treatment>>Still Exceed (No Study Required) (cont.)

SURFACE WATER: CWSs																					
Size Category	Number of Systems	Samples by Year (Representing 9-Year Compliance Cycle)									Summary of Monitoring, Burden, and Cost for ICR Period (2008-2011)										
		2008	2009	2010	2011	2012	2013	2014	2015	2016	Total Samples	Annual Samples	Total Monitoring Events	Annual Monitoring Events	Total Burden	Annual Burden	Total Labor Cost	Annual Labor Cost	Total O&M Cost	Annual O&M Cost	
		2008	2009	2010	2011	2012	2013	2014	2015	2016	Total Samples	Annual Samples	Total Monitoring Events	Annual Monitoring Events	Total Burden	Annual Burden	Total Labor Cost	Annual Labor Cost	Total O&M Cost	Annual O&M Cost	
<100	12	120	120	120	120	120	120	120	120	120	360	120	72	24	1,440	480	\$ 44,233	\$ 793	\$ 2,380	\$ 793	
101-500	15	150	150	150	150	150	150	150	150	150	450	150	90	30	1,800	600	\$ 55,291	\$ 1,983	\$ 2,975	\$ 992	
501-1K	8	160	160	160	160	160	160	160	160	160	480	160	48	16	1,920	640	\$ 58,977	\$ 2,116	\$ 3,174	\$ 1,058	
1K-3.3K	17	340	340	340	340	340	340	340	340	340	1,020	340	102	34	4,080	1,360	\$ 125,326	\$ 4,496	\$ 6,744	\$ 2,248	
3.3K-10K	17	680	680	680	680	680	680	680	680	680	2,040	680	102	34	8,160	2,720	\$ 250,653	\$ 8,992	\$ 13,488	\$ 4,496	
10K-25K	12	720	720	720	720	720	720	720	720	720	2,160	720	72	24	8,640	2,880	\$ 265,397	\$ 9,521	\$ 14,281	\$ 4,760	
25K-50K	6	360	360	360	360	360	360	360	360	360	1,080	360	36	12	4,320	1,440	\$ 132,699	\$ 4,760	\$ 7,141	\$ 2,380	
50K-75K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -	
75K-100K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -	
100K-500K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -	
500K-1M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -	
> 1M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -	
Total	87	2,530	2,530	2,530	2,530	2,530	2,530	2,530	2,530	2,530	7,590	2,530	522	174	30,360	10,120	\$ 932,576	\$ 32,662	\$ 50,182	\$ 16,727	
SURFACE WATER: NTCWSs																					
Size Category	Number of Systems	Samples by Year (Representing 9-Year Compliance Cycle)									Summary of Monitoring, Burden, and Cost for ICR Period (2008-2011)										
		2008	2009	2010	2011	2012	2013	2014	2015	2016	Total Samples	Annual Samples	Total Monitoring Events	Annual Monitoring Events	Total Burden	Annual Burden	Total Labor Cost	Annual Labor Cost	Total O&M Cost	Annual O&M Cost	
		2008	2009	2010	2011	2012	2013	2014	2015	2016	Total Samples	Annual Samples	Total Monitoring Events	Annual Monitoring Events	Total Burden	Annual Burden	Total Labor Cost	Annual Labor Cost	Total O&M Cost	Annual O&M Cost	
<100	5	50	50	50	50	50	50	50	50	50	150	50	30	10	600	200	\$ 18,430	\$ 6,143	\$ 992	\$ 331	
101-500	4	40	40	40	40	40	40	40	40	40	120	40	24	8	480	160	\$ 14,744	\$ 4,915	\$ 793	\$ 264	
501-1K	1	20	20	20	20	20	20	20	20	20	60	20	6	2	240	80	\$ 7,372	\$ 2,457	\$ 397	\$ 132	
1K-3.3K	1	20	20	20	20	20	20	20	20	20	60	20	6	2	240	80	\$ 7,372	\$ 2,457	\$ 397	\$ 132	
3.3K-10K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -	
10K-25K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -	
25K-50K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -	
50K-75K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -	
75K-100K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -	
100K-500K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -	
500K-1M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -	
> 1M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -	
Total	11	130	130	130	130	130	130	130	130	130	390	130	66	22	1,560	520	\$ 47,919	\$ 15,973	\$ 2,579	\$ 860	
SURFACE WATER: ALL SYSTEMS																					
Size Category	Number of Systems	Samples by Year (Representing 9-Year Compliance Cycle)									Summary of Monitoring, Burden, and Cost for ICR Period (2008-2011)										
		2008	2009	2010	2011	2012	2013	2014	2015	2016	Total Samples	Annual Samples	Total Monitoring Events	Annual Monitoring Events	Total Burden	Annual Burden	Total Labor Cost	Annual Labor Cost	Total O&M Cost	Annual O&M Cost	
		2008	2009	2010	2011	2012	2013	2014	2015	2016	Total Samples	Annual Samples	Total Monitoring Events	Annual Monitoring Events	Total Burden	Annual Burden	Total Labor Cost	Annual Labor Cost	Total O&M Cost	Annual O&M Cost	
<100	17	170	170	170	170	170	170	170	170	170	510	170	102	34	2,040	680	\$ 62,663	\$ 6,937	\$ 3,372	\$ 1,124	
101-500	19	190	190	190	190	190	190	190	190	190	570	190	114	38	2,280	760	\$ 70,035	\$ 6,898	\$ 3,769	\$ 1,256	
501-1K	9	180	180	180	180	180	180	180	180	180	540	180	54	18	2,160	720	\$ 66,349	\$ 4,573	\$ 3,570	\$ 1,190	
1K-3.3K	18	360	360	360	360	360	360	360	360	360	1,080	360	108	36	4,320	1,440	\$ 132,699	\$ 6,953	\$ 7,141	\$ 2,380	
3.3K-10K	17	680	680	680	680	680	680	680	680	680	2,040	680	102	34	8,160	2,720	\$ 250,653	\$ 8,992	\$ 13,488	\$ 4,496	
10K-25K	12	720	720	720	720	720	720	720	720	720	2,160	720	72	24	8,640	2,880	\$ 265,397	\$ 9,521	\$ 14,281	\$ 4,760	
25K-50K	6	360	360	360	360	360	360	360	360	360	1,080	360	36	12	4,320	1,440	\$ 132,699	\$ 4,760	\$ 7,141	\$ 2,380	
50K-75K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -	
75K-100K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -	
100K-500K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -	
500K-1M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -	
> 1M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -	
Total	98	2,660	2,660	2,660	2,660	2,660	2,660	2,660	2,660	2,660	7,980	2,660	588	196	31,920	10,640	\$ 980,495	\$ 48,635	\$ 52,761	\$ 17,587	

Exhibit 6 - TAP MONITORING FOR LEAD & COPPER - MONITORING, BURDEN, AND COST SUMMARY

SCENARIO 1R: Monitor Only - Reduced (All Plastic)

GROUND WATER: CWSs																				
Size Category	Number of Systems	Samples by Year (Representing 9-Year Compliance Cycle)									Summary of Monitoring, Burden, and Cost for ICR Period (2008-2011)									
		2008	2009	2010	2011	2012	2013	2014	2015	2016	Total Samples	Annual Samples	Total Monitoring Events	Annual Monitoring Events	Total Burden	Annual Burden	Total Labor Cost	Annual Labor Cost	Total O&M Cost	Annual O&M Cost
		<100	1,209	-	-	-	-	-	-	6,045	-	-	-	-	-	-	-	-	-	-
101-500	1,392	-	-	-	-	-	-	6,960	-	-	-	-	-	-	-	-	-	-	-	
501-1K	451	-	-	-	-	-	-	4,510	-	-	-	-	-	-	-	-	-	-	-	
1K-3.3K	577	-	-	-	-	-	-	5,770	-	-	-	-	-	-	-	-	-	-	-	
3.3K-10K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
10K-25K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
25K-50K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
50K-75K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
75K-100K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
100K-500K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
500K-1M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
> 1M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Total	3,629	-	-	-	-	-	-	23,285	-	-	-	-	-	-	-	-	-	-	-	

  

GROUND WATER: NTCWSs																				
Size Category	Number of Systems	Samples by Year (Representing 9-Year Compliance Cycle)									Summary of Monitoring, Burden, and Cost for ICR Period (2008-2011)									
		2008	2009	2010	2011	2012	2013	2014	2015	2016	Total Samples	Annual Samples	Total Monitoring Events	Annual Monitoring Events	Total Burden	Annual Burden	Total Labor Cost	Annual Labor Cost	Total O&M Cost	Annual O&M Cost
		<100	887	-	-	-	-	-	-	4,435	-	-	-	-	-	-	-	-	-	-
101-500	667	-	-	-	-	-	-	3,335	-	-	-	-	-	-	-	-	-	-	-	
501-1K	174	-	-	-	-	-	-	1,740	-	-	-	-	-	-	-	-	-	-	-	
1K-3.3K	76	-	-	-	-	-	-	760	-	-	-	-	-	-	-	-	-	-	-	
3.3K-10K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
10K-25K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
25K-50K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
50K-75K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
75K-100K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
100K-500K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
500K-1M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
> 1M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Total	1,804	-	-	-	-	-	-	10,270	-	-	-	-	-	-	-	-	-	-	-	

  

GROUND WATER: ALL SYSTEMS																				
Size Category	Number of Systems	Samples by Year (Representing 9-Year Compliance Cycle)									Summary of Monitoring, Burden, and Cost for ICR Period (2008-2011)									
		2008	2009	2010	2011	2012	2013	2014	2015	2016	Total Samples	Annual Samples	Total Monitoring Events	Annual Monitoring Events	Total Burden	Annual Burden	Total Labor Cost	Annual Labor Cost	Total O&M Cost	Annual O&M Cost
		<100	2,096	-	-	-	-	-	-	10,480	-	-	-	-	-	-	-	-	-	-
101-500	2,059	-	-	-	-	-	-	10,295	-	-	-	-	-	-	-	-	-	-	-	
501-1K	625	-	-	-	-	-	-	6,250	-	-	-	-	-	-	-	-	-	-	-	
1K-3.3K	653	-	-	-	-	-	-	6,530	-	-	-	-	-	-	-	-	-	-	-	
3.3K-10K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
10K-25K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
25K-50K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
50K-75K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
75K-100K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
100K-500K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
500K-1M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
> 1M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Total	5,433	-	-	-	-	-	-	33,555	-	-	-	-	-	-	-	-	-	-	-	

Exhibit 6 - TAP MONITORING FOR LEAD & COPPER - MONITORING, BURDEN, AND COST SUMMARY (cont.)

SCENARIO 1R: Monitor Only - Reduced (All Plastic)(cont.)

SURFACE WATER: CWSs																				
Size Category	Number of Systems	Samples by Year (Representing 9-Year Compliance Cycle)									Summary of Monitoring, Burden, and Cost for ICR Period (2008-2011)									
		2008	2009	2010	2011	2012	2013	2014	2015	2016	Total Samples	Annual Samples	Total Monitoring Events	Annual Monitoring Events	Total Burden	Annual Burden	Total Labor Cost	Annual Labor Cost	Total O&M Cost	Annual O&M Cost
<100	118	-	-	-	-	-	-	590	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -	
101-500	209	-	-	-	-	-	-	1,045	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -	
501-1K	117	-	-	-	-	-	-	1,170	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -	
1K-3.3K	246	-	-	-	-	-	-	2,460	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -	
3.3K-10K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -	
10K-25K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -	
25K-50K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -	
50K-75K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -	
75K-100K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -	
100K-500K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -	
500K-1M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -	
> 1M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -	
Total	690	-	-	-	-	-	-	5,265	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -	
SURFACE WATER: NTCWSs																				
Size Category	Number of Systems	Samples by Year (Representing 9-Year Compliance Cycle)									Summary of Monitoring, Burden, and Cost for ICR Period (2008-2011)									
		2008	2009	2010	2011	2012	2013	2014	2015	2016	Total Samples	Annual Samples	Total Monitoring Events	Annual Monitoring Events	Total Burden	Annual Burden	Total Labor Cost	Annual Labor Cost	Total O&M Cost	Annual O&M Cost
<100	26	-	-	-	-	-	-	130	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -	
101-500	24	-	-	-	-	-	-	120	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -	
501-1K	9	-	-	-	-	-	-	90	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -	
1K-3.3K	7	-	-	-	-	-	-	70	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -	
3.3K-10K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -	
10K-25K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -	
25K-50K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -	
50K-75K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -	
75K-100K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -	
100K-500K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -	
500K-1M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -	
> 1M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -	
Total	66	-	-	-	-	-	-	410	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -	
SURFACE WATER: ALL SYSTEMS																				
Size Category	Number of Systems	Samples by Year (Representing 9-Year Compliance Cycle)									Summary of Monitoring, Burden, and Cost for ICR Period (2008-2011)									
		2008	2009	2010	2011	2012	2013	2014	2015	2016	Total Samples	Annual Samples	Total Monitoring Events	Annual Monitoring Events	Total Burden	Annual Burden	Total Labor Cost	Annual Labor Cost	Total O&M Cost	Annual O&M Cost
<100	144	-	-	-	-	-	-	720	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -	
101-500	233	-	-	-	-	-	-	1,165	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -	
501-1K	126	-	-	-	-	-	-	1,260	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -	
1K-3.3K	253	-	-	-	-	-	-	2,530	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -	
3.3K-10K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -	
10K-25K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -	
25K-50K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -	
50K-75K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -	
75K-100K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -	
100K-500K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -	
500K-1M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -	
> 1M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -	
Total	756	-	-	-	-	-	-	5,675	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -	

Exhibit 6 - TAP MONITORING FOR LEAD & COPPER - MONITORING, BURDEN, AND COST SUMMARY

SCENARIO 3aAR: Treat, Then Enter Accelerated Reduced Monitoring Schedule

GROUND WATER: CWSs																				
Size Category	Number of Systems	Samples by Year (Representing 9-Year Compliance Cycle)									Summary of Monitoring, Burden, and Cost for ICR Period (2008-2011)									
		2008	2009	2010	2011	2012	2013	2014	2015	2016	Total Samples	Annual Samples	Total Monitoring Events	Annual Monitoring Events	Total Burden	Annual Burden	Total Labor Cost	Annual Labor Cost	Total O&M Cost	Annual O&M Cost
<100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
101-500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
501-1K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1K-3.3K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
3.3K-10K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
10K-25K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
25K-50K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
50K-75K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
75K-100K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
100K-500K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
500K-1M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
> 1M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Total	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
GROUND WATER: NTCWSs																				
Size Category	Number of Systems	Samples by Year (Representing 9-Year Compliance Cycle)									Summary of Monitoring, Burden, and Cost for ICR Period (2008-2011)									
		2008	2009	2010	2011	2012	2013	2014	2015	2016	Total Samples	Annual Samples	Total Monitoring Events	Annual Monitoring Events	Total Burden	Annual Burden	Total Labor Cost	Annual Labor Cost	Total O&M Cost	Annual O&M Cost
<100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
101-500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
501-1K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1K-3.3K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
3.3K-10K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
10K-25K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
25K-50K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
50K-75K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
75K-100K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
100K-500K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
500K-1M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
> 1M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Total	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
GROUND WATER: ALL SYSTEMS																				
Size Category	Number of Systems	Samples by Year (Representing 9-Year Compliance Cycle)									Summary of Monitoring, Burden, and Cost for ICR Period (2008-2011)									
		2008	2009	2010	2011	2012	2013	2014	2015	2016	Total Samples	Annual Samples	Total Monitoring Events	Annual Monitoring Events	Total Burden	Annual Burden	Total Labor Cost	Annual Labor Cost	Total O&M Cost	Annual O&M Cost
<100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
101-500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
501-1K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1K-3.3K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
3.3K-10K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
10K-25K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
25K-50K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
50K-75K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
75K-100K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
100K-500K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
500K-1M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
> 1M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Total	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

Exhibit 6 - TAP MONITORING FOR LEAD & COPPER - MONITORING, BURDEN, AND COST SUMMARY (cont.)

SCENARIO 3aAR: Treat, Then Enter Accelerated Reduced Monitoring Schedule (cont.)

SURFACE WATER: CWSs																				
Size Category	Number of Systems	Samples by Year (Representing 9-Year Compliance Cycle)									Summary of Monitoring, Burden, and Cost for ICR Period (2008-2011)									
		2008	2009	2010	2011	2012	2013	2014	2015	2016	Total Samples	Annual Samples	Total Monitoring Events	Annual Monitoring Events	Total Burden	Annual Burden	Total Labor Cost	Annual Labor Cost	Total O&M Cost	Annual O&M Cost
		<100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
101-500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
501-1K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1K-3.3K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
3.3K-10K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
10K-25K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
25K-50K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
50K-75K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
75K-100K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
100K-500K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
500K-1M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
> 1M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Total	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

  

SURFACE WATER: NTCWSs																				
Size Category	Number of Systems	Samples by Year (Representing 9-Year Compliance Cycle)									Summary of Monitoring, Burden, and Cost for ICR Period (2008-2011)									
		2008	2009	2010	2011	2012	2013	2014	2015	2016	Total Samples	Annual Samples	Total Monitoring Events	Annual Monitoring Events	Total Burden	Annual Burden	Total Labor Cost	Annual Labor Cost	Total O&M Cost	Annual O&M Cost
		<100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
101-500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
501-1K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1K-3.3K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
3.3K-10K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
10K-25K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
25K-50K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
50K-75K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
75K-100K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
100K-500K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
500K-1M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
> 1M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Total	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

  

SURFACE WATER: ALL SYSTEMS																				
Size Category	Number of Systems	Samples by Year (Representing 9-Year Compliance Cycle)									Summary of Monitoring, Burden, and Cost for ICR Period (2008-2011)									
		2008	2009	2010	2011	2012	2013	2014	2015	2016	Total Samples	Annual Samples	Total Monitoring Events	Annual Monitoring Events	Total Burden	Annual Burden	Total Labor Cost	Annual Labor Cost	Total O&M Cost	Annual O&M Cost
		<100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
101-500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
501-1K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1K-3.3K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
3.3K-10K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
10K-25K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
25K-50K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
50K-75K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
75K-100K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
100K-500K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
500K-1M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
> 1M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Total	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	

**Exhibit 6 - TAP MONITORING FOR LEAD & COPPER - MONITORING, BURDEN, AND COST SUMMARY**

**SCENARIO 2aAR: Accelerated Reduced Monitoring After Treatment (Study)**

<b>GROUND WATER: CWSs</b>																				
Size Category	Number of Systems	Samples by Year (Representing 9-Year Compliance Cycle)									Summary of Monitoring, Burden, and Cost for ICR Period (2008-2011)									
		2008	2009	2010	2011	2012	2013	2014	2015	2016	Total Samples	Annual Samples	Total Monitoring Events	Annual Monitoring Events	Total Burden	Annual Burden	Total Labor Cost	Annual Labor Cost	Total O&M Cost	Annual O&M Cost
<100	173	865	-	-	865	-	-	865	-	-	865	288	173	58	3,460	1,153	\$ 106,282	\$ 35,427	\$ 5,719	\$ 1,906
101-500	202	1,010	-	-	1,010	-	-	1,010	-	-	1,010	337	202	67	4,040	1,347	\$ 124,098	\$ 41,366	\$ 6,678	\$ 2,226
501-1K	65	650	-	-	650	-	-	650	-	-	650	217	65	22	2,600	867	\$ 79,865	\$ 26,622	\$ 4,298	\$ 1,433
1K-3.3K	84	840	-	-	840	-	-	840	-	-	840	280	84	28	3,360	1,120	\$ 103,210	\$ 34,403	\$ 5,554	\$ 1,851
3.3K-10K	33	-	-	660	-	-	660	-	-	660	220	33	11	2,640	880	\$ 81,094	\$ 27,031	\$ 4,364	\$ 1,455	
10K-25K	12	-	-	360	-	-	360	-	-	360	120	12	4	1,440	480	\$ 44,233	\$ 14,744	\$ 2,380	\$ 793	
25K-50K	4	-	-	120	-	-	120	-	-	120	40	4	1	480	160	\$ 14,744	\$ 4,915	\$ 793	\$ 264	
50K-75K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -	
75K-100K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -	
100K-500K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -	
500K-1M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -	
> 1M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -	
<b>Total</b>	<b>573</b>	<b>3,365</b>	<b>-</b>	<b>1,140</b>	<b>3,365</b>	<b>-</b>	<b>1,140</b>	<b>3,365</b>	<b>-</b>	<b>1,140</b>	<b>4,505</b>	<b>1,502</b>	<b>573</b>	<b>191</b>	<b>18,020</b>	<b>6,007</b>	<b>\$ 553,525</b>	<b>\$ 184,508</b>	<b>\$ 29,786</b>	<b>\$ 9,929</b>
<b>GROUND WATER: NTNCWSs</b>																				
Size Category	Number of Systems	Samples by Year (Representing 9-Year Compliance Cycle)									Summary of Monitoring, Burden, and Cost for ICR Period (2008-2011)									
		2008	2009	2010	2011	2012	2013	2014	2015	2016	Total Samples	Annual Samples	Total Monitoring Events	Annual Monitoring Events	Total Burden	Annual Burden	Total Labor Cost	Annual Labor Cost	Total O&M Cost	Annual O&M Cost
<100	123	615	-	-	615	-	-	615	-	-	615	205	123	41	2,460	820	\$ 75,564	\$ 25,188	\$ 4,066	\$ 1,355
101-500	93	465	-	-	465	-	-	465	-	-	465	155	93	31	1,860	620	\$ 57,134	\$ 19,045	\$ 3,074	\$ 1,025
501-1K	24	240	-	-	240	-	-	240	-	-	240	80	24	8	960	320	\$ 29,489	\$ 9,830	\$ 1,587	\$ 529
1K-3.3K	11	110	-	-	110	-	-	110	-	-	110	37	11	4	440	147	\$ 13,516	\$ 4,505	\$ 727	\$ 242
3.3K-10K	1	-	-	20	-	-	20	-	-	20	7	1	0	80	27	\$ 2,457	\$ 819	\$ 132	\$ 44	
10K-25K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -	
25K-50K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -	
50K-75K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -	
75K-100K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -	
100K-500K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -	
500K-1M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -	
> 1M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -	
<b>Total</b>	<b>252</b>	<b>1,430</b>	<b>-</b>	<b>20</b>	<b>1,430</b>	<b>-</b>	<b>20</b>	<b>1,430</b>	<b>-</b>	<b>20</b>	<b>1,450</b>	<b>483</b>	<b>252</b>	<b>84</b>	<b>5,800</b>	<b>1,933</b>	<b>\$ 178,160</b>	<b>\$ 59,387</b>	<b>\$ 9,587</b>	<b>\$ 3,196</b>
<b>GROUND WATER: ALL SYSTEMS</b>																				
Size Category	Number of Systems	Samples by Year (Representing 9-Year Compliance Cycle)									Summary of Monitoring, Burden, and Cost for ICR Period (2008-2011)									
		2008	2009	2010	2011	2012	2013	2014	2015	2016	Total Samples	Annual Samples	Total Monitoring Events	Annual Monitoring Events	Total Burden	Annual Burden	Total Labor Cost	Annual Labor Cost	Total O&M Cost	Annual O&M Cost
<100	296	1,480	-	-	1,480	-	-	1,480	-	-	1,480	493	296	99	5,920	1,973	\$ 181,846	\$ 60,615	\$ 9,785	\$ 3,262
101-500	295	1,475	-	-	1,475	-	-	1,475	-	-	1,475	492	295	98	5,900	1,967	\$ 181,232	\$ 60,411	\$ 9,752	\$ 3,251
501-1K	89	890	-	-	890	-	-	890	-	-	890	297	89	30	3,560	1,187	\$ 109,353	\$ 36,451	\$ 5,884	\$ 1,961
1K-3.3K	95	950	-	-	950	-	-	950	-	-	950	317	95	32	3,800	1,267	\$ 116,726	\$ 38,909	\$ 6,281	\$ 2,094
3.3K-10K	34	-	-	680	-	-	680	-	-	680	227	34	11	2,720	907	\$ 83,551	\$ 27,850	\$ 4,496	\$ 1,499	
10K-25K	12	-	-	360	-	-	360	-	-	360	120	12	4	1,440	480	\$ 44,233	\$ 14,744	\$ 2,380	\$ 793	
25K-50K	4	-	-	120	-	-	120	-	-	120	40	4	1	480	160	\$ 14,744	\$ 4,915	\$ 793	\$ 264	
50K-75K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -	
75K-100K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -	
100K-500K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -	
500K-1M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -	
> 1M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -	
<b>Total</b>	<b>825</b>	<b>4,795</b>	<b>-</b>	<b>1,160</b>	<b>4,795</b>	<b>-</b>	<b>1,160</b>	<b>4,795</b>	<b>-</b>	<b>1,160</b>	<b>5,955</b>	<b>1,985</b>	<b>825</b>	<b>275</b>	<b>23,820</b>	<b>7,940</b>	<b>\$ 731,685</b>	<b>\$ 243,895</b>	<b>\$ 39,372</b>	<b>\$ 13,124</b>

Exhibit 6 - TAP MONITORING FOR LEAD & COPPER - MONITORING, BURDEN, AND COST SUMMARY (cont.)

SCENARIO 2aAR: Accelerated Reduced Monitoring After Treatment (Study) (cont.)

SURFACE WATER: CWSS																				
Size Category	Number of Systems	Samples by Year (Representing 9-Year Compliance Cycle)									Summary of Monitoring, Burden, and Cost for ICR Period (2008-2011)									
		2008	2009	2010	2011	2012	2013	2014	2015	2016	Total Samples	Annual Samples	Total Monitoring Events	Annual Monitoring Events	Total Burden	Annual Burden	Total Labor Cost	Annual Labor Cost	Total O&M Cost	Annual O&M Cost
		<100	17	85	-	-	85	-	-	85	-	-	85	28	17	6	340	113	\$ 10,444	\$ 187
101-500	30	150	-	-	150	-	-	150	-	-	150	50	30	10	600	200	\$ 18,430	\$ 661	\$ 992	\$ 331
501-1K	17	170	-	-	170	-	-	170	-	-	170	57	17	6	680	227	\$ 20,888	\$ 749	\$ 1,124	\$ 375
1K-3.3K	36	360	-	-	360	-	-	360	-	-	360	120	36	12	1,440	480	\$ 44,233	\$ 1,587	\$ 2,380	\$ 793
3.3K-10K	24	-	-	480	-	-	480	-	-	480	480	160	24	8	1,920	640	\$ 58,977	\$ 2,116	\$ 3,174	\$ 1,058
10K-25K	14	-	-	420	-	-	420	-	-	420	420	140	14	5	1,680	560	\$ 51,605	\$ 1,851	\$ 2,777	\$ 926
25K-50K	7	-	-	210	-	-	210	-	-	210	210	70	7	2	840	280	\$ 25,803	\$ 926	\$ 1,388	\$ 463
50K-75K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
75K-100K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
100K-500K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
500K-1M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
> 1M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
Total	145	765	-	1,110	765	-	1,110	765	-	1,110	1,875	625	145	48	7,500	2,500	\$ 230,380	\$ 8,077	\$ 12,397	\$ 4,132

  

SURFACE WATER: NTCWSS																				
Size Category	Number of Systems	Samples by Year (Representing 9-Year Compliance Cycle)									Summary of Monitoring, Burden, and Cost for ICR Period (2008-2011)									
		2008	2009	2010	2011	2012	2013	2014	2015	2016	Total Samples	Annual Samples	Total Monitoring Events	Annual Monitoring Events	Total Burden	Annual Burden	Total Labor Cost	Annual Labor Cost	Total O&M Cost	Annual O&M Cost
		<100	4	20	-	-	20	-	-	20	-	-	20	7	4	1	80	27	\$ 2,457	\$ 819
101-500	3	15	-	-	15	-	-	15	-	-	15	5	3	1	60	20	\$ 1,843	\$ 614	\$ 99	\$ 33
501-1K	1	10	-	-	10	-	-	10	-	-	10	3	1	0	40	13	\$ 1,229	\$ 410	\$ 66	\$ 22
1K-3.3K	1	10	-	-	10	-	-	10	-	-	10	3	1	0	40	13	\$ 1,229	\$ 410	\$ 66	\$ 22
3.3K-10K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
10K-25K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
25K-50K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
50K-75K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
75K-100K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
100K-500K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
500K-1M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
> 1M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
Total	9	55	-	-	55	-	-	55	-	-	55	18	9	3	220	73	\$ 6,758	\$ 2,253	\$ 364	\$ 121

  

SURFACE WATER: ALL SYSTEMS																				
Size Category	Number of Systems	Samples by Year (Representing 9-Year Compliance Cycle)									Summary of Monitoring, Burden, and Cost for ICR Period (2008-2011)									
		2008	2009	2010	2011	2012	2013	2014	2015	2016	Total Samples	Annual Samples	Total Monitoring Events	Annual Monitoring Events	Total Burden	Annual Burden	Total Labor Cost	Annual Labor Cost	Total O&M Cost	Annual O&M Cost
		<100	21	105	-	-	105	-	-	105	-	-	105	35	21	7	420	140	\$ 12,901	\$ 1,006
101-500	33	165	-	-	165	-	-	165	-	-	165	55	33	11	660	220	\$ 20,273	\$ 1,276	\$ 1,091	\$ 364
501-1K	18	180	-	-	180	-	-	180	-	-	180	60	18	6	720	240	\$ 22,116	\$ 1,159	\$ 1,190	\$ 397
1K-3.3K	37	370	-	-	370	-	-	370	-	-	370	123	37	12	1,480	493	\$ 45,462	\$ 1,996	\$ 2,446	\$ 815
3.3K-10K	24	-	-	480	-	-	480	-	-	480	480	160	24	8	1,920	640	\$ 58,977	\$ 2,116	\$ 3,174	\$ 1,058
10K-25K	14	-	-	420	-	-	420	-	-	420	420	140	14	5	1,680	560	\$ 51,605	\$ 1,851	\$ 2,777	\$ 926
25K-50K	7	-	-	210	-	-	210	-	-	210	210	70	7	2	840	280	\$ 25,803	\$ 926	\$ 1,388	\$ 463
50K-75K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
75K-100K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
100K-500K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
500K-1M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
> 1M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
Total	154	820	-	1,110	820	-	1,110	820	-	1,110	1,930	643	154	51	7,720	2,573	\$ 237,137	\$ 10,330	\$ 12,761	\$ 4,254



**Exhibit 6 - TAP MONITORING FOR LEAD & COPPER - MONITORING, BURDEN, AND COST SUMMARY**

**SCENARIO 2bAR: Accelerated Reduced Monitoring After Treatment (No Study)**

GROUND WATER: CWSs																					
Size Category	Number of Systems	Samples by Year (Representing 9-Year Compliance Cycle)									Summary of Monitoring, Burden, and Cost for ICR Period (2008-2011)										
		2008	2009	2010	2011	2012	2013	2014	2015	2016	Total Samples	Annual Samples	Total Monitoring Events	Annual Monitoring Events	Total Burden	Annual Burden	Total Labor Cost	Annual Labor Cost	Total O&M Cost	Annual O&M Cost	
		2008	2009	2010	2011	2012	2013	2014	2015	2016	Total Samples	Annual Samples	Total Monitoring Events	Annual Monitoring Events	Total Burden	Annual Burden	Total Labor Cost	Annual Labor Cost	Total O&M Cost	Annual O&M Cost	
<100	519	-	-	2,595	-	-	2,595	-	-	2,595	2,595	865	519	173	10,380	3,460	\$ 318,845	\$ 106,282	\$ 17,157	\$ 5,719	
101-500	606	-	-	3,030	-	-	3,030	-	-	3,030	3,030	1,010	606	202	12,120	4,040	\$ 372,293	\$ 124,098	\$ 20,033	\$ 6,678	
501-1K	196	-	-	1,960	-	-	1,960	-	-	1,960	1,960	653	196	65	7,840	2,613	\$ 240,823	\$ 80,274	\$ 12,959	\$ 4,320	
1K-3.3K	251	-	-	2,510	-	-	2,510	-	-	2,510	2,510	837	251	84	10,040	3,347	\$ 308,401	\$ 102,800	\$ 16,595	\$ 5,532	
3.3K-10K	100	-	-	2,000	-	-	2,000	-	-	2,000	2,000	667	100	33	8,000	2,667	\$ 245,738	\$ 81,913	\$ 13,223	\$ 4,408	
10K-25K	35	-	-	1,050	-	-	1,050	-	-	1,050	1,050	350	35	12	4,200	1,400	\$ 129,013	\$ 43,004	\$ 6,942	\$ 2,314	
25K-50K	13	-	-	390	-	-	390	-	-	390	390	130	13	4	1,560	520	\$ 47,919	\$ 15,973	\$ 2,579	\$ 860	
50K-75K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -	
75K-100K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -	
100K-500K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -	
500K-1M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -	
> 1M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -	
<b>Total</b>	<b>1,720</b>	-	-	<b>13,535</b>	-	-	<b>13,535</b>	-	-	<b>13,535</b>	<b>13,535</b>	<b>4,512</b>	<b>1,720</b>	<b>573</b>	<b>54,140</b>	<b>18,047</b>	<b>\$ 1,663,033</b>	<b>\$ 554,344</b>	<b>\$ 89,489</b>	<b>\$ 29,830</b>	
GROUND WATER: NTNCWSs																					
Size Category	Number of Systems	Samples by Year (Representing 9-Year Compliance Cycle)									Summary of Monitoring, Burden, and Cost for ICR Period (2008 - 2011)										
		2008	2009	2010	2011	2012	2013	2014	2015	2016	Total Samples	Annual Samples	Total Monitoring Events	Annual Monitoring Events	Total Burden	Annual Burden	Total Labor Cost	Annual Labor Cost	Total O&M Cost	Annual O&M Cost	
		2008	2009	2010	2011	2012	2013	2014	2015	2016	Total Samples	Annual Samples	Total Monitoring Events	Annual Monitoring Events	Total Burden	Annual Burden	Total Labor Cost	Annual Labor Cost	Total O&M Cost	Annual O&M Cost	
<100	368	-	-	1,840	-	-	1,840	-	-	1,840	1,840	613	368	123	7,360	2,453	\$ 226,079	\$ 75,360	\$ 12,165	\$ 4,055	
101-500	279	-	-	1,395	-	-	1,395	-	-	1,395	1,395	465	279	93	5,580	1,860	\$ 171,402	\$ 57,134	\$ 9,223	\$ 3,074	
501-1K	73	-	-	730	-	-	730	-	-	730	730	243	73	24	2,920	973	\$ 89,694	\$ 29,898	\$ 4,827	\$ 1,609	
1K-3.3K	32	-	-	320	-	-	320	-	-	320	320	107	32	11	1,280	427	\$ 39,318	\$ 13,106	\$ 2,116	\$ 705	
3.3K-10K	4	-	-	80	-	-	80	-	-	80	80	27	4	1	320	107	\$ 9,830	\$ 3,277	\$ 529	\$ 176	
10K-25K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -	
25K-50K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -	
50K-75K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -	
75K-100K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -	
100K-500K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -	
500K-1M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -	
> 1M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -	
<b>Total</b>	<b>756</b>	-	-	<b>4,365</b>	-	-	<b>4,365</b>	-	-	<b>4,365</b>	<b>4,365</b>	<b>1,455</b>	<b>756</b>	<b>252</b>	<b>17,460</b>	<b>5,820</b>	<b>\$ 536,324</b>	<b>\$ 178,775</b>	<b>\$ 28,860</b>	<b>\$ 9,620</b>	
GROUND WATER: ALL SYSTEMS																					
Size Category	Number of Systems	Samples by Year (Representing 9-Year Compliance Cycle)									Summary of Monitoring, Burden, and Cost for ICR Period (2008-2011)										
		2008	2009	2010	2011	2012	2013	2014	2015	2016	Total Samples	Annual Samples	Total Monitoring Events	Annual Monitoring Events	Total Burden	Annual Burden	Total Labor Cost	Annual Labor Cost	Total O&M Cost	Annual O&M Cost	
		2008	2009	2010	2011	2012	2013	2014	2015	2016	Total Samples	Annual Samples	Total Monitoring Events	Annual Monitoring Events	Total Burden	Annual Burden	Total Labor Cost	Annual Labor Cost	Total O&M Cost	Annual O&M Cost	
<100	887	-	-	4,435	-	-	4,435	-	-	4,435	4,435	1,478	887	296	17,740	5,913	\$ 544,924	\$ 181,641	\$ 29,323	\$ 9,774	
101-500	885	-	-	4,425	-	-	4,425	-	-	4,425	4,425	1,475	885	295	17,700	5,900	\$ 543,696	\$ 181,232	\$ 29,257	\$ 9,752	
501-1K	269	-	-	2,690	-	-	2,690	-	-	2,690	2,690	897	269	90	10,760	3,587	\$ 330,518	\$ 110,173	\$ 17,785	\$ 5,928	
1K-3.3K	283	-	-	2,830	-	-	2,830	-	-	2,830	2,830	943	283	94	11,320	3,773	\$ 347,720	\$ 115,907	\$ 18,711	\$ 6,237	
3.3K-10K	104	-	-	2,080	-	-	2,080	-	-	2,080	2,080	693	104	35	8,320	2,773	\$ 255,568	\$ 85,189	\$ 13,752	\$ 4,584	
10K-25K	35	-	-	1,050	-	-	1,050	-	-	1,050	1,050	350	35	12	4,200	1,400	\$ 129,013	\$ 43,004	\$ 6,942	\$ 2,314	
25K-50K	13	-	-	390	-	-	390	-	-	390	390	130	13	4	1,560	520	\$ 47,919	\$ 15,973	\$ 2,579	\$ 860	
50K-75K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -	
75K-100K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -	
100K-500K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -	
500K-1M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -	
> 1M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -	
<b>Total</b>	<b>2,476</b>	-	-	<b>17,900</b>	-	-	<b>17,900</b>	-	-	<b>17,900</b>	<b>17,900</b>	<b>5,967</b>	<b>2,476</b>	<b>825</b>	<b>71,600</b>	<b>23,867</b>	<b>\$ 2,199,357</b>	<b>\$ 733,119</b>	<b>\$ 118,349</b>	<b>\$ 39,450</b>	

Exhibit 6 - TAP MONITORING FOR LEAD & COPPER - MONITORING, BURDEN, AND COST SUMMARY (cont.)

