



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
RESEARCH TRIANGLE PARK, NC 27711

MAY 17 2006

OFFICE OF
AIR QUALITY PLANNING
AND STANDARDS

MEMORANDUM

SUBJECT: National Performance Audit Program/PM_{2.5} Performance Evaluation Program –
Need to Obtain 2007 Plans from State/Local Monitoring Organizations

FROM: Thomas C. Curran, Director 
Air Quality Assessment Division (C304-02)

TO: Regional Air Division Directors, Regions 1 - 10

As I indicated at last week's Regional Air Division Directors Meeting in Philadelphia, we are asking for your help in collecting information from your State and local monitoring organizations that will help us in implementing the currently proposed monitoring regulations. While there may be changes between the January 2006 proposal and the September 2006 promulgation, this information will help us plan for a smooth implementation. Your monitoring staff is aware of this issue.

We would like each State and local monitoring organization to tell us whether it plans to implement the Performance Evaluation Program (PEP) and the National Performance Audit Program (NPAP) itself, or instead to approve a redirection of fiscal year 2007 State and Tribal Assistance Grant (STAG) air quality management funds to OAQPS for implementation of the PEP and NPAP in 2007. Implementation of the PEP program for PM_{2.5} monitoring stations with STAG funds is the status quo; implementation of the NPAP program for ozone/CO/SO₂/NO₂/lead stations with STAG funds would be a change from the past practice of OAQPS funding. Because PEP programs costs are declining in 2007, at the national level the combined holdback of STAG funds for PEP and NPAP would be the same as for PEP alone in 2005, assuming all States opt to have OAQPS implement both programs. A monitoring organization intending to implement either or both of these programs itself rather than through EPA has several alternatives. It could have an independent group within the same State/local agency perform the audits, enter into an agreement with a sister State/local agency or neighboring state or multi-state agency, or hire an independent contractor to conduct the audits and report the data.

This information is needed to identify and plan the distribution of FY2007 STAG funds. Also, this information will better allow us to provide technical assistance to monitoring organizations that wish to take over this function in calendar year 2007. We need to receive responses from a responsible level of each monitoring organization by July 15, 2006. A draft letter for this purpose has been shared with your monitoring staff to give you a head start. You may, of course, edit the draft letter according to your preferences.

We in OAQPS have been discussing changes in the approach to funding and conducting independent monitoring station audits with State and local monitoring officials over the past year, as we indicated we would in the FY2006 Program Guidance issued in April 2005. OAQPS and the Regions discussed this in phone calls during the development of the 2006 Guidance, at the Air Program Managers (APM) meeting in May 2005, and at the Regional Air Division Directors (RADD) meeting in Boston in June 2005. We have been working with Region 4, the sublead Region for ambient monitoring, since then.

We originally proposed reducing the ozone precursor monitoring program (PAMS) and shifting funds to pay for monitoring station audits. We heard about the importance of PAMS monitoring and about State/local uses of PAMS data at a meeting in Chicago in October 2005. Based on these discussions, we are not adopting our original proposal to shift STAG funding away from PAMS monitoring to support OAQPS implementation of the audit programs. Instead, we plan to place implementation responsibility for an adequate and independent audit program with each monitoring organization, but also to offer each organization the option of continuing to have OAQPS implement the audits using a small portion of the STAG funds that otherwise would be given to the organization as part of its STAG grant.

On January 17, 2006, the Administrator proposed changes to the monitoring regulations consistent with this approach.¹ The comment period on this rulemaking proposal ended April 17, 2006, and the final rule will be signed before the start of FY2007. This approach is also described in the final National Program and Grant Guidance for FY2007.