SCENARIO 2bAR: Accelerated Reduced Monitoring After Treatment (No Study)(cont.)

SURFACE WATER: CWSs																				
Size Category	Number of Systems	Samples by Year (Representing 9-Year Compliance Cycle)									Summary of Monitoring, Burden, and Cost for ICR Period (2008-2011)									
		2008	2009	2010	2011	2012	2013	2014	2015	2016	Total Samples	Annual Samples	Total Monitoring Events	Annual Monitoring Events	Total Burden	Annual Burden	Total Labor Cost	Annual Labor Cost	Total O&M Cost	Annual O&M Cost
<100	51	-	-	255	-	-	255	-	-	255	255	85	51	17	1,020	340	\$ 31,332	\$ 562	\$ 1,686	\$ 562
101-500	91	-	-	455	-	-	455	-	-	455	455	152	91	30	1,820	607	\$ 55,905	\$ 2,006	\$ 3,008	\$ 1,003
501-1K	51	-	-	510	-	-	510	-	-	510	510	170	51	17	2,040	680	\$ 62,663	\$ 2,248	\$ 3,372	\$ 1,124
1K-3.3K	107	-	-	1,070	-	-	1,070	-	-	1,070	1,070	357	107	36	4,280	1,427	\$ 131,470	\$ 4,716	\$ 7,074	\$ 2,358
3.3K-10K	73	-	-	1,460	-	-	1,460	-	-	1,460	1,460	487	73	24	5,840	1,947	\$ 179,389	\$ 6,435	\$ 9,653	\$ 3,218
10K-25K	43	-	-	1,290	-	-	1,290	-	-	1,290	1,290	430	43	14	5,160	1,720	\$ 158,501	\$ 5,686	\$ 8,529	\$ 2,843
25K-50K	22	-	-	660	-	-	660	-	-	660	660	220	22	7	2,640	880	\$ 81,094	\$ 2,909	\$ 4,364	\$ 1,455
50K-75K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
75K-100K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
100K-500K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
500K-1M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
> 1M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
Total	438	-	-	5,700	-	-	5,700	-	-	5,700	5,700	1,900	438	146	22,800	7,600	\$ 700,354	\$ 24,562	\$ 37,686	\$ 12,562
SURFACE WATER: NTNCWSs																				
Size Category	Number of Systems	Samples by Year (Representing 9-Year Compliance Cycle)									Summary of Monitoring, Burden, and Cost for ICR Period (2008-2011)									
		2008	2009	2010	2011	2012	2013	2014	2015	2016	Total Samples	Annual Samples	Total Monitoring Events	Annual Monitoring Events	Total Burden	Annual Burden	Total Labor Cost	Annual Labor Cost	Total O&M Cost	Annual O&M Cost
<100	11	-	-	55	-	-	55	-	-	55	55	18	11	4	220	73	\$ 6,758	\$ 2,253	\$ 364	\$ 121
101-500	10	-	-	50	-	-	50	-	-	50	50	17	10	3	200	67	\$ 6,143	\$ 2,048	\$ 331	\$ 110
501-1K	4	-	-	40	-	-	40	-	-	40	40	13	4	1	160	53	\$ 4,915	\$ 1,638	\$ 264	\$ 88
1K-3.3K	3	-	-	30	-	-	30	-	-	30	30	10	3	1	120	40	\$ 3,686	\$ 1,229	\$ 198	\$ 66
3.3K-10K	1	-	-	20	-	-	20	-	-	20	20	7	1	0	80	27	\$ 2,457	\$ 819	\$ 132	\$ 44
10K-25K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
25K-50K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
50K-75K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
75K-100K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
100K-500K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
500K-1M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
> 1M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
Total	29	-	-	195	-	-	195	-	-	195	195	65	29	10	780	260	\$ 23,959	\$ 7,986	\$ 1,289	\$ 430
SURFACE WATER: ALL SYSTEMS																				
Size Category	Number of Systems	Samples by Year (Representing 9-Year Compliance Cycle)									Summary of Monitoring, Burden, and Cost for ICR Period (2008-2011)									
		2008	2009	2010	2011	2012	2013	2014	2015	2016	Total Samples	Annual Samples	Total Monitoring Events	Annual Monitoring Events	Total Burden	Annual Burden	Total Labor Cost	Annual Labor Cost	Total O&M Cost	Annual O&M Cost
<100	62	-	-	310	-	-	310	-	-	310	310	103	62	21	1,240	413	\$ 38,089	\$ 2,815	\$ 2,050	\$ 683
101-500	101	-	-	505	-	-	505	-	-	505	505	168	101	34	2,020	673	\$ 62,049	\$ 4,053	\$ 3,339	\$ 1,113
501-1K	55	-	-	550	-	-	550	-	-	550	550	183	55	18	2,200	733	\$ 67,578	\$ 3,886	\$ 3,636	\$ 1,212
1K-3.3K	110	-	-	1,100	-	-	1,100	-	-	1,100	1,100	367	110	37	4,400	1,467	\$ 135,156	\$ 5,945	\$ 7,273	\$ 2,424
3.3K-10K	74	-	-	1,480	-	-	1,480	-	-	1,480	1,480	493	74	25	5,920	1,973	\$ 181,846	\$ 7,254	\$ 9,785	\$ 3,262
10K-25K	43	-	-	1,290	-	-	1,290	-	-	1,290	1,290	430	43	14	5,160	1,720	\$ 158,501	\$ 5,686	\$ 8,529	\$ 2,843
25K-50K	22	-	-	660	-	-	660	-	-	660	660	220	22	7	2,640	880	\$ 81,094	\$ 2,909	\$ 4,364	\$ 1,455
50K-75K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
75K-100K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
100K-500K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
500K-1M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
> 1M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
Total	467	-	-	5,895	-	-	5,895	-	-	5,895	5,895	1,965	467	156	23,580	7,860	\$ 724,313	\$ 32,549	\$ 38,976	\$ 12,992





Exhibit 6 - TAP MONITORING FOR LEAD & COPPER - MONITORING, BURDEN, AND COST SUMMARY (cont)

Summary - All Scenarios (cont.)

ALL SYSTEMS																				
Size Category	Number of Systems	Samples by Year (Representing 9-Year Compliance Cycle)									Summary of Monitoring, Burden, and Cost for ICR Period (2008-2011)									
		2008	2009	2010	2011	2012	2013	2014	2015	2016	Total Samples	Annual Samples	Total Monitoring Events	Annual Monitoring Events	Total Burden	Annual Burden	Total Labor Cost	Annual Labor Cost	Total O&M Cost	Annual O&M Cost
		<100	22,402	72,815	22,975	15,080	72,815	22,975	15,080	84,015	22,975	15,080	110,870	36,957	22,174	7,391	443,480	147,827	\$ 13,622,496	\$ 4,540,832
101-500	22,914	73,380	22,725	14,495	73,380	22,725	14,495	84,840	22,725	14,495	110,600	36,867	22,120	7,373	442,400	147,467	\$ 13,589,321	\$ 4,529,774	\$ 731,249	\$ 243,750
501-1K	7,507	47,890	14,750	9,350	47,890	14,750	9,350	55,400	14,750	9,350	71,990	23,997	7,199	2,400	287,960	95,987	\$ 8,845,346	\$ 2,948,449	\$ 475,973	\$ 158,658
1K-3.3K	9,061	57,570	17,620	11,060	57,570	17,620	11,060	66,630	17,620	11,060	86,250	28,750	8,625	2,875	345,000	115,000	\$ 10,597,459	\$ 3,532,486	\$ 570,256	\$ 190,085
3.3K-10K	4,942	16,380	6,940	81,060	16,380	6,940	81,060	16,380	6,940	81,060	104,380	34,793	5,219	1,740	417,520	139,173	\$ 12,825,076	\$ 4,275,025	\$ 690,125	\$ 230,042
10K-25K	2,201	11,070	4,770	54,330	11,070	4,770	54,330	11,070	4,770	54,330	70,170	23,390	2,339	780	280,680	93,560	\$ 8,621,724	\$ 2,873,908	\$ 463,940	\$ 154,647
25K-50K	995	4,980	2,130	24,510	4,980	2,130	24,510	4,980	2,130	24,510	31,620	10,540	1,054	351	126,480	42,160	\$ 3,885,121	\$ 1,295,040	\$ 209,061	\$ 69,687
50K-75K	371	360	11,310	360	360	11,310	360	360	11,310	360	12,030	4,010	401	134	48,120	16,040	\$ 1,478,115	\$ 492,705	\$ 79,538	\$ 26,513
75K-100K	157	120	4,770	120	120	4,770	120	120	4,770	120	5,010	1,670	167	56	20,040	6,680	\$ 615,574	\$ 205,191	\$ 33,124	\$ 11,041
100K-500K	346	500	17,550	500	500	17,550	500	500	17,550	500	18,550	6,183	371	124	74,200	24,733	\$ 2,279,222	\$ 759,741	\$ 122,646	\$ 40,882
500K-1M	34	100	1,750	100	100	1,750	100	100	1,750	100	1,950	650	39	13	7,800	2,600	\$ 239,595	\$ 79,865	\$ 12,893	\$ 4,298
> 1M	19	100	1,000	100	100	1,000	100	100	1,000	100	1,200	400	24	8	4,800	1,600	\$ 147,443	\$ 49,148	\$ 7,934	\$ 2,645
<b>Total</b>	<b>70,949</b>	<b>285,265</b>	<b>128,290</b>	<b>211,065</b>	<b>285,265</b>	<b>128,290</b>	<b>211,065</b>	<b>324,495</b>	<b>128,290</b>	<b>211,065</b>	<b>624,620</b>	<b>208,207</b>	<b>69,732</b>	<b>23,244</b>	<b>2,498,480</b>	<b>832,827</b>	<b>\$ 76,746,491</b>	<b>\$ 25,582,164</b>	<b>\$ 4,129,774</b>	<b>\$ 1,376,591</b>

**Exhibit 7 - WQP MONITORING FOR LEAD & COPPER - SYSTEM INVENTORY**

Source: SDWIS/FED Data from October 2007

**GROUND WATER: CWSS**

Size Category	Total Systems
<100	12,091
101-500	13,919
501-1K	4,511
1K-3.3K	5,770
3.3K-10K	2,796
10K-25K	977
25K-50K	370
50K-75K	118
75K-100K	31
100K-500K	69
500K-1M	4
> 1M	3
<b>TOTAL:</b>	<b>40,658</b>

**SURFACE WATER: CWSS**

Size Category	Total Systems
<100	1,179
101-500	2,093
501-1K	1,167
1K-3.3K	2,458
3.3K-10K	2,026
10K-25K	1,211
25K-50K	617
50K-75K	252
75K-100K	126
100K-500K	276
500K-1M	30
> 1M	16
<b>TOTAL:</b>	<b>11,452</b>

**GROUND WATER: NTCWSS**

Size Category	Total Systems
<100	8,873
101-500	6,666
501-1K	1,741
1K-3.3K	765
3.3K-10K	100
10K-25K	9
25K-50K	6
50K-75K	-
75K-100K	-
100K-500K	-
500K-1M	-
> 1M	-
<b>TOTAL:</b>	<b>18,159</b>

**SURFACE WATER: NTCWSS**

Size Category	Total Systems
<100	259
101-500	236
501-1K	88
1K-3.3K	68
3.3K-10K	20
10K-25K	4
25K-50K	2
50K-75K	1
75K-100K	-
100K-500K	1
500K-1M	-
> 1M	-
<b>TOTAL:</b>	<b>680</b>

**GROUND WATER: ALL SYSTEMS**

Size Category	Total Systems
<100	20,963
101-500	20,585
501-1K	6,252
1K-3.3K	6,535
3.3K-10K	2,896
10K-25K	986
25K-50K	376
50K-75K	118
75K-100K	31
100K-500K	69
500K-1M	4
> 1M	3
<b>TOTAL:</b>	<b>58,818</b>

**SURFACE WATER: ALL SYSTEMS**

Size Category	Total Systems
<100	1,439
101-500	2,329
501-1K	1,255
1K-3.3K	2,526
3.3K-10K	2,046
10K-25K	1,215
25K-50K	619
50K-75K	253
75K-100K	126
100K-500K	277
500K-1M	30
> 1M	16
<b>TOTAL:</b>	<b>12,131</b>

**Exhibit 8 - WQP MONITORING - LABOR RATES**

State Labor Rate \$42.80

System Labor Rates	
<100	\$30.72
101-500	\$30.72
501-1K	\$30.72
1K-3.3K	\$30.72
3.3K-10K	\$30.72
10K-25K	\$30.72
25K-50K	\$30.72
50K-75K	\$30.72
75K-100K	\$30.72
100K-500K	\$30.72
500K-1M	\$30.72
> 1M	\$30.72

**PWS Labor Rate**

Base (Hourly)	\$17.87	2006\$ BLS SOC Code 51-8031, "Local Government - Water and Liquid Waste Treatment Plant and System Operators"
Load Factor	1.6	
Inflation Factor	1.07	108.4 ECI December 2007*
Total	\$30.72	100.9 ECI June 2006*

**State Labor Rate**

Base (Hourly)	\$24.92	2006\$ BLS SOC Code 19-2041, "State Government - Environmental Scientists and Specialists, Including Health"
Load Factor	1.6	
Inflation Factor	1.07	108.2 ECI September 2007**
Total	\$42.80	100.8 ECI June 2006**

\* Source: Employment Cost Index Historical Listing Current-dollar March 2001 - December 2007, Total Compensation, Not Seasonally Adjusted, Index Number, State & Local Government, All Workers, Table 7.

\*\* Source: Employment Cost Index Historical Listing Current-dollar March 2001 - December 2007, Total Compensation, Not Seasonally Adjusted, Index Number, State & Local Government, Professional & Related, Table 7.





Exhibit 10 - WQP MONITORING - MONITORING SCENARIO ALLOCATION

GROUND WATER: CWSs													
Size Category	Total Systems	Actual Number of B3 Systems	Percent of Systems Under Each Monitoring Scenario										
			1	1	2	2	3a	3a	3aAR	3aAR	3b	3b	
			Monitor Only -- only b3s -- (ENTRY POINT)	Monitor Only -- only b3s -- (TAP)	Don't Exceed After Treatment (ENTRY POINT)	Don't Exceed After Treatment (TAP)	Exceed After Treatment, Study (Entry Point)	Exceed After Treatment, Study (Tap)	Accel. Reduced Exceed After Treatment, Study (Entry Point)	Accel. Reduced Exceed After Treatment, Study (Tap)	Exceed After Treatment, No Study (Entry Point)	Exceed After Treatment, No Study (Tap)	
<100	12,091	-	-	-	-	-	-	0.35%	0.35%	-	-	1.05%	1.05%
101-500	13,919	-	-	-	-	-	-	0.24%	0.24%	-	-	0.73%	0.73%
501-1K	4,511	-	-	-	-	-	-	0.24%	0.24%	-	-	0.73%	0.73%
1K-3.3K	5,770	-	-	-	-	-	-	0.24%	0.24%	-	-	0.71%	0.71%
3.3K-10K	2,796	-	-	-	-	-	-	0.28%	0.28%	-	-	0.84%	0.84%
10K-25K	977	-	-	-	-	-	-	0.32%	0.32%	-	-	0.96%	0.96%
25K-50K	370	-	-	-	-	-	-	0.30%	0.30%	-	-	0.91%	0.91%
50K-75K	118	22	-	-	-	-	-	1.35%	1.35%	-	-	0.00%	0.00%
75K-100K	31	10	-	-	-	-	-	1.27%	1.27%	-	-	0.00%	0.00%
100K-500K	69	22	-	-	-	-	-	1.45%	1.45%	-	-	0.00%	0.00%
500K-1M	4	1	-	-	-	-	-	2.94%	2.94%	-	-	0.00%	0.00%
> 1M	3	-	-	-	-	-	-	5.26%	5.26%	-	-	0.00%	0.00%
TOTAL:	40,658												

GROUND WATER: NTCWSS													
Size Category	Total Systems	Actual Number of B3 Systems	Percent of Systems Under Each Monitoring Scenario										
			1	1	2	2	3a	3a	3aAR	3aAR	3b	3b	
			Monitor Only -- only b3s -- (ENTRY POINT)	Monitor Only -- only b3s -- (TAP)	Don't Exceed After Treatment (ENTRY POINT)	Don't Exceed After Treatment (TAP)	Exceed After Treatment, Study (Entry Point)	Exceed After Treatment, Study (Tap)	Accel. Reduced Exceed After Treatment, Study (Entry Point)	Accel. Reduced Exceed After Treatment, Study (Tap)	Exceed After Treatment, No Study (Entry Point)	Exceed After Treatment, No Study (Tap)	
<100	8,873	-	-	-	-	-	-	0.59%	0.59%	-	-	1.78%	1.78%
101-500	6,666	-	-	-	-	-	-	0.52%	0.52%	-	-	1.55%	1.55%
501-1K	1,741	-	-	-	-	-	-	0.48%	0.48%	-	-	1.44%	1.44%
1K-3.3K	765	-	-	-	-	-	-	0.48%	0.48%	-	-	1.44%	1.44%
3.3K-10K	100	-	-	-	-	-	-	0.21%	0.21%	-	-	0.63%	0.63%
10K-25K	9	-	-	-	-	-	-	0.00%	0.00%	-	-	0.00%	0.00%
25K-50K	6	-	-	-	-	-	-	0.00%	0.00%	-	-	0.00%	0.00%
50K-75K	-	-	-	-	-	-	-	100.00%	100.00%	-	-	0.00%	-
75K-100K	-	-	-	-	-	-	-	0.00%	0.00%	-	-	0.00%	-
100K-500K	-	-	-	-	-	-	-	0.00%	0.00%	-	-	0.00%	-
500K-1M	-	-	-	-	-	-	-	0.00%	0.00%	-	-	0.00%	-
> 1M	-	-	-	-	-	-	-	0.00%	0.00%	-	-	0.00%	-
TOTAL:	18,159												

SURFACE WATER: CWSs													
Size Category	Total Systems	Actual Number of B3 Systems	Percent of Systems Under Each Monitoring Scenario										
			1	1	2	2	3a	3a	3aAR	3aAR	3b	3b	
			Monitor Only -- only b3s -- (ENTRY POINT)	Monitor Only -- only b3s -- (TAP)	Don't Exceed After Treatment (ENTRY POINT)	Don't Exceed After Treatment (TAP)	Exceed After Treatment, Study (Entry Point)	Exceed After Treatment, Study (Tap)	Accel. Reduced Exceed After Treatment, Study (Entry Point)	Accel. Reduced Exceed After Treatment, Study (Tap)	Exceed After Treatment, No Study (Entry Point)	Exceed After Treatment, No Study (Tap)	
<100	1,179	-	-	-	-	-	-	0.35%	0.35%	0.00%	0.00%	1.05%	1.05%
101-500	2,093	-	-	-	-	-	-	0.24%	0.24%	0.00%	0.00%	0.73%	0.73%
501-1K	1,167	-	-	-	-	-	-	0.24%	0.24%	0.00%	0.00%	0.73%	0.73%
1K-3.3K	2,458	-	-	-	-	-	-	0.24%	0.24%	0.00%	0.00%	0.71%	0.71%
3.3K-10K	2,026	-	-	-	-	-	-	0.28%	0.28%	0.00%	0.00%	0.84%	0.84%
10K-25K	1,211	-	-	-	-	-	-	0.32%	0.32%	0.00%	0.00%	0.96%	0.96%
25K-50K	617	-	-	-	-	-	-	0.30%	0.30%	0.00%	0.00%	0.91%	0.91%
50K-75K	252	38	-	-	-	-	-	1.35%	84.92%	0.00%	0.00%	0.00%	-
75K-100K	126	16	-	-	-	-	-	1.27%	87.30%	0.00%	0.00%	0.00%	-
100K-500K	276	57	-	-	-	-	-	1.45%	79.35%	0.00%	0.00%	0.00%	-
500K-1M	30	3	-	-	-	-	-	2.94%	90.00%	0.00%	0.00%	0.00%	-
> 1M	16	2	-	-	-	-	-	5.26%	87.50%	0.00%	0.00%	0.00%	-
TOTAL:	11,452												

SURFACE WATER: NTCWSS													
Size Category	Total Systems	Actual Number of B3 Systems	Percent of Systems Under Each Monitoring Scenario										
			1	1	2	2	3a	3a	3aAR	3aAR	3b	3b	
			Monitor Only -- only b3s -- (ENTRY POINT)	Monitor Only -- only b3s -- (TAP)	Don't Exceed After Treatment (ENTRY POINT)	Don't Exceed After Treatment (TAP)	Exceed After Treatment, Study (Entry Point)	Exceed After Treatment, Study (Tap)	Accel. Reduced Exceed After Treatment, Study (Entry Point)	Accel. Reduced Exceed After Treatment, Study (Tap)	Exceed After Treatment, No Study (Entry Point)	Exceed After Treatment, No Study (Tap)	
<100	259	-	-	-	-	-	-	0.59%	0.59%	0.00%	-	1.78%	1.78%
101-500	236	-	-	-	-	-	-	0.52%	0.52%	0.00%	-	1.55%	1.55%
501-1K	88	-	-	-	-	-	-	0.48%	0.48%	0.00%	-	1.44%	1.44%
1K-3.3K	68	-	-	-	-	-	-	0.48%	0.48%	0.00%	-	1.44%	1.44%
3.3K-10K	20	-	-	-	-	-	-	0.21%	0.21%	0.00%	-	0.63%	0.63%
10K-25K	4	-	-	-	-	-	-	0.00%	0.00%	0.00%	-	0.00%	0.00%
25K-50K	2	-	-	-	-	-	-	0.00%	0.00%	0.00%	-	0.00%	0.00%
50K-75K	1	-	-	-	-	-	-	100.00%	100.00%	0.00%	0.00%	0.00%	-
75K-100K	-	-	-	-	-	-	-	0.00%	0.00%	0.00%	0.00%	0.00%	-
100K-500K	1	-	-	-	-	-	-	0.00%	0.00%	0.00%	0.00%	0.00%	-
500K-1M	-	-	-	-	-	-	-	0.00%	0.00%	0.00%	0.00%	0.00%	-
> 1M	-	-	-	-	-	-	-	0.00%	0.00%	0.00%	0.00%	0.00%	-
TOTAL:	680												

Notes: For scenarios in which the system no longer exceeded an action level after treatment (i.e., 1 and 2), it was assumed that by 1999 these systems would no longer be conducting WQP monitoring.

















Exhibit 12 - WQP MONITORING - MONITORING, BURDEN, AND COST SUMMARY (cont.)

Summary - All Sample Types and Scenarios

Table with columns: Size Category, Number of Systems, Samples by Year (2008-2016), Summary of Monitoring, Burden, and Cost for ICR Period (2008-2011). Includes sub-headers for 'Samples by Year' and 'Summary of Monitoring, Burden, and Cost for ICR Period'.

Table with columns: Size Category, Number of Systems, Samples by Year (2008-2016), Summary of Monitoring, Burden, and Cost for ICR Period (2008-2011). Includes sub-headers for 'Samples by Year' and 'Summary of Monitoring, Burden, and Cost for ICR Period'.

Table with columns: Size Category, Number of Systems, Samples by Year (2008-2016), Summary of Monitoring, Burden, and Cost for ICR Period (2008-2011). Includes sub-headers for 'Samples by Year' and 'Summary of Monitoring, Burden, and Cost for ICR Period'.

Exhibit 12 - WQP MONITORING - MONITORING, BURDEN, AND COST SUMMARY (cont.)

Summary - All Sample Types and Scenarios (cont.)

Table with columns: Size Category, Number of Systems, Samples by Year (2008-2016), Summary of Monitoring, Burden, and Cost for ICR Period (2008-2011). Includes sub-headers for 'Samples by Year' and 'Summary of Monitoring, Burden, and Cost for ICR Period'.

Table with columns: Size Category, Number of Systems, Samples by Year (2008-2016), Summary of Monitoring, Burden, and Cost for ICR Period (2008-2011). Includes sub-headers for 'Samples by Year' and 'Summary of Monitoring, Burden, and Cost for ICR Period'.

Table with columns: Size Category, Number of Systems, Samples by Year (2008-2016), Summary of Monitoring, Burden, and Cost for ICR Period (2008-2011). Includes sub-headers for 'Samples by Year' and 'Summary of Monitoring, Burden, and Cost for ICR Period'.

Exhibit 12 - WQP MONITORING - MONITORING, BURDEN, AND COST SUMMARY (cont.)

Summary - All Sample Types and Scenarios (cont.)

Table with columns: Size Category, Number of Systems, Samples by Year (2008-2016), Summary of Monitoring, Burden, and Cost for ICR Period (2008-2011). Includes sub-headers for 'Samples by Year' and 'Summary of Monitoring, Burden, and Cost for ICR Period'.

**Exhibit 13 - SOURCE WATER MONITORING FOR LEAD & COPPER - SYSTEM INVENTORY**

Source: SDWIS/FED Data from October 2007

**GROUND WATER: CWSs**

Size Category	Total Systems
<100	12,091
101-500	13,919
501-1K	4,511
1K-3.3K	5,770
3.3K-10K	2,796
10K-25K	977
25K-50K	370
50K-75K	118
75K-100K	31
100K-500K	69
500K-1M	4
> 1M	3
<b>TOTAL:</b>	<b>40,658</b>

**SURFACE WATER: CWSs**

Size Category	Total Systems
<100	1,179
101-500	2,093
501-1K	1,167
1K-3.3K	2,458
3.3K-10K	2,026
10K-25K	1,211
25K-50K	617
50K-75K	252
75K-100K	126
100K-500K	276
500K-1M	30
> 1M	16
<b>TOTAL:</b>	<b>11,452</b>

**GROUND WATER: NTCWSs**

Size Category	Total Systems
<100	8,873
101-500	6,666
501-1K	1,741
1K-3.3K	765
3.3K-10K	100
10K-25K	9
25K-50K	6
50K-75K	0
75K-100K	0
100K-500K	0
500K-1M	0
> 1M	0
<b>TOTAL:</b>	<b>18,159</b>

**SURFACE WATER: NTCWSs**

Size Category	Total Systems
<100	259
101-500	236
501-1K	88
1K-3.3K	68
3.3K-10K	20
10K-25K	4
25K-50K	2
50K-75K	1
75K-100K	0
100K-500K	1
500K-1M	0
> 1M	0
<b>TOTAL:</b>	<b>680</b>

**GROUND WATER: ALL SYSTEMS**

Size Category	Total Systems
<100	20,963
101-500	20,585
501-1K	6,252
1K-3.3K	6,535
3.3K-10K	2,896
10K-25K	986
25K-50K	376
50K-75K	118
75K-100K	31
100K-500K	69
500K-1M	4
> 1M	3
<b>TOTAL:</b>	<b>58,818</b>

**SURFACE WATER: ALL SYSTEMS**

Size Category	Total Systems
<100	1,439
101-500	2,329
501-1K	1,255
1K-3.3K	2,526
3.3K-10K	2,046
10K-25K	1,215
25K-50K	619
50K-75K	253
75K-100K	126
100K-500K	277
500K-1M	30
> 1M	16
<b>TOTAL:</b>	<b>12,131</b>

**Exhibit 14 - SOURCE WATER MONITORING FOR LEAD & COPPER - LABOR RATES**

State Labor Rate \$42.80

System Labor Rates	
<100	\$30.72
101-500	\$30.72
501-1K	\$30.72
1K-3.3K	\$30.72
3.3K-10K	\$30.72
10K-25K	\$30.72
25K-50K	\$30.72
50K-75K	\$30.72
75K-100K	\$30.72
100K-500K	\$30.72
500K-1M	\$30.72
> 1M	\$30.72

**PWS Labor Rate**  
 Base (Hourly) \$17.87  
 Load Factor 1.6  
 Inflation Factor 1.07  
 Total \$30.72

2006\$ BLS SOC Code 51-8031, "Local Government - Water and Liquid Waste Treatment Plant and System Operators"  
 108.4 ECI December 2007\*  
 100.9 ECI June 2006\*

**State Labor Rate**  
 Base (Hourly) \$24.92  
 Load Factor 1.6  
 Inflation Factor 1.07  
 Total \$42.80

2006\$ BLS SOC Code 19-2041, "State Government - Environmental Scientists and Specialists, Including Health"  
 108.2 ECI September 2007\*\*  
 100.8 ECI June 2006\*\*

\* Source: Employment Cost Index Historical Listing Current-dollar March 2001 - December 2007, Total Compensation, Not Seasonally Adjusted, Index Number, State & Local Government, All Workers, Table 7.

\*\* Source: Employment Cost Index Historical Listing Current-dollar March 2001 - December 2007, Total Compensation, Not Seasonally Adjusted, Index Number, State & Local Government, Professional & Related, Table 7.

**Exhibit 15 - SOURCE WATER MONITORING FOR LEAD & COPPER - MONITORING, BURDEN, AND COST ASSUMPTIONS**

GROUND WATER: CWSs									
Size Category	Total Systems	Avg. # of Entry Pts. (Samples)	Avg. # of Samples per Mon. Event (Composited)	Average Labor Hrs. for Collection (Per Sample)	Average Labor Hrs. for Analysis (Per Sample)	Labor Rate For Collection & Analysis	Average O&M Cost Per Sample	Total Average Labor Cost Per Mon. Event	Total Average O&M Cost Per Mon. Event
<100	12,091	1.0	1.0	0.5	1.0	\$ 30.72	\$ 6.61	\$ 30.72	\$ 6.61
101-500	13,919	1.3	1.3	0.5	1.0	\$ 30.72	\$ 6.61	\$ 39.66	\$ 8.54
501-1K	4,511	1.5	1.5	0.5	1.0	\$ 30.72	\$ 6.61	\$ 45.62	\$ 9.82
1K-3.3K	5,770	1.6	1.6	0.5	1.0	\$ 30.72	\$ 6.61	\$ 48.59	\$ 10.46
3.3K-10K	2,796	2.1	2.1	0.5	1.0	\$ 30.72	\$ 6.61	\$ 63.49	\$ 13.67
10K-25K	977	4.0	3.9	0.5	1.0	\$ 30.72	\$ 6.61	\$ 119.92	\$ 25.81
25K-50K	370	4.0	3.9	0.5	1.0	\$ 30.72	\$ 6.61	\$ 119.92	\$ 25.81
50K-75K	118	4.9	4.8	0.5	1.0	\$ 30.72	\$ 6.61	\$ 146.90	\$ 31.62
75K-100K	31	4.9	4.8	0.5	1.0	\$ 30.72	\$ 6.61	\$ 146.90	\$ 31.62
100K-500K	69	9.1	8.9	0.5	1.0	\$ 30.72	\$ 6.61	\$ 272.82	\$ 58.72
500K-1M	4	9.1	8.9	0.5	1.0	\$ 30.72	\$ 6.61	\$ 272.82	\$ 58.72
> 1M	3	9.1	8.9	0.5	1.0	\$ 30.72	\$ 6.61	\$ 272.82	\$ 58.72
<b>TOTAL:</b>	<b>40,658</b>								
GROUND WATER: NTNCWSs									
Size Category	Total Systems	Avg. # of Entry Pts. (Samples)	Avg. # of Samples per Mon. Event (Composited)	Average Labor Hrs. for Collection (Per Sample)	Average Labor Hrs. for Analysis (Per Sample)	Labor Rate For Collection & Analysis	Average O&M Cost Per Sample	Total Average Labor Cost Per Mon. Event	Total Average O&M Cost Per Mon. Event
<100	8,873	1.0	1.0	0.5	1.0	\$ 30.72	\$ 6.61	\$ 30.72	\$ 6.61
101-500	6,666	1.0	1.0	0.5	1.0	\$ 30.72	\$ 6.61	\$ 30.72	\$ 6.61
501-1K	1,741	1.0	1.0	0.5	1.0	\$ 30.72	\$ 6.61	\$ 30.72	\$ 6.61
1K-3.3K	765	1.0	1.0	0.5	1.0	\$ 30.72	\$ 6.61	\$ 30.72	\$ 6.61
3.3K-10K	100	1.0	1.0	0.5	1.0	\$ 30.72	\$ 6.61	\$ 30.72	\$ 6.61
10K-25K	9	1.0	1.0	0.5	1.0	\$ 30.72	\$ 6.61	\$ 30.72	\$ 6.61
25K-50K	6	1.0	1.0	0.5	1.0	\$ 30.72	\$ 6.61	\$ 30.72	\$ 6.61
50K-75K	-	1.0	1.0	0.5	1.0	\$ 30.72	\$ 6.61	\$ 30.72	\$ 6.61
75K-100K	-	1.0	1.0	0.5	1.0	\$ 30.72	\$ 6.61	\$ 30.72	\$ 6.61
100K-500K	-	1.0	1.0	0.5	1.0	\$ 30.72	\$ 6.61	\$ 30.72	\$ 6.61
500K-1M	-	1.0	1.0	0.5	1.0	\$ 30.72	\$ 6.61	\$ 30.72	\$ 6.61
> 1M	-	1.0	1.0	0.5	1.0	\$ 30.72	\$ 6.61	\$ 30.72	\$ 6.61
<b>TOTAL:</b>	<b>18,159</b>								
GROUND WATER: ALL SYSTEMS									
Size Category	Total Systems	Avg. # of Entry Pts. (Samples)	Avg. # of Samples per Mon. Event (Composited)	Average Labor Hrs. for Collection (Per Sample)	Average Labor Hrs. for Analysis (Per Sample)	Labor Rate For Collection & Analysis	Average O&M Cost Per Sample	Total Average Labor Cost Per Mon. Event	Total Average O&M Cost Per Mon. Event
<100	20,963	varies	varies	0.5	1.0	\$ 30.72	\$ 6.61	varies	varies
101-500	20,585	varies	varies	0.5	1.0	\$ 30.72	\$ 6.61	varies	varies
501-1K	6,252	varies	varies	0.5	1.0	\$ 30.72	\$ 6.61	varies	varies
1K-3.3K	6,535	varies	varies	0.5	1.0	\$ 30.72	\$ 6.61	varies	varies
3.3K-10K	2,896	varies	varies	0.5	1.0	\$ 30.72	\$ 6.61	varies	varies
10K-25K	986	varies	varies	0.5	1.0	\$ 30.72	\$ 6.61	varies	varies
25K-50K	376	varies	varies	0.5	1.0	\$ 30.72	\$ 6.61	varies	varies
50K-75K	118	varies	varies	0.5	1.0	\$ 30.72	\$ 6.61	varies	varies
75K-100K	31	varies	varies	0.5	1.0	\$ 30.72	\$ 6.61	varies	varies
100K-500K	69	varies	varies	0.5	1.0	\$ 30.72	\$ 6.61	varies	varies
500K-1M	4	varies	varies	0.5	1.0	\$ 30.72	\$ 6.61	varies	varies
> 1M	3	varies	varies	0.5	1.0	\$ 30.72	\$ 6.61	varies	varies
<b>TOTAL:</b>	<b>58,818</b>								

Exhibit 15 - SOURCE WATER MONITORING FOR LEAD & COPPER - MONITORING, BURDEN, AND COST ASSUMPTIONS (cont.)

SURFACE WATER: CWSS									
Size Category	Total Systems	Avg. # of Entry Pts. (Samples)	Avg. # of Samples per Mon. Event (Composited)	Average Labor Hrs. for Collection (Per Sample)	Average Labor Hrs. for Analysis (Per Sample)	Labor Rate For Collection & Analysis	Average O&M Cost Per Sample	Total Average Labor Cost Per Mon. Event	Total Average O&M Cost Per Mon. Event
<100	1,179	1.0	1.0	0.5	1.0	\$ 30.72	\$ 6.61	\$ 30.72	\$ 6.61
101-500	2,093	1.1	1.1	0.5	1.0	\$ 30.72	\$ 6.61	\$ 33.70	\$ 7.25
501-1K	1,167	1.1	1.1	0.5	1.0	\$ 30.72	\$ 6.61	\$ 33.70	\$ 7.25
1K-3.3K	2,458	1.1	1.1	0.5	1.0	\$ 30.72	\$ 6.61	\$ 33.70	\$ 7.25
3.3K-10K	2,026	1.3	1.3	0.5	1.0	\$ 30.72	\$ 6.61	\$ 39.66	\$ 8.54
10K-25K	1,211	1.3	1.3	0.5	1.0	\$ 30.72	\$ 6.61	\$ 39.66	\$ 8.54
25K-50K	617	1.3	1.3	0.5	1.0	\$ 30.72	\$ 6.61	\$ 39.66	\$ 8.54
50K-75K	252	2.4	2.4	0.5	1.0	\$ 30.72	\$ 6.61	\$ 72.43	\$ 15.59
75K-100K	126	2.4	2.4	0.5	1.0	\$ 30.72	\$ 6.61	\$ 72.43	\$ 15.59
100K-500K	276	2.6	2.6	0.5	1.0	\$ 30.72	\$ 6.61	\$ 78.39	\$ 16.87
500K-1M	30	2.6	2.6	0.5	1.0	\$ 30.72	\$ 6.61	\$ 78.39	\$ 16.87
> 1M	16	3.2	3.1	0.5	1.0	\$ 30.72	\$ 6.61	\$ 96.27	\$ 20.72
TOTAL:	11,452								
SURFACE WATER: NTCWSS									
Size Category	Total Systems	Avg. # of Entry Pts. (Samples)	Avg. # of Samples per Mon. Event (Composited)	Average Labor Hrs. for Collection (Per Sample)	Average Labor Hrs. for Analysis (Per Sample)	Labor Rate For Collection & Analysis	Average O&M Cost Per Sample	Total Average Labor Cost Per Mon. Event	Total Average O&M Cost Per Mon. Event
<100	259	1.0	1.0	0.5	1.0	\$ 30.72	\$ 6.61	\$ 30.72	\$ 6.61
101-500	236	1.0	1.0	0.5	1.0	\$ 30.72	\$ 6.61	\$ 30.72	\$ 6.61
501-1K	88	1.0	1.0	0.5	1.0	\$ 30.72	\$ 6.61	\$ 30.72	\$ 6.61
1K-3.3K	68	1.0	1.0	0.5	1.0	\$ 30.72	\$ 6.61	\$ 30.72	\$ 6.61
3.3K-10K	20	1.0	1.0	0.5	1.0	\$ 30.72	\$ 6.61	\$ 30.72	\$ 6.61
10K-25K	4	1.0	1.0	0.5	1.0	\$ 30.72	\$ 6.61	\$ 30.72	\$ 6.61
25K-50K	2	1.0	1.0	0.5	1.0	\$ 30.72	\$ 6.61	\$ 30.72	\$ 6.61
50K-75K	1	1.0	1.0	0.5	1.0	\$ 30.72	\$ 6.61	\$ 30.72	\$ 6.61
75K-100K	-	1.0	1.0	0.5	1.0	\$ 30.72	\$ 6.61	\$ 30.72	\$ 6.61
100K-500K	1	1.0	1.0	0.5	1.0	\$ 30.72	\$ 6.61	\$ 30.72	\$ 6.61
500K-1M	-	1.0	1.0	0.5	1.0	\$ 30.72	\$ 6.61	\$ 30.72	\$ 6.61
> 1M	-	1.0	1.0	0.5	1.0	\$ 30.72	\$ 6.61	\$ 30.72	\$ 6.61
TOTAL:	680								
SURFACE WATER: ALL SYSTEMS									
Size Category	Total Systems	Avg. # of Entry Pts. (Samples)	Avg. # of Samples per Mon. Event (Composited)	Average Labor Hrs. for Collection (Per Sample)	Average Labor Hrs. for Analysis (Per Sample)	Labor Rate For Collection & Analysis	Average O&M Cost Per Sample	Total Average Labor Cost Per Mon. Event	Total Average O&M Cost Per Mon. Event
<100	1,439	varies	varies	0.5	1.0	\$ 30.72	\$ 6.61	varies	varies
101-500	2,329	varies	varies	0.5	1.0	\$ 30.72	\$ 6.61	varies	varies
501-1K	1,255	varies	varies	0.5	1.0	\$ 30.72	\$ 6.61	varies	varies
1K-3.3K	2,526	varies	varies	0.5	1.0	\$ 30.72	\$ 6.61	varies	varies
3.3K-10K	2,046	varies	varies	0.5	1.0	\$ 30.72	\$ 6.61	varies	varies
10K-25K	1,215	varies	varies	0.5	1.0	\$ 30.72	\$ 6.61	varies	varies
25K-50K	619	varies	varies	0.5	1.0	\$ 30.72	\$ 6.61	varies	varies
50K-75K	253	varies	varies	0.5	1.0	\$ 30.72	\$ 6.61	varies	varies
75K-100K	126	varies	varies	0.5	1.0	\$ 30.72	\$ 6.61	varies	varies
100K-500K	277	varies	varies	0.5	1.0	\$ 30.72	\$ 6.61	varies	varies
500K-1M	30	varies	varies	0.5	1.0	\$ 30.72	\$ 6.61	varies	varies
> 1M	16	varies	varies	0.5	1.0	\$ 30.72	\$ 6.61	varies	varies
TOTAL:	12,131								

Notes: Number of composited samples per monitoring event based on the assumption that 3% of systems will composite, with a maximum of 5 samples per composited sample.

No source water collection burden is assumed - lead and copper samples assumed to be collected along with other required source water samples.

O&M Costs per sample updated from the 1999 ICR using the CPI-U index for 2007

Burden estimates take into account the results of the February 2008 consultation with water industry representatives.

Exhibit 16 - SOURCE WATER MONITORING FOR LEAD & COPPER - MONITORING SCENARIO ALLOCATION

GROUND WATER: CWSS										
Size Category	Total Systems	Actual Number of B3 Systems	Percent of Systems Under Each Monitoring Scenario							
			1b	2a	2b	2c	3a	3b	3c	
			B3 Systems	>AL, No SOWT, >AL after treatment	>AL, No SOWT, Study, <AL after treatment	>AL, No SOWT, No Study, <AL after treatment	>AL, SOWT, >AL after treatment	>AL, SOWT, Study, <AL after treatment	>AL, SOWT, No Study, <AL after treatment	
<100	12,091	0	-	1.35%	-	-	-	0.05%	-	-
101-500	13,919	0	-	0.94%	-	-	-	0.03%	-	-
501-1K	4,511	0	-	0.94%	-	-	-	0.03%	-	-
1K-3.3K	5,770	0	-	0.92%	-	-	-	0.03%	-	-
3.3K-10K	2,796	0	-	1.08%	-	-	-	0.04%	-	-
10K-25K	977	0	-	1.24%	-	-	-	0.04%	-	-
25K-50K	370	0	-	1.18%	-	-	-	0.04%	-	-
50K-75K	118	22	18.64%	1.31%	-	-	-	0.04%	-	-
75K-100K	31	10	32.26%	1.23%	-	-	-	0.04%	-	-
100K-500K	69	22	31.88%	1.40%	-	-	-	0.05%	-	-
500K-1M	4	1	25.00%	2.84%	-	-	-	0.10%	-	-
> 1M	3	0	-	5.09%	-	-	-	0.17%	-	-
<b>TOTAL:</b>	<b>40,658</b>									

GROUND WATER: NTCWSS										
Size Category	Total Systems	Actual Number of B3 Systems	Percent of Systems Under Each Monitoring Scenario							
			1b	2a	2b	2c	3a	3b	3c	
			B3 Systems	>AL, No SOWT, >AL after treatment	>AL, No SOWT, Study, <AL after treatment	>AL, No SOWT, No Study, <AL after treatment	>AL, SOWT, >AL after treatment	>AL, SOWT, Study, <AL after treatment	>AL, SOWT, No Study, <AL after treatment	
<100	8,873	0	-	2.30%	-	-	-	0.08%	-	-
101-500	6,666	0	-	2.00%	-	-	-	0.07%	-	-
501-1K	1,741	0	-	1.85%	-	-	-	0.06%	-	-
1K-3.3K	765	0	-	1.86%	-	-	-	0.06%	-	-
3.3K-10K	100	0	-	0.81%	-	-	-	0.03%	-	-
10K-25K	9	0	-	0.00%	-	-	-	0.00%	-	-
25K-50K	6	0	-	0.00%	-	-	-	0.00%	-	-
50K-75K	-	0	-	96.70%	-	-	-	3.30%	-	-
75K-100K	-	0	-	0.00%	-	-	-	0.00%	-	-
100K-500K	-	0	-	0.00%	-	-	-	0.00%	-	-
500K-1M	-	0	-	0.00%	-	-	-	0.00%	-	-
> 1M	-	0	-	0.00%	-	-	-	0.00%	-	-
<b>TOTAL:</b>	<b>18,159</b>									

SURFACE WATER: CWSS										
Size Category	Total Systems	Actual Number of B3 Systems	Percent of Systems Under Each Monitoring Scenario							
			1b	2a	2b	2c	3a	3b	3c	
			B3 Systems	>AL, No SOWT, >AL after treatment	>AL, No SOWT, Study, <AL after treatment	>AL, No SOWT, No Study, <AL after treatment	>AL, SOWT, >AL after treatment	>AL, SOWT, Study, <AL after treatment	>AL, SOWT, No Study, <AL after treatment	
<100	1,179	0	-	1.35%	-	-	-	0.05%	-	-
101-500	2,093	0	-	0.94%	-	-	-	0.03%	-	-
501-1K	1,167	0	-	0.94%	-	-	-	0.03%	-	-
1K-3.3K	2,458	0	-	0.92%	-	-	-	0.03%	-	-
3.3K-10K	2,026	0	-	1.08%	-	-	-	0.04%	-	-
10K-25K	1,211	0	-	1.24%	-	-	-	0.04%	-	-
25K-50K	617	0	-	1.18%	-	-	-	0.04%	-	-
50K-75K	252	38	15.08%	1.31%	-	-	-	0.04%	-	-
75K-100K	126	16	12.70%	1.23%	-	-	-	0.04%	-	-
100K-500K	276	57	20.65%	1.40%	-	-	-	0.05%	-	-
500K-1M	30	3	10.00%	2.84%	-	-	-	0.10%	-	-
> 1M	16	2	12.50%	5.09%	-	-	-	0.17%	-	-
<b>TOTAL:</b>	<b>11,452</b>									

SURFACE WATER: NTCWSS										
Size Category	Total Systems	Actual Number of B3 Systems	Percent of Systems Under Each Monitoring Scenario							
			1b	2a	2b	2c	3a	3b	3c	
			B3 Systems	>AL, No SOWT, >AL after treatment	>AL, No SOWT, Study, <AL after treatment	>AL, No SOWT, No Study, <AL after treatment	>AL, SOWT, >AL after treatment	>AL, SOWT, Study, <AL after treatment	>AL, SOWT, No Study, <AL after treatment	
<100	259	0	-	2.30%	-	-	-	0.08%	-	-
101-500	236	0	-	2.00%	-	-	-	0.07%	-	-
501-1K	88	0	-	1.85%	-	-	-	0.06%	-	-
1K-3.3K	68	0	-	1.86%	-	-	-	0.06%	-	-
3.3K-10K	20	0	-	0.81%	-	-	-	0.03%	-	-
10K-25K	4	0	-	0.00%	-	-	-	0.00%	-	-
25K-50K	2	0	-	0.00%	-	-	-	0.00%	-	-
50K-75K	1	0	-	96.70%	-	-	-	3.30%	-	-
75K-100K	-	0	-	0.00%	-	-	-	0.00%	-	-
100K-500K	1	0	-	0.00%	-	-	-	0.00%	-	-
500K-1M	-	0	-	0.00%	-	-	-	0.00%	-	-
> 1M	-	0	-	0.00%	-	-	-	0.00%	-	-
<b>TOTAL:</b>	<b>680</b>									

Notes: Only (b)(3) systems and those systems exceeding the lead or copper action level are subject to source water monitoring requirements. For scenarios in which the system no longer exceeded an action level after treatment (i.e., 2b, 2c, 3b, and 3c), it was assumed that by 1999 these systems would no longer be conducting source water monitoring for lead and copper. Burden estimates take into account the results of the February 2008 consultation with water industry representatives.



Exhibit 19 - SOURCE WATER MONITORING FOR LEAD & COPPER - MONITORING, BURDEN, AND COST SUMMARY

Scenario 1b: Systems

GROUND WATER: CWSs																				
Size Category	Number of Systems	Samples by Year (Representing 9-Year Compliance Cycle)									Summary of Monitoring, Burden, and Cost for ICR Period (2008-2011)									
		2008	2009	2010	2011	2012	2013	2014	2015	2016	Total Samples	Annual Samples	Total Monitoring Events	Annual Monitoring Events	Total Burden	Annual Burden	Total Labor Cost	Annual Labor Cost	Total O&M Cost	Annual O&M Cost
<100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
101-500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
501-1K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1K-3.3K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
3.3K-10K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
10K-25K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
25K-50K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
50K-75K	22	-	105	-	-	105	-	-	105	-	105	35	22	7	105	35	\$ 3,232	\$ 1,077	\$ 696	
75K-100K	10	-	48	-	-	48	-	-	48	-	48	16	10	3	48	16	\$ 1,469	\$ 490	\$ 316	
100K-500K	22	-	195	-	-	195	-	-	195	-	195	65	22	7	195	65	\$ 6,002	\$ 2,001	\$ 1,292	
500K-1M	1	-	9	-	-	9	-	-	9	-	9	3	1	0	9	3	\$ 273	\$ 91	\$ 59	
> 1M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Total	55	-	357	-	-	357	-	-	357	-	357	119	55	18	357	119	\$ 10,976	\$ 3,659	\$ 2,362	
GROUND WATER: NTCWSs																				
Size Category	Number of Systems	Samples by Year (Representing 9-Year Compliance Cycle)									Summary of Monitoring, Burden, and Cost for ICR Period (2008-2011)									
		2008	2009	2010	2011	2012	2013	2014	2015	2016	Total Samples	Annual Samples	Total Monitoring Events	Annual Monitoring Events	Total Burden	Annual Burden	Total Labor Cost	Annual Labor Cost	Total O&M Cost	Annual O&M Cost
<100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
101-500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
501-1K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1K-3.3K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
3.3K-10K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
10K-25K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
25K-50K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
50K-75K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
75K-100K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
100K-500K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
500K-1M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
> 1M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Total	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
GROUND WATER: ALL SYSTEMS																				
Size Category	Number of Systems	Samples by Year (Representing 9-Year Compliance Cycle)									Summary of Monitoring, Burden, and Cost for ICR Period (2008-2011)									
		2008	2009	2010	2011	2012	2013	2014	2015	2016	Total Samples	Annual Samples	Total Monitoring Events	Annual Monitoring Events	Total Burden	Annual Burden	Total Labor Cost	Annual Labor Cost	Total O&M Cost	Annual O&M Cost
<100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
101-500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
501-1K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1K-3.3K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
3.3K-10K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
10K-25K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
25K-50K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
50K-75K	22	-	105	-	-	105	-	-	105	-	105	35	22	7	105	35	\$ 3,232	\$ 1,077	\$ 696	
75K-100K	10	-	48	-	-	48	-	-	48	-	48	16	10	3	48	16	\$ 1,469	\$ 490	\$ 316	
100K-500K	22	-	195	-	-	195	-	-	195	-	195	65	22	7	195	65	\$ 6,002	\$ 2,001	\$ 1,292	
500K-1M	1	-	9	-	-	9	-	-	9	-	9	3	1	0	9	3	\$ 273	\$ 91	\$ 59	
> 1M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Total	55	-	357	-	-	357	-	-	357	-	357	119	55	18	357	119	\$ 10,976	\$ 3,659	\$ 2,362	



Exhibit 19 - SOURCE WATER MONITORING FOR LEAD & COPPER - MONITORING, BURDEN, AND COST SUMMARY (cont.)

Scenario 1b: Systems (cont.)

SURFACE WATER: CWSS																				
Size Category	Number of Systems	Samples by Year (Representing 9-Year Compliance Cycle)									Summary of Monitoring, Burden, and Cost for ICR Period (2008-2011)									
		2008	2009	2010	2011	2012	2013	2014	2015	2016	Total Samples	Annual Samples	Total Monitoring Events	Annual Monitoring Events	Total Burden	Annual Burden	Total Labor Cost	Annual Labor Cost	Total O&M Cost	Annual O&M Cost
<100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
101-500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
501-1K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1K-3.3K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
3.3K-10K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
10K-25K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
25K-50K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
50K-75K	38	-	90	-	-	90	-	-	90	-	90	30	38	13	90	30	\$ 2,752	\$ 917	\$ 592	\$ 197
75K-100K	16	-	38	-	-	38	-	-	38	-	38	13	16	5	38	13	\$ 1,159	\$ 386	\$ 249	\$ 83
100K-500K	57	-	145	-	-	145	-	-	145	-	145	48	57	19	145	48	\$ 4,468	\$ 1,489	\$ 962	\$ 321
500K-1M	3	-	8	-	-	8	-	-	8	-	8	3	3	1	8	3	\$ 235	\$ 78	\$ 51	\$ 17
> 1M	2	-	6	-	-	6	-	-	6	-	6	2	2	1	6	2	\$ 193	\$ 64	\$ 41	\$ 14
Total	116	-	287	-	-	287	-	-	287	-	287	96	116	39	287	96	\$ 8,807	\$ 2,936	\$ 1,896	\$ 632
SURFACE WATER: NNTCWSS																				
Size Category	Number of Systems	Samples by Year (Representing 9-Year Compliance Cycle)									Summary of Monitoring, Burden, and Cost for ICR Period (2008-2011)									
		2008	2009	2010	2011	2012	2013	2014	2015	2016	Total Samples	Annual Samples	Total Monitoring Events	Annual Monitoring Events	Total Burden	Annual Burden	Total Labor Cost	Annual Labor Cost	Total O&M Cost	Annual O&M Cost
<100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
101-500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
501-1K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1K-3.3K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
3.3K-10K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
10K-25K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
25K-50K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
50K-75K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
75K-100K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
100K-500K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
500K-1M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
> 1M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Total	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
SURFACE WATER: ALL SYSTEMS																				
Size Category	Number of Systems	Samples by Year (Representing 9-Year Compliance Cycle)									Summary of Monitoring, Burden, and Cost for ICR Period (2008-2011)									
		2008	2009	2010	2011	2012	2013	2014	2015	2016	Total Samples	Annual Samples	Total Monitoring Events	Annual Monitoring Events	Total Burden	Annual Burden	Total Labor Cost	Annual Labor Cost	Total O&M Cost	Annual O&M Cost
<100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
101-500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
501-1K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
1K-3.3K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
3.3K-10K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
10K-25K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
25K-50K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
50K-75K	38	-	90	-	-	90	-	-	90	-	90	30	38	13	90	30	\$ 2,752	\$ 917	\$ 592	\$ 197
75K-100K	16	-	38	-	-	38	-	-	38	-	38	13	16	5	38	13	\$ 1,159	\$ 386	\$ 249	\$ 83
100K-500K	57	-	145	-	-	145	-	-	145	-	145	48	57	19	145	48	\$ 4,468	\$ 1,489	\$ 962	\$ 321
500K-1M	3	-	8	-	-	8	-	-	8	-	8	3	3	1	8	3	\$ 235	\$ 78	\$ 51	\$ 17
> 1M	2	-	6	-	-	6	-	-	6	-	6	2	2	1	6	2	\$ 193	\$ 64	\$ 41	\$ 14
Total	116	-	287	-	-	287	-	-	287	-	287	96	116	39	287	96	\$ 8,807	\$ 2,936	\$ 1,896	\$ 632

Exhibit 19 - SOURCE WATER MONITORING FOR LEAD & COPPER - MONITORING, BURDEN, AND COST SUMMARY (cont.)

Scenario 2a: Exceed Action Level>>Not Required to Install Source Water Treatment>>Continue to Exceed Action Level

GROUND WATER: CWSs																					
Size Category	Number of Systems	Samples by Year (Representing 9-Year Compliance Cycle)									Summary of Monitoring, Burden, and Cost for ICR Period (2008-2011)										
		2008	2009	2010	2011	2012	2013	2014	2015	2016	Total Samples	Annual Samples	Total Monitoring Events	Annual Monitoring Events	Total Burden	Annual Burden	Total Labor Cost	Annual Labor Cost	Total O&M Cost	Annual O&M Cost	
<100	163	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
101-500	130	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
501-1K	42	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
1K-3.3K	53	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-		
3.3K-10K	30	-	62	-	-	-	-	-	-	-	-	62	21	30	10	62	21	\$ 1,905	\$ 635	\$ 410	\$ 137
10K-25K	12	-	47	-	-	-	-	-	-	-	-	47	16	12	4	47	16	\$ 1,439	\$ 480	\$ 310	\$ 103
25K-50K	4	-	16	-	-	-	-	-	-	-	-	16	5	4	1	16	5	\$ 480	\$ 160	\$ 103	\$ 34
50K-75K	2	10	-	-	-	-	-	-	-	-	-	5	2	1	0	5	2	\$ 147	\$ 49	\$ 32	\$ 11
75K-100K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
100K-500K	1	9	-	-	-	-	-	-	-	-	-	4	1	1	0	4	1	\$ 136	\$ 45	\$ 29	\$ 10
500K-1M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
> 1M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
Total	437	18	124	-	-	-	-	-	-	-	-	134	45	48	16	134	45	\$ 4,107	\$ 1,369	\$ 884	\$ 295
GROUND WATER: NTNCWSs																					
Size Category	Number of Systems	Samples by Year (Representing 9-Year Compliance Cycle)									Summary of Monitoring, Burden, and Cost for ICR Period (2008-2011)										
		2008	2009	2010	2011	2012	2013	2014	2015	2016	Total Samples	Annual Samples	Total Monitoring Events	Annual Monitoring Events	Total Burden	Annual Burden	Total Labor Cost	Annual Labor Cost	Total O&M Cost	Annual O&M Cost	
<100	204	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
101-500	134	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
501-1K	32	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
1K-3.3K	14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
3.3K-10K	1	-	1	-	-	-	-	-	-	-	-	1	0	1	0	1	0	\$ 31	\$ 10	\$ 7	\$ 2
10K-25K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
25K-50K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
50K-75K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
75K-100K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
100K-500K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
500K-1M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
> 1M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
Total	385	-	1	-	-	-	-	-	-	-	-	1	0	1	0	1	0	\$ 31	\$ 10	\$ 7	\$ 2
GROUND WATER: ALL SYSTEMS																					
Size Category	Number of Systems	Samples by Year (Representing 9-Year Compliance Cycle)									Summary of Monitoring, Burden, and Cost for ICR Period (2008-2011)										
		2008	2009	2010	2011	2012	2013	2014	2015	2016	Total Samples	Annual Samples	Total Monitoring Events	Annual Monitoring Events	Total Burden	Annual Burden	Total Labor Cost	Annual Labor Cost	Total O&M Cost	Annual O&M Cost	
<100	367	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
101-500	264	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
501-1K	74	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
1K-3.3K	67	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
3.3K-10K	31	-	63	-	-	-	-	-	-	-	-	63	21	31	10	63	21	\$ 1,935	\$ 645	\$ 417	\$ 139
10K-25K	12	-	47	-	-	-	-	-	-	-	-	47	16	12	4	47	16	\$ 1,439	\$ 480	\$ 310	\$ 103
25K-50K	4	-	16	-	-	-	-	-	-	-	-	16	5	4	1	16	5	\$ 480	\$ 160	\$ 103	\$ 34
50K-75K	2	10	-	-	-	-	-	-	-	-	-	5	2	1	0	5	2	\$ 147	\$ 49	\$ 32	\$ 11
75K-100K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
100K-500K	1	9	-	-	-	-	-	-	-	-	-	4	1	1	0	4	1	\$ 136	\$ 45	\$ 29	\$ 10
500K-1M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
> 1M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
Total	822	18	125	-	-	-	-	-	-	-	-	135	45	49	16	135	45	\$ 4,138	\$ 1,379	\$ 891	\$ 297

Exhibit 19 - SOURCE WATER MONITORING FOR LEAD & COPPER - MONITORING, BURDEN, AND COST SUMMARY (cont.)

Scenario 2a: Exceed Action Level>>Not Required to Install Source Water Treatment>>Continue to Exceed Action Level (cont.)

SURFACE WATER: CWSS																				
Size Category	Number of Systems	Samples by Year (Representing 9-Year Compliance Cycle)									Summary of Monitoring, Burden, and Cost for ICR Period (2008-2011)									
		2008	2009	2010	2011	2012	2013	2014	2015	2016	Total Samples	Annual Samples	Total Monitoring Events	Annual Monitoring Events	Total Burden	Annual Burden	Total Labor Cost	Annual Labor Cost	Total O&M Cost	Annual O&M Cost
<100	16	-	-	-	-	-	-	-	-	16	-	-	-	-	-	-	-	-	-	
101-500	20	-	-	-	-	-	-	-	-	22	-	-	-	-	-	-	-	-	-	
501-1K	11	-	-	-	-	-	-	-	-	12	-	-	-	-	-	-	-	-	-	
1K-3.3K	23	-	-	-	-	-	-	-	-	25	-	-	-	-	-	-	-	-	-	
3.3K-10K	22	-	-	-	-	-	-	-	-	28	-	-	-	-	-	-	-	-	-	
10K-25K	15	-	-	-	-	-	-	-	-	19	-	-	-	-	-	-	-	-	-	
25K-50K	7	-	-	-	-	-	-	-	-	9	-	-	-	-	-	-	-	-	-	
50K-75K	3	-	-	-	-	-	-	-	-	7	-	-	-	-	-	-	-	-	-	
75K-100K	2	-	-	-	-	-	-	-	-	5	-	-	-	-	-	-	-	-	-	
100K-500K	4	-	-	-	-	-	-	-	-	10	-	-	-	-	-	-	-	-	-	
500K-1M	1	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-	-	
> 1M	1	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-	-	
Total	125	-	-	-	-	-	-	-	-	160	-	-	-	-	-	-	-	-	-	
SURFACE WATER: NTNCWSS																				
Size Category	Number of Systems	Samples by Year (Representing 9-Year Compliance Cycle)									Summary of Monitoring, Burden, and Cost for ICR Period (2008-2011)									
		2008	2009	2010	2011	2012	2013	2014	2015	2016	Total Samples	Annual Samples	Total Monitoring Events	Annual Monitoring Events	Total Burden	Annual Burden	Total Labor Cost	Annual Labor Cost	Total O&M Cost	Annual O&M Cost
<100	6	-	-	-	-	-	-	-	-	6	-	-	-	-	-	-	-	-	-	
101-500	5	-	-	-	-	-	-	-	-	5	-	-	-	-	-	-	-	-	-	
501-1K	2	-	-	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	
1K-3.3K	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	
3.3K-10K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
10K-25K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
25K-50K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
50K-75K	1	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	
75K-100K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
100K-500K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
500K-1M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
> 1M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Total	15	-	-	-	-	-	-	-	-	15	-	-	-	-	-	-	-	-	-	
SURFACE WATER: ALL SYSTEMS																				
Size Category	Number of Systems	Samples by Year (Representing 9-Year Compliance Cycle)									Summary of Monitoring, Burden, and Cost for ICR Period (2008-2011)									
		2008	2009	2010	2011	2012	2013	2014	2015	2016	Total Samples	Annual Samples	Total Monitoring Events	Annual Monitoring Events	Total Burden	Annual Burden	Total Labor Cost	Annual Labor Cost	Total O&M Cost	Annual O&M Cost
<100	22	-	-	-	-	-	-	-	-	22	-	-	-	-	-	-	-	-	-	
101-500	25	-	-	-	-	-	-	-	-	27	-	-	-	-	-	-	-	-	-	
501-1K	13	-	-	-	-	-	-	-	-	14	-	-	-	-	-	-	-	-	-	
1K-3.3K	24	-	-	-	-	-	-	-	-	26	-	-	-	-	-	-	-	-	-	
3.3K-10K	22	-	-	-	-	-	-	-	-	28	-	-	-	-	-	-	-	-	-	
10K-25K	15	-	-	-	-	-	-	-	-	19	-	-	-	-	-	-	-	-	-	
25K-50K	7	-	-	-	-	-	-	-	-	9	-	-	-	-	-	-	-	-	-	
50K-75K	4	-	-	-	-	-	-	-	-	8	-	-	-	-	-	-	-	-	-	
75K-100K	2	-	-	-	-	-	-	-	-	5	-	-	-	-	-	-	-	-	-	
100K-500K	4	-	-	-	-	-	-	-	-	10	-	-	-	-	-	-	-	-	-	
500K-1M	1	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-	-	
> 1M	1	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-	-	
Total	140	-	-	-	-	-	-	-	-	175	-	-	-	-	-	-	-	-	-	

Exhibit 19 - SOURCE WATER MONITORING FOR LEAD & COPPER - MONITORING, BURDEN, AND COST SUMMARY (cont.)

Scenario 3a: Exceed Action Level>>Required to Install Source Water Treatment>>Continue to Exceed Action Level

GROUND WATER: CWSs																				
Size Category	Number of Systems	Samples by Year (Representing 9-Year Compliance Cycle)									Summary of Monitoring, Burden, and Cost for ICR Period (2008-2011)									
		2008	2009	2010	2011	2012	2013	2014	2015	2016	Total Samples	Annual Samples	Total Monitoring Events	Annual Monitoring Events	Total Burden	Annual Burden	Total Labor Cost	Annual Labor Cost	Total O&M Cost	Annual O&M Cost
<100	6	-	-	-	6	-	-	-	-	-	3	1	3	1	3	1	\$ 92	\$ 31	\$ 20	\$ 7
101-500	4	-	-	-	5	-	-	-	-	-	3	1	2	1	3	1	\$ 79	\$ 26	\$ 17	\$ 6
501-1K	1	-	-	-	1	-	-	-	-	-	1	0	1	0	1	0	\$ 23	\$ 8	\$ 5	\$ 2
1K-3.3K	2	-	-	-	3	-	-	-	-	-	2	1	1	0	2	1	\$ 49	\$ 16	\$ 10	\$ 3
3.3K-10K	1	-	-	2	-	-	-	-	-	-	2	1	1	0	2	1	\$ 63	\$ 21	\$ 14	\$ 5
10K-25K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
25K-50K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
50K-75K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
75K-100K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
100K-500K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
500K-1M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
> 1M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
Total	14	-	-	2	16	-	-	-	-	-	10	3	8	3	10	3	\$ 306	\$ 102	\$ 66	\$ 22
GROUND WATER: NTNCWSs																				
Size Category	Number of Systems	Samples by Year (Representing 9-Year Compliance Cycle)									Summary of Monitoring, Burden, and Cost for ICR Period (2008-2011)									
		2008	2009	2010	2011	2012	2013	2014	2015	2016	Total Samples	Annual Samples	Total Monitoring Events	Annual Monitoring Events	Total Burden	Annual Burden	Total Labor Cost	Annual Labor Cost	Total O&M Cost	Annual O&M Cost
<100	7	-	-	-	7	-	-	-	-	-	4	1	4	1	4	1	\$ 108	\$ 36	\$ 23	\$ 8
101-500	5	-	-	-	5	-	-	-	-	-	3	1	3	1	3	1	\$ 77	\$ 26	\$ 17	\$ 6
501-1K	1	-	-	-	1	-	-	-	-	-	1	0	1	0	1	0	\$ 15	\$ 5	\$ 3	\$ 1
1K-3.3K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
3.3K-10K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
10K-25K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
25K-50K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
50K-75K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
75K-100K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
100K-500K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
500K-1M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
> 1M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
Total	13	-	-	-	13	-	-	-	-	-	7	2	7	2	7	2	\$ 200	\$ 67	\$ 43	\$ 14
GROUND WATER: ALL SYSTEMS																				
Size Category	Number of Systems	Samples by Year (Representing 9-Year Compliance Cycle)									Summary of Monitoring, Burden, and Cost for ICR Period (2008-2011)									
		2008	2009	2010	2011	2012	2013	2014	2015	2016	Total Samples	Annual Samples	Total Monitoring Events	Annual Monitoring Events	Total Burden	Annual Burden	Total Labor Cost	Annual Labor Cost	Total O&M Cost	Annual O&M Cost
<100	13	-	-	-	13	-	-	-	-	-	7	2	7	2	7	2	\$ 200	\$ 67	\$ 43	\$ 14
101-500	9	-	-	-	10	-	-	-	-	-	5	2	5	2	5	2	\$ 156	\$ 52	\$ 34	\$ 11
501-1K	2	-	-	-	2	-	-	-	-	-	1	0	1	0	1	0	\$ 38	\$ 13	\$ 8	\$ 3
1K-3.3K	2	-	-	-	3	-	-	-	-	-	2	1	1	0	2	1	\$ 49	\$ 16	\$ 10	\$ 3
3.3K-10K	1	-	-	2	-	-	-	-	-	-	2	1	1	0	2	1	\$ 63	\$ 21	\$ 14	\$ 5
10K-25K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
25K-50K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
50K-75K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
75K-100K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
100K-500K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
500K-1M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
> 1M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
Total	27	-	-	2	29	-	-	-	-	-	16	5	14	5	16	5	\$ 506	\$ 169	\$ 109	\$ 36

Exhibit 19 - SOURCE WATER MONITORING FOR LEAD & COPPER - MONITORING, BURDEN, AND COST SUMMARY (cont.)

Scenario 3a: Exceed Action Level>>Required to Install Source Water Treatment>>Continue to Exceed Action Level (cont.)

SURFACE WATER: CWSs																				
Size Category	Number of Systems	Samples by Year (Representing 9-Year Compliance Cycle)									Summary of Monitoring, Burden, and Cost for ICR Period (2008-2011)									
		2008	2009	2010	2011	2012	2013	2014	2015	2016	Total Samples	Annual Samples	Total Monitoring Events	Annual Monitoring Events	Total Burden	Annual Burden	Total Labor Cost	Annual Labor Cost	Total O&M Cost	Annual O&M Cost
<100	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
101-500	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
501-1K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1K-3.3K	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.3K-10K	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
10K-25K	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
25K-50K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50K-75K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
75K-100K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
100K-500K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
500K-1M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
> 1M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	5	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-	-
SURFACE WATER: NNTCWSs																				
Size Category	Number of Systems	Samples by Year (Representing 9-Year Compliance Cycle)									Summary of Monitoring, Burden, and Cost for ICR Period (2008-2011)									
		2008	2009	2010	2011	2012	2013	2014	2015	2016	Total Samples	Annual Samples	Total Monitoring Events	Annual Monitoring Events	Total Burden	Annual Burden	Total Labor Cost	Annual Labor Cost	Total O&M Cost	Annual O&M Cost
<100	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
101-500	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
501-1K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1K-3.3K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.3K-10K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10K-25K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25K-50K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50K-75K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
75K-100K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
100K-500K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
500K-1M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
> 1M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
SURFACE WATER: ALL SYSTEMS																				
Size Category	Number of Systems	Samples by Year (Representing 9-Year Compliance Cycle)									Summary of Monitoring, Burden, and Cost for ICR Period (2008-2011)									
		2008	2009	2010	2011	2012	2013	2014	2015	2016	Total Samples	Annual Samples	Total Monitoring Events	Annual Monitoring Events	Total Burden	Annual Burden	Total Labor Cost	Annual Labor Cost	Total O&M Cost	Annual O&M Cost
<100	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
101-500	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
501-1K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
1K-3.3K	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
3.3K-10K	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
10K-25K	1	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-
25K-50K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50K-75K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
75K-100K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
100K-500K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
500K-1M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
> 1M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
Total	5	-	-	-	-	-	-	-	-	-	3	-	-	-	-	-	-	-	-	-

Exhibit 19 - SOURCE WATER MONITORING FOR LEAD & COPPER - MONITORING, BURDEN, AND COST SUMMARY (cont.)

Summary - All Scenarios

GROUND WATER: CWSs																				
Size Category	Number of Systems	Samples by Year (Representing 9-Year Compliance Cycle)									Summary of Monitoring, Burden, and Cost for ICR Period (2008-2011)									
		2008	2009	2010	2011	2012	2013	2014	2015	2016	Total Samples	Annual Samples	Total Monitoring Events	Annual Monitoring Events	Total Burden	Annual Burden	Total Labor Cost	Annual Labor Cost	Total O&M Cost	Annual O&M Cost
<100	169	-	-	-	6	-	-	-	-	-	3	1	3	1	3	1	\$ 92	\$ 31	\$ 20	\$ 7
101-500	134	-	-	-	5	-	-	-	-	-	3	1	2	1	3	1	\$ 79	\$ 26	\$ 17	\$ 6
501-1K	43	-	-	-	1	-	-	-	-	-	1	0	1	0	1	0	\$ 23	\$ 8	\$ 5	\$ 2
1K-3.3K	55	-	-	-	3	-	-	-	-	-	2	1	1	0	2	1	\$ 49	\$ 16	\$ 10	\$ 3
3.3K-10K	31	-	62	2	-	-	-	-	-	-	64	21	31	10	64	21	\$ 1,968	\$ 656	\$ 424	\$ 141
10K-25K	12	-	47	-	-	-	-	-	-	-	47	16	12	4	47	16	\$ 1,439	\$ 480	\$ 310	\$ 103
25K-50K	4	-	16	-	-	-	-	-	-	-	16	5	4	1	16	5	\$ 480	\$ 160	\$ 103	\$ 34
50K-75K	24	10	105	-	-	105	-	-	105	-	110	37	23	8	110	37	\$ 3,379	\$ 1,126	\$ 727	\$ 242
75K-100K	10	-	48	-	-	48	-	-	48	-	48	16	10	3	48	16	\$ 1,469	\$ 490	\$ 316	\$ 105
100K-500K	23	9	195	-	-	195	-	-	195	-	200	67	23	8	200	67	\$ 6,138	\$ 2,046	\$ 1,321	\$ 440
500K-1M	1	-	9	-	-	9	-	-	9	-	9	3	1	0	9	3	\$ 273	\$ 91	\$ 59	\$ 20
> 1M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
Total	506	18	482	2	16	357	-	-	357	-	501	167	110	37	501	167	\$ 15,389	\$ 5,130	\$ 3,312	\$ 1,104
GROUND WATER: NTCWSs																				
Size Category	Number of Systems	Samples by Year (Representing 9-Year Compliance Cycle)									Summary of Monitoring, Burden, and Cost for ICR Period (2008-2011)									
		2008	2009	2010	2011	2012	2013	2014	2015	2016	Total Samples	Annual Samples	Total Monitoring Events	Annual Monitoring Events	Total Burden	Annual Burden	Total Labor Cost	Annual Labor Cost	Total O&M Cost	Annual O&M Cost
<100	211	-	-	-	7	-	-	-	-	-	4	1	4	1	4	1	\$ 108	\$ 36	\$ 23	\$ 8
101-500	139	-	-	-	5	-	-	-	-	-	3	1	3	1	3	1	\$ 77	\$ 26	\$ 17	\$ 6
501-1K	33	-	-	-	1	-	-	-	-	-	1	0	1	0	1	0	\$ 15	\$ 5	\$ 3	\$ 1
1K-3.3K	14	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
3.3K-10K	1	-	1	-	-	-	-	-	-	-	1	0	1	0	1	0	\$ 31	\$ 10	\$ 7	\$ 2
10K-25K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
25K-50K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
50K-75K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
75K-100K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
100K-500K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
500K-1M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
> 1M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
Total	398	-	1	-	13	-	-	-	-	-	8	3	8	3	8	3	\$ 230	\$ 77	\$ 50	\$ 17
GROUND WATER: ALL SYSTEMS																				
Size Category	Number of Systems	Samples by Year (Representing 9-Year Compliance Cycle)									Summary of Monitoring, Burden, and Cost for ICR Period (2008-2011)									
		2008	2009	2010	2011	2012	2013	2014	2015	2016	Total Samples	Annual Samples	Total Monitoring Events	Annual Monitoring Events	Total Burden	Annual Burden	Total Labor Cost	Annual Labor Cost	Total O&M Cost	Annual O&M Cost
<100	380	-	-	-	13	-	-	-	-	-	7	2	7	2	7	2	\$ 200	\$ 67	\$ 43	\$ 14
101-500	273	-	-	-	10	-	-	-	-	-	5	2	5	2	5	2	\$ 156	\$ 52	\$ 34	\$ 11
501-1K	76	-	-	-	2	-	-	-	-	-	1	0	1	0	1	0	\$ 38	\$ 13	\$ 8	\$ 3
1K-3.3K	69	-	-	-	3	-	-	-	-	-	2	1	1	0	2	1	\$ 49	\$ 16	\$ 10	\$ 3
3.3K-10K	32	-	63	2	-	-	-	-	-	-	65	22	32	11	65	22	\$ 1,999	\$ 666	\$ 430	\$ 143
10K-25K	12	-	47	-	-	-	-	-	-	-	47	16	12	4	47	16	\$ 1,439	\$ 480	\$ 310	\$ 103
25K-50K	4	-	16	-	-	-	-	-	-	-	16	5	4	1	16	5	\$ 480	\$ 160	\$ 103	\$ 34
50K-75K	24	10	105	-	-	105	-	-	105	-	110	37	23	8	110	37	\$ 3,379	\$ 1,126	\$ 727	\$ 242
75K-100K	10	-	48	-	-	48	-	-	48	-	48	16	10	3	48	16	\$ 1,469	\$ 490	\$ 316	\$ 105
100K-500K	23	9	195	-	-	195	-	-	195	-	200	67	23	8	200	67	\$ 6,138	\$ 2,046	\$ 1,321	\$ 440
500K-1M	1	-	9	-	-	9	-	-	9	-	9	3	1	0	9	3	\$ 273	\$ 91	\$ 59	\$ 20
> 1M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
Total	904	18	483	2	29	357	-	-	357	-	508	169	118	39	508	169	\$ 15,619	\$ 5,206	\$ 3,362	\$ 1,121

Exhibit 19 - SOURCE WATER MONITORING FOR LEAD & COPPER - MONITORING, BURDEN, AND COST SUMMARY (cont.)