The proposed changes in the monitoring regulations leave to guidance the specification of the level of auditing effort that constitutes an "adequate and independent" audit program. The attachments to this memo contain our current position on adequacy and independence. We are aware that State/local leaders are concerned about all STAG funding holdbacks in light of proposed STAG reductions in FY2007. We will continue to consider State/local comments on this guidance, and we will adjust the STAG holdbacks to reflect any change in the amount of auditing called for in the guidance. Also, the amount of auditing needed in CY2007 will depend on what monitoring stations are operational, which in turn may depend on the enacted FY2007 STAG budget. If funds held back under the plan described in this memo prove to be in excess of what is needed to implement an adequate audit program for a given State, the excess funds will be returned to the Regional Office for distribution.

¹ 71 FR 2726-2727 and 2784, January 17, 2006.

We proposed the process described in the attachments to the National Ambient Air Monitoring Steering Committee members in January at our Tampa meeting. Although the Committee has conveyed concerns, the Committee members understand the proposed process and are aware this information request is coming. We have also described this process on a special STAPPA/ALAPCO Monitoring Committee call and have been describing it on various calls the EPA Regions have set up with their monitoring organizations. However, your own counterparts in State/local air agencies in your Region may not yet be aware of this proposal.

We are not proposing that funds be held back from the Tribal STAG allocation for auditing programs for air monitoring stations. Tribes are not now, and even under our current proposed rule amendments would not be, required by regulation to ensure the implementation of an adequate and independent audit program. However, such a program is necessary for a Tribe to be certain that data from tribal monitors can be compared to the NAAQS. Each Tribal grant that supports air monitoring with this objective should require the Tribe to develop a quality assurance project plan that includes this auditing element in some form. We will continue to work with your staff, the Tribal Air Monitoring Support Center in Las Vegas, and tribal monitoring staff to plan and implement audits of tribal monitoring stations through a flexible suite of approaches.

Background

The following information provides some basic background. Additional technical details of the two programs and the Federal costs of implementation can be found in the attachments.

The PEP and NPAP are performance evaluations, which are a type of audit where quantitative data are collected independently in order to evaluate the proficiency of an analyst, a laboratory, and in this case, automated monitors and sampling/analytical methods. The programs, as currently implemented, have led different lives:

- NPAP was initially implemented by ORD as a mailable audit and was funded by EPA. Since 1999, OAQPS has been implementing the program and has largely transitioned it to a through-the-probe audit system. The audits are usually conducted by contractors or EPA Regional Office Staff. OAQPS has funded this program through FY06 at about \$500K. Our proposed amendments to the air monitoring regulations, if finalized, will make monitoring organizations responsible for ensuring the implementation of these audits².

² In 2000, EPA and representatives from the State, Local, and Tribal monitoring communities embarked on the development of a new monitoring strategy. The latest draft document titled *National Ambient Air Monitoring Strategy*, dated December 2005, can be found at the following website: <http://www.epa.gov/ttn/amtic/monitor.html>. A Quality Assurance (QA) Strategy Workgroup was formed to address the quality system aspects of the Ambient Air Monitoring Program. One recommendation by the QA Strategy Workgroup was to incorporate the vital QA components into the "cost of monitoring" so that funding for these activities would coincide with the fluctuations of monitoring costs. Therefore, the QA Strategy Workgroup recommended that the NPAP costs (similar to PEP) be funded from the STAG allocation. This Workgroup recommendation led us to propose revising the ambient air QA requirements in 40 CFR Part 58 Appendix A to ensure the responsibility of implementing NPAP and PEP rested with the monitoring organizations and that annually, the monitoring organizations could determine to utilize the federally implemented NPAP or PEP programs or implement the programs themselves.

- PEP started in 1999 and is being implemented by the EPA Environmental Services Team Contract using a portion of the 103 STAG funds dedicated to PM_{2.5} monitoring. In FY06, about \$1.7 million in STAG funds will be used for this purpose. This process was mutually agreed upon by OAQPS and the monitoring organizations during the implementation stages of the PM_{2.5} program. Each year, each monitoring organization can decide to implement the PEP itself. So far, the two reporting organizations in Illinois are the only monitoring organizations implementing the PEP. Our proposed amendments to the air monitoring regulations, if finalized, will reduce the implementation costs of the PEP by about \$200K in FY2007.