Summary - All Scenarios (cont.)

SURFACE WATER: CWSs																				
Size Category	Number of Systems	Samples by Year (Representing 9-Year Compliance Cycle)									Summary of Monitoring, Burden, and Cost for ICR Period (2008-2011)									
		2008	2009	2010	2011	2012	2013	2014	2015	2016	Total Samples	Annual Samples	Total Monitoring Events	Annual Monitoring Events	Total Burden	Annual Burden	Total Labor Cost	Annual Labor Cost	Total O&M Cost	Annual O&M Cost
<100	17	-	-	-	-	-	-	16	-	-	-	-	-	-	-	-	-	-	-	-
101-500	21	-	-	-	-	-	-	22	-	-	-	-	-	-	-	-	-	-	-	-
501-1K	11	-	-	-	-	-	-	12	-	-	-	-	-	-	-	-	-	-	-	-
1K-3.3K	24	-	-	-	-	-	-	25	-	-	-	-	-	-	-	-	-	-	-	-
3.3K-10K	23	-	-	-	-	-	1	28	-	-	-	-	-	-	-	-	-	-	-	-
10K-25K	16	-	-	-	-	-	1	19	-	-	-	-	-	-	-	-	-	-	-	-
25K-50K	7	-	-	-	-	-	-	9	-	-	-	-	-	-	-	-	-	-	-	-
50K-75K	41	-	90	-	-	90	-	7	90	-	90	30	38	13	90	30	\$ 2,752	\$ 917	\$ 592	\$ 197
75K-100K	18	-	38	-	-	38	-	5	38	-	38	13	16	5	38	13	\$ 1,159	\$ 386	\$ 249	\$ 83
100K-500K	61	-	145	-	-	145	-	10	145	-	145	48	57	19	145	48	\$ 4,468	\$ 1,489	\$ 962	\$ 321
500K-1M	4	-	8	-	-	8	-	3	8	-	8	3	3	1	8	3	\$ 235	\$ 78	\$ 51	\$ 17
> 1M	3	-	6	-	-	6	-	3	6	-	6	2	2	1	6	2	\$ 193	\$ 64	\$ 41	\$ 14
<b>Total</b>	<b>246</b>	<b>-</b>	<b>287</b>	<b>-</b>	<b>-</b>	<b>287</b>	<b>3</b>	<b>160</b>	<b>287</b>	<b>-</b>	<b>287</b>	<b>96</b>	<b>116</b>	<b>39</b>	<b>287</b>	<b>96</b>	<b>\$ 8,807</b>	<b>\$ 2,936</b>	<b>\$ 1,896</b>	<b>\$ 632</b>
SURFACE WATER: NTCWSs																				
Size Category	Number of Systems	Samples by Year (Representing 9-Year Compliance Cycle)									Summary of Monitoring, Burden, and Cost for ICR Period (2008-2011)									
		2008	2009	2010	2011	2012	2013	2014	2015	2016	Total Samples	Annual Samples	Total Monitoring Events	Annual Monitoring Events	Total Burden	Annual Burden	Total Labor Cost	Annual Labor Cost	Total O&M Cost	Annual O&M Cost
<100	6	-	-	-	-	-	-	6	-	-	-	-	-	-	-	-	-	-	-	-
101-500	5	-	-	-	-	-	-	5	-	-	-	-	-	-	-	-	-	-	-	-
501-1K	2	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-	-	-
1K-3.3K	1	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
3.3K-10K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10K-25K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25K-50K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50K-75K	1	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-
75K-100K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
100K-500K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
500K-1M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
> 1M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total</b>	<b>15</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>15</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>
SURFACE WATER: ALL SYSTEMS																				
Size Category	Number of Systems	Samples by Year (Representing 9-Year Compliance Cycle)									Summary of Monitoring, Burden, and Cost for ICR Period (2008-2011)									
		2008	2009	2010	2011	2012	2013	2014	2015	2016	Total Samples	Annual Samples	Total Monitoring Events	Annual Monitoring Events	Total Burden	Annual Burden	Total Labor Cost	Annual Labor Cost	Total O&M Cost	Annual O&M Cost
<100	23	-	-	-	-	-	-	22	-	-	-	-	-	-	-	-	-	-	-	-
101-500	26	-	-	-	-	-	-	27	-	-	-	-	-	-	-	-	-	-	-	-
501-1K	13	-	-	-	-	-	-	14	-	-	-	-	-	-	-	-	-	-	-	-
1K-3.3K	25	-	-	-	-	-	-	26	-	-	-	-	-	-	-	-	-	-	-	-
3.3K-10K	23	-	-	-	-	-	1	28	-	-	-	-	-	-	-	-	-	-	-	-
10K-25K	16	-	-	-	-	-	1	19	-	-	-	-	-	-	-	-	-	-	-	-
25K-50K	7	-	-	-	-	-	-	9	-	-	-	-	-	-	-	-	-	-	-	-
50K-75K	42	-	90	-	-	90	-	8	90	-	90	30	38	13	90	30	\$ 2,752	\$ 917	\$ 592	\$ 197
75K-100K	18	-	38	-	-	38	-	5	38	-	38	13	16	5	38	13	\$ 1,159	\$ 386	\$ 249	\$ 83
100K-500K	61	-	145	-	-	145	-	10	145	-	145	48	57	19	145	48	\$ 4,468	\$ 1,489	\$ 962	\$ 321
500K-1M	4	-	8	-	-	8	-	3	8	-	8	3	3	1	8	3	\$ 235	\$ 78	\$ 51	\$ 17
> 1M	3	-	6	-	-	6	-	3	6	-	6	2	2	1	6	2	\$ 193	\$ 64	\$ 41	\$ 14
<b>Total</b>	<b>261</b>	<b>-</b>	<b>287</b>	<b>-</b>	<b>-</b>	<b>287</b>	<b>3</b>	<b>175</b>	<b>287</b>	<b>-</b>	<b>287</b>	<b>96</b>	<b>116</b>	<b>39</b>	<b>287</b>	<b>96</b>	<b>\$ 8,807</b>	<b>\$ 2,936</b>	<b>\$ 1,896</b>	<b>\$ 632</b>

Exhibit 19 - SOURCE WATER MONITORING FOR LEAD & COPPER - MONITORING, BURDEN, AND COST SUMMARY (cont.)

Summary - All Scenarios (cont.)

ALL SYSTEMS																				
Size Category	Number of Systems	Samples by Year (Representing 9-Year Compliance Cycle)									Summary of Monitoring, Burden, and Cost for ICR Period (2008-2011)									
		2008	2009	2010	2011	2012	2013	2014	2015	2016	Total Samples	Annual Samples	Total Monitoring Events	Annual Monitoring Events	Total Burden	Annual Burden	Total Labor Cost	Annual Labor Cost	Total O&M Cost	Annual O&M Cost
		<100	403	-	-	-	13	-	-	22	-	-	7	2	7	2	7	2	\$ 200	\$ 67
101-500	299	-	-	-	10	-	-	27	-	-	5	2	5	2	5	2	\$ 156	\$ 52	\$ 34	\$ 11
501-1K	89	-	-	-	2	-	-	14	-	-	1	0	1	0	1	0	\$ 38	\$ 13	\$ 8	\$ 3
1K-3.3K	94	-	-	-	3	-	-	26	-	-	2	1	1	0	2	1	\$ 49	\$ 16	\$ 10	\$ 3
3.3K-10K	55	-	63	2	-	-	1	28	-	-	65	22	32	11	65	22	\$ 1,999	\$ 666	\$ 430	\$ 143
10K-25K	28	-	47	-	-	-	1	19	-	-	47	16	12	4	47	16	\$ 1,439	\$ 480	\$ 310	\$ 103
25K-50K	11	-	16	-	-	-	-	9	-	-	16	5	4	1	16	5	\$ 480	\$ 160	\$ 103	\$ 34
50K-75K	66	10	195	-	-	195	-	8	195	-	200	67	61	20	200	67	\$ 6,131	\$ 2,044	\$ 1,320	\$ 440
75K-100K	28	-	86	-	-	86	-	5	86	-	86	29	26	9	86	29	\$ 2,628	\$ 876	\$ 566	\$ 189
100K-500K	84	9	341	-	-	341	-	10	341	-	345	115	80	27	345	115	\$ 10,607	\$ 3,536	\$ 2,283	\$ 761
500K-1M	5	-	17	-	-	17	-	3	17	-	17	6	4	1	17	6	\$ 508	\$ 169	\$ 109	\$ 36
> 1M	3	-	6	-	-	6	-	3	6	-	6	2	2	1	6	2	\$ 193	\$ 64	\$ 41	\$ 14
<b>Total</b>	<b>1,165</b>	<b>18</b>	<b>770</b>	<b>2</b>	<b>29</b>	<b>644</b>	<b>3</b>	<b>175</b>	<b>644</b>	<b>-</b>	<b>795</b>	<b>265</b>	<b>234</b>	<b>78</b>	<b>795</b>	<b>265</b>	<b>\$ 24,427</b>	<b>\$ 8,142</b>	<b>\$ 5,258</b>	<b>\$ 1,753</b>



**Exhibit 20 - Number of Public 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
100 & under	13,270	792,110	60	1,061,236	80
101 to 500	16,012	4,064,897	254	2,181,943	136
501 to 1,000	5,678	4,182,624	737	1,615,351	284
1,001 to 3,300	8,228	15,665,705	1,904	5,735,078	697
3,301 to 10,000	4,822	27,942,486	5,795	9,826,539	2,038
10,001 to 25,000	2,188	34,786,737	15,899	11,706,930	5,351
25,001 to 50,000	987	34,521,021	34,976	10,897,480	11,041
50,001 to 75,000	370	22,367,068	60,452	7,558,680	20,429
75,001 to 100,000	157	13,520,901	86,120	4,111,813	26,190
100,001 to 500,000	345	66,106,036	191,612	19,557,847	56,689
500,001 to 1 Million	34	24,424,250	718,360	6,603,519	194,221
Over 1 Million	19	38,077,369	2,004,072	8,859,164	466,272
<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>

Size Category	Nontransient Noncommunity Water Systems (NTNCWSs)				
	Number of Systems	Popul	Average Popul/Sys	Service Connections	Average SCon/Sys
100 and under	9,132	511,441	56	69,942	8
101 to 500	6,902	1,736,115	252	56,902	8
501 to 1,000	1,829	1,318,072	721	23,144	13
1,001 to 3,300	833	1,392,258	1,671	31,070	37
3,301 to 10,000	120	639,561	5,330	13,123	109
10,001 to 25,000	13	166,804	12,831	2,875	221
25,001 to 50,000	8	295,078	36,885	342	43
50,001 to 75,000	1	71,963	71,963	70	70
75,001 to 100,000	0	0	N/A	0	N/A
100,001 to 500,000	1	203,000	203,000	2,181	2,181
500,001 to 1 Million	0	0	N/A	0	N/A
Over 1 Million	0	0	N/A	0	N/A
<b>Total</b>	<b>18,839</b>	<b>6,334,292</b>	<b>336</b>	<b>199,649</b>	<b>11</b>

Source: SDWIS/FED Data from October 2007

**Exhibit 21 - LSL MONITORING - MONITORING, NOTIFICATION, BURDEN, AND COST ASSUMPTIONS**

State Labor Rate \$42.80

System Labor Rates	
<100	\$30.72
101-500	\$30.72
501-1K	\$30.72
1K-3.3K	\$30.72
3.3K-10K	\$30.72
10K-25K	\$30.72
25K-50K	\$30.72
50K-75K	\$30.72
75K-100K	\$30.72
100K-500K	\$30.72
500K-1M	\$30.72
> 1M	\$30.72

**PWS Labor Rate**

Base (Hourly)	\$17.87	2006\$ BLS SOC Code 51-8031, "Local Government - Water and Liquid Waste Treatment Plant and System Operators"
Load Factor	1.6	
Inflation Factor	1.07	108.4 ECI December 2007*
Total	\$30.72	100.9 ECI June 2006*

**State Labor Rate**

Base (Hourly)	\$24.92	2006\$ BLS SOC Code 19-2041, "State Government - Environmental Scientists and Specialists, Including Health"
Load Factor	1.6	
Inflation Factor	1.07	108.2 ECI September 2007**
Total	\$42.80	100.8 ECI June 2006**

\* Source: Employment Cost Index Historical Listing Current-dollar March 2001 - December 2007, Total Compensation, Not Seasonally Adjusted, Index Number, State & Local Government, All Workers, Table 7.

\*\* Source: Employment Cost Index Historical Listing Current-dollar March 2001 - December 2007, Total Compensation, Not Seasonally Adjusted, Index Number, State & Local Government, Professional & Related, Table 7.

**Exhibit 22 - LSL MONITORING - MONITORING, NOTIFICATION, BURDEN, AND COST ASSUMPTIONS**

CWSs: Study Required										
Size Category	Number of Systems Required to Monitor	Avg. Number of Service Connections (LSLs) per System	Avg. Number of Households per System	Avg. Labor Hrs. for Collection & Analysis	Avg. Labor Hrs. for Notification Preparation	Labor Rate	Avg. Material (O&M) Cost per Sample	Avg. Material (O&M) Cost per Notification	Total Avg. Labor Cost for Collection & Analysis	Total Avg. Labor Cost for Notification
<100	31	80	184	2.5	0.25	\$ 30.72	\$ 3.31	\$ 0.41	\$ 76.79	\$ 7.68
101-500	45	136	313	2.5	0.25	\$ 30.72	\$ 3.31	\$ 0.41	\$ 76.79	\$ 7.68
501-1K	30	284	653	2.5	0.25	\$ 30.72	\$ 3.31	\$ 0.41	\$ 76.79	\$ 7.68
1K-3.3K	43	697	1,603	2.5	0.25	\$ 30.72	\$ 3.31	\$ 0.41	\$ 76.79	\$ 7.68
3.3K-10K	22	2,038	4,687	2.5	0.25	\$ 30.72	\$ 3.31	\$ 0.41	\$ 76.79	\$ 7.68
10K-25K	11	5,351	12,307	2.5	0.25	\$ 30.72	\$ 3.31	\$ 0.41	\$ 76.79	\$ 7.68
25K-50K	5	11,041	25,394	2.5	0.25	\$ 30.72	\$ 3.31	\$ 0.41	\$ 76.79	\$ 7.68
50K-75K	6	20,429	46,987	2.5	0.50	\$ 30.72	\$ 3.31	\$ 0.41	\$ 76.79	\$ 15.36
75K-100K	3	26,190	60,237	2.5	0.50	\$ 30.72	\$ 3.31	\$ 0.41	\$ 76.79	\$ 15.36
100K-500K	9	56,689	130,385	2.5	0.50	\$ 30.72	\$ 3.31	\$ 0.41	\$ 76.79	\$ 15.36
500K-1M	1	194,221	446,708	2.5	0.50	\$ 30.72	\$ 3.31	\$ 0.41	\$ 76.79	\$ 15.36
> 1M	1	466,272	1,072,426	2.5	0.50	\$ 30.72	\$ 3.31	\$ 0.41	\$ 76.79	\$ 15.36
<b>TOTAL:</b>	<b>207</b>									
CWSs: No Study Required										
Size Category	Number of Systems Required to Monitor	Avg. Number of Service Connections (LSLs) per System	Avg. Number of Households per System	Avg. Labor Hrs. for Collection & Analysis	Avg. Labor Hrs. for Notification Preparation	Labor Rate	Avg. Material (O&M) Cost per Sample	Avg. Material (O&M) Cost per Notification	Total Avg. Labor Cost for Collection & Analysis	Total Avg. Labor Cost for Notification
<100	92	80	184	2.5	0.25	\$ 30.72	\$ 3.31	\$ 0.41	\$ 76.79	\$ 7.68
101-500	134	136	313	2.5	0.25	\$ 30.72	\$ 3.31	\$ 0.41	\$ 76.79	\$ 7.68
501-1K	89	284	653	2.5	0.25	\$ 30.72	\$ 3.31	\$ 0.41	\$ 76.79	\$ 7.68
1K-3.3K	128	697	1,603	2.5	0.25	\$ 30.72	\$ 3.31	\$ 0.41	\$ 76.79	\$ 7.68
3.3K-10K	67	2,038	4,687	2.5	0.25	\$ 30.72	\$ 3.31	\$ 0.41	\$ 76.79	\$ 7.68
10K-25K	31	5,351	12,307	2.5	0.25	\$ 30.72	\$ 3.31	\$ 0.41	\$ 76.79	\$ 7.68
25K-50K	14	11,041	25,394	2.5	0.25	\$ 30.72	\$ 3.31	\$ 0.41	\$ 76.79	\$ 7.68
50K-75K	1	20,429	46,987	2.5	0.50	\$ 30.72	\$ 3.31	\$ 0.41	\$ 76.79	\$ 15.36
75K-100K	0	26,190	60,237	2.5	0.50	\$ 30.72	\$ 3.31	\$ 0.41	\$ 76.79	\$ 15.36
100K-500K	0	56,689	130,385	2.5	0.50	\$ 30.72	\$ 3.31	\$ 0.41	\$ 76.79	\$ 15.36
500K-1M	0	194,221	446,708	2.5	0.50	\$ 30.72	\$ 3.31	\$ 0.41	\$ 76.79	\$ 15.36
> 1M	0	466,272	1,072,426	2.5	0.50	\$ 30.72	\$ 3.31	\$ 0.41	\$ 76.79	\$ 15.36
<b>TOTAL:</b>	<b>556</b>									

Notes: Number of systems required to monitor based on actual number of systems exceeding action levels - figures carried forward from previous ICR.  
Average number of service connections (LSLs) per system from SDWIS data base as of October 2007.  
Total households per system calculated based on EPA estimate of 2.3 households per service connection (LSL) - assumption carried forward from previous ICR.  
Burden estimates take into account the results of the February 2008 consultation with water industry representatives.  
1 additional system added to the table with no study required in the 50 - 75K range to account for requirement III.G of the STR.

**Exhibit 23 - LSL MONITORING - MONITORING SCENARIO ALLOCATION**

<b>CWSs: Study Required</b>					
<b>Size Category</b>	<b>Total Systems</b>	<b>Percent of Systems Under Each Monitoring Scenario</b>			
		<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>
		<b>Initial LSL Monitoring (Study Required)</b>	<b>Initial LSL Monitoring (No Study Required)</b>	<b>Partial LSL Monitoring (Study Required)</b>	<b>Partial LSL Monitoring (No Study Required)</b>
<100	31	100%	-	100%	-
101-500	45	100%	-	100%	-
501-1K	30	100%	-	100%	-
1K-3.3K	43	100%	-	100%	-
3.3K-10K	22	100%	-	100%	-
10K-25K	11	100%	-	100%	-
25K-50K	5	100%	-	100%	-
50K-75K	6	100%	-	100%	-
75K-100K	3	100%	-	100%	-
100K-500K	9	100%	-	100%	-
500K-1M	1	100%	-	100%	-
> 1M	1	100%	-	100%	-
<b>TOTAL:</b>	<b>207</b>				
<b>CWSs: No Study Required</b>					
<b>Size Category</b>	<b>Total Systems</b>	<b>Percent of Systems Under Each Monitoring Scenario</b>			
		<b>1</b>	<b>2</b>	<b>3</b>	<b>4</b>
		<b>Initial LSL Monitoring (Study Required)</b>	<b>Initial LSL Monitoring (No Study Required)</b>	<b>Partial LSL Monitoring (Study Required)</b>	<b>Partial LSL Monitoring (No Study Required)</b>
<100	92	-	100%	-	100%
101-500	134	-	100%	-	100%
501-1K	89	-	100%	-	100%
1K-3.3K	128	-	100%	-	100%
3.3K-10K	67	-	100%	-	100%
10K-25K	31	-	100%	-	100%
25K-50K	14	-	100%	-	100%
50K-75K	1	-	-	-	-
75K-100K	-	-	-	-	-
100K-500K	-	-	-	-	-
500K-1M	-	-	-	-	-
> 1M	-	-	-	-	-
<b>TOTAL:</b>	<b>556</b>				

**Exhibit 24 - LSL Monitoring: Number of Monitoring and Notification Events per System, per Year**

**SCENARIO 1: Initial LSL Monitoring (Study Required)**

<b>CWSs (Monitoring)</b>										
<b>Size Category</b>	<b>Years (Representing 9-Year Compliance Cycle)</b>									<b>Total</b>
	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	
<100	5	5	5	5	5	5	5	5	5	<b>48</b>
101-500	9	9	9	9	9	9	9	9	9	<b>82</b>
501-1K	19	19	19	19	19	19	19	19	19	<b>170</b>
1K-3.3K	46	46	46	46	46	46	46	46	46	<b>418</b>
3.3K-10K	136	136	136	136	136	136	136	136	136	<b>1,223</b>
10K-25K	357	357	357	357	357	357	357	357	357	<b>3,211</b>
25K-50K	736	736	736	736	736	736	736	736	736	<b>6,625</b>
50K-75K	1,362	1,362	1,362	1,362	1,362	1,362	1,362	1,362	1,362	<b>12,257</b>
75K-100K	1,746	1,746	1,746	1,746	1,746	1,746	1,746	1,746	1,746	<b>15,714</b>
100K-500K	3,779	3,779	3,779	3,779	3,779	3,779	3,779	3,779	3,779	<b>34,013</b>
500K-1M	12,948	12,948	12,948	12,948	12,948	12,948	12,948	12,948	12,948	<b>116,533</b>
> 1M	31,085	31,085	31,085	31,085	31,085	31,085	31,085	31,085	31,085	<b>279,763</b>

**SCENARIO 2: Initial LSL Monitoring (No Study Required)**

<b>CWSs (Monitoring)</b>										
<b>Size Category</b>	<b>Years (Representing 9-Year Compliance Cycle)</b>									<b>Total</b>
	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>	
<100	5	5	5	5	5	5	5	5	5	<b>48</b>
101-500	9	9	9	9	9	9	9	9	9	<b>82</b>
501-1K	19	19	19	19	19	19	19	19	19	<b>170</b>
1K-3.3K	46	46	46	46	46	46	46	46	46	<b>418</b>
3.3K-10K	136	136	136	136	136	136	136	136	136	<b>1,223</b>
10K-25K	357	357	357	357	357	357	357	357	357	<b>3,211</b>
25K-50K	736	736	736	736	736	736	736	736	736	<b>6,625</b>
50K-75K	-	-	-	-	-	-	-	-	-	-
75K-100K	-	-	-	-	-	-	-	-	-	-
100K-500K	-	-	-	-	-	-	-	-	-	-
500K-1M	-	-	-	-	-	-	-	-	-	-
> 1M	-	-	-	-	-	-	-	-	-	-

**Exhibit 24 - LSL Monitoring: Number of Monitoring and Notification Events per System, per Year (cont.)**

**SCENARIO 3: Partial LSL Replacement (Study Required)**

<b>CWSs (Monitoring)</b>											
<b>Size Category</b>	<b>Years (Representing 9-Year Compliance Cycle)</b>										<b>Total</b>
	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>		
<100	5	5	5	5	5	5	5	5	5	5	<b>48</b>
101-500	5	5	5	5	5	5	5	5	5	5	<b>49</b>
501-1K	11	11	11	11	11	11	11	11	11	11	<b>102</b>
1K-3.3K	28	28	28	28	28	28	28	28	28	28	<b>251</b>
3.3K-10K	82	82	82	82	82	82	82	82	82	82	<b>734</b>
10K-25K	214	214	214	214	214	214	214	214	214	214	<b>1,926</b>
25K-50K	442	442	442	442	442	442	442	442	442	442	<b>3,975</b>
50K-75K	817	817	817	817	817	817	817	817	817	817	<b>7,354</b>
75K-100K	1,048	1,048	1,048	1,048	1,048	1,048	1,048	1,048	1,048	1,048	<b>9,428</b>
100K-500K	2,268	2,268	2,268	2,268	2,268	2,268	2,268	2,268	2,268	2,268	<b>20,408</b>
500K-1M	7,769	7,769	7,769	7,769	7,769	7,769	7,769	7,769	7,769	7,769	<b>69,920</b>
> 1M	18,651	18,651	18,651	18,651	18,651	18,651	18,651	18,651	18,651	18,651	<b>167,858</b>
<b>CWSs (Notifications)</b>											
<b>Size Category</b>	<b>Years (Representing 9-Year Compliance Cycle)</b>										<b>Total</b>
	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>		
<100	12	12	12	12	12	12	12	12	12	12	<b>110</b>
101-500	13	13	13	13	13	13	13	13	13	13	<b>113</b>
501-1K	26	26	26	26	26	26	26	26	26	26	<b>235</b>
1K-3.3K	64	64	64	64	64	64	64	64	64	64	<b>577</b>
3.3K-10K	187	187	187	187	187	187	187	187	187	187	<b>1,687</b>
10K-25K	492	492	492	492	492	492	492	492	492	492	<b>4,431</b>
25K-50K	1,016	1,016	1,016	1,016	1,016	1,016	1,016	1,016	1,016	1,016	<b>9,142</b>
50K-75K	1,879	1,879	1,879	1,879	1,879	1,879	1,879	1,879	1,879	1,879	<b>16,915</b>
75K-100K	2,409	2,409	2,409	2,409	2,409	2,409	2,409	2,409	2,409	2,409	<b>21,685</b>
100K-500K	5,215	5,215	5,215	5,215	5,215	5,215	5,215	5,215	5,215	5,215	<b>46,938</b>
500K-1M	17,868	17,868	17,868	17,868	17,868	17,868	17,868	17,868	17,868	17,868	<b>160,815</b>
> 1M	42,897	42,897	42,897	42,897	42,897	42,897	42,897	42,897	42,897	42,897	<b>386,073</b>

**Exhibit 24 - LSL Monitoring: Number of Monitoring and Notification Events per System, per Year (cont.)**

**SCENARIO 4: Partial LSL Replacement (No Study Required)**

<b>CWSs (Monitoring)</b>											
<b>Size Category</b>	<b>Years (Representing 9-Year Compliance Cycle)</b>										<b>Total</b>
	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>		
<100	5	5	5	5	5	5	5	5	5	5	<b>48</b>
101-500	5	5	5	5	5	5	5	5	5	5	<b>49</b>
501-1K	11	11	11	11	11	11	11	11	11	11	<b>102</b>
1K-3.3K	28	28	28	28	28	28	28	28	28	28	<b>251</b>
3.3K-10K	82	82	82	82	82	82	82	82	82	82	<b>734</b>
10K-25K	214	214	214	214	214	214	214	214	214	214	<b>1,926</b>
25K-50K	442	442	442	442	442	442	442	442	442	442	<b>3,975</b>
50K-75K	-	-	-	-	-	-	-	-	-	-	-
75K-100K	-	-	-	-	-	-	-	-	-	-	-
100K-500K	-	-	-	-	-	-	-	-	-	-	-
500K-1M	-	-	-	-	-	-	-	-	-	-	-
> 1M	-	-	-	-	-	-	-	-	-	-	-
<b>CWSs (Notifications)</b>											
<b>Size Category</b>	<b>Years (Representing 9-Year Compliance Cycle)</b>										<b>Total</b>
	<b>2008</b>	<b>2009</b>	<b>2010</b>	<b>2011</b>	<b>2012</b>	<b>2013</b>	<b>2014</b>	<b>2015</b>	<b>2016</b>		
<100	12	12	12	12	12	12	12	12	12	12	<b>110</b>
101-500	13	13	13	13	13	13	13	13	13	13	<b>113</b>
501-1K	26	26	26	26	26	26	26	26	26	26	<b>235</b>
1K-3.3K	64	64	64	64	64	64	64	64	64	64	<b>577</b>
3.3K-10K	187	187	187	187	187	187	187	187	187	187	<b>1,687</b>
10K-25K	492	492	492	492	492	492	492	492	492	492	<b>4,431</b>
25K-50K	1,016	1,016	1,016	1,016	1,016	1,016	1,016	1,016	1,016	1,016	<b>9,142</b>
50K-75K	-	-	-	-	-	-	-	-	-	-	-
75K-100K	-	-	-	-	-	-	-	-	-	-	-
100K-500K	-	-	-	-	-	-	-	-	-	-	-
500K-1M	-	-	-	-	-	-	-	-	-	-	-
> 1M	-	-	-	-	-	-	-	-	-	-	-

**Exhibit 25 - LSL MONITORING - MONITORING, NOTIFICATION, BURDEN, AND COST SUMMARY**

**SCENARIO 1: Initial LSL Monitoring (Study Required)**

CWSs																		
Size Category	Number of Systems	Samples by Year (Representing 9-Year Compliance Cycle)									Summary of Monitoring, Burden, and Cost for ICR Period (2008-2011)							
		2008	2009	2010	2011	2012	2013	2014	2015	2016	Total Samples	Annual Samples	Total Burden	Annual Burden	Total Labor Cost	Annual Labor Cost	Total O&M Cost	Annual O&M Cost
<100	31	165	165	165	165	165	165	165	165	165	496	165	1,240	413	\$ 38,089	\$ 12,696	\$ 1,640	\$ 547
101-500	45	408	408	408	408	408	408	408	408	408	1,224	408	3,060	1,020	\$ 93,995	\$ 31,332	\$ 4,046	\$ 1,349
501-1K	30	568	568	568	568	568	568	568	568	568	1,704	568	4,260	1,420	\$ 130,856	\$ 43,619	\$ 5,633	\$ 1,878
1K-3.3K	43	1,998	1,998	1,998	1,998	1,998	1,998	1,998	1,998	1,998	5,994	1,998	14,986	4,995	\$ 460,314	\$ 153,438	\$ 19,816	\$ 6,605
3.3K-10K	22	2,989	2,989	2,989	2,989	2,989	2,989	2,989	2,989	2,989	8,967	2,989	22,418	7,473	\$ 688,620	\$ 229,540	\$ 29,644	\$ 9,881
10K-25K	11	3,924	3,924	3,924	3,924	3,924	3,924	3,924	3,924	3,924	11,772	3,924	29,431	9,810	\$ 904,025	\$ 301,342	\$ 38,917	\$ 12,972
25K-50K	5	3,680	3,680	3,680	3,680	3,680	3,680	3,680	3,680	3,680	11,041	3,680	27,603	9,201	\$ 847,874	\$ 282,625	\$ 36,500	\$ 12,167
50K-75K	6	8,172	8,172	8,172	8,172	8,172	8,172	8,172	8,172	8,172	24,515	8,172	61,287	20,429	\$ 1,882,569	\$ 627,523	\$ 81,042	\$ 27,014
75K-100K	3	5,238	5,238	5,238	5,238	5,238	5,238	5,238	5,238	5,238	15,714	5,238	39,285	13,095	\$ 1,206,728	\$ 402,243	\$ 51,948	\$ 17,316
100K-500K	9	34,013	34,013	34,013	34,013	34,013	34,013	34,013	34,013	34,013	102,040	34,013	255,101	85,034	\$ 7,835,992	\$ 2,611,997	\$ 337,328	\$ 112,443
500K-1M	1	12,948	12,948	12,948	12,948	12,948	12,948	12,948	12,948	12,948	38,844	12,948	97,111	32,370	\$ 2,982,970	\$ 994,323	\$ 128,412	\$ 42,804
> 1M	1	31,085	31,085	31,085	31,085	31,085	31,085	31,085	31,085	31,085	93,254	31,085	233,136	77,712	\$ 7,161,302	\$ 2,387,101	\$ 308,283	\$ 102,761
<b>Total</b>	<b>207</b>	<b>105,189</b>	<b>105,189</b>	<b>105,189</b>	<b>105,189</b>	<b>105,189</b>	<b>105,189</b>	<b>105,189</b>	<b>105,189</b>	<b>105,189</b>	<b>315,566</b>	<b>105,189</b>	<b>788,916</b>	<b>262,972</b>	<b>\$ 24,233,332</b>	<b>\$ 8,077,777</b>	<b>\$ 1,043,208</b>	<b>\$ 347,736</b>



Exhibit 25 - LSL MONITORING - MONITORING, NOTIFICATION, BURDEN, AND COST SUMMARY (cont.)

**SCENARIO 2: Initial LSL Monitoring (No Study Required)**

CWSs																		
Size Category	Number of Systems	Samples by Year (Representing 9-Year Compliance Cycle)									Summary of Monitoring, Burden, and Cost for ICR Period (2008-2011)							
		2008	2009	2010	2011	2012	2013	2014	2015	2016	Total Samples	Annual Samples	Total Burden	Annual Burden	Total Labor Cost	Annual Labor Cost	Total O&M Cost	Annual O&M Cost
<100	92	491	491	491	491	491	491	491	491	491	1,472	491	3,680	1,227	\$ 113,040	\$ 37,680	\$ 4,866	\$ 1,622
101-500	134	1,215	1,215	1,215	1,215	1,215	1,215	1,215	1,215	1,215	3,645	1,215	9,112	3,037	\$ 279,896	\$ 93,299	\$ 12,049	\$ 4,016
501-1K	89	1,685	1,685	1,685	1,685	1,685	1,685	1,685	1,685	1,685	5,055	1,685	12,638	4,213	\$ 388,205	\$ 129,402	\$ 16,712	\$ 5,571
1K-3.3K	128	5,948	5,948	5,948	5,948	5,948	5,948	5,948	5,948	5,948	17,843	5,948	44,608	14,869	\$ 1,370,236	\$ 456,745	\$ 58,987	\$ 19,662
3.3K-10K	67	9,103	9,103	9,103	9,103	9,103	9,103	9,103	9,103	9,103	27,309	9,103	68,273	22,758	\$ 2,097,160	\$ 699,053	\$ 90,280	\$ 30,093
10K-25K	31	11,059	11,059	11,059	11,059	11,059	11,059	11,059	11,059	11,059	33,176	11,059	82,941	27,647	\$ 2,547,706	\$ 849,235	\$ 109,675	\$ 36,558
25K-50K	14	10,305	10,305	10,305	10,305	10,305	10,305	10,305	10,305	10,305	30,915	10,305	77,287	25,762	\$ 2,374,046	\$ 791,349	\$ 102,199	\$ 34,066
50K-75K	1	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
75K-100K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
100K-500K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
500K-1M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
> 1M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
<b>Total</b>	<b>556</b>	<b>39,805</b>	<b>39,805</b>	<b>39,805</b>	<b>39,805</b>	<b>39,805</b>	<b>39,805</b>	<b>39,805</b>	<b>39,805</b>	<b>39,805</b>	<b>119,415</b>	<b>39,805</b>	<b>298,539</b>	<b>99,513</b>	<b>\$ 9,170,288</b>	<b>\$ 3,056,763</b>	<b>\$ 394,767</b>	<b>\$ 131,589</b>

Exhibit 25 - LSL MONITORING - MONITORING, NOTIFICATION, BURDEN, AND COST SUMMARY (cont.)