If a monitoring organization plans on implementing the PEP or NPAP, the programs must meet some minimal levels of adequacy and independence. These objectives are described in more detail in the attachments. Adequacy and independence serve to make a monitoring organization's program comparable to our Federal PEP and NPAP programs.

Program Costs

Table 1 provides a reasonable cost estimate for Federal implementation of both the programs, assuming all State and Local monitoring organizations would opt for Federal implementation. For the past 5 years, the average STAG allocation for PEP covering all State and Locals (with the exception of Illinois) has been approximately \$1.9 million. It was reduced to \$1.7 million for FY2006. Anticipating acceptance of the proposed PEP reduction, OAQPS estimates the FY2007 PEP costs to be about \$1.5 million. For FY2007, NPAP is estimated at approximately \$400K for Federal implementation for all State and local agencies (with the exception of the California Air Resources Board which already has an adequate and independent NPAP program in place)³. Combining both programs and implementing them with contractor support would require \$1.9 million, similar to the historical PEP funding.

Table 1. Estimated STAG costs for Federal PEP/NPAP Implementation for All State and Local Monitoring Organizations

Program	Past 5 Years	FY06		FY07	
	105	103	105	103	105
PEP	1.9	1.7	0	0	1.5
NPAP	0	0	0	0	0.4
Total	1.9	1.7	0	0	1.9

For CY2007 implementation, Table 2 identifies our current understanding regarding the approximate number of sites that will need to be audited (based on stations in operation in 2004), the planned NPAP practice of each EPA Region, i.e., the percentage of sites that will be audited by contractors versus EPA Regional Office personnel, and the per-site cost estimate for the monitoring organizations in that Region for the NPAP.

³ There may be other states, such as Florida, whose current audit program for gases meet or nearly meet the adequate and independent criteria.

Table 2. EPA Regions Percentage Use of Contractor or Federal Personnel for NPAP

Region	Approximate Number of Sites to be Audited	Percent of Sites Audited by Contractors	Percent of Sites Audited by Regional Office Staff	STAG Cost per site (\$)	STAG Cost Total (\$)
1	12		100	200	2,480
2	14		100	470	6,768
3	26	100		2,200	56,320
4	45	100		2,200	99,440
5	48	100		2,200	106,480
6	21	100		2,200	45,760
7	12	30	70	1,185	14,931
8	11	100		2,200	25,080
9	13*	100		2,200	29,480
10	7	100		2,200	14,960

*CA not included in total since a TTP program is currently implemented

Attachment 2 provides four detailed cost spreadsheets: one for implementation using contractors, and three using Federal personnel in EPA Regions 1, 2, and 7, as you can see, Regions that have Federal personnel available for this activity substantially reduce the implementation costs chargeable to STAG funds. There are many advantages to this approach; however, there are also risks if new priorities, a reduction in force, or illness require Regions currently using Federal employees to request additional resources from monitoring organizations at a later date. Differences in federally implemented regional costs in Attachment 2 Tables 2-4 are associated with the availability of EPA funds within the Region to cover some of the implementation costs. Attachment 3 provides a more detailed breakdown of the costs by reporting organization, State, and EPA Region, based on the number of sites designated as SLAMS/NAMS/PAMS.

All Regions will be using contractors to implement the PEP program which has been estimated as \$2,000/site. The \$2,000 includes all field, analytical, data management, and reporting costs. If the proposed PEP approach is accepted, monitoring organizations with five or fewer sites will be required to produce five valid audits. For completeness purposes, OAQPS has added one extra audit per year so the monitoring organization's federally implemented PEP costs would be \$12,000/year (six times \$2000). For organizations with greater than five sites, nine PEP audits are required (eight plus one for completeness) which would be \$18,000/year (nine times \$2,000).