**SCENARIO 3: Partial LSL Replacement (Study Required)**

CWSs (Monitoring)																		
Size Category	Number of Systems	Samples by Year (Representing 9-Year Compliance Cycle)									Summary of Monitoring, Burden, and Cost for ICR Period (2008-2011)							
		2008	2009	2010	2011	2012	2013	2014	2015	2016	Total Samples	Annual Samples	Total Burden	Annual Burden	Total Labor Cost	Annual Labor Cost	Total O&M Cost	Annual O&M Cost
<100	31	165	165	165	165	165	165	165	165	165	496	165	1,240	413	\$ 38,089	\$ 12,696	\$ 1,640	\$ 547
101-500	45	245	245	245	245	245	245	245	245	245	734	245	1,836	612	\$ 56,397	\$ 18,799	\$ 2,428	\$ 809
501-1K	30	341	341	341	341	341	341	341	341	341	1,022	341	2,556	852	\$ 78,513	\$ 26,171	\$ 3,380	\$ 1,127
1K-3.3K	43	1,199	1,199	1,199	1,199	1,199	1,199	1,199	1,199	1,199	3,597	1,199	8,991	2,997	\$ 276,188	\$ 92,063	\$ 11,889	\$ 3,963
3.3K-10K	22	1,793	1,793	1,793	1,793	1,793	1,793	1,793	1,793	1,793	5,380	1,793	13,451	4,484	\$ 413,172	\$ 137,724	\$ 17,786	\$ 5,929
10K-25K	11	2,354	2,354	2,354	2,354	2,354	2,354	2,354	2,354	2,354	7,063	2,354	17,658	5,886	\$ 542,415	\$ 180,805	\$ 23,350	\$ 7,783
25K-50K	5	2,208	2,208	2,208	2,208	2,208	2,208	2,208	2,208	2,208	6,625	2,208	16,562	5,521	\$ 508,724	\$ 169,575	\$ 21,900	\$ 7,300
50K-75K	6	4,903	4,903	4,903	4,903	4,903	4,903	4,903	4,903	4,903	14,709	4,903	36,772	12,257	\$ 1,129,542	\$ 376,514	\$ 48,625	\$ 16,208
75K-100K	3	3,143	3,143	3,143	3,143	3,143	3,143	3,143	3,143	3,143	9,428	3,143	23,571	7,857	\$ 724,037	\$ 241,346	\$ 31,169	\$ 10,390
100K-500K	9	20,408	20,408	20,408	20,408	20,408	20,408	20,408	20,408	20,408	61,224	20,408	153,060	51,020	\$ 4,701,595	\$ 1,567,198	\$ 202,397	\$ 67,466
500K-1M	1	7,769	7,769	7,769	7,769	7,769	7,769	7,769	7,769	7,769	23,307	7,769	58,266	19,422	\$ 1,789,782	\$ 596,594	\$ 77,047	\$ 25,682
> 1M	1	18,651	18,651	18,651	18,651	18,651	18,651	18,651	18,651	18,651	55,953	18,651	139,882	46,627	\$ 4,296,781	\$ 1,432,260	\$ 184,970	\$ 61,657
<b>Total</b>	<b>207</b>	<b>63,179</b>	<b>63,179</b>	<b>63,179</b>	<b>63,179</b>	<b>63,179</b>	<b>63,179</b>	<b>63,179</b>	<b>63,179</b>	<b>63,179</b>	<b>189,538</b>	<b>63,179</b>	<b>473,845</b>	<b>157,948</b>	<b>\$14,555,235</b>	<b>\$ 4,851,745</b>	<b>\$ 626,581</b>	<b>\$ 208,860</b>
CWSs (Notifications)																		
Size Category	Number of Systems	Samples by Year (Representing 9-Year Compliance Cycle)									Summary of Monitoring, Burden, and Cost for ICR Period (2008-2011)							
		2008	2009	2010	2011	2012	2013	2014	2015	2016	Total Notifications	Annual Notifications	Total Burden	Annual Burden	Total Labor Cost	Annual Labor Cost	Total O&M Cost	Annual O&M Cost
<100	31	380	380	380	380	380	380	380	380	380	1,141	380	285	95	\$ 8,761	\$ 2,920	\$ 468	\$ 156
101-500	45	563	563	563	563	563	563	563	563	563	1,689	563	422	141	\$ 12,971	\$ 4,324	\$ 693	\$ 231
501-1K	30	784	784	784	784	784	784	784	784	784	2,352	784	588	196	\$ 18,058	\$ 6,019	\$ 964	\$ 321
1K-3.3K	43	2,757	2,757	2,757	2,757	2,757	2,757	2,757	2,757	2,757	8,272	2,757	2,068	689	\$ 63,523	\$ 21,174	\$ 3,392	\$ 1,131
3.3K-10K	22	4,125	4,125	4,125	4,125	4,125	4,125	4,125	4,125	4,125	12,375	4,125	3,094	1,031	\$ 95,030	\$ 31,677	\$ 5,074	\$ 1,691
10K-25K	11	5,415	5,415	5,415	5,415	5,415	5,415	5,415	5,415	5,415	16,246	5,415	4,061	1,354	\$ 124,755	\$ 41,585	\$ 6,661	\$ 2,220
25K-50K	5	5,079	5,079	5,079	5,079	5,079	5,079	5,079	5,079	5,079	15,237	5,079	3,809	1,270	\$ 117,007	\$ 39,002	\$ 6,247	\$ 2,082
50K-75K	6	11,277	11,277	11,277	11,277	11,277	11,277	11,277	11,277	11,277	33,830	11,277	16,915	5,638	\$ 519,589	\$ 173,196	\$ 13,870	\$ 4,623
75K-100K	3	7,228	7,228	7,228	7,228	7,228	7,228	7,228	7,228	7,228	21,685	7,228	10,843	3,614	\$ 333,057	\$ 111,019	\$ 8,891	\$ 2,964
100K-500K	9	46,938	46,938	46,938	46,938	46,938	46,938	46,938	46,938	46,938	140,815	46,938	70,408	23,469	\$ 2,162,734	\$ 720,911	\$ 57,734	\$ 19,245
500K-1M	1	17,868	17,868	17,868	17,868	17,868	17,868	17,868	17,868	17,868	53,605	17,868	26,802	8,934	\$ 823,300	\$ 274,433	\$ 21,978	\$ 7,326
> 1M	1	42,897	42,897	42,897	42,897	42,897	42,897	42,897	42,897	42,897	128,691	42,897	64,346	21,449	\$ 1,976,519	\$ 658,840	\$ 52,763	\$ 17,588
<b>Total</b>	<b>207</b>	<b>145,313</b>	<b>145,313</b>	<b>145,313</b>	<b>145,313</b>	<b>145,313</b>	<b>145,313</b>	<b>145,313</b>	<b>145,313</b>	<b>145,313</b>	<b>435,938</b>	<b>145,313</b>	<b>203,641</b>	<b>67,880</b>	<b>\$ 6,255,304</b>	<b>\$ 2,085,101</b>	<b>\$ 178,734</b>	<b>\$ 59,578</b>

Exhibit 25 - LSL MONITORING - MONITORING, NOTIFICATION, BURDEN, AND COST SUMMARY (cont.)

**SCENARIO 4: Partial LSL Replacement (No Study Required)**

CWSS (Monitoring)																		
Size Category	Number of Systems	Samples by Year (Representing 9-Year Compliance Cycle)									Summary of Monitoring, Burden, and Cost for ICR Period (2008-2011)							
		2008	2009	2010	2011	2012	2013	2014	2015	2016	Total Samples	Annual Samples	Total Burden	Annual Burden	Total Labor Cost	Annual Labor Cost	Total O&M Cost	Annual O&M Cost
<100	92	491	491	491	491	491	491	491	491	491	1,472	491	3,680	1,227	\$ 113,040	\$ 37,680	\$ 4,866	\$ 1,622
101-500	134	729	729	729	729	729	729	729	729	729	2,187	729	5,467	1,822	\$ 167,937	\$ 55,979	\$ 7,229	\$ 2,410
501-1K	89	1,011	1,011	1,011	1,011	1,011	1,011	1,011	1,011	1,011	3,033	1,011	7,583	2,528	\$ 232,923	\$ 77,641	\$ 10,027	\$ 3,342
1K-3.3K	128	3,569	3,569	3,569	3,569	3,569	3,569	3,569	3,569	3,569	10,706	3,569	26,765	8,922	\$ 822,142	\$ 274,047	\$ 35,392	\$ 11,797
3.3K-10K	67	5,462	5,462	5,462	5,462	5,462	5,462	5,462	5,462	5,462	16,386	5,462	40,964	13,655	\$ 1,258,296	\$ 419,432	\$ 54,168	\$ 18,056
10K-25K	31	6,635	6,635	6,635	6,635	6,635	6,635	6,635	6,635	6,635	19,906	6,635	49,764	16,588	\$ 1,528,624	\$ 509,541	\$ 65,805	\$ 21,935
25K-50K	14	6,183	6,183	6,183	6,183	6,183	6,183	6,183	6,183	6,183	18,549	6,183	46,372	15,457	\$ 1,424,428	\$ 474,809	\$ 61,319	\$ 20,440
50K-75K	1	817	817	817	817	817	817	817	817	817	2,451	817	6,129	2,043	\$ 188,257	\$ 62,752	\$ 8,104	\$ 2,701
75K-100K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
100K-500K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
500K-1M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
> 1M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
<b>Total</b>	<b>556</b>	<b>24,897</b>	<b>24,897</b>	<b>24,897</b>	<b>24,897</b>	<b>24,897</b>	<b>24,897</b>	<b>24,897</b>	<b>24,897</b>	<b>24,897</b>	<b>74,690</b>	<b>24,897</b>	<b>186,724</b>	<b>62,241</b>	<b>\$ 5,735,646</b>	<b>\$ 1,911,882</b>	<b>\$ 246,911</b>	<b>\$ 82,304</b>
CWSS (Notifications)																		
Size Category	Number of Systems	Samples by Year (Representing 9-Year Compliance Cycle)									Summary of Monitoring, Burden, and Cost for ICR Period (2008-2011)							
		2008	2009	2010	2011	2012	2013	2014	2015	2016	Total Notifications	Annual Notifications	Total Burden	Annual Burden	Total Labor Cost	Annual Labor Cost	Total O&M Cost	Annual O&M Cost
<100	92	1,129	1,129	1,129	1,129	1,129	1,129	1,129	1,129	1,129	3,386	1,129	846	282	\$ 25,999	\$ 8,666	\$ 1,388	\$ 463
101-500	134	1,677	1,677	1,677	1,677	1,677	1,677	1,677	1,677	1,677	5,030	1,677	1,257	419	\$ 38,626	\$ 12,875	\$ 2,062	\$ 687
501-1K	89	2,325	2,325	2,325	2,325	2,325	2,325	2,325	2,325	2,325	6,976	2,325	1,744	581	\$ 53,572	\$ 17,857	\$ 2,860	\$ 953
1K-3.3K	128	8,208	8,208	8,208	8,208	8,208	8,208	8,208	8,208	8,208	24,624	8,208	6,156	2,052	\$ 189,093	\$ 63,031	\$ 10,096	\$ 3,365
3.3K-10K	67	12,562	12,562	12,562	12,562	12,562	12,562	12,562	12,562	12,562	37,687	12,562	9,422	3,141	\$ 289,408	\$ 96,469	\$ 15,452	\$ 5,151
10K-25K	31	15,261	15,261	15,261	15,261	15,261	15,261	15,261	15,261	15,261	45,783	15,261	11,446	3,815	\$ 351,583	\$ 117,194	\$ 18,771	\$ 6,257
25K-50K	14	14,221	14,221	14,221	14,221	14,221	14,221	14,221	14,221	14,221	42,662	14,221	10,666	3,555	\$ 327,618	\$ 109,206	\$ 17,492	\$ 5,831
50K-75K	1	1,879	1,879	1,879	1,879	1,879	1,879	1,879	1,879	1,879	5,638	1,879	2,819	940	\$ 86,598	\$ 28,866	\$ 2,312	\$ 771
75K-100K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
100K-500K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
500K-1M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
> 1M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
<b>Total</b>	<b>556</b>	<b>57,262</b>	<b>57,262</b>	<b>57,262</b>	<b>57,262</b>	<b>57,262</b>	<b>57,262</b>	<b>57,262</b>	<b>57,262</b>	<b>57,262</b>	<b>171,786</b>	<b>57,262</b>	<b>44,356</b>	<b>14,785</b>	<b>\$ 1,362,498</b>	<b>\$ 454,166</b>	<b>\$ 70,432</b>	<b>\$ 23,477</b>



**Exhibit 26 - SYSTEM INVENTORY**

**GROUND WATER: CWSs**

Size Category	Total Systems
<100	12,091
101-500	13,919
501-1K	4,511
1K-3.3K	5,770
3.3K-10K	2,796
10K-25K	977
25K-50K	370
50K-75K	118
75K-100K	31
100K-500K	69
500K-1M	4
> 1M	3
<b>TOTAL:</b>	<b>40,658</b>

**SURFACE WATER: CWSs**

Size Category	Total Systems
<100	1,179
101-500	2,093
501-1K	1,167
1K-3.3K	2,458
3.3K-10K	2,026
10K-25K	1,211
25K-50K	617
50K-75K	252
75K-100K	126
100K-500K	276
500K-1M	30
> 1M	16
<b>TOTAL:</b>	<b>11,452</b>

**GROUND WATER: NTNCWSs**

Size Category	Total Systems
<100	8,873
101-500	6,666
501-1K	1,741
1K-3.3K	765
3.3K-10K	100
10K-25K	9
25K-50K	6
50K-75K	0
75K-100K	0
100K-500K	0
500K-1M	0
> 1M	0
<b>TOTAL:</b>	<b>18,160</b>

**SURFACE WATER: NTNCWSs**

Size Category	Total Systems
<100	259
101-500	236
501-1K	88
1K-3.3K	68
3.3K-10K	20
10K-25K	4
25K-50K	2
50K-75K	1
75K-100K	0
100K-500K	1
500K-1M	0
> 1M	0
<b>TOTAL:</b>	<b>679</b>

**GROUND WATER: ALL SYSTEMS**

Size Category	Total Systems
<100	20,963
101-500	20,585
501-1K	6,252
1K-3.3K	6,535
3.3K-10K	2,896
10K-25K	986
25K-50K	376
50K-75K	118
75K-100K	31
100K-500K	69
500K-1M	4
> 1M	3
<b>TOTAL:</b>	<b>58,818</b>

**SURFACE WATER: ALL SYSTEMS**

Size Category	Total Systems
<100	1,439
101-500	2,329
501-1K	1,255
1K-3.3K	2,526
3.3K-10K	2,046
10K-25K	1,215
25K-50K	619
50K-75K	253
75K-100K	126
100K-500K	277
500K-1M	30
> 1M	16
<b>TOTAL:</b>	<b>12,131</b>

Source: SDWIS/FED Data from October 2007

**Exhibit 27 - Labor Rates**

State Labor Rate \$42.80

Exhibit 27 - System Labor Rates	
<100	\$30.72
101-500	\$30.72
501-1K	\$30.72
1K-3.3K	\$30.72
3.3K-10K	\$30.72
10K-25K	\$30.72
25K-50K	\$30.72
50K-75K	\$30.72
75K-100K	\$30.72
100K-500K	\$30.72
500K-1M	\$30.72
> 1M	\$30.72

PWS Labor Rate	
Base (Hourly)	\$17.87
Load Factor	1.6
Inflation Factor	1.07
Total	\$30.72
State Labor Rate	
Base (Hourly)	\$24.92
Load Factor	1.6
Inflation Factor	1.07
Total	\$42.80

2006\$ BLS SOC Code 51-8031, "Local Government - Water and Liquid Waste Treatment Plant and System Operators"  
 108.4 ECI December 2007\*  
 100.9 ECI June 2006\*

2006\$ BLS SOC Code 19-2041, "State Government - Environmental Scientists and Specialists, Including Health"  
 108.2 ECI September 2007\*\*  
 100.8 ECI June 2006\*\*

\* Source: Employment Cost Index Historical Listing Current-dollar March 2001 - December 2007, Total Compensation, Not Seasonally Adjusted, Index Number, State & Local Government, All Workers, Table 7.

\*\* Source: Employment Cost Index Historical Listing Current-dollar March 2001 - December 2007, Total Compensation, Not Seasonally Adjusted, Index Number,

**Exhibit 28 - Number of Public Water Systems, Population Served, and Service Connections**

Size Category	Community Water Systems (CWSs)				
	Number of Systems	Pop.	Average Pop./Sys.	Service Connections	Average Scon./Sys.
100 & under	13,270	792,110	60	1,061,236	80
101 to 500	16,012	4,064,897	254	2,181,943	136
501 to 1,000	5,678	4,182,624	737	1,615,351	284
1,001 to 3,300	8,228	15,665,705	1,904	5,735,078	697
3,301 to 10,000	4,822	27,942,486	5,795	9,826,539	2,038
10,001 to 25,000	2,188	34,786,737	15,899	11,706,930	5,351
25,001 to 50,000	987	34,521,021	34,976	10,897,480	11,041
50,001 to 75,000	370	22,367,068	60,452	7,558,680	20,429
75,001 to 100,000	157	13,520,901	86,120	4,111,813	26,190
100,001 to 500,000	345	66,106,036	191,612	19,557,847	56,689
500,001 to 1 Million	34	24,424,250	718,360	6,603,519	194,221
Over 1 Million	19	38,077,369	2,004,072	8,859,164	466,272
<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>
Size Category	Nontransient Noncommunity Water Systems (NTNCWSs)				
	Number of Systems	Pop.	Average Pop./Sys.	Service Connections	Average Scon./Sys.
100 & under	9,132	511,441	56	69,942	8
101 to 500	6,902	1,736,115	252	56,902	8
501 to 1,000	1,829	1,318,072	721	23,144	13
1,001 to 3,300	833	1,392,258	1,671	31,070	37
3,301 to 10,000	120	639,561	5,330	13,123	109
10,001 to 25,000	13	166,804	12,831	2,875	221
25,001 to 50,000	8	295,078	36,885	342	43
50,001 to 75,000	1	71,963	71,963	70	70
75,001 to 100,000	0	0	0	0	N/A
100,001 to 500,000	1	203,000	203,000	2,181	2,181
500,001 to 1 Million	0	0	N/A	0	N/A
Over 1 Million	0	0	N/A	0	N/A
<b>Total</b>	<b>18,839</b>	<b>6,334,292</b>	<b>336</b>	<b>199,649</b>	<b>11</b>

Source: SDWIS/FED Data from October 2007

**Exhibit 29 - Notification of Sampling Results for Customers Whose Taps Are Sampled**

System Size Category	Number of Systems	Percentage of Systems That Currently Do Not Notify Customers	Subtotal Systems Affected by Reg Change III.E	# Systems Affected by Regulatory Change III.C That Are Affected by Reg. Change III.E	Total Annual Monitoring Events	Total Customer Notification Letters	Annual System Burden (hrs)	Annual System Labor Cost	Annual System O&M Cost
	A	B	C	D	E	F	G	H	I
<b>CWSs:</b>									
<100	13,270	89%	11,810	185	6,078	30,392	1,520	\$46,677.29	\$13,676.20
101-500	16,012	90%	14,411	155	7,275	50,896	2,545	\$78,169.04	\$22,903.12
501-1K	5,678	89%	5,053	55	2,552	35,721	1,786	\$54,862.61	\$16,074.46
1K-3.3K	8,228	89%	7,323	78	3,695	51,695	2,585	\$79,397.04	\$23,262.92
3.3K-10K	4,822	90%	4,340	54	2,206	61,895	6,877	\$211,248.42	\$27,852.61
10K-25K	2,188	90%	1,969	28	1,008	28,365	3,152	\$96,809.65	\$12,764.12
25K-50K	987	90%	888	12	453	19,117	2,124	\$65,247.48	\$8,602.73
50K-75K	370	90%	333	5	171	7,227	803	\$24,664.95	\$3,252.02
75K-100K	157	90%	141	2	72	5,086	565	\$17,360.21	\$2,288.90
100K-500K	345	91%	314	5	162	11,413	1,268	\$38,951.81	\$5,135.70
500K-1M	34	89%	30	1	17	1,204	134	\$4,108.00	\$541.63
> 1M	19	93%	18	1	11	786	87	\$2,682.83	\$353.72
<b>NTNCWSs:</b>									
<100	9,132	87%	7,945	217	4,274	-	4,274	\$131,285.81	\$0.00
101-500	6,902	88%	6,074	143	3,222	-	3,222	\$98,960.32	\$0.00
501-1K	1,829	89%	1,628	35	857	-	857	\$26,317.79	\$0.00
1K-3.3K	833	90%	750	16	395	-	395	\$12,125.80	\$0.00
3.3K-10K	120	93%	112	1	56	-	56	\$1,714.02	\$0.00
10K-25K	13	92%	12		6	-	6	\$177.57	\$0.00
25K-50K	8	92%	7		4	-	4	\$109.27	\$0.00
50K-75K	1	100%	1	1	2	-	2	\$76.28	\$0.00
75K-100K	0	100%	0		0	-		\$0.00	\$0.00
100K-500K	1		0		0	-		\$0.00	\$0.00
500K-1M	0							\$0.00	\$0.00
> 1M	0							\$0.00	\$0.00
<b>Total</b>	<b>70,948</b>	<b>89%</b>	<b>63,159</b>	<b>994</b>	<b>32,515</b>		<b>32,260</b>	<b>\$990,946.17</b>	<b>\$136,708.13</b>

Notes:

[A] Number of CWS and NTNCWS systems per SDWIS/FED Data 2007.

[B] Data source: USEPA Survey of States - Questions on State Implementation of Lead and Copper Rule (July 2004).

[C] The number of systems affected by Reg. Change III.E equals the total number of CWS and NTNCWS systems (see [A]) multiplied by the percentage of systems that currently do not notify their customers (see [B]).

For example, 89% of 13,766 CWSs serving <100 people do not notify customers; therefore, these 12,252 (13,766 x 0.89) systems are affected by Reg. Change III.E.

[D] Regulatory Change III.E will also affect systems that are affected by regulatory change III.C that exceeded the lead action level while on reduced monitoring and had to revert to standard monitoring, and do not currently notify their customers of lead test results. The number of systems affected by regulatory change III.C is based on the number of systems exceeding the lead action level as reported in the SDWIS Fed data 2003. The number of CWS and NTNCWS are listed separately in this table because the NTNCWS have a different burden requirement. NTNCWS are not required to prepare notification letters for each sample but provide general notification through bulletin board notices. It is also assumed that 91% of these systems are on reduced monitoring based on USEPA Survey of States July 2004.

[E] For the subtotal of systems affected by Reg. Change III.E, it is assumed that 9% of systems use a standard monitoring schedule with 6 monitoring events in 3 years or 2 monitoring events each year. It is also assumed that 91% of systems are on a reduced monitoring schedule with 1 monitoring event in 3 years. In addition, systems affected by Reg. Change III.C that are also affected by Reg. Change III.E use a standard monitoring schedule with 2 monitoring events each year. (Source: USEPA Survey of States - Questions on State Implementation of Lead and Copper Rule, July 2004). For systems affected by Reg. Change III.C, assume all systems have reverted to a standard monitoring schedule.

[F] The number of customer notification letters on lead monitoring results is based on the sampling schedule for standard and reduced monitoring as summarized in the LCR Short Term Revisions Economic Analysis Exhibit H.21. It is assumed that one letter is sent for each sampling site required by 40 CFR 141.86c.

[G] For CWSs, assume burden of 1 hour per 20 letters for systems serving <3,300 people. For systems serving > 3,300 people, assume burden of 1 hour per 9 letters

For NTNCWSs, assume 1 hour per monitoring event for all system sizes. Burden estimates based on recommendations of Expert Review Panel (November 2005).

[H] For CWSs, the annual system O&M cost equals \$0.45 per sample letter (\$0.41 postage, \$0.01 paper and \$0.03 envelope) multiplied by the number of sample letters.

For NTNCWSs, the O&M cost is assumed to be negligible.



**Exhibit 30 - CWS Public Education Delivery Requirements (Inserts and Pamphlets)**

A Size Category	B Total CWSs	C Total Population Served	D CWSs - Public Education Required [1]	E Avg. Pop. Per System	F Avg. No. Inserts per System [2] (E/2.59) <sup>4</sup>	G Avg. No. of Pamphlets per System [3]	H Avg. No. of All Materials per System (F+G)	I Training Material Cost per Piece [4]	J Training Material Cost per System (H*I)	K Total Training Material Cost (D*J)	L Mailing Cost per System [5] (H*0.5*\$0.41)	M Total Mailing Cost (D*L)	N Total Material and Mailing Costs per System (J+L)	O Total Material and Mailing (O&M) Costs (K+M)	P Labor Hours to Mail Materials (per System) [6]		Q Total Labor Hours to Mail Materials			R Total Labor Unit Burden (Q/D)	S Labor Rate	T Total Labor Cost (Q*S)	
															Mail	Bill Stuffer	Direct Mail	Bill Stuffer	Total				
<100	13,270	796,200	185	60	93	5	98	\$ 0.55	\$ 54	\$ 9,937	\$ 20	\$ 3,704	\$ 74	\$ 13,641	15	6	1,388	555	1,943	10.5	\$ 30.72	\$ 59,668	
101-500	16,012	4,067,048	155	254	392	5	397	\$ 0.55	\$ 219	\$ 33,868	\$ 81	\$ 12,624	\$ 300	\$ 46,491	15	6	1,163	465	1,628	10.5	\$ 30.72	\$ 49,992	
501-1K	5,678	4,184,686	55	737	1,138	6	1,144	\$ 0.55	\$ 629	\$ 34,613	\$ 235	\$ 12,901	\$ 864	\$ 47,514	25	10	688	275	963	17.5	\$ 30.72	\$ 29,565	
1,001-3.3K	8,228	15,666,112	78	1,904	2,941	3	2,944	\$ 0.55	\$ 1,619	\$ 126,278	\$ 603	\$ 47,067	\$ 2,222	\$ 173,345	25	10	975	390	1,365	17.5	\$ 30.72	\$ 41,929	
3,301-10K	4,822	27,943,490	54	5,795	8,950	14	8,964	\$ 0.55	\$ 4,930	\$ 266,225	\$ 1,838	\$ 99,229	\$ 6,768	\$ 365,454	144	54	3,885	1,455	5,339	98.9	\$ 30.72	\$ 164,006	
10,001-25K	2,188	34,787,012	28	15,899	24,554	53	24,607	\$ 0.55	\$ 13,534	\$ 378,955	\$ 5,045	\$ 141,247	\$ 18,579	\$ 520,201	183	93	2,560	1,300	3,861	137.9	\$ 30.72	\$ 118,594	
25,001-50K	987	34,521,312	12	34,976	54,017	76	54,093	\$ 0.55	\$ 29,751	\$ 357,014	\$ 11,089	\$ 133,069	\$ 40,840	\$ 490,082	257	167	1,539	999	2,539	211.5	\$ 30.72	\$ 77,976	
50,001-75K	370	22,367,240	5	60,452	93,362	175	93,537	\$ 0.55	\$ 51,445	\$ 257,227	\$ 19,175	\$ 95,876	\$ 70,621	\$ 353,103	355	265	887	662	1,550	309.9	\$ 30.72	\$ 47,597	
75,001-100K	157	13,520,840	2	86,120	133,004	207	133,211	\$ 0.55	\$ 73,266	\$ 146,532	\$ 27,308	\$ 54,616	\$ 100,574	\$ 201,148	454	364	454	364	818	409.0	\$ 30.72	\$ 25,127	
100,001-500K	345	66,106,140	5	191,612	295,926	519	296,445	\$ 0.55	\$ 163,045	\$ 815,223	\$ 60,771	\$ 303,856	\$ 223,816	\$ 1,119,079	861	771	2,153	1,928	4,082	816.3	\$ 30.72	\$ 125,375	
500,001-1M	34	24,424,240	1	718,360	1,109,436	1,931	1,111,367	\$ 0.55	\$ 611,252	\$ 611,252	\$ 227,830	\$ 227,830	\$ 839,082	\$ 839,082	2,895	2,805	1,448	1,403	2,850	2,850.1	\$ 30.72	\$ 87,547	
Over 1M	19	38,077,368	1	2,004,072	3,095,092	5,465	3,100,557	\$ 0.55	\$ 1,705,306	\$ 1,705,306	\$ 635,614	\$ 635,614	\$ 2,340,920	\$ 2,340,920	7,859	7,769	3,930	3,885	7,814	7,814.2	\$ 30.72	\$ 240,032	
<b>Total</b>	<b>52,110</b>	<b>286,461,688</b>	<b>581</b>						<b>\$ 2,655,050</b>	<b>\$ 4,742,430</b>	<b>\$ 989,610</b>	<b>\$ 1,767,633</b>	<b>\$ 3,644,660</b>	<b>\$ 6,510,063</b>									<b>\$ 1,067,409</b>

Notes: Burden estimates take into account the results of the February 2008 consultation with water industry representatives.

Assumptions: [1] Based on actual exceedances between 2003 and 2007 from LCR STR, Exhibit H.2.

[2] The average number of households per system receiving inserts are assumed to equal the average population served per system for a given size category divided by 2.59 (2000 Census figure for the average number of people per household) times 4 for 1 notification for each quarterly billing cycle.

[3] For systems serving > 3,300 people, the number of pamphlets and brochures was derived by assuming 90.9 doctors and 32.1 schools for every 100,000 people. This estimate is considered to be conservative enough to cover other facilities and organizations that are likely to provide services to pregnant women and children.

For systems serving 3,300 or fewer people, the number of pamphlets and brochures was estimated at 5. These systems were assumed to be too small to have their own doctors and schools, but that they would have other areas in the town where pamphlets would be beneficial to children and pregnant women. Child care centers added for STR based on 178/100,000 and 15 ob/gyns/100,000.

[4] CWSs will buy material already printed (1991 RIA assumption). The cost per piece is taken from the AWWA 2008 bookstore catalog.

[5] The cost to mail public education materials is 41 cents, the first class rate for 2007. It is assumed that 50% of systems will mail public education materials separately, and 50% will mail materials with their water bills.

[6] The burden per system for systems conducting separate mailings (50% of systems) is assumed to be 15 hours for systems serving 500 or fewer, 25 hours for systems serving 501-3,300, and 60 hours for systems serving over 3,300. For the 50% of systems assumed to mail materials with the water bill, burden is 1/4 the burden of that for systems conducting separate mailings. Systems serving over 3,300 incur an extra hour and a half burden to draw up lists of additional groups receiving pamphlets and to contact the public health agency, and 0.25 hours per 100 brochures for production.

**Exhibit 31 - CWS Public Education Delivery Requirements (Public Service Announcements)**

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Size Category	Total CWSs	Total Population Served	CWSs - Public Education Required [1]	No. of Entities Requiring Notification [2]	PSA Frequency (per Year)	Labor Hours per PSA [3]	Avg. Annual Burden per System (F*G)	Total Annual PSA Burden (D*H)	PSA Material Cost per Piece [4]	PSA Material Cost per System (E*F*J)	Mailing Cost per System (E*F*\$0.41)	Total Material and Mailing Costs per System (K+L)	Total Material and Mailing (O&M) Costs (D*M)	Labor Rate	Total Annual Labor Cost (I*O)
<100	13,270	796,200	185	-	2	-	-	-	\$ 0.55	\$ -	\$ -	\$ -	\$ -	\$ 30.72	\$ -
101-500	16,012	4,067,048	155	-	2	-	-	-	\$ 0.55	\$ -	\$ -	\$ -	\$ -	\$ 30.72	\$ -
501-1K	5,678	4,184,686	55	-	2	-	-	-	\$ 0.55	\$ -	\$ -	\$ -	\$ -	\$ 30.72	\$ -
1,001-3.3K	8,228	15,666,112	78	-	2	-	-	-	\$ 0.55	\$ -	\$ -	\$ -	\$ -	\$ 30.72	\$ -
3,301-10K	4,822	27,943,490	54	8	2	0.5	1	54	\$ 0.55	\$ 8.80	\$ 6.56	\$ 15.36	\$ 829	\$ 30.72	\$ 1,659
10,001-25K	2,188	34,787,012	28	8	2	0.5	1	28	\$ 0.55	\$ 8.80	\$ 6.56	\$ 15.36	\$ 430	\$ 30.72	\$ 860
25,001-50K	987	34,521,312	12	8	2	0.5	1	12	\$ 0.55	\$ 8.80	\$ 6.56	\$ 15.36	\$ 184	\$ 30.72	\$ 369
50,001-75K	370	22,367,240	5	8	2	0.5	1	5	\$ 0.55	\$ 8.80	\$ 6.56	\$ 15.36	\$ 77	\$ 30.72	\$ 154
75,001-100K	157	13,520,840	2	8	2	0.5	1	2	\$ 0.55	\$ 8.80	\$ 6.56	\$ 15.36	\$ 31	\$ 30.72	\$ 61
100,001-500K	345	66,106,140	5	8	2	0.5	1	5	\$ 0.55	\$ 8.80	\$ 6.56	\$ 15.36	\$ 77	\$ 30.72	\$ 154
500,001-1M	34	24,424,240	1	8	2	0.5	1	1	\$ 0.55	\$ 8.80	\$ 6.56	\$ 15.36	\$ 15	\$ 30.72	\$ 31
Over 1M	19	38,077,368	1	8	2	0.5	1	1	\$ 0.55	\$ 8.80	\$ 6.56	\$ 15.36	\$ 15	\$ 30.72	\$ 31
<b>Total</b>	<b>52,110</b>	<b>286,461,688</b>	<b>581</b>					<b>108</b>					<b>\$ 1,659</b>		<b>\$ 3,317</b>

Notes: Burden estimates take into account the results of the February 2008 consultation with water industry representatives.

Assumptions: [1] Based on actual exceedances between 2003 and 2007 from LCR Short Term Revisions Economic Analysis, Exhibit H.2.

[2] The LCRM model assumes that each system serving >3,300 people will send materials to 8 facilities, but States will not require systems serving <3,300 people to deliver PSAs or send notices to newspapers.

[3] Systems estimated to require 0.5 hour to prepare and mail notification to newspapers and radio and TV stations. It is assumed that these entities will run the public education materials as a public service announcement, free of charge. Reduced from 2004 ICR due to STR requirements

[4] CWSs will buy material already printed (1991 RIA assumption). The cost per piece is taken from the AWWA 2008 bookstore catalog.

**Exhibit 32 - NTNCWS Public Education Delivery Requirements (Inserts and Pamphlets)**

<b>A</b>	<b>B</b>	<b>C</b>	<b>D</b>	<b>E</b>	<b>F</b>	<b>G</b>
<b>Size Category</b>	<b>Total NTNCWSs</b>	<b>NTNCWSs - Public Education Required [1]</b>	<b>Annual System Labor Hours to Post and Distribute Handouts</b>	<b>Total Annual System Burden (C*D)</b>	<b>Labor Rate</b>	<b>Total Annual Labor Cost (E*F)</b>
<100	9,132	217	0.5	108.5	\$ 30.72	\$ 3,333
101-500	6,902	143	0.5	71.5	\$ 30.72	\$ 2,196
501-1K	1,829	35	0.5	17.5	\$ 30.72	\$ 538
1,001-3.3K	833	16	0.5	8.0	\$ 30.72	\$ 246
3,301-10K	120	1	0.5	0.5	\$ 30.72	\$ 15
10,001-25K	13	1	0.5	0.5	\$ 30.72	\$ 15
25,001-50K	8	-	0.5	-	\$ 30.72	\$ -
50,001-75K	1	-	0.5	-	\$ 30.72	\$ -
75,001-100K	-	-	0.5	-	\$ 30.72	\$ -
100,001-500K	1	-	0.5	-	\$ 30.72	\$ -
500,001-1M	-	-	0.5	-	\$ 30.72	\$ -
Over 1M	-	-	0.5	-	\$ 30.72	\$ -
<b>Total</b>	<b>18,839</b>	<b>413</b>		<b>206.5</b>		<b>\$ 6,343</b>

Notes: Burden estimates take into account the results of the February 2008 consultation with water industry representatives.

Assumptions: [1] Based on actual exceedances between 2003 and 2007 from LCR Short Term Revisions Economic Analysis, Exhibit H.2.

**Exhibit 33a - CWS Public Education Requirements from the LCR Short Term Revisions**

A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P
Size Category	Total CWSs	Total Population Served	Public Education Required [1]	Avg. Pop. Per System	Burden to Prepare Additional Brochure Language	Burden for Self Certification Letters to State	Burden for Consulting with State	O&M Cost for Certification Letters [2]	Average O&M Cost for Additional Customer Education Activities [3]	Additional Customer Education Activities per System [4]	Average Burden for Additional Customer Education Activities [3]	Burden to Post on Website	Total Burden Hours	Total Labor Cost	Total O&M Cost
<100	13,270	796,200	185	60	3.5	0.12	2	\$ 0.45	\$ 30	1	0.85	0.0	1,196	\$ 36,747	\$ 5,573.31
101-500	16,012	4,067,048	155	254	3.5	0.12	2	\$ 0.45	\$ 34	1	0.86	0.0	1,004	\$ 30,832	\$ 5,279.01
501-1K	5,678	4,184,686	55	737	3.5	0.12	2	\$ 0.45	\$ 55	1	1.25	0.0	378	\$ 11,612	\$ 3,058.36
1,001-3.3K	8,228	15,666,112	78	1,904	3.5	0.12	2	\$ 0.45	\$ 79	1	1.31	0.0	540	\$ 16,598	\$ 6,182.28
3,301-10K	4,822	27,943,490	54	5,795	3.5	0.12	2	\$ 0.45	\$ 155	3	4.99	0.0	1,112	\$ 34,150	\$ 25,198.52
10,001-25K	2,188	34,787,012	28	15,899	3.5	0.12	2	\$ 0.45	\$ 539	3	13.36	0.0	1,280	\$ 39,309	\$ 45,252.37
25,001-50K	987	34,521,312	12	34,976	3.5	0.12	2	\$ 0.45	\$ 712	3	14.25	0.0	581	\$ 17,832	\$ 25,647.91
50,001-75K	370	22,367,240	5	60,452	3.5	0.12	2	\$ 0.45	\$ 1,437	3	20.80	0.0	340	\$ 10,447	\$ 21,557.69
75,001-100K	157	13,520,840	2	86,120	3.5	0.12	2	\$ 0.45	\$ 1,606	3	22.00	0.0	143	\$ 4,400	\$ 9,634.84
100,001-500K	345	66,106,140	5	191,612	3.5	0.12	2	\$ 0.45	\$ 1,523	3	43.40	3.5	697	\$ 21,397	\$ 22,844.30
500,001-1M	34	24,424,240	1	718,360	3.5	0.12	2	\$ 0.45	\$ 2,845	3	68.00	3.5	213	\$ 6,546	\$ 8,536.12
Over 1M	19	38,077,368	1	2,004,072	3.5	0.12	2	\$ 0.45	\$ 6,073	3	128.04	3.5	393	\$ 12,080	\$ 18,219.61
<b>Total</b>	<b>52,110</b>	<b>286,461,688</b>	<b>581</b>										<b>7,877</b>	<b>\$ 241,950</b>	<b>\$ 196,984</b>

Notes: Burden estimates take into account the results of the February 2008 consultation with water industry representatives.  
 Assumptions: [1] Based on actual exceedances between 2003 and 2007 from LCR STR, Exhibit H.2.  
 [2] Based on 0.41 for stamp 0.03 for envelope and 0.01 for paper.  
 [3] Derived from STR updated to 2007  
 [4] From Exhibit H.6 of the STR EA

## Exhibit 33b - NTNCWS Public Education Requirements from the STR

A	B	C	D	E	F	G	H	I
Size Category	Total NTNCWSs	Total Population Served	Public Education Required [1]	Avg. Pop. Per System	Burden to Prepare Additional Brochure Language [2]	Burden for Consulting with State [3]	Total Burden Hours	Total Labor Cost
<100	9,132	511,392	185	56	3.5	2	1,018	\$ 31,255
101-500	6,902	1,739,304	155	252	3.5	2	853	\$ 26,186
501-1K	1,829	1,318,709	55	721	3.5	2	303	\$ 9,292
1,001-3.3K	833	1,391,943	78	1,671	3.5	2	429	\$ 13,178
3,301-10K	120	639,600	54	5,330	3.5	2	297	\$ 9,123
10,001-25K	13	166,803	28	12,831	3.5	2	154	\$ 4,730
25,001-50K	8	295,080	12	36,885	3.5	2	66	\$ 2,027
50,001-75K	1	71,963	5	71,963	3.5	2	28	\$ 845
75,001-100K	-	-	-	-	3.5	2	-	\$ -
100,001-500K	1	203,000	5	203,000	3.5	2	28	\$ 845
500,001-1M	-	-	-	N/A	3.5	2	-	\$ -
Over 1M	-	-	-	N/A	3.5	2	-	\$ -
<b>Total</b>	<b>18,839</b>	<b>6,337,794</b>	<b>577</b>				<b>3,174</b>	<b>\$ 97,481</b>

Notes: Burden estimates take into account the results of the February 2008 consultation with water industry representatives.

Assumptions: [1] Based on actual exceedances between 2003 and 2007 from LCR STR, Exhibit H.2.

[2] Derived from STR updated to 2007

[3] From Exhibit H.6 of the STR EA

**Exhibit 34 - Summary of Public Education Burden and Costs**

<b>Size Category</b>	<b>Total Systems</b>	<b>Total Annual O&amp;M Cost</b>	<b>Total Annual System Burden</b>	<b>Total Annual Labor Cost</b>
<100	22,804	\$ 32,891	10,058	\$ 308,966
101-500	23,212	\$ 74,674	9,322	\$ 286,336
501-1K	7,597	\$ 66,647	4,303	\$ 132,187
1,001-3.3K	9,155	\$ 202,790	5,322	\$ 163,474
3,301-10K	4,997	\$ 419,335	13,735	\$ 421,916
10,001-25K	2,230	\$ 578,648	8,480	\$ 260,496
25,001-50K	1,007	\$ 524,517	5,325	\$ 163,561
50,001-75K	376	\$ 377,989	2,728	\$ 83,784
75,001-100K	159	\$ 213,103	1,528	\$ 46,949
100,001-500K	351	\$ 1,147,136	6,079	\$ 186,722
500,001-1M	35	\$ 848,175	3,198	\$ 98,232
Over 1M	20	\$ 2,359,509	8,296	\$ 254,825
<b>Total</b>	<b>71,943</b>	<b>\$ 6,845,414</b>	<b>78,374</b>	<b>\$ 2,407,448</b>

**Exhibit 35 - SYSTEM REPORTING - BURDEN AND COST ASSUMPTIONS**

Size Category	Reporting Burden per Event										Labor Rate	O&M Cost Per Event (Postage)	Self Certification Letter for Customer Notification	O&M Cost for Self Certification Letter
	Tap Sample Letter	Tap Sample Calcs	Move Tap Monitoring Location	Explain Treatment or Source Change <sup>1</sup>	Monitoring Waiver Application	WQP Reporting (Annual)	Source Water Monitoring Letter	Public Education Letter	LSL Letter (Annual)	Partial LSL Letter				
<100	1.5	1.0	3.0	8.0	1.0	5.0	0.5	1.0	0.5	0.5	\$ 30.72	\$ 0.41	0.12	\$0.45
101-500	1.5	1.0	3.0	8.0	1.0	5.0	0.5	1.0	0.5	0.5	\$ 30.72	\$ 0.41	0.12	\$0.45
501-1K	1.5	1.0	3.0	8.0	1.0	5.0	0.5	1.0	0.5	0.5	\$ 30.72	\$ 0.41	0.12	\$0.45
1K-3.3K	1.5	1.0	3.0	8.0	1.0	5.0	0.5	1.0	0.5	0.5	\$ 30.72	\$ 0.41	0.12	\$0.45
3.3K-10K	1.5	1.0	3.0	8.0	N/A	5.0	0.5	1.0	0.5	0.5	\$ 30.72	\$ 0.41	0.12	\$0.45
10K-25K	1.5	1.25	3.0	8.0	N/A	5.0	0.5	1.0	0.5	0.5	\$ 30.72	\$ 0.41	0.12	\$0.45
25K-50K	1.5	1.25	3.0	8.0	N/A	5.0	0.5	1.0	0.5	0.5	\$ 30.72	\$ 0.41	0.12	\$0.45
50K-75K	1.5	1.25	3.0	8.0	N/A	5.0	0.5	1.0	0.5	0.5	\$ 30.72	\$ 0.41	0.12	\$0.45
75K-100K	1.5	1.25	3.0	8.0	N/A	5.0	0.5	1.0	0.5	0.5	\$ 30.72	\$ 0.41	0.12	\$0.45
100K-500K	1.5	1.5	3.0	8.0	N/A	5.0	0.5	1.0	0.5	0.5	\$ 30.72	\$ 0.41	0.12	\$0.45
500K-1M	1.5	1.5	3.0	8.0	N/A	5.0	0.5	1.0	0.5	0.5	\$ 30.72	\$ 0.41	0.12	\$0.45
> 1M	1.5	1.5	3.0	8.0	N/A	5.0	0.5	1.0	0.5	0.5	\$ 30.72	\$ 0.41	0.12	\$0.45

Note: Burden estimates take into account the results of the February 2008 consultation with water industry representatives. 1 changed from 0.5 hours to 8 hours to reflect the change in requirements from the Short Term Revisions to the LCR.

**Exhibit 36 - LABOR RATES**

State Labor Rate           \$42.80

System Labor Rates	
<100	\$30.72
101-500	\$30.72
501-1K	\$30.72
1K-3.3K	\$30.72
3.3K-10K	\$30.72
10K-25K	\$30.72
25K-50K	\$30.72
50K-75K	\$30.72
75K-100K	\$30.72
100K-500K	\$30.72
500K-1M	\$30.72
> 1M	\$30.72

**PWS Labor Rate**

Base (Hourly)           \$17.87  
 Load Factor           1.6  
 Inflation Factor       1.07  
 Total                   \$30.72

2006\$ BLS SOC Code 51-8031, "Local Government - Water and Liquid Waste Treatment Plant and System Operators"  
 108.4 ECI December 2007\*  
 100.9 ECI June 2006\*

**State Labor Rate**

Base (Hourly)           \$24.92  
 Load Factor           1.6  
 Inflation Factor       1.07  
 Total                   \$42.80

2006\$ BLS SOC Code 19-2041, "State Government - Environmental Scientists and Specialists, Including Health"  
 108.2 ECI September 2007\*\*  
 100.8 ECI June 2006\*\*

\* Source: Employment Cost Index Historical Listing Current-dollar March 2001 - December 2007, Total Compensation, Not Seasonally Adjusted, Index Number, State & Local Government, All Workers, Table 7.

\*\* Source: Employment Cost Index Historical Listing Current-dollar March 2001 - December 2007, Total Compensation, Not Seasonally Adjusted, Index Number, State & Local Government, Professional & Related, Table 7.



**Exhibit 37 - TAP MONITORING - REPORTING BURDEN AND COST**

Reduced Monitoring - System Performing Calculations																		
Size Category	Number of Systems	Monitoring Events by Year (Representing 9-Year Compliance Cycle)									Summary of Burden and Cost for ICR Period (2008-2011)							
		2008	2009	2010	2011	2012	2013	2014	2015	2016	Total Monitoring Events	Annual Monitoring Events	Total Burden	Annual Burden	Total Labor Cost	Annual Labor Cost	Total O&M Cost	Annual O&M Cost
<100	11,201	7,282	2,298	1,508	7,282	2,298	1,508	8,402	2,298	1,508	11,087	3,696	27,718	9,239	\$ 851,406	\$ 283,802	\$ 4,546	\$ 1,515
101-500	11,457	7,338	2,273	1,450	7,338	2,273	1,450	8,484	2,273	1,450	11,060	3,687	27,650	9,217	\$ 849,333	\$ 283,111	\$ 4,535	\$ 1,512
501-1K	3,754	2,395	738	76	2,395	738	468	2,770	738	468	3,208	1,069	8,020	2,673	\$ 246,353	\$ 82,118	\$ 1,315	\$ 438
1K-3.3K	4,531	2,879	881	153	2,879	881	553	3,332	881	553	3,912	1,304	9,780	3,260	\$ 300,415	\$ 100,138	\$ 1,604	\$ 535
3.3K-10K	2,471	410	174	840	410	174	2,027	410	174	2,027	1,423	474	3,556	1,185	\$ 109,238	\$ 36,413	\$ 583	\$ 194
10K-25K	1,101	185	80	500	185	80	906	185	80	906	764	255	2,101	700	\$ 64,537	\$ 21,512	\$ 313	\$ 104
25K-50K	498	83	36	255	83	36	409	83	36	409	374	125	1,027	342	\$ 31,550	\$ 10,517	\$ 153	\$ 51
50K-75K	186	6	189	6	6	189	6	6	189	6	201	67	551	184	\$ 16,937	\$ 5,646	\$ 82	\$ 27
75K-100K	79	2	80	2	2	80	2	2	80	2	84	28	230	77	\$ 7,053	\$ 2,351	\$ 34	\$ 11
100K-500K	173	5	176	5	5	176	5	5	176	5	186	62	557	186	\$ 17,094	\$ 5,698	\$ 76	\$ 25
500K-1M	17	1	18	1	1	18	1	1	18	1	20	7	59	20	\$ 1,797	\$ 599	\$ 8	\$ 3
> 1M	10	1	10	1	1	10	1	1	10	1	12	4	36	12	\$ 1,106	\$ 369	\$ 5	\$ 2
Total	35,475	20,585	6,948	4,796	20,585	6,948	7,334	23,679	6,948	7,334	32,328	10,776	81,284	27,095	\$ 2,496,819	\$ 832,273	\$ 13,254	\$ 4,418
Reduced Monitoring - State Performing Calculations																		
Size Category	Number of Systems	Monitoring Events by Year (Representing 9-Year Compliance Cycle)									Summary of Burden and Cost for ICR Period (2008-2011)							
		2008	2009	2010	2011	2012	2013	2014	2015	2016	Total Monitoring Events	Annual Monitoring Events	Total Burden	Annual Burden	Total Labor Cost	Annual Labor Cost	Total O&M Cost	Annual O&M Cost
<100	11,201	7,282	2,298	1,508	7,282	2,298	1,508	8,402	2,298	1,508	11,087	3,696	16,631	5,544	\$ 510,844	\$ 170,281	\$ 4,546	\$ 1,515
101-500	11,457	7,338	2,273	1,450	7,338	2,273	1,450	8,484	2,273	1,450	11,060	3,687	16,590	5,530	\$ 509,600	\$ 169,867	\$ 4,535	\$ 1,512
501-1K	3,754	2,395	738	76	2,395	738	468	2,770	738	468	3,208	1,069	4,812	1,604	\$ 147,812	\$ 49,271	\$ 1,315	\$ 438
1K-3.3K	4,531	2,879	881	153	2,879	881	553	3,332	881	553	3,912	1,304	5,868	1,956	\$ 180,249	\$ 60,083	\$ 1,604	\$ 535
3.3K-10K	2,471	410	174	840	410	174	2,027	410	174	2,027	1,423	474	2,134	711	\$ 65,543	\$ 21,848	\$ 583	\$ 194
10K-25K	1,101	185	80	500	185	80	906	185	80	906	764	255	1,146	382	\$ 35,202	\$ 11,734	\$ 313	\$ 104
25K-50K	498	83	36	255	83	36	409	83	36	409	374	125	560	187	\$ 17,209	\$ 5,736	\$ 153	\$ 51
50K-75K	186	6	189	6	6	189	6	6	189	6	201	67	301	100	\$ 9,238	\$ 3,079	\$ 82	\$ 27
75K-100K	79	2	80	2	2	80	2	2	80	2	84	28	125	42	\$ 3,847	\$ 1,282	\$ 34	\$ 11
100K-500K	173	5	176	5	5	176	5	5	176	5	186	62	278	93	\$ 8,547	\$ 2,849	\$ 76	\$ 25
500K-1M	17	1	18	1	1	18	1	1	18	1	20	7	29	10	\$ 898	\$ 299	\$ 8	\$ 3
> 1M	10	1	10	1	1	10	1	1	10	1	12	4	18	6	\$ 553	\$ 184	\$ 5	\$ 2
Total	35,475	20,585	6,948	4,796	20,585	6,948	7,334	23,679	6,948	7,334	32,328	10,776	48,492	16,164	\$ 1,489,542	\$ 496,514	\$ 13,254	\$ 4,418
Totals																		
Size Category	Number of Systems	Monitoring Events by Year (Representing 9-Year Compliance Cycle)									Summary of Burden and Cost for ICR Period (2008-2011)							
		2008	2009	2010	2011	2012	2013	2014	2015	2016	Total Monitoring Events	Annual Monitoring Events	Total Burden	Annual Burden	Total Labor Cost	Annual Labor Cost	Total O&M Cost	Annual O&M Cost
<100	22,402	14,563	4,595	3,016	14,563	4,595	3,016	16,803	4,595	3,016	22,174	7,391	44,348	14,783	\$ 1,362,250	\$ 454,083	\$ 9,091	\$ 3,030
101-500	22,914	14,676	4,545	2,899	14,676	4,545	2,899	16,968	4,545	2,899	22,120	7,373	44,240	14,747	\$ 1,358,932	\$ 452,977	\$ 9,069	\$ 3,023
501-1K	7,507	4,789	1,475	152	4,789	1,475	935	5,540	1,475	935	6,416	2,139	12,832	4,277	\$ 394,164	\$ 131,388	\$ 2,631	\$ 877
1K-3.3K	9,061	5,757	1,762	305	5,757	1,762	1,106	6,663	1,762	1,106	7,824	2,608	15,648	5,216	\$ 480,664	\$ 160,221	\$ 3,208	\$ 1,069
3.3K-10K	4,942	819	347	1,679	819	347	4,053	819	347	4,053	2,845	948	5,690	1,897	\$ 174,781	\$ 58,260	\$ 1,166	\$ 389
10K-25K	2,201	369	159	1,000	369	159	1,811	369	159	1,811	1,528	509	3,247	1,082	\$ 99,739	\$ 33,246	\$ 626	\$ 209
25K-50K	995	166	71	510	166	71	817	166	71	817	747	249	1,587	529	\$ 48,760	\$ 16,253	\$ 306	\$ 102
50K-75K	371	12	377	12	12	377	12	12	377	12	401	134	852	284	\$ 26,175	\$ 8,725	\$ 164	\$ 55
75K-100K	157	4	159	4	4	159	4	4	159	4	167	56	355	118	\$ 10,901	\$ 3,634	\$ 68	\$ 23
100K-500K	346	10	351	10	10	351	10	10	351	10	371	124	835	278	\$ 25,641	\$ 8,547	\$ 152	\$ 51
500K-1M	34	2	35	2	2	35	2	2	35	2	39	13	88	29	\$ 2,695	\$ 898	\$ 16	\$ 5
> 1M	19	2	20	2	2	20	2	2	20	2	24	8	54	18	\$ 1,659	\$ 553	\$ 10	\$ 3
Total	70,949	41,169	13,896	9,591	41,169	13,896	14,667	47,358	13,896	14,667	64,656	21,552	129,776	43,259	\$ 3,986,361	\$ 1,328,787	\$ 26,509	\$ 8,836

**Exhibit 38 - CERTIFYING CUSTOMER NOTIFICATION OF SAMPLING - REPORTING BURDEN AND COST - CWSs**

Totals																		
Size Category	Number of Systems	Reporting Events by Year (Representing 9-Year Compliance Cycle)										Summary of Burden and Cost for ICR Period (2008-2011)						
		2008	2009	2010	2011	2012	2013	2014	2015	2016	Total Reporting	Annual Reporting	Total Burden	Annual Burden	Total Labor Cost	Annual Labor	Total O&M Cost	Annual O&M Cost
		<100	13,455	6,078	6,078	6,078	6,078	6,078	6,078	6,078	6,078	6,078	18,235	6,078	2,188	729	\$ 67,215	\$ 22,405
101-500	16,167	7,275	7,275	7,275	7,275	7,275	7,275	7,275	7,275	7,275	21,826	7,275	2,619	873	\$ 80,451	\$ 26,817	\$ 9,822	\$ 3,274
501-1K	5,733	2,552	2,552	2,552	2,552	2,552	2,552	2,552	2,552	2,552	7,657	2,552	919	306	\$ 28,226	\$ 9,409	\$ 3,446	\$ 1,149
1K-3.3K	8,306	3,695	3,695	3,695	3,695	3,695	3,695	3,695	3,695	3,695	11,086	3,695	1,330	443	\$ 40,865	\$ 13,622	\$ 4,989	\$ 1,663
3.3K-10K	4,876	2,206	2,206	2,206	2,206	2,206	2,206	2,206	2,206	2,206	6,617	2,206	794	265	\$ 24,390	\$ 8,130	\$ 2,978	\$ 993
10K-25K	2,216	1,008	1,008	1,008	1,008	1,008	1,008	1,008	1,008	1,008	3,023	1,008	363	121	\$ 11,144	\$ 3,715	\$ 1,361	\$ 454
25K-50K	999	453	453	453	453	453	453	453	453	453	1,360	453	163	54	\$ 5,013	\$ 1,671	\$ 612	\$ 204
50K-75K	375	171	171	171	171	171	171	171	171	171	513	171	62	21	\$ 1,890	\$ 630	\$ 231	\$ 77
75K-100K	159	72	72	72	72	72	72	72	72	72	217	72	26	9	\$ 799	\$ 266	\$ 98	\$ 33
100K-500K	350	162	162	162	162	162	162	162	162	162	485	162	58	19	\$ 1,789	\$ 596	\$ 218	\$ 73
500K-1M	35	17	17	17	17	17	17	17	17	17	50	17	6	2	\$ 184	\$ 61	\$ 22	\$ 7
> 1M	20	11	11	11	11	11	11	11	11	11	32	11	4	1	\$ 117	\$ 39	\$ 14	\$ 5
<b>Total</b>	<b>52,691</b>	<b>23,700</b>	<b>23,700</b>	<b>23,700</b>	<b>23,700</b>	<b>23,700</b>	<b>23,700</b>	<b>23,700</b>	<b>23,700</b>	<b>23,700</b>	<b>71,101</b>	<b>23,700</b>	<b>8,532</b>	<b>2,844</b>	<b>\$ 262,083</b>	<b>\$ 87,361</b>	<b>\$ 31,995</b>	<b>\$ 10,665</b>

**CERTIFYING CUSTOMER NOTIFICATION OF SAMPLING - REPORTING BURDEN AND COST - NTCWSs**

Totals																		
Size Category	Number of Systems	Reporting Events by Year (Representing 9-Year Compliance Cycle)										Summary of Burden and Cost for ICR Period (2008-2011)						
		2008	2009	2010	2011	2012	2013	2014	2015	2016	Total Reporting	Annual Reporting	Total Burden	Annual Burden	Total Labor Cost	Annual Labor	Total O&M Cost	Annual O&M Cost
		<100	9,349	6,078	6,078	6,078	6,078	6,078	6,078	6,078	6,078	6,078	18,235	6,078	2,188	729	\$ 67,215	\$ 22,405
101-500	7,045	7,275	7,275	7,275	7,275	7,275	7,275	7,275	7,275	7,275	21,826	7,275	2,619	873	\$ 80,451	\$ 26,817	\$ 9,822	\$ 3,274
501-1K	1,864	2,552	2,552	2,552	2,552	2,552	2,552	2,552	2,552	2,552	7,657	2,552	919	306	\$ 28,226	\$ 9,409	\$ 3,446	\$ 1,149
1K-3.3K	849	3,695	3,695	3,695	3,695	3,695	3,695	3,695	3,695	3,695	11,086	3,695	1,330	443	\$ 40,865	\$ 13,622	\$ 4,989	\$ 1,663
3.3K-10K	121	2,206	2,206	2,206	2,206	2,206	2,206	2,206	2,206	2,206	6,617	2,206	794	265	\$ 24,390	\$ 8,130	\$ 2,978	\$ 993
10K-25K	13	1,008	1,008	1,008	1,008	1,008	1,008	1,008	1,008	1,008	3,023	1,008	363	121	\$ 11,144	\$ 3,715	\$ 1,361	\$ 454
25K-50K	8	453	453	453	453	453	453	453	453	453	1,360	453	163	54	\$ 5,013	\$ 1,671	\$ 612	\$ 204
50K-75K	2	171	171	171	171	171	171	171	171	171	513	171	62	21	\$ 1,890	\$ 630	\$ 231	\$ 77
75K-100K	-	72	72	72	72	72	72	72	72	72	217	72	26	9	\$ 799	\$ 266	\$ 98	\$ 33
100K-500K	1	162	162	162	162	162	162	162	162	162	485	162	58	19	\$ 1,789	\$ 596	\$ 218	\$ 73
500K-1M	-	17	17	17	17	17	17	17	17	17	50	17	6	2	\$ 184	\$ 61	\$ 22	\$ 7
> 1M	-	11	11	11	11	11	11	11	11	11	32	11	4	1	\$ 117	\$ 39	\$ 14	\$ 5
<b>Total</b>	<b>19,252</b>	<b>23,700</b>	<b>23,700</b>	<b>23,700</b>	<b>23,700</b>	<b>23,700</b>	<b>23,700</b>	<b>23,700</b>	<b>23,700</b>	<b>23,700</b>	<b>71,101</b>	<b>23,700</b>	<b>8,532</b>	<b>2,844</b>	<b>\$ 262,083</b>	<b>\$ 87,361</b>	<b>\$ 31,995</b>	<b>\$ 10,665</b>

**Exhibit 39 - MOVING TAP MONITORING LOCATION - REPORTING BURDEN AND COST**

Totals																		
Size Category	Number of Systems	Reporting Events by Year (Representing 9-Year Compliance Cycle)									Summary of Burden and Cost for ICR Period (2008-2011)							
		2008	2009	2010	2011	2012	2013	2014	2015	2016	Total Reporting Events	Annual Reporting Events	Total Burden	Annual Burden	Total Labor Cost	Annual Labor Cost	Total O&M Cost	Annual O&M Cost
		<100	13,270	4,260	1,323	849	4,260	1,323	849	4,924	1,323	849	6,431	2,144	19,293	6,431	\$ 592,628	\$ 197,543
101-500	16,012	5,075	1,550	969	5,075	1,550	969	5,876	1,550	969	7,594	2,531	22,781	7,594	\$ 699,755	\$ 233,252	\$ -	\$ -
501-1K	5,678	1,799	550	344	1,799	550	344	2,083	550	344	2,692	897	8,076	2,692	\$ 248,073	\$ 82,691	\$ -	\$ -
1K-3.3K	8,228	2,607	795	496	2,607	795	496	3,018	795	496	3,898	1,299	11,693	3,898	\$ 359,162	\$ 119,721	\$ -	\$ -
3.3K-10K	4,822	400	170	1,978	400	170	1,978	400	170	1,978	2,547	849	7,640	2,547	\$ 234,665	\$ 78,222	\$ -	\$ -
10K-25K	2,188	184	80	901	184	80	901	184	80	901	1,164	388	3,491	1,164	\$ 107,219	\$ 35,740	\$ -	\$ -
25K-50K	987	83	36	406	83	36	406	83	36	406	524	175	1,571	524	\$ 48,241	\$ 16,080	\$ -	\$ -
50K-75K	370	5	188	5	5	188	5	5	188	5	198	66	593	198	\$ 18,200	\$ 6,067	\$ -	\$ -
75K-100K	157	2	80	2	2	80	2	2	80	2	84	28	251	84	\$ 7,695	\$ 2,565	\$ -	\$ -
100K-500K	345	5	175	5	5	175	5	5	175	5	185	62	555	185	\$ 17,048	\$ 5,683	\$ -	\$ -
500K-1M	34	1	18	1	1	18	1	1	18	1	20	7	59	20	\$ 1,797	\$ 599	\$ -	\$ -
> 1M	19	1	10	1	1	10	1	1	10	1	12	4	36	12	\$ 1,106	\$ 369	\$ -	\$ -
<b>Total</b>	<b>52,110</b>	<b>14,420</b>	<b>4,971</b>	<b>5,954</b>	<b>14,420</b>	<b>4,971</b>	<b>5,954</b>	<b>16,580</b>	<b>4,971</b>	<b>5,954</b>	<b>25,345</b>	<b>8,448</b>	<b>76,035</b>	<b>25,345</b>	<b>\$ 2,335,588</b>	<b>\$ 778,529</b>	<b>\$ -</b>	<b>\$ -</b>

**Exhibit 40 - EXPLANATION OF CHANGES IN TREATMENT TYPE OR ADDITION OF A NEW SOURCE - REPORTING BURDEN AND COST**

Totals																		
Size Category	Number of Systems	Reporting Events by Year (Representing 9-Year Compliance Cycle)									Summary of Burden and Cost for ICR Period (2008-2011)							
		2008	2009	2010	2011	2012	2013	2014	2015	2016	Total Reporting Events	Annual Reporting Events	Total Burden	Annual Burden	Total Labor Cost	Annual Labor Cost	Total O&M Cost	Annual O&M Cost
		<100	448	291	92	60	291	92	60	336	92	60	443	148	3,544	1,181	\$ 108,862	\$ 36,287
101-500	458	294	91	58	294	91	58	339	91	58	443	148	3,544	1,181	\$ 108,862	\$ 36,287	\$ -	\$ -
501-1K	150	96	30	3	96	30	19	111	30	19	129	43	1,032	344	\$ 31,700	\$ 10,567	\$ -	\$ -
1K-3.3K	181	115	35	6	115	35	22	133	35	22	156	52	1,248	416	\$ 38,335	\$ 12,778	\$ -	\$ -
3.3K-10K	99	16	7	34	16	7	81	16	7	81	57	19	456	152	\$ 14,007	\$ 4,669	\$ -	\$ -
10K-25K	44	7	3	20	7	3	36	7	3	36	30	10	240	80	\$ 7,372	\$ 2,457	\$ -	\$ -
25K-50K	20	3	1	10	3	1	16	3	1	16	14	5	112	37	\$ 3,440	\$ 1,147	\$ -	\$ -
50K-75K	7	-	8	-	-	8	-	-	8	-	8	3	64	21	\$ 1,966	\$ 655	\$ -	\$ -
75K-100K	3	-	3	-	-	3	-	-	3	-	3	1	24	8	\$ 737	\$ 246	\$ -	\$ -
100K-500K	7	-	7	-	-	7	-	-	7	-	7	2	56	19	\$ 1,720	\$ 573	\$ -	\$ -
500K-1M	1	-	1	-	-	1	-	-	1	-	1	0	8	3	\$ 246	\$ 82	\$ -	\$ -
> 1M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
<b>Total</b>	<b>1,418</b>	<b>822</b>	<b>278</b>	<b>191</b>	<b>822</b>	<b>278</b>	<b>292</b>	<b>945</b>	<b>278</b>	<b>292</b>	<b>1,291</b>	<b>430</b>	<b>10,328</b>	<b>3,443</b>	<b>\$ 317,248</b>	<b>\$ 105,749</b>	<b>\$ -</b>	<b>\$ -</b>

**Exhibit 41 - WAIVER REQUESTS - REPORTING BURDEN AND COST**

Totals																		
Size Category	Number of Systems	Requests by Year (Representing 9-Year Compliance Cycle)									Summary of Burden and Cost for ICR Period (2008-2011)							
		2008	2009	2010	2011	2012	2013	2014	2015	2016	Total Reporting Events	Annual Reporting Events	Total Burden	Annual Burden	Total Labor Cost	Annual Labor Cost	Total O&M Cost	Annual O&M Cost
		<100	2,240	-	-	-	-	-	2,240	-	-	-	-	-	-	-	-	-
101-500	2,291	-	-	-	-	-	2,291	-	-	-	-	-	-	-	-	-	-	
501-1K	751	-	-	-	-	-	751	-	-	-	-	-	-	-	-	-	-	
1K-3.3K	906	-	-	-	-	-	906	-	-	-	-	-	-	-	-	-	-	
3.3K-10K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
10K-25K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
25K-50K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
50K-75K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
75K-100K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
100K-500K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
500K-1M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
> 1M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
<b>Total</b>	<b>6,188</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>6,188</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	

**Exhibit 42 - WQP MONITORING - REPORTING BURDEN AND COST**

Totals																		
Size Category	Number of Systems	Reporting Events by Year (Representing 9-Year Compliance Cycle)									Summary of Burden and Cost for ICR Period (2008-2011)							
		2008	2009	2010	2011	2012	2013	2014	2015	2016	Total Reporting Events	Annual Reporting Events	Total Burden	Annual Burden	Total Labor Cost	Annual Labor Cost	Total O&M Cost	Annual O&M Cost
		<100	804	804	804	804	804	804	804	804	804	804	2,412	804	12,060	4,020	\$ 370,450	\$ 123,483
101-500	598	598	598	598	598	598	598	598	598	598	1,794	598	8,970	2,990	\$ 275,534	\$ 91,845	\$ 736	\$ 245
501-1K	178	178	178	178	178	178	178	178	178	178	534	178	2,670	890	\$ 82,015	\$ 27,338	\$ 219	\$ 73
1K-3.3K	188	188	188	188	188	188	188	188	188	188	564	188	2,820	940	\$ 86,623	\$ 28,874	\$ 231	\$ 77
3.3K-10K	110	110	110	110	110	110	110	110	110	110	330	110	1,650	550	\$ 50,683	\$ 16,894	\$ 135	\$ 45
10K-25K	56	56	56	56	56	56	56	56	56	56	168	56	840	280	\$ 25,803	\$ 8,601	\$ 69	\$ 23
25K-50K	24	24	24	24	24	24	24	24	24	24	72	24	360	120	\$ 11,058	\$ 3,686	\$ 30	\$ 10
50K-75K	223	223	223	223	223	223	223	223	223	223	669	223	3,345	1,115	\$ 102,749	\$ 34,250	\$ 274	\$ 91
75K-100K	112	112	112	112	112	112	112	112	112	112	336	112	1,680	560	\$ 51,605	\$ 17,202	\$ 138	\$ 46
100K-500K	225	225	225	225	225	225	225	225	225	225	675	225	3,375	1,125	\$ 103,671	\$ 34,557	\$ 277	\$ 92
500K-1M	28	28	28	28	28	28	28	28	28	28	84	28	420	140	\$ 12,901	\$ 4,300	\$ 34	\$ 11
> 1M	15	15	15	15	15	15	15	15	15	15	45	15	225	75	\$ 6,911	\$ 2,304	\$ 18	\$ 6
<b>Total</b>	<b>2,561</b>	<b>2,561</b>	<b>2,561</b>	<b>2,561</b>	<b>2,561</b>	<b>2,561</b>	<b>2,561</b>	<b>2,561</b>	<b>2,561</b>	<b>2,561</b>	<b>7,683</b>	<b>2,561</b>	<b>38,415</b>	<b>12,805</b>	<b>\$ 1,180,004</b>	<b>\$ 393,335</b>	<b>\$ 3,150</b>	<b>\$ 1,050</b>

**Exhibit 43 - SOURCE WATER MONITORING - REPORTING BURDEN AND COST**

CWS - Ground Water Systems																		
Size Category	Number of Systems	Monitoring Events by Year (Representing 9-Year Compliance Cycle)									Summary of Burden and Cost for ICR Period (2008-2011)							
		2008	2009	2010	2011	2012	2013	2014	2015	2016	Total Monitoring Events	Annual Monitoring Events	Total Burden	Annual Burden	Total Labor Cost	Annual Labor Cost	Total O&M Cost	Annual O&M Cost
		<100	169	-	-	-	6	-	-	-	-	-	3	1	2	1	\$ 46	\$ 15
101-500	134	-	-	-	4	-	-	-	-	-	2	1	1	0	\$ 31	\$ 10	\$ 1	\$ 0
501-1K	43	-	-	-	1	-	-	-	-	-	1	0	0	0	\$ 8	\$ 3	\$ 0	\$ 0
1K-3.3K	55	-	-	-	2	-	-	-	-	-	1	0	1	0	\$ 15	\$ 5	\$ 0	\$ 0
3.3K-10K	31	-	30	1	-	-	-	-	-	-	31	10	16	5	\$ 476	\$ 159	\$ 13	\$ 4
10K-25K	12	-	12	-	-	-	-	-	-	-	12	4	6	2	\$ 184	\$ 61	\$ 5	\$ 2
25K-50K	4	-	4	-	-	-	-	-	-	-	4	1	2	1	\$ 61	\$ 20	\$ 2	\$ 1
50K-75K	24	2	22	-	-	22	-	-	22	-	23	8	12	4	\$ 353	\$ 118	\$ 9	\$ 3
75K-100K	10	-	10	-	-	10	-	-	10	-	10	3	5	2	\$ 154	\$ 51	\$ 4	\$ 1
100K-500K	23	1	22	-	-	22	-	-	22	-	23	8	11	4	\$ 346	\$ 115	\$ 9	\$ 3
500K-1M	1	-	1	-	-	1	-	-	1	-	1	0	1	0	\$ 15	\$ 5	\$ 0	\$ 0
> 1M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
<b>Total</b>	<b>506</b>	<b>3</b>	<b>101</b>	<b>1</b>	<b>13</b>	<b>55</b>	<b>-</b>	<b>-</b>	<b>55</b>	<b>-</b>	<b>110</b>	<b>37</b>	<b>55</b>	<b>18</b>	<b>\$ 1,689</b>	<b>\$ 563</b>	<b>\$ 45</b>	<b>\$ 15</b>
NTNCWS - Ground Water Systems																		
Size Category	Number of Systems	Monitoring Events by Year (Representing 9-Year Compliance Cycle)									Summary of Burden and Cost for ICR Period (2008-2011)							
		2008	2009	2010	2011	2012	2013	2014	2015	2016	Total Monitoring Events	Annual Monitoring Events	Total Burden	Annual Burden	Total Labor Cost	Annual Labor Cost	Total O&M Cost	Annual O&M Cost
		<100	211	-	-	-	7	-	-	-	-	-	4	1	2	1	\$ 54	\$ 18
101-500	139	-	-	-	5	-	-	-	-	-	3	1	1	0	\$ 38	\$ 13	\$ 1	\$ 0
501-1K	33	-	-	-	1	-	-	-	-	-	1	0	0	0	\$ 8	\$ 3	\$ 0	\$ 0
1K-3.3K	14	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
3.3K-10K	1	-	1	-	-	-	-	-	-	-	1	0	1	0	\$ 15	\$ 5	\$ 0	\$ 0
10K-25K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
25K-50K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
50K-75K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
75K-100K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
100K-500K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
500K-1M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
> 1M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
<b>Total</b>	<b>398</b>	<b>-</b>	<b>1</b>	<b>-</b>	<b>13</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>8</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>\$ 115</b>	<b>\$ 38</b>	<b>\$ 3</b>	<b>\$ 1</b>

**Exhibit 43 - SOURCE WATER MONITORING - REPORTING BURDEN AND COST (cont.)**

<b>CWS - Surface Water Systems</b>																		
Size Category	Number of Systems	Monitoring Events by Year (Representing 9-Year Compliance Cycle)									Summary of Burden and Cost for ICR Period (2008-2011)							
		2008	2009	2010	2011	2012	2013	2014	2015	2016	Total Monitoring Events	Annual Monitoring Events	Total Burden	Annual Burden	Total Labor Cost	Annual Labor Cost	Total O&M Cost	Annual O&M Cost
<100	17	-	-	-	-	-	-	16	-	-	-	-	-	-	-	-	-	-
101-500	21	-	-	-	-	-	-	20	-	-	-	-	-	-	-	-	-	-
501-1K	11	-	-	-	-	-	-	11	-	-	-	-	-	-	-	-	-	-
1K-3.3K	24	-	-	-	-	-	-	23	-	-	-	-	-	-	-	-	-	-
3.3K-10K	23	-	-	-	-	-	1	22	-	-	-	-	-	-	-	-	-	-
10K-25K	16	-	-	-	-	-	1	15	-	-	-	-	-	-	-	-	-	-
25K-50K	7	-	-	-	-	-	-	7	-	-	-	-	-	-	-	-	-	-
50K-75K	41	-	38	-	-	38	-	3	38	-	38	13	19	6	\$ 584	\$ 195	\$ 16	\$ 5
75K-100K	18	-	16	-	-	16	-	2	16	-	16	5	8	3	\$ 246	\$ 82	\$ 7	\$ 2
100K-500K	61	-	57	-	-	57	-	4	57	-	57	19	29	10	\$ 875	\$ 292	\$ 23	\$ 8
500K-1M	4	-	3	-	-	3	-	1	3	-	3	1	2	1	\$ 46	\$ 15	\$ 1	\$ 0
> 1M	3	-	2	-	-	2	-	1	2	-	2	1	1	0	\$ 31	\$ 10	\$ 1	\$ 0
<b>Total</b>	<b>246</b>	<b>-</b>	<b>116</b>	<b>-</b>	<b>-</b>	<b>116</b>	<b>2</b>	<b>125</b>	<b>116</b>	<b>-</b>	<b>116</b>	<b>39</b>	<b>58</b>	<b>19</b>	<b>\$ 1,782</b>	<b>\$ 594</b>	<b>\$ 48</b>	<b>\$ 16</b>
<b>NTNCWS - Surface Water Systems</b>																		
Size Category	Number of Systems	Monitoring Events by Year (Representing 9-Year Compliance Cycle)									Summary of Burden and Cost for ICR Period (2008-2011)							
		2008	2009	2010	2011	2012	2013	2014	2015	2016	Total Monitoring Events	Annual Monitoring Events	Total Burden	Annual Burden	Total Labor Cost	Annual Labor Cost	Total O&M Cost	Annual O&M Cost
<100	6	-	-	-	-	-	-	6	-	-	-	-	-	-	-	-	-	-
101-500	5	-	-	-	-	-	-	5	-	-	-	-	-	-	-	-	-	-
501-1K	2	-	-	-	-	-	-	2	-	-	-	-	-	-	-	-	-	-
1K-3.3K	1	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-
3.3K-10K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
10K-25K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
25K-50K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
50K-75K	1	-	-	-	-	-	-	1	-	-	-	-	-	-	-	-	-	-
75K-100K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
100K-500K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
500K-1M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
> 1M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
<b>Total</b>	<b>15</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>15</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>

Exhibit 43 - SOURCE WATER MONITORING - REPORTING BURDEN AND COST (cont.)

Totals																		
Size Category	Number of Systems	Monitoring Events by Year (Representing 9-Year Compliance Cycle)									Summary of Burden and Cost for ICR Period (2008-2011)							
		2008	2009	2010	2011	2012	2013	2014	2015	2016	Total Monitoring Events	Annual Monitoring Events	Total Burden	Annual Burden	Total Labor Cost	Annual Labor Cost	Total O&M Cost	Annual O&M Cost
<100	403	-	-	-	13	-	-	22	-	-	7	2	3	1	100	33	3	1
101-500	299	-	-	-	9	-	-	25	-	-	5	2	2	1	69	23	2	1
501-1K	89	-	-	-	2	-	-	13	-	-	1	0	1	15	5	0	0	
1K-3.3K	94	-	-	-	2	-	-	24	-	-	1	0	1	15	5	0	0	
3.3K-10K	55	-	31	1	-	-	1	22	-	-	32	11	16	5	491	164	13	4
10K-25K	28	-	12	-	-	-	1	15	-	-	12	4	6	2	184	61	5	2
25K-50K	11	-	4	-	-	-	-	7	-	-	4	1	2	1	61	20	2	1
50K-75K	66	2	60	-	-	60	-	4	60	-	61	20	31	10	937	312	25	8
75K-100K	28	-	26	-	-	26	-	2	26	-	26	9	13	4	399	133	11	4
100K-500K	84	1	79	-	-	79	-	4	79	-	80	27	40	13	1,221	407	33	11
500K-1M	5	-	4	-	-	4	-	1	4	-	4	1	2	1	61	20	2	1
> 1M	3	-	2	-	-	2	-	1	2	-	2	1	1	0	31	10	1	0
<b>Total</b>	<b>904</b>	<b>3</b>	<b>102</b>	<b>1</b>	<b>26</b>	<b>55</b>	<b>-</b>	<b>-</b>	<b>55</b>	<b>-</b>	<b>118</b>	<b>39</b>	<b>59</b>	<b>20</b>	<b>\$ 1,805</b>	<b>\$ 602</b>	<b>\$ 48</b>	<b>\$ 16</b>

**Exhibit 44 - ANNUAL LEAD SERVICE LINE REPLACEMENT LETTER - REPORTING BURDEN AND COST**

Totals																		
Size Category	Number of Systems	Reporting Events by Year (Representing 9-Year Compliance Cycle)									Summary of Burden and Cost for ICR Period (2008-2011)							
		2008	2009	2010	2011	2012	2013	2014	2015	2016	Total Reporting Events	Annual Reporting Events	Total Burden	Annual Burden	Total Labor Cost	Annual Labor Cost	Total O&M Cost	Annual O&M Cost
		<100	123	123	123	123	123	123	123	123	123	123	369	123	185	62	\$ 5,667	\$ 1,889
101-500	179	179	179	179	179	179	179	179	179	179	537	179	269	90	\$ 8,248	\$ 2,749	\$ 220	\$ 73
501-1K	119	119	119	119	119	119	119	119	119	119	357	119	179	60	\$ 5,483	\$ 1,828	\$ 146	\$ 49
1K-3.3K	171	171	171	171	171	171	171	171	171	171	513	171	257	86	\$ 7,879	\$ 2,626	\$ 210	\$ 70
3.3K-10K	89	89	89	89	89	89	89	89	89	89	267	89	134	45	\$ 4,101	\$ 1,367	\$ 109	\$ 36
10K-25K	42	42	42	42	42	42	42	42	42	42	126	42	63	21	\$ 1,935	\$ 645	\$ 52	\$ 17
25K-50K	19	19	19	19	19	19	19	19	19	19	57	19	29	10	\$ 875	\$ 292	\$ 23	\$ 8
50K-75K	7	7	7	7	7	7	7	7	7	7	21	7	11	4	\$ 323	\$ 108	\$ 9	\$ 3
75K-100K	3	3	3	3	3	3	3	3	3	3	9	3	5	2	\$ 138	\$ 46	\$ 4	\$ 1
100K-500K	9	9	9	9	9	9	9	9	9	9	27	9	14	5	\$ 415	\$ 138	\$ 11	\$ 4
500K-1M	1	1	1	1	1	1	1	1	1	1	3	1	2	1	\$ 46	\$ 15	\$ 1	\$ 0
> 1M	1	1	1	1	1	1	1	1	1	1	3	1	2	1	\$ 46	\$ 15	\$ 1	\$ 0
<b>Total</b>	<b>763</b>	<b>763</b>	<b>763</b>	<b>763</b>	<b>763</b>	<b>763</b>	<b>763</b>	<b>763</b>	<b>763</b>	<b>763</b>	<b>2,289</b>	<b>763</b>	<b>1,145</b>	<b>382</b>	<b>\$ 35,156</b>	<b>\$ 11,719</b>	<b>\$ 938</b>	<b>\$ 313</b>

**Exhibit 45 - PARTIAL LEAD SERVICE LINE REPLACEMENT LETTER - REPORTING BURDEN AND COST**

Totals																		
Size Category	Number of Systems	Reporting Events by Year (Representing 9-Year Compliance Cycle)									Summary of Burden and Cost for ICR Period (2008-2011)							
		2008	2009	2010	2011	2012	2013	2014	2015	2016	Total Reporting Events	Annual Reporting Events	Total Burden	Annual Burden	Total Labor Cost	Annual Labor Cost	Total O&M Cost	Annual O&M Cost
		<100	92	830	830	830	830	830	830	830	830	830	2,491	830	1,245	415	\$ 38,255	\$ 12,752
101-500	134	1,208	1,208	1,208	1,208	1,208	1,208	1,208	1,208	1,208	3,625	1,208	1,812	604	\$ 55,671	\$ 18,557	\$ 1,486	\$ 495
501-1K	89	803	803	803	803	803	803	803	803	803	2,410	803	1,205	402	\$ 37,010	\$ 12,337	\$ 988	\$ 329
1K-3.3K	128	1,154	1,154	1,154	1,154	1,154	1,154	1,154	1,154	1,154	3,463	1,154	1,731	577	\$ 53,183	\$ 17,728	\$ 1,420	\$ 473
3.3K-10K	67	601	601	601	601	601	601	601	601	601	1,802	601	901	300	\$ 27,680	\$ 9,227	\$ 739	\$ 246
10K-25K	32	284	284	284	284	284	284	284	284	284	851	284	425	142	\$ 13,063	\$ 4,354	\$ 349	\$ 116
25K-50K	14	128	128	128	128	128	128	128	128	128	385	128	192	64	\$ 5,909	\$ 1,970	\$ 158	\$ 53
50K-75K	5	47	47	47	47	47	47	47	47	47	142	47	71	24	\$ 2,177	\$ 726	\$ 58	\$ 19
75K-100K	2	20	20	20	20	20	20	20	20	20	61	20	30	10	\$ 933	\$ 311	\$ 25	\$ 8
100K-500K	7	61	61	61	61	61	61	61	61	61	182	61	91	30	\$ 2,799	\$ 933	\$ 75	\$ 25
500K-1M	1	7	7	7	7	7	7	7	7	7	20	7	10	3	\$ 311	\$ 104	\$ 8	\$ 3
> 1M	1	7	7	7	7	7	7	7	7	7	20	7	10	3	\$ 311	\$ 104	\$ 8	\$ 3
<b>Total</b>	<b>572</b>	<b>5,150</b>	<b>5,150</b>	<b>5,150</b>	<b>5,150</b>	<b>5,150</b>	<b>5,150</b>	<b>5,150</b>	<b>5,150</b>	<b>5,150</b>	<b>15,451</b>	<b>5,150</b>	<b>7,725</b>	<b>2,575</b>	<b>\$ 237,302</b>	<b>\$ 79,101</b>	<b>\$ 6,335</b>	<b>\$ 2,112</b>



**Exhibit 46 - PUBLIC EDUCATION - REPORTING BURDEN AND COST**

Totals																		
Size Category	Number of Systems	Reporting Events by Year (Representing 9-Year Compliance Cycle)									Summary of Burden and Cost for ICR Period (2008-2011)							
		2008	2009	2010	2011	2012	2013	2014	2015	2016	Total Reporting Events	Annual Reporting Events	Total Burden	Annual Burden	Total Labor Cost	Annual Labor Cost	Total O&M Cost	Annual O&M Cost
		<100	402	402	402	402	402	402	402	402	402	402	1,206	402	1,206	402	\$ 37,045	\$ 12,348
101-500	298	298	298	298	298	298	298	298	298	298	894	298	894	298	\$ 27,461	\$ 9,154	\$ 367	\$ 122
501-1K	90	90	90	90	90	90	90	90	90	90	270	90	270	90	\$ 8,294	\$ 2,765	\$ 111	\$ 37
1K-3.3K	94	94	94	94	94	94	94	94	94	94	282	94	282	94	\$ 8,662	\$ 2,887	\$ 116	\$ 39
3.3K-10K	55	55	55	55	55	55	55	55	55	55	165	55	165	55	\$ 5,068	\$ 1,689	\$ 68	\$ 23
10K-25K	29	29	29	29	29	29	29	29	29	29	87	29	87	29	\$ 2,672	\$ 891	\$ 36	\$ 12
25K-50K	12	12	12	12	12	12	12	12	12	12	36	12	36	12	\$ 1,106	\$ 369	\$ 15	\$ 5
50K-75K	5	5	5	5	5	5	5	5	5	5	15	5	15	5	\$ 461	\$ 154	\$ 6	\$ 2
75K-100K	2	2	2	2	2	2	2	2	2	2	6	2	6	2	\$ 184	\$ 61	\$ 2	\$ 1
100K-500K	5	5	5	5	5	5	5	5	5	5	15	5	15	5	\$ 461	\$ 154	\$ 6	\$ 2
500K-1M	1	1	1	1	1	1	1	1	1	1	3	1	3	1	\$ 92	\$ 31	\$ 1	\$ 0
> 1M	1	1	1	1	1	1	1	1	1	1	3	1	3	1	\$ 92	\$ 31	\$ 1	\$ 0
<b>Total</b>	<b>994</b>	<b>994</b>	<b>994</b>	<b>994</b>	<b>994</b>	<b>994</b>	<b>994</b>	<b>994</b>	<b>994</b>	<b>994</b>	<b>2,982</b>	<b>994</b>	<b>2,982</b>	<b>994</b>	<b>\$ 91,599</b>	<b>\$ 30,533</b>	<b>\$ 1,223</b>	<b>\$ 408</b>

**Exhibit 47 - REPORTING BURDEN AND COST SUMMARY**

Totals																		
Size Category	Number of Systems	Reporting Events by Year (Representing 9-Year Compliance Cycle)									Summary of Burden and Cost for ICR Period (2008-2011)							
		2008	2009	2010	2011	2012	2013	2014	2015	2016	Total Reporting Events	Annual Reporting Events	Total Burden	Annual Burden	Total Labor Cost	Annual Labor Cost	Total O&M Cost	Annual O&M Cost
		<100	22,402	21,273	8,169	6,084	21,286	8,169	8,324	24,244	8,169	6,084	35,532	11,844	81,884	27,295	\$ 2,515,257	\$ 838,419
101-500	22,914	22,328	8,469	6,209	22,337	8,469	8,500	25,491	8,469	6,209	37,011	12,337	82,512	27,504	\$ 2,534,532	\$ 844,844	\$ 11,879	\$ 3,960
501-1K	7,507	7,874	3,245	1,689	7,876	3,245	3,238	8,937	3,245	2,488	12,809	4,270	26,264	8,755	\$ 806,755	\$ 268,918	\$ 4,095	\$ 1,365
1K-3.3K	9,061	10,086	4,199	2,414	10,088	4,199	4,137	11,445	4,199	3,231	16,700	5,567	33,679	11,226	\$ 1,034,523	\$ 344,841	\$ 5,185	\$ 1,728
3.3K-10K	4,942	2,089	1,409	4,546	2,089	1,378	6,967	2,111	1,378	6,966	8,045	2,682	16,651	5,550	\$ 511,477	\$ 170,492	\$ 2,231	\$ 744
10K-25K	2,201	970	664	2,331	970	652	3,159	985	652	3,158	3,965	1,322	8,399	2,800	\$ 257,987	\$ 85,996	\$ 1,136	\$ 379
25K-50K	995	435	295	1,109	435	291	1,422	442	291	1,422	1,838	613	3,889	1,296	\$ 119,452	\$ 39,817	\$ 533	\$ 178
50K-75K	371	301	915	299	299	915	299	303	915	299	1,514	505	4,981	1,660	\$ 152,987	\$ 50,996	\$ 537	\$ 179
75K-100K	157	143	405	143	143	405	143	145	405	143	691	230	2,363	788	\$ 72,593	\$ 24,198	\$ 248	\$ 83
100K-500K	346	316	912	315	315	912	315	319	912	315	1,542	514	4,980	1,660	\$ 152,976	\$ 50,992	\$ 553	\$ 184
500K-1M	34	40	94	40	40	94	40	41	94	40	174	58	591	197	\$ 18,150	\$ 6,050	\$ 63	\$ 21
> 1M	19	27	56	27	27	56	27	28	56	27	109	36	331	110	\$ 10,156	\$ 3,385	\$ 40	\$ 13
<b>Total</b>	<b>70,949</b>	<b>65,882</b>	<b>28,831</b>	<b>25,205</b>	<b>65,905</b>	<b>28,784</b>	<b>36,572</b>	<b>74,491</b>	<b>28,784</b>	<b>30,381</b>	<b>119,930</b>	<b>39,977</b>	<b>266,523</b>	<b>88,841</b>	<b>\$ 8,186,844</b>	<b>\$ 2,728,948</b>	<b>\$ 38,251</b>	<b>\$ 12,750</b>

Exhibit 48 - STATE REVIEW - BURDEN AND COST ASSUMPTIONS

Size Category	Review Burden per Event										Labor Rate	O&M Cost Per Event (Postage)	Review of Self Certification Letter	Burden for Consulting on Public Education and Reviewing Notification Letters
	Tap Sample Letter	Tap Sample Calcs.	Move Tap Monitoring Location	Explain Treatment or Source Change <sup>1</sup>	Monitoring Waiver Application	WQP Monitoring (Annual)	Source Water Monitoring Letter	Public Education Letter	LSL Letter (Annual)	Partial LSL Letter				
<100	1.0	0.25	1.0	-	0.5	6.83	0.5	0.5	0.5	0.5	\$ 42.80	\$ 0.41	1.0	2.3
101-500	1.0	0.25	1.0	-	0.5	6.83	0.5	0.5	0.5	0.5	\$ 42.80	\$ 0.41	1.0	2.3
501-1K	1.0	0.25	1.0	-	0.5	6.83	0.5	0.5	0.5	0.5	\$ 42.80	\$ 0.41	1.0	2.3
1K-3.3K	1.0	0.25	1.0	-	0.5	6.83	0.5	0.5	0.5	0.5	\$ 42.80	\$ 0.41	1.0	2.3
3.3K-10K	1.0	0.5	1.0	-	N/A	6.83	0.5	0.5	0.5	0.5	\$ 42.80	\$ 0.41	1.0	2.3
10K-25K	1.0	0.75	1.0	8.0	N/A	6.83	0.5	0.5	0.5	0.5	\$ 42.80	\$ 0.41	1.0	2.3
25K-50K	1.0	0.75	1.0	8.0	N/A	6.83	0.5	0.5	0.5	0.5	\$ 42.80	\$ 0.41	1.0	2.3
50K-75K	1.0	0.75	1.0	8.0	N/A	6.83	0.5	0.5	0.5	0.5	\$ 42.80	\$ 0.41	1.0	2.3
75K-100K	1.0	0.75	1.0	8.0	N/A	6.83	0.5	0.5	0.5	0.5	\$ 42.80	\$ 0.41	1.0	2.3
100K-500K	1.0	1.0	1.0	8.0	N/A	6.83	0.5	0.5	0.5	0.5	\$ 42.80	\$ 0.41	1.0	2.3
500K-1M	1.0	1.0	1.0	8.0	N/A	6.83	0.5	0.5	0.5	0.5	\$ 42.80	\$ 0.41	1.0	2.3
> 1M	1.0	1.0	1.0	8.0	N/A	6.83	0.5	0.5	0.5	0.5	\$ 42.80	\$ 0.41	1.0	2.3

<sup>1</sup> changed from 0.5 hours to 8 hours for large systems and to 0 hours for small systems to reflect changes due to the short term revisions to the LCR.  
 Note: Burden estimates take into account the results of the February 2008 consultation with water industry representatives.

**Exhibit 49 - Labor Rates**

State Labor Rate \$42.80

System Labor Rates	
<100	\$30.72
101-500	\$30.72
501-1K	\$30.72
1K-3.3K	\$30.72
3.3K-10K	\$30.72
10K-25K	\$30.72
25K-50K	\$30.72
50K-75K	\$30.72
75K-100K	\$30.72
100K-500K	\$30.72
500K-1M	\$30.72
> 1M	\$30.72

**PWS Labor Rate**  
 Base (Hourly) \$17.87  
 Load Factor 1.6  
 Inflation Factor 1.07  
 Total \$30.72

2006\$ BLS SOC Code 51-8031, "Local Government - Water and Liquid Waste Treatment Plant and System Operators"  
 108.4 ECI December 2007\*  
 100.9 ECI June 2006\*

**State Labor Rate**  
 Base (Hourly) \$24.92  
 Load Factor 1.6  
 Inflation Factor 1.07  
 Total \$42.80

2006\$ BLS SOC Code 19-2041, "State Government - Environmental Scientists and Specialists, Including Health"  
 108.2 ECI September 2007\*\*  
 100.8 ECI June 2006\*\*

\* Source: Employment Cost Index Historical Listing Current-dollar March 2001 - December 2007, Total Compensation, Not Seasonally Adjusted, Index Number, State & Local Government, All Workers, Table 7.

\*\* Source: Employment Cost Index Historical Listing Current-dollar March 2001 - December 2007, Total Compensation, Not Seasonally Adjusted, Index Number, State & Local Government, Professional & Related, Table 7.

Exhibit 50 - Review of System Certification of Customer Notice - Burden and Cost

Review of Self Certification Letters - CWS																		
Size Category	Number of Systems	Monitoring Event Reviews by Year (Representing 9-Year Compliance Cycle)									Summary of Burden and Cost for ICR Period (2008-2011)							
		2008	2009	2010	2011	2012	2013	2014	2015	2016	Total Monitoring Events	Annual Monitoring Events	Total Burden	Annual Burden	Total Labor Cost	Annual Labor Cost	Total O&M Cost	Annual O&M Cost
		<100	13,455	6,078	6,078	6,078	6,078	6,078	6,078	6,078	6,078	6,078	18,235	6,078	18,235	6,078	\$ 780,439	\$ 260,146
101-500	16,167	7,275	7,275	7,275	7,275	7,275	7,275	7,275	7,275	7,275	21,826	7,275	21,826	7,275	\$ 934,119	\$ 311,373	\$ -	\$ -
501-1K	5,733	2,552	2,552	2,552	2,552	2,552	2,552	2,552	2,552	2,552	7,657	2,552	7,657	2,552	\$ 327,732	\$ 109,244	\$ -	\$ -
1K-3.3K	8,306	3,695	3,695	3,695	3,695	3,695	3,695	3,695	3,695	3,695	11,086	3,695	11,086	3,695	\$ 474,481	\$ 158,160	\$ -	\$ -
3.3K-10K	4,876	2,206	2,206	2,206	2,206	2,206	2,206	2,206	2,206	2,206	6,617	2,206	6,617	2,206	\$ 283,189	\$ 94,396	\$ -	\$ -
10K-25K	2,216	1,008	1,008	1,008	1,008	1,008	1,008	1,008	1,008	1,008	3,023	1,008	3,023	1,008	\$ 129,396	\$ 43,132	\$ -	\$ -
25K-50K	999	453	453	453	453	453	453	453	453	453	1,360	453	1,360	453	\$ 58,208	\$ 19,403	\$ -	\$ -
50K-75K	375	171	171	171	171	171	171	171	171	171	513	171	513	171	\$ 21,950	\$ 7,317	\$ -	\$ -
75K-100K	159	72	72	72	72	72	72	72	72	72	217	72	217	72	\$ 9,282	\$ 3,094	\$ -	\$ -
100K-500K	350	162	162	162	162	162	162	162	162	162	485	162	485	162	\$ 20,767	\$ 6,922	\$ -	\$ -
500K-1M	35	17	17	17	17	17	17	17	17	17	50	17	50	17	\$ 2,135	\$ 712	\$ -	\$ -
> 1M	20	11	11	11	11	11	11	11	11	11	32	11	32	11	\$ 1,353	\$ 451	\$ -	\$ -
Total	52,691	23,700	23,700	23,700	23,700	23,700	23,700	23,700	23,700	23,700	71,101	23,700	71,101	23,700	\$ 3,043,052	\$ 1,014,351	\$ -	\$ -

Review of Self Certification Letters NTNCWSS																		
Size Category	Number of Systems	Monitoring Event Reviews by Year (Representing 9-Year Compliance Cycle)									Summary of Burden and Cost for ICR Period (2008-2011)							
		2008	2009	2010	2011	2012	2013	2014	2015	2016	Total Monitoring Events	Annual Monitoring Events	Total Burden	Annual Burden	Total Labor Cost	Annual Labor Cost	Total O&M Cost	Annual O&M Cost
		<100	9,349	6,078	6,078	6,078	6,078	6,078	6,078	6,078	6,078	6,078	18,235	6,078	18,235	6,078	\$ 780,439	\$ 260,146
101-500	7,045	7,275	7,275	7,275	7,275	7,275	7,275	7,275	7,275	7,275	21,826	7,275	21,826	7,275	\$ 934,119	\$ 311,373	\$ -	\$ -
501-1K	1,864	2,552	2,552	2,552	2,552	2,552	2,552	2,552	2,552	2,552	7,657	2,552	7,657	2,552	\$ 327,732	\$ 109,244	\$ -	\$ -
1K-3.3K	849	3,695	3,695	3,695	3,695	3,695	3,695	3,695	3,695	3,695	11,086	3,695	11,086	3,695	\$ 474,481	\$ 158,160	\$ -	\$ -
3.3K-10K	121	2,206	2,206	2,206	2,206	2,206	2,206	2,206	2,206	2,206	6,617	2,206	6,617	2,206	\$ 283,189	\$ 94,396	\$ -	\$ -
10K-25K	13	1,008	1,008	1,008	1,008	1,008	1,008	1,008	1,008	1,008	3,023	1,008	3,023	1,008	\$ 129,396	\$ 43,132	\$ -	\$ -
25K-50K	8	453	453	453	453	453	453	453	453	453	1,360	453	1,360	453	\$ 58,208	\$ 19,403	\$ -	\$ -
50K-75K	2	171	171	171	171	171	171	171	171	171	513	171	513	171	\$ 21,950	\$ 7,317	\$ -	\$ -
75K-100K	-	72	72	72	72	72	72	72	72	72	217	72	217	72	\$ 9,282	\$ 3,094	\$ -	\$ -
100K-500K	1	162	162	162	162	162	162	162	162	162	485	162	485	162	\$ 20,767	\$ 6,922	\$ -	\$ -
500K-1M	-	17	17	17	17	17	17	17	17	17	50	17	50	17	\$ 2,135	\$ 712	\$ -	\$ -
> 1M	-	11	11	11	11	11	11	11	11	11	32	11	32	11	\$ 1,353	\$ 451	\$ -	\$ -
Total	19,252	23,700	23,700	23,700	23,700	23,700	23,700	23,700	23,700	23,700	71,101	23,700	71,101	23,700	\$ 3,043,052	\$ 1,014,351	\$ -	\$ -

**Totals**

Size Category	Number of Systems	Monitoring Event Reviews by Year (Representing 9-Year Compliance Cycle)									Summary of Burden and Cost for ICR Period (2008-2011)							
		2008	2009	2010	2011	2012	2013	2014	2015	2016	Total Monitoring Events	Annual Monitoring Events	Total Burden	Annual Burden	Total Labor Cost	Annual Labor Cost	Total O&M Cost	Annual O&M Cost
		<100	22,804	12,157	12,157	12,157	12,157	12,157	12,157	12,157	12,157	12,157	36,470	12,157	36,470	12,157	\$ 1,560,878	\$ 520,293
101-500	23,212	14,550	14,550	14,550	14,550	14,550	14,550	14,550	14,550	14,550	43,651	14,550	43,651	14,550	\$ 1,868,238	\$ 622,746	\$ -	\$ -
501-1K	7,597	5,105	5,105	5,105	5,105	5,105	5,105	5,105	5,105	5,105	15,315	5,105	15,315	5,105	\$ 655,465	\$ 218,488	\$ -	\$ -
1K-3.3K	9,155	7,391	7,391	7,391	7,391	7,391	7,391	7,391	7,391	7,391	22,172	7,391	22,172	7,391	\$ 948,962	\$ 316,321	\$ -	\$ -
3.3K-10K	4,997	4,411	4,411	4,411	4,411	4,411	4,411	4,411	4,411	4,411	13,233	4,411	13,233	4,411	\$ 566,379	\$ 188,793	\$ -	\$ -
10K-25K	2,229	2,016	2,016	2,016	2,016	2,016	2,016	2,016	2,016	2,016	6,047	2,016	6,047	2,016	\$ 258,793	\$ 86,264	\$ -	\$ -
25K-50K	1,007	907	907	907	907	907	907	907	907	907	2,720	907	2,720	907	\$ 116,417	\$ 38,806	\$ -	\$ -
50K-75K	377	342	342	342	342	342	342	342	342	342	1,026	342	1,026	342	\$ 43,899	\$ 14,633	\$ -	\$ -
75K-100K	159	145	145	145	145	145	145	145	145	145	434	145	434	145	\$ 18,565	\$ 6,188	\$ -	\$ -
100K-500K	351	323	323	323	323	323	323	323	323	323	970	323	970	323	\$ 41,535	\$ 13,845	\$ -	\$ -
500K-1M	35	33	33	33	33	33	33	33	33	33	100	33	100	33	\$ 4,269	\$ 1,423	\$ -	\$ -
> 1M	20	21	21	21	21	21	21	21	21	21	63	21	63	21	\$ 2,707	\$ 902	\$ -	\$ -
Total	71,943	47,401	47,401	47,401	47,401	47,401	47,401	47,401	47,401	47,401	142,202	47,401	142,202	47,401	\$ 6,086,105	\$ 2,028,702	\$ -	\$ -

Exhibit 51 - Review of Tap Monitoring Reports - Burden and Cost

Reduced Monitoring - State Performing Calculations																		
Size Category	Number of Systems	Monitoring Event Reviews by Year (Representing 9-Year Compliance Cycle)									Summary of Burden and Cost for ICR Period (2008-2011)							
		2008	2009	2010	2011	2012	2013	2014	2015	2016	Total Monitoring Events	Annual Monitoring Events	Total Burden	Annual Burden	Total Labor Cost	Annual Labor Cost	Total O&M Cost	Annual O&M Cost
<100	11,201	7,282	2,298	1,508	7,282	2,298	1,508	8,402	2,298	1,508	11,087	3,696	13,859	4,620	\$ 593,142	\$ 197,714	\$ 4,546	\$ 1,515
101-500	11,457	7,338	2,273	1,450	7,338	2,273	1,450	8,484	2,273	1,450	11,060	3,687	13,825	4,608	\$ 591,698	\$ 197,233	\$ 4,535	\$ 1,512
501-1K	3,754	2,395	738	468	2,395	738	468	2,770	738	468	3,600	1,200	4,499	1,500	\$ 192,569	\$ 64,190	\$ 1,476	\$ 492
1K-3.3K	4,531	2,879	881	553	2,879	881	553	3,332	881	553	4,313	1,438	5,391	1,797	\$ 230,714	\$ 76,905	\$ 1,768	\$ 589
3.3K-10K	2,471	410	174	2,027	410	174	2,027	410	174	2,027	2,610	870	3,914	1,305	\$ 167,526	\$ 55,842	\$ 1,070	\$ 357
10K-25K	1,101	185	80	906	185	80	906	185	80	906	1,170	390	2,047	682	\$ 87,594	\$ 29,198	\$ 479	\$ 160
25K-50K	498	83	36	409	83	36	409	83	36	409	527	176	922	307	\$ 39,471	\$ 13,157	\$ 216	\$ 72
50K-75K	186	6	189	6	6	189	6	6	189	6	201	67	351	117	\$ 15,017	\$ 5,006	\$ 82	\$ 27
75K-100K	79	2	80	2	2	80	2	2	80	2	84	28	146	49	\$ 6,254	\$ 2,085	\$ 34	\$ 11
100K-500K	173	5	176	5	5	176	5	5	176	5	186	62	371	124	\$ 15,878	\$ 5,293	\$ 76	\$ 25
500K-1M	17	1	18	1	1	18	1	1	18	1	20	7	39	13	\$ 1,669	\$ 556	\$ 8	\$ 3
> 1M	10	1	10	1	1	10	1	1	10	1	12	4	24	8	\$ 1,027	\$ 342	\$ 5	\$ 2
Total	35,475	20,585	6,948	7,334	20,585	6,948	7,334	23,679	6,948	7,334	34,866	11,622	45,388	15,129	\$ 1,942,561	\$ 647,520	\$ 14,295	\$ 4,765

Reduced Monitoring - System Performing Calculations																		
Size Category	Number of Systems	Monitoring Event Reviews by Year (Representing 9-Year Compliance Cycle)									Summary of Burden and Cost for ICR Period (2008-2011)							
		2008	2009	2010	2011	2012	2013	2014	2015	2016	Total Monitoring Events	Annual Monitoring Events	Total Burden	Annual Burden	Total Labor Cost	Annual Labor Cost	Total O&M Cost	Annual O&M Cost
<100	11,201	7,282	2,298	1,508	7,282	2,298	1,508	8,402	2,298	1,508	11,087	3,696	11,087	3,696	\$ 474,514	\$ 158,171	\$ -	\$ -
101-500	11,457	7,338	2,273	1,450	7,338	2,273	1,450	8,484	2,273	1,450	11,060	3,687	11,060	3,687	\$ 473,358	\$ 157,786	\$ -	\$ -
501-1K	3,754	2,395	738	468	2,395	738	468	2,770	738	468	3,600	1,200	3,600	1,200	\$ 154,055	\$ 51,352	\$ -	\$ -
1K-3.3K	4,531	2,879	881	553	2,879	881	553	3,332	881	553	4,313	1,438	4,313	1,438	\$ 184,571	\$ 61,524	\$ -	\$ -
3.3K-10K	2,471	410	174	2,027	410	174	2,027	410	174	2,027	2,610	870	2,610	870	\$ 111,684	\$ 37,228	\$ -	\$ -
10K-25K	1,101	185	80	906	185	80	906	185	80	906	1,170	390	1,170	390	\$ 50,054	\$ 16,685	\$ -	\$ -
25K-50K	498	83	36	409	83	36	409	83	36	409	527	176	527	176	\$ 22,555	\$ 7,518	\$ -	\$ -
50K-75K	186	6	189	6	6	189	6	6	189	6	201	67	201	67	\$ 8,581	\$ 2,860	\$ -	\$ -
75K-100K	79	2	80	2	2	80	2	2	80	2	84	28	84	28	\$ 3,574	\$ 1,191	\$ -	\$ -
100K-500K	173	5	176	5	5	176	5	5	176	5	186	62	186	62	\$ 7,939	\$ 2,646	\$ -	\$ -
500K-1M	17	1	18	1	1	18	1	1	18	1	20	7	20	7	\$ 835	\$ 278	\$ -	\$ -
> 1M	10	1	10	1	1	10	1	1	10	1	12	4	12	4	\$ 514	\$ 171	\$ -	\$ -
Total	35,475	20,585	6,948	7,334	20,585	6,948	7,334	23,679	6,948	7,334	34,866	11,622	34,866	11,622	\$ 1,492,234	\$ 497,411	\$ -	\$ -

Totals

Size Category	Number of Systems	Monitoring Event Reviews by Year (Representing 9-Year Compliance Cycle)									Summary of Burden and Cost for ICR Period (2008-2011)							
		2008	2009	2010	2011	2012	2013	2014	2015	2016	Total Monitoring Events	Annual Monitoring Events	Total Burden	Annual Burden	Total Labor Cost	Annual Labor Cost	Total O&M Cost	Annual O&M Cost
<100	22,402	14,563	4,595	3,016	14,563	4,595	3,016	16,803	4,595	3,016	22,174	7,391	24,946	8,315	\$ 1,067,656	\$ 355,885	\$ 4,546	\$ 1,515
101-500	22,914	14,676	4,545	2,899	14,676	4,545	2,899	16,968	4,545	2,899	22,120	7,373	24,885	8,295	\$ 1,065,056	\$ 355,019	\$ 4,535	\$ 1,512
501-1K	7,507	4,789	1,475	935	4,789	1,475	935	5,540	1,475	935	7,199	2,400	8,099	2,700	\$ 346,625	\$ 115,542	\$ 1,476	\$ 492
1K-3.3K	9,061	5,757	1,762	1,106	5,757	1,762	1,106	6,663	1,762	1,106	8,625	2,875	9,703	3,234	\$ 415,285	\$ 138,428	\$ 1,768	\$ 589
3.3K-10K	4,942	819	347	4,053	819	347	4,053	819	347	4,053	5,219	1,740	6,524	2,175	\$ 279,211	\$ 93,070	\$ 1,070	\$ 357
10K-25K	2,201	369	159	1,811	369	159	1,811	369	159	1,811	2,339	780	3,216	1,072	\$ 137,647	\$ 45,882	\$ 479	\$ 160
25K-50K	995	166	71	817	166	71	817	166	71	817	1,054	351	1,449	483	\$ 62,027	\$ 20,676	\$ 216	\$ 72
50K-75K	371	12	377	12	12	377	12	12	377	12	401	134	551	184	\$ 23,598	\$ 7,866	\$ 82	\$ 27
75K-100K	157	4	159	4	4	159	4	4	159	4	167	56	230	77	\$ 9,828	\$ 3,276	\$ 34	\$ 11
100K-500K	346	10	351	10	10	351	10	10	351	10	371	124	557	186	\$ 23,818	\$ 7,939	\$ 76	\$ 25
500K-1M	34	2	35	2	2	35	2	2	35	2	39	13	59	20	\$ 2,504	\$ 835	\$ 8	\$ 3
> 1M	19	2	20	2	2	20	2	2	20	2	24	8	36	12	\$ 1,541	\$ 514	\$ 5	\$ 2
Total	70,949	41,169	13,896	14,667	41,169	13,896	14,667	47,358	13,896	14,667	69,732	23,244	80,254	26,751	\$ 3,434,795	\$ 1,144,932	\$ 14,295	\$ 4,765

**Exhibit 52 - Review of Tap Monitoring Location Change Letters - Burden and Cost**

<b>Totals</b>																			
<b>Size Category</b>	<b>Number of Systems</b>	<b>Reviews by Year (Representing 9-Year Compliance Cycle)</b>									<b>Summary of Burden and Cost for ICR Period (2008-2011)</b>								
		2008	2009	2010	2011	2012	2013	2014	2015	2016	Total Reviews	Annual Reviews	Total Burden	Annual Burden	Total Labor Cost	Annual Labor Cost	Total O&M Cost	Annual O&M Cost	
		<100	13,270	4,260	1,323	849	4,260	1,323	849	4,924	1,323	849	6,431	2,144	6,431	2,144	\$ 275,241	\$ 91,747	\$ -
101-500	16,012	5,075	1,550	969	5,075	1,550	969	5,876	1,550	969	7,594	2,531	7,594	2,531	\$ 324,995	\$ 108,332	\$ -	\$ -	
501-1K	5,678	1,799	550	344	1,799	550	344	2,083	550	344	2,692	897	2,692	897	\$ 115,215	\$ 38,405	\$ -	\$ -	
1K-3.3K	8,228	2,607	795	496	2,607	795	496	3,018	795	496	3,898	1,299	3,898	1,299	\$ 166,810	\$ 55,603	\$ -	\$ -	
3.3K-10K	4,822	400	170	1,978	400	170	1,978	400	170	1,978	2,547	849	2,547	849	\$ 108,988	\$ 36,329	\$ -	\$ -	
10K-25K	2,188	184	80	901	184	80	901	184	80	901	1,164	388	1,164	388	\$ 49,797	\$ 16,599	\$ -	\$ -	
25K-50K	987	83	36	406	83	36	406	83	36	406	524	175	524	175	\$ 22,405	\$ 7,468	\$ -	\$ -	
50K-75K	370	5	188	5	5	188	5	5	188	5	198	66	198	66	\$ 8,453	\$ 2,818	\$ -	\$ -	
75K-100K	157	2	80	2	2	80	2	2	80	2	84	28	84	28	\$ 3,574	\$ 1,191	\$ -	\$ -	
100K-500K	345	5	175	5	5	175	5	5	175	5	185	62	185	62	\$ 7,918	\$ 2,639	\$ -	\$ -	
500K-1M	34	1	18	1	1	18	1	1	18	1	20	7	20	7	\$ 835	\$ 278	\$ -	\$ -	
> 1M	19	1	10	1	1	10	1	1	10	1	12	4	12	4	\$ 514	\$ 171	\$ -	\$ -	
<b>Total</b>	<b>52,110</b>	<b>14,420</b>	<b>4,971</b>	<b>5,954</b>	<b>14,420</b>	<b>4,971</b>	<b>5,954</b>	<b>16,580</b>	<b>4,971</b>	<b>5,954</b>	<b>25,345</b>	<b>8,448</b>	<b>25,345</b>	<b>8,448</b>	<b>\$ 1,084,743</b>	<b>\$ 361,581</b>	<b>\$ -</b>	<b>\$ -</b>	

**Exhibit 53 - Review of Explanation of Changes in Treatment Type or Addition of a New Source - Burden and Cost**

<b>Totals</b>																			
<b>Size Category</b>	<b>Number of Systems</b>	<b>Reviews by Year (Representing 9-Year Compliance Cycle)</b>									<b>Summary of Burden and Cost for ICR Period (2008-2011)</b>								
		2008	2009	2010	2011	2012	2013	2014	2015	2016	Total Reviews	Annual Reviews	Total Burden	Annual Burden	Total Labor Cost	Annual Labor Cost	Total O&M Cost	Annual O&M Cost	
		<100	448	291	92	60	291	92	60	336	92	60	443	148	-	-	\$ -	\$ -	\$ -
101-500	458	294	91	58	294	91	58	339	91	58	442	147	-	-	\$ -	\$ -	\$ -	\$ -	
501-1K	150	96	30	19	96	30	19	111	30	19	144	48	-	-	\$ -	\$ -	\$ -	\$ -	
1K-3.3K	181	115	35	22	115	35	22	133	35	22	173	58	-	-	\$ -	\$ -	\$ -	\$ -	
3.3K-10K	99	16	7	81	16	7	81	16	7	81	104	35	-	-	\$ -	\$ -	\$ -	\$ -	
10K-25K	44	7	3	36	7	3	36	7	3	36	47	16	374	125	\$ 16,017	\$ 5,339	\$ -	\$ -	
25K-50K	20	3	1	16	3	1	16	3	1	16	21	7	169	56	\$ 7,218	\$ 2,406	\$ -	\$ -	
50K-75K	7	0	8	0	0	8	0	0	8	0	8	3	64	21	\$ 2,746	\$ 915	\$ -	\$ -	
75K-100K	3	0	3	0	0	3	0	0	3	0	3	1	27	9	\$ 1,144	\$ 381	\$ -	\$ -	
100K-500K	7	0	7	0	0	7	0	0	7	0	7	2	59	20	\$ 2,541	\$ 847	\$ -	\$ -	
500K-1M	1	0	1	0	0	1	0	0	1	0	1	0	6	2	\$ 267	\$ 89	\$ -	\$ -	
> 1M	0	0	0	0	0	0	0	0	0	0	0	0	4	1	\$ 164	\$ 55	\$ -	\$ -	
<b>Total</b>	<b>1,419</b>	<b>823</b>	<b>278</b>	<b>293</b>	<b>823</b>	<b>278</b>	<b>293</b>	<b>947</b>	<b>278</b>	<b>293</b>	<b>1,395</b>	<b>465</b>	<b>703</b>	<b>234</b>	<b>\$ 30,096</b>	<b>\$ 10,032</b>	<b>\$ -</b>	<b>\$ -</b>	

Exhibit 54 - Review of Monitoring Waiver Requests - Burden and Cost

Totals																		
Size Category	Number of Systems	Reviews by Year (Representing 9-Year Compliance Cycle)									Summary of Burden and Cost for ICR Period (2008-2011)							
		2008	2009	2010	2011	2012	2013	2014	2015	2016	Total Reviews	Annual Reviews	Total Burden	Annual Burden	Total Labor Cost	Annual Labor Cost	Total O&M Cost	Annual O&M Cost
		<100	2,240	-	-	-	-	-	2,240	-	-	-	-	-	-	-	-	-
101-500	2,291	-	-	-	-	-	2,291	-	-	-	-	-	-	-	-	-	-	
501-1K	751	-	-	-	-	-	751	-	-	-	-	-	-	-	-	-	-	
1K-3.3K	906	-	-	-	-	-	906	-	-	-	-	-	-	-	-	-	-	
3.3K-10K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
10K-25K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
25K-50K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
50K-75K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
75K-100K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
100K-500K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
500K-1M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
> 1M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	
Total	6,188	-	-	-	-	-	6,188	-	-	-	-	-	-	-	-	-	-	

Exhibit 55 - Review of WQP Monitoring Reports - Burden and Cost

Totals																		
Size Category	Number of Systems	Reviews by Year (Representing 9-Year Compliance Cycle)									Summary of Burden and Cost for ICR Period (2008-2011)							
		2008	2009	2010	2011	2012	2013	2014	2015	2016	Total Reviews	Annual Reviews	Total Burden	Annual Burden	Total Labor Cost	Annual Labor Cost	Total O&M Cost	Annual O&M Cost
		<100	804	804	804	804	804	804	804	804	804	804	2,412	804	16,474	5,491	\$ 705,071	\$ 235,024
101-500	598	598	598	598	598	598	598	598	598	598	1,794	598	12,253	4,084	\$ 524,418	\$ 174,806	\$ -	\$ -
501-1K	178	178	178	178	178	178	178	178	178	178	534	178	3,647	1,216	\$ 156,098	\$ 52,033	\$ -	\$ -
1K-3.3K	188	188	188	188	188	188	188	188	188	188	564	188	3,852	1,284	\$ 164,867	\$ 54,956	\$ -	\$ -
3.3K-10K	110	110	110	110	110	110	110	110	110	110	330	110	2,254	751	\$ 96,465	\$ 32,155	\$ -	\$ -
10K-25K	56	56	56	56	56	56	56	56	56	56	168	56	1,147	382	\$ 49,109	\$ 16,370	\$ -	\$ -
25K-50K	24	24	24	24	24	24	24	24	24	24	72	24	492	164	\$ 21,047	\$ 7,016	\$ -	\$ -
50K-75K	223	223	223	223	223	223	223	223	223	223	669	223	4,569	1,523	\$ 195,561	\$ 65,187	\$ -	\$ -
75K-100K	112	112	112	112	112	112	112	112	112	112	336	112	2,295	765	\$ 98,219	\$ 32,740	\$ -	\$ -
100K-500K	225	225	225	225	225	225	225	225	225	225	675	225	4,610	1,537	\$ 197,315	\$ 65,772	\$ -	\$ -
500K-1M	28	28	28	28	28	28	28	28	28	28	84	28	574	191	\$ 24,555	\$ 8,185	\$ -	\$ -
> 1M	15	15	15	15	15	15	15	15	15	15	45	15	307	102	\$ 13,154	\$ 4,385	\$ -	\$ -
Total	2,561	2,561	2,561	2,561	2,561	2,561	2,561	2,561	2,561	2,561	7,683	2,561	52,475	17,492	\$ 2,245,879	\$ 748,626	\$ -	\$ -

Exhibit 56 - Review of Source Water Monitoring Reports - Burden and Cost

CWS - Ground Water Systems																		
Size Category	Number of Systems	Monitoring Events by Year (Representing 9-Year Compliance Cycle)									Summary of Burden and Cost for ICR Period (2008-2011)							
		2008	2009	2010	2011	2012	2013	2014	2015	2016	Total Monitoring Events	Annual Monitoring Events	Total Burden	Annual Burden	Total Labor Cost	Annual Labor Cost	Total O&M Cost	Annual O&M Cost
		<100	134	-	-	-	6	-	-	-	-	-	3	1	2	1	\$ 46	\$ 15
101-500	43	-	-	-	4	-	-	-	-	-	2	1	1	1	\$ 31	\$ 15	\$ -	\$ -
501-1K	55	-	-	-	1	-	-	-	-	-	1	0	0	0	\$ 8	\$ 3	\$ -	\$ -
1K-3.3K	31	-	-	-	2	-	-	-	-	-	1	0	1	0	\$ 15	\$ 5	\$ -	\$ -
3.3K-10K	12	-	30	1	-	-	-	-	-	-	31	10	16	5	\$ 476	\$ 159	\$ -	\$ -
10K-25K	4	-	12	-	-	-	-	-	-	-	12	4	6	2	\$ 184	\$ 61	\$ -	\$ -
25K-50K	24	-	4	-	-	-	-	-	-	-	4	1	2	1	\$ 61	\$ 20	\$ -	\$ -
50K-75K	10	2	22	-	-	22	-	-	22	-	23	8	12	4	\$ 353	\$ 118	\$ -	\$ -
75K-100K	23	-	10	-	-	10	-	-	10	-	10	3	5	2	\$ 154	\$ 51	\$ -	\$ -
100K-500K	1	1	22	-	-	22	-	-	22	-	23	8	11	4	\$ 346	\$ 115	\$ -	\$ -
500K-1M	-	-	1	-	-	1	-	-	1	-	1	0	1	0	\$ 15	\$ 5	\$ -	\$ -
> 1M	506	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
<b>Total</b>	<b>843</b>	<b>3</b>	<b>101</b>	<b>1</b>	<b>13</b>	<b>55</b>	<b>-</b>	<b>-</b>	<b>55</b>	<b>-</b>	<b>110</b>	<b>37</b>	<b>55</b>	<b>19</b>	<b>\$ 1,689</b>	<b>\$ 568</b>	<b>\$ -</b>	<b>\$ -</b>
NTNCWS - Ground Water Systems																		
Size Category	Number of Systems	Monitoring Events by Year (Representing 9-Year Compliance Cycle)									Summary of Burden and Cost for ICR Period (2008-2011)							
		2008	2009	2010	2011	2012	2013	2014	2015	2016	Total Monitoring Events	Annual Monitoring Events	Total Burden	Annual Burden	Total Labor Cost	Annual Labor Cost	Total O&M Cost	Annual O&M Cost
		<100	139	-	-	-	7	-	-	-	-	-	4	1	2	1	\$ 54	\$ 18
101-500	33	-	-	-	5	-	-	-	-	-	3	1	1	0	\$ 38	\$ 13	\$ -	\$ -
501-1K	14	-	-	-	1	-	-	-	-	-	1	0	0	0	\$ 8	\$ 3	\$ -	\$ -
1K-3.3K	1	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
3.3K-10K	-	-	1	-	-	-	-	-	-	-	1	0	1	0	\$ 15	\$ 5	\$ -	\$ -
10K-25K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
25K-50K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
50K-75K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
75K-100K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
100K-500K	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
500K-1M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
> 1M	398	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -
<b>Total</b>	<b>585</b>	<b>-</b>	<b>1</b>	<b>-</b>	<b>13</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>8</b>	<b>3</b>	<b>4</b>	<b>1</b>	<b>\$ 115</b>	<b>\$ 38</b>	<b>\$ -</b>	<b>\$ -</b>



Exhibit 56 - Review Source Water Monitoring Reports - Burden and Cost (cont.)

CWS - Surface Water Systems																			
Size Category	Number of Systems	Monitoring Events by Year (Representing 9-Year Compliance Cycle)									Summary of Burden and Cost for ICR Period (2008-2011)								
		2008	2009	2010	2011	2012	2013	2014	2015	2016	Total Monitoring Events	Annual Monitoring Events	Total Burden	Annual Burden	Total Labor Cost	Annual Labor Cost	Total O&M Cost	Annual O&M Cost	
<100	21	-	-	-	-	-	-	16	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -		
101-500	11	-	-	-	-	-	-	20	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -		
501-1K	24	-	-	-	-	-	-	11	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -		
1K-3.3K	23	-	-	-	-	-	-	23	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -		
3.3K-10K	16	-	-	-	-	-	-	1	22	-	-	-	-	\$ -	\$ -	\$ -	\$ -		
10K-25K	7	-	-	-	-	-	-	1	15	-	-	-	-	\$ -	\$ -	\$ -	\$ -		
25K-50K	41	-	-	-	-	-	-	-	7	-	-	-	-	\$ -	\$ -	\$ -	\$ -		
50K-75K	18	-	38	-	-	38	-	3	38	-	-	38	13	19	6	\$ 584	\$ 195	\$ 16	\$ 5
75K-100K	61	-	16	-	-	16	-	2	16	-	-	16	5	8	3	\$ 246	\$ 82	\$ 7	\$ 2
100K-500K	4	-	57	-	-	57	-	4	57	-	-	57	19	29	10	\$ 875	\$ 292	\$ 23	\$ 8
500K-1M	3	-	3	-	-	3	-	1	3	-	-	3	1	2	1	\$ 46	\$ 15	\$ 1	\$ 0
> 1M	246	-	2	-	-	2	-	1	2	-	-	2	1	1	0	\$ 31	\$ 10	\$ 1	\$ 0
Total	475	-	116	-	-	116	2	125	116	-	-	116	39	58	19	\$ 1,782	\$ 594	\$ 48	\$ 16
NTNCWS - Surface Water Systems																			
Size Category	Number of Systems	Monitoring Events by Year (Representing 9-Year Compliance Cycle)									Summary of Burden and Cost for ICR Period (2008-2011)								
		2008	2009	2010	2011	2012	2013	2014	2015	2016	Total Monitoring Events	Annual Monitoring Events	Total Burden	Annual Burden	Total Labor Cost	Annual Labor Cost	Total O&M Cost	Annual O&M Cost	
<100	5	-	-	-	-	-	-	6	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -		
101-500	2	-	-	-	-	-	-	5	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -		
501-1K	1	-	-	-	-	-	-	2	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -		
1K-3.3K	-	-	-	-	-	-	-	1	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -		
3.3K-10K	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -		
10K-25K	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -		
25K-50K	1	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -		
50K-75K	-	-	-	-	-	-	-	1	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -		
75K-100K	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -		
100K-500K	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -		
500K-1M	-	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -		
> 1M	15	-	-	-	-	-	-	-	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -		
Total	24	-	-	-	-	-	-	15	-	-	-	-	-	\$ -	\$ -	\$ -	\$ -		
Grand Total																			
Size Category	Number of Systems	Monitoring Events by Year (Representing 9-Year Compliance Cycle)									Summary of Burden and Cost for ICR Period (2008-2011)								
		2008	2009	2010	2011	2012	2013	2014	2015	2016	Total Monitoring Events	Annual Monitoring Events	Total Burden	Annual Burden	Total Labor Cost	Annual Labor Cost	Total O&M Cost	Annual O&M Cost	
<100	299	-	-	-	13	-	-	22	-	-	-	7	2	3	1	\$ 100	\$ 33	\$ -	\$ -
101-500	89	-	-	-	9	-	-	25	-	-	-	5	2	2	1	\$ 69	\$ 28	\$ -	\$ -
501-1K	94	-	-	-	2	-	-	13	-	-	-	1	0	1	0	\$ 15	\$ 5	\$ -	\$ -
1K-3.3K	55	-	-	-	2	-	-	24	-	-	-	1	0	1	0	\$ 15	\$ 5	\$ -	\$ -
3.3K-10K	28	-	31	1	-	-	-	1	22	-	-	32	11	16	5	\$ 491	\$ 164	\$ -	\$ -
10K-25K	11	-	12	-	-	-	-	1	15	-	-	12	4	6	2	\$ 184	\$ 61	\$ -	\$ -
25K-50K	66	-	4	-	-	-	-	-	7	-	-	4	1	2	1	\$ 61	\$ 20	\$ -	\$ -
50K-75K	28	2	60	-	-	60	-	4	60	-	-	61	20	31	10	\$ 937	\$ 312	\$ 16	\$ 5
75K-100K	84	-	26	-	-	26	-	2	26	-	-	26	9	13	4	\$ 399	\$ 133	\$ 7	\$ 2
100K-500K	5	1	79	-	-	79	-	4	79	-	-	80	27	40	13	\$ 1,221	\$ 407	\$ 23	\$ 8
500K-1M	3	-	4	-	-	4	-	1	4	-	-	4	1	2	1	\$ 61	\$ 20	\$ 1	\$ 0
> 1M	1,165	-	2	-	-	2	-	1	2	-	-	2	1	1	0	\$ 31	\$ 10	\$ 1	\$ 0
Total	1,927	3	218	1	26	171	2	140	171	-	-	234	78	117	39	\$ 3,586	\$ 1,201	\$ 48	\$ 16

**Exhibit 57 - Review of Annual Lead Service Line Replacement Letter - Burden and Cost**

Totals																		
Size Category	Number of Systems	Reviews by Year (Representing 9-Year Compliance Cycle)									Summary of Burden and Cost for ICR Period (2008-2011)							
		2008	2009	2010	2011	2012	2013	2014	2015	2016	Total Reviews	Annual Reviews	Total Burden	Annual Burden	Total Labor Cost	Annual Labor Cost	Total O&M Cost	Annual O&M Cost
<100	123	123	123	123	123	123	123	123	123	123	369	123	185	62	\$ 7,896	\$ 2,632	\$ -	\$ -
101-500	179	179	179	179	179	179	179	179	179	179	537	179	269	90	\$ 11,492	\$ 3,831	\$ -	\$ -
501-1K	119	119	119	119	119	119	119	119	119	119	357	119	179	60	\$ 7,640	\$ 2,547	\$ -	\$ -
1K-3.3K	171	171	171	171	171	171	171	171	171	171	513	171	257	86	\$ 10,978	\$ 3,659	\$ -	\$ -
3.3K-10K	89	89	89	89	89	89	89	89	89	89	267	89	134	45	\$ 5,714	\$ 1,905	\$ -	\$ -
10K-25K	42	42	42	42	42	42	42	42	42	42	126	42	63	21	\$ 2,696	\$ 899	\$ -	\$ -
25K-50K	19	19	19	19	19	19	19	19	19	19	57	19	29	10	\$ 1,220	\$ 407	\$ -	\$ -
50K-75K	7	7	7	7	7	7	7	7	7	7	21	7	11	4	\$ 449	\$ 150	\$ -	\$ -
75K-100K	3	3	3	3	3	3	3	3	3	3	9	3	5	2	\$ 193	\$ 64	\$ -	\$ -
100K-500K	9	9	9	9	9	9	9	9	9	9	27	9	14	5	\$ 578	\$ 193	\$ -	\$ -
500K-1M	1	1	1	1	1	1	1	1	1	1	3	1	2	1	\$ 64	\$ 21	\$ -	\$ -
> 1M	1	1	1	1	1	1	1	1	1	1	3	1	2	1	\$ 64	\$ 21	\$ -	\$ -
<b>Total</b>	<b>763</b>	<b>763</b>	<b>763</b>	<b>763</b>	<b>763</b>	<b>763</b>	<b>763</b>	<b>763</b>	<b>763</b>	<b>763</b>	<b>2,289</b>	<b>763</b>	<b>1,145</b>	<b>382</b>	<b>\$ 48,984</b>	<b>\$ 16,328</b>	<b>\$ -</b>	<b>\$ -</b>

**Exhibit 58 - Review Partial Lead Service Line Replacement Letter - Burden and Cost**

Totals																		
Size Category	Number of Systems	Reviews by Year (Representing 9-Year Compliance Cycle)									Summary of Burden and Cost for ICR Period (2008-2011)							
		2008	2009	2010	2011	2012	2013	2014	2015	2016	Total Reviews	Annual Reviews	Total Burden	Annual Burden	Total Labor Cost	Annual Labor Cost	Total O&M Cost	Annual O&M Cost
<100	92	830	830	830	830	830	830	830	830	830	2,491	830	1,245	415	\$ 53,301	\$ 17,767	\$ -	\$ -
101-500	134	1,208	1,208	1,208	1,208	1,208	1,208	1,208	1,208	1,208	3,625	1,208	1,812	604	\$ 77,568	\$ 25,856	\$ -	\$ -
501-1K	89	803	803	803	803	803	803	803	803	803	2,410	803	1,205	402	\$ 51,568	\$ 17,189	\$ -	\$ -
1K-3.3K	128	1,154	1,154	1,154	1,154	1,154	1,154	1,154	1,154	1,154	3,463	1,154	1,731	577	\$ 74,101	\$ 24,700	\$ -	\$ -
3.3K-10K	67	601	601	601	601	601	601	601	601	601	1,802	601	901	300	\$ 38,567	\$ 12,856	\$ -	\$ -
10K-25K	32	284	284	284	284	284	284	284	284	284	851	284	425	142	\$ 18,200	\$ 6,067	\$ -	\$ -
25K-50K	14	128	128	128	128	128	128	128	128	128	385	128	192	64	\$ 8,233	\$ 2,744	\$ -	\$ -
50K-75K	5	47	47	47	47	47	47	47	47	47	142	47	71	24	\$ 3,033	\$ 1,011	\$ -	\$ -
75K-100K	2	20	20	20	20	20	20	20	20	20	61	20	30	10	\$ 1,300	\$ 433	\$ -	\$ -
100K-500K	7	61	61	61	61	61	61	61	61	61	182	61	91	30	\$ 3,900	\$ 1,300	\$ -	\$ -
500K-1M	1	7	7	7	7	7	7	7	7	7	20	7	10	3	\$ 433	\$ 144	\$ -	\$ -
> 1M	1	7	7	7	7	7	7	7	7	7	20	7	10	3	\$ 433	\$ 144	\$ -	\$ -
<b>Total</b>	<b>572</b>	<b>5,150</b>	<b>5,150</b>	<b>5,150</b>	<b>5,150</b>	<b>5,150</b>	<b>5,150</b>	<b>5,150</b>	<b>5,150</b>	<b>5,150</b>	<b>15,451</b>	<b>5,150</b>	<b>7,725</b>	<b>2,575</b>	<b>\$ 330,639</b>	<b>\$ 110,213</b>	<b>\$ -</b>	<b>\$ -</b>

**Exhibit 59 - Review of Public Education Compliance Letter - Burden and Cost**

Totals																		
Size Category	Number of Systems	Reviews by Year (Representing 9-Year Compliance Cycle)									Summary of Burden and Cost for ICR Period (2008-2011)							
		2008	2009	2010	2011	2012	2013	2014	2015	2016	Total Reviews	Annual Reviews	Total Burden	Annual Burden	Total Labor Cost	Annual Labor Cost	Total O&M Cost	Annual O&M Cost
		<100	402	402	402	402	402	402	402	402	402	402	1,206	402	603	201	\$ 25,808	\$ 8,603
101-500	298	298	298	298	298	298	298	298	298	298	894	298	447	149	\$ 19,131	\$ 6,377	\$ -	\$ -
501-1K	90	90	90	90	90	90	90	90	90	90	270	90	135	45	\$ 5,778	\$ 1,926	\$ -	\$ -
1K-3.3K	94	94	94	94	94	94	94	94	94	94	282	94	141	47	\$ 6,035	\$ 2,012	\$ -	\$ -
3.3K-10K	55	55	55	55	55	55	55	55	55	55	165	55	83	28	\$ 3,531	\$ 1,177	\$ -	\$ -
10K-25K	29	29	29	29	29	29	29	29	29	29	87	29	44	15	\$ 1,862	\$ 621	\$ -	\$ -
25K-50K	12	12	12	12	12	12	12	12	12	12	36	12	18	6	\$ 770	\$ 257	\$ -	\$ -
50K-75K	5	5	5	5	5	5	5	5	5	5	15	5	8	3	\$ 321	\$ 107	\$ -	\$ -
75K-100K	2	2	2	2	2	2	2	2	2	2	6	2	3	1	\$ 128	\$ 43	\$ -	\$ -
100K-500K	5	5	5	5	5	5	5	5	5	5	15	5	8	3	\$ 321	\$ 107	\$ -	\$ -
500K-1M	1	1	1	1	1	1	1	1	1	1	3	1	2	1	\$ 64	\$ 21	\$ -	\$ -
> 1M	1	1	1	1	1	1	1	1	1	1	3	1	2	1	\$ 64	\$ 21	\$ -	\$ -
<b>Total</b>	<b>994</b>	<b>994</b>	<b>994</b>	<b>994</b>	<b>994</b>	<b>994</b>	<b>994</b>	<b>994</b>	<b>994</b>	<b>994</b>	<b>2,982</b>	<b>994</b>	<b>1,491</b>	<b>497</b>	<b>\$ 63,813</b>	<b>\$ 21,271</b>	<b>\$ -</b>	<b>\$ -</b>

**Exhibit 60 - Employ Corrosion Control Expert - Burden and Cost**

Totals																
FTEs	Number of States	Hours by Year (Representing 9-Year Compliance Cycle)									Summary of Burden and Cost for ICR Period (2008-2011)					
		2008	2009	2010	2011	2012	2013	2014	2015	2016	Total Burden	Annual Burden	Total Labor Cost	Annual Labor Cost	Total O&M Cost	Annual O&M Cost
		0.5	32	33,280	33,280	33,280	33,280	33,280	33,280	33,280	33,280	33,280	99,840	33,280	\$ 4,273,063	\$ 1,424,354
1.0	14	29,120	29,120	29,120	29,120	29,120	29,120	29,120	29,120	29,120	87,360	29,120	\$ 3,738,930	\$ 1,246,310	\$ -	\$ -
1.5	11	34,320	34,320	34,320	34,320	34,320	34,320	34,320	34,320	34,320	102,960	34,320	\$ 4,406,596	\$ 1,468,865	\$ -	\$ -
<b>Total</b>	<b>57</b>	<b>96,720</b>	<b>96,720</b>	<b>96,720</b>	<b>96,720</b>	<b>96,720</b>	<b>96,720</b>	<b>96,720</b>	<b>96,720</b>	<b>96,720</b>	<b>290,160</b>	<b>96,720</b>	<b>\$ 12,418,590</b>	<b>\$ 4,139,530</b>	<b>\$ -</b>	<b>\$ -</b>

**Exhibit 61 - Review of Public Education and Notification Activities Due to STR - Burden and Cost**

Totals																		
Size Category	Hours Per State	Reviews by Year (Representing 9-Year Compliance Cycle)									Summary of Burden and Cost for ICR Period (2008-2011)							
		2008	2009	2010	2011	2012	2013	2014	2015	2016	Total Reviews	Annual Reviews	Total Burden	Annual Burden	Total Labor Cost	Annual Labor Cost	Total O&M Cost	Annual O&M Cost
		<100	402	402	402	402	402	402	402	402	402	402	1,206	402	2,810	937	\$ 120,265	\$ 40,088
101-500	298	298	298	298	298	298	298	298	298	298	894	298	2,083	694	\$ 89,151	\$ 29,717	\$ -	\$ -
501-1K	90	90	90	90	90	90	90	90	90	90	270	90	629	210	\$ 26,925	\$ 8,975	\$ -	\$ -
1K-3.3K	94	94	94	94	94	94	94	94	94	94	282	94	657	219	\$ 28,122	\$ 9,374	\$ -	\$ -
3.3K-10K	55	55	55	55	55	55	55	55	55	55	165	55	384	128	\$ 16,454	\$ 5,485	\$ -	\$ -
10K-25K	28	28	28	28	28	28	28	28	28	28	84	28	196	65	\$ 8,377	\$ 2,792	\$ -	\$ -
25K-50K	12	12	12	12	12	12	12	12	12	12	36	12	84	28	\$ 3,590	\$ 1,197	\$ -	\$ -
50K-75K	6	6	6	6	6	6	6	6	6	6	18	6	42	14	\$ 1,795	\$ 598	\$ -	\$ -
75K-100K	2	2	2	2	2	2	2	2	2	2	6	2	14	5	\$ 598	\$ 199	\$ -	\$ -
100K-500K	5	5	5	5	5	5	5	5	5	5	15	5	35	12	\$ 1,496	\$ 499	\$ -	\$ -
500K-1M	1	1	1	1	1	1	1	1	1	1	3	1	7	2	\$ 299	\$ 100	\$ -	\$ -
> 1M	1	1	1	1	1	1	1	1	1	1	3	1	7	2	\$ 299	\$ 100	\$ -	\$ -
<b>Total</b>	<b>994</b>	<b>994</b>	<b>994</b>	<b>994</b>	<b>994</b>	<b>994</b>	<b>994</b>	<b>994</b>	<b>994</b>	<b>994</b>	<b>2,982</b>	<b>994</b>	<b>6,948</b>	<b>2,316</b>	<b>\$ 297,371</b>	<b>\$ 99,124</b>	<b>\$ -</b>	<b>\$ -</b>

Exhibit 62 - State Burden and Cost Summary

Review Totals																		
Size Category	Number of Systems	Reporting Events by Year (Representing 9-Year Compliance Cycle)										Summary of Burden and Cost for ICR Period (2008-2011)						
		2008	2009	2010	2011	2012	2013	2014	2015	2016	Total Reporting Events	Annual Reporting Events	Total Burden	Annual Burden	Total Labor Cost	Annual Labor Cost	Total O&M Cost	Annual O&M Cost
		<100	22,402	33,832	20,727	18,643	33,838	20,727	20,883	36,780	20,727	18,643	73,209	24,403	89,167	29,722	\$ 3,816,216	\$ 1,272,072
101-500	22,914	37,176	23,318	21,057	37,180	23,318	23,349	40,315	23,318	21,057	81,555	27,185	92,996	30,999	\$ 3,980,118	\$ 1,326,706	\$ 4,535	\$ 1,512
501-1K	7,507	13,069	8,439	7,682	13,070	8,439	8,433	14,119	8,439	7,682	29,192	9,731	31,901	10,634	\$ 1,365,328	\$ 455,109	\$ 1,476	\$ 492
1K-3.3K	9,061	17,571	11,684	10,716	17,573	11,684	11,622	18,906	11,684	10,716	39,972	13,324	42,412	14,137	\$ 1,815,175	\$ 605,058	\$ 1,768	\$ 589
3.3K-10K	4,942	6,556	5,874	11,433	6,556	5,844	11,432	6,556	5,844	11,432	23,865	7,955	26,075	8,692	\$ 1,115,800	\$ 371,933	\$ 1,070	\$ 357
10K-25K	2,201	3,014	2,708	5,202	3,014	2,696	5,202	3,014	2,696	5,202	10,923	3,641	12,681	4,227	\$ 542,683	\$ 180,894	\$ 479	\$ 160
25K-50K	995	1,354	1,214	2,341	1,354	1,210	2,341	1,354	1,210	2,341	4,908	1,636	5,678	1,893	\$ 242,988	\$ 80,996	\$ 216	\$ 72
50K-75K	371	649	1,224	647	647	1,224	647	647	1,224	647	2,558	853	6,569	2,190	\$ 280,793	\$ 93,598	\$ 98	\$ 33
75K-100K	157	290	536	290	290	536	290	290	536	290	1,131	377	3,133	1,044	\$ 133,948	\$ 44,649	\$ 41	\$ 14
100K-500K	346	644	1,183	643	643	1,183	643	643	1,183	643	2,528	843	6,568	2,189	\$ 280,641	\$ 93,547	\$ 99	\$ 33
500K-1M	34	74	125	74	74	125	74	74	125	74	276	92	780	260	\$ 33,352	\$ 11,117	\$ 9	\$ 3
> 1M	19	49	76	49	49	76	49	49	76	49	176	59	444	148	\$ 18,971	\$ 6,324	\$ 6	\$ 2
Total	70,949	114,278	77,109	78,778	114,288	77,063	84,966	122,747	77,063	78,777	270,294	90,098	318,404	106,135	\$ 13,626,011	\$ 4,542,004	\$ 14,343	\$ 4,781

Employ Corrosion Control Expert Totals																
FTEs	Number of States	Hours by Year (Representing 9-Year Compliance Cycle)										Summary of Burden and Cost for ICR Period (2008-2011)				
		2008	2009	2010	2011	2012	2013	2014	2015	2016	Total Burden	Annual Burden	Total Labor Cost	Annual Labor Cost	Total O&M Cost	Annual O&M Cost
		0.5	32	33,280	33,280	33,280	33,280	33,280	33,280	33,280	33,280	33,280	99,840	33,280	\$ 4,273,063	\$ 1,424,354
1.0	14	29,120	29,120	29,120	29,120	29,120	29,120	29,120	29,120	29,120	87,360	29,120	\$ 3,738,930	\$ 1,246,310	\$ -	\$ -
1.5	11	34,320	34,320	34,320	34,320	34,320	34,320	34,320	34,320	34,320	102,960	34,320	\$ 4,406,596	\$ 1,468,865	\$ -	\$ -
Total	57	96,720	96,720	96,720	96,720	96,720	96,720	96,720	96,720	96,720	290,160	96,720	\$ 12,418,590	\$ 4,139,530	\$ -	\$ -

## Exhibit 63 - Lead and Copper Rule - Summary of Original and Revised Burden Estimates

<b>State Review Burden</b>			
<b>2004 Burden</b>	<b>Task</b>	<b>System Size</b>	<b>Revised Burden</b>
0.17 hr	Tap Sample Calculations	≤500	0.25 hr
0.17 hr	Move Tap Monitoring Location		1 hr
0.33 hr	Public Education Letter		0.5 hr

\*Note: Changing to 8 hours under LCR revisions, since states will have to coordinate with system and review proposed treatment change before granting approval.

<b>CWS Public Education Delivery Requirements (Inserts and Pamphlets) Per</b>			
<b>2004 Burden</b>	<b>Task</b>	<b>System Size</b>	<b>Revised Burden</b>
60 hrs	Mail Materials - Mail	>3,300	No change (3.3K - 100K) Adjust to 120 hrs (>100K)
3.75 Hrs	Mail Materials - Bill Stuffer	≤500	6 hrs
6.25 hrs	Mail Materials - Bill Stuffer	501-3,300	10 hrs
15 hrs	Mail Materials - Bill Stuffer	>3,300	No change (3.3 K - 100K) Adjust to 30 hrs for PWSs >100k.

<b>Public</b>		
<b>2004 Burden</b>	<b>Task</b>	<b>Revised Burden</b>
1 hr	Prepare and Mail PSA (System Size >3,300)	5.0 hrs

Systems estimated to require 1 hour to prepare and mail to newspapers and radio and TV stations. It is assumed that these entities will run the public education materials as a public service announcement.

<b>System Reporting Burden</b>			
<b>2004 Burden</b>	<b>Task</b>	<b>System Size</b>	<b>Revised Burden</b>
1.0 hr	Tap Sample Letter		1.5 hrs
0.5 hr	Tap Sample Calculations	>10,000	1.0 hrs
0.75 hr	Tap Sample Calculations	10,000-100,000	1.25 hrs
1.0 hrs	Tap Sample Calculations	>100,000	1.5 hrs
1.0 hr	Move Tap Monitoring Location		3.0 hrs
4.33 hrs	WQP Reporting (Annual)		5.0 hrs

\*Note: This burden is changing to 8 hours under LCR revisions. Assumes system will need to meet/coordinate with state to get approval for treatment change.

**Exhibit 63 - Lead and Copper Rule - Summary of Original and Revised Burden Estimates (cont.)**

<b>Source Water Monitoring for Lead &amp; Copper</b>		
<b>2004 Burden</b>	<b>Task</b>	<b>Revised Burden</b>
-	Collection (Per Sample)	0.5 hr

<b>Tap Monitoring for Lead &amp; Copper Burden</b>		
<b>2004 Burden</b>	<b>Task</b>	<b>Revised Burden</b>
3.5 hrs	Collection and Analysis (Per Sample)	4.0 hrs

<b>Water Quality Parameter Monitoring Burden</b>		
<b>2004 Burden</b>	<b>Task</b>	<b>Revised Burden</b>
-	Collection (Tap)	0.5 hr

<b>Occupant Notification of Monitoring Results</b>		
<b>2004 Burden</b>	<b>Task</b>	<b>Revised Burden</b>
1 hr per event	For CWSs $\leq$ 3300, assume burden of 1 hour per monitoring event for systems serving <3,300 people.	1 hr/ 20 letters
1 hr per 20 letters	For CWSs >3,300 people, assume burden of 1 hour per 20	1 hr/ 9 letters

Burden estimates based on recommendations of Expert Review Panel (November, 2005).