Implementation Decision Process

We request that the EPA Regions contact each reporting organization that operates NAMS/SLAM/PAMS sites and ask it to decide the following by July 15, 2006, for CY2007 implementation:

- Whether they will implement the PEP themselves.
- Whether they will implement the NPAP themselves.

A "no" to either answer will indicate that the monitoring organization, for calendar year 2007, approves the redirection of FY07 STAG funds to EPA for Federal implementation for the program marked "no." Attachment 4 provides the information we would like to obtain from each monitoring organization. We will assemble this information from all Regions and utilize it to make STAG allocations.

As part of the grant allocation process, OAQPS will work with OAR to have the indicated amounts of STAG funds be redirected to OAQPS for all monitoring organizations that as of now are not implementing the PEP or NPAP programs, even for those organizations declaring by July 15, 2006, their intent to begin performing the work. If the monitoring organization demonstrates its capability to implement the PEP and NPAP to the EPA Region by September 30, 2006, the redirected funds will be distributed back to the Regional Office to be awarded to the monitoring organization. This process will ensure that funds will be available to have the PEP and NPAP programs implemented by OAQPS for those organizations, if any, which currently plan to begin implementing the PEP and NPAP but for some reason encounter implementation delays after July 15. As mentioned above, if the funds held back for any State turn out to be greater than needed for auditing in that State, the excess funds will be returned to your Regional allocation for distribution. Be aware that we will begin spending FY2007 funds in January 2007, regardless of the start date of FY2007-funded 105 grants to individual states. STAG funds used for audits will not be counted in calculating State match requirements.

I would appreciate the Regions filling out Attachment 4 for each monitoring organization under your responsibility by July 15. If you have questions about the general approach described here, please contact Phil Lorang, Monitoring Group Leader (919-541-5463), or Michael Papp, QA Team Leader (919-541-2408). If you have any technical questions on the PEP or NPAP Programs, please contact Dennis Crumpler, PEP Coordinator (919-541-0871), or Mark Shanis, NPAP Coordinator (919-541-1323).

Attachments

cc: Air Program Managers, EPA Regions 1-10
Jerry Stubberfield, OAQPS
William Houck, OAR

Attachment 1

Additional Details on the Performance Evaluation Program (PEP) and National Performance Audit Programs (NPAP)

The following information is intended to provide background on the current and proposed requirements for the implementation of the PM_{2.5} (and eventually PM_{10-2.5}) Performance Evaluation Program (PEP) and the National Performance Audit Program (NPAP) for NAAQS gases in order to help State and Local monitoring organizations make an informed decision to implement these performance evaluations themselves or approve a redirection of FY07 State and Tribal Assistance Grant (STAG) air quality management funds to EPA for implementation of these audit activities as associated program support.

Background

The PEP and NPAP are performance evaluations, which are a type of audit where quantitative data is collected independently in order to evaluate the proficiency of an analyst, a laboratory, and in this case, automated monitors and sampling/analytical methods. Both programs:

- Allow one to determine data comparability and usability across sites, networks, instruments and laboratories.
- Provide a level of confidence that monitoring systems are operating within an acceptable level of data quality so data users can make decisions with acceptable levels of certainty.
- Verify the precision and bias estimates reported by the monitoring organizations.
- Assure the public of non-biased assessments of data quality.
- Provide a quantitative mechanism for EPA to defend the quality of data.
- Provide information to monitoring organizations on how they compare with the rest of the nation, in relation to the acceptance limits, and to assist in corrective actions and/or data improvements.

The programs, as currently implemented, have led different lives:

- NPAP was initially implemented by ORD as a mailable audit and was funded by EPA. Since 1999, OAQPS has been implementing the program and has largely transitioned it to a through-the-probe audit system. The audits are usually conducted by contractors or EPA Regional Office Staff. OAQPS has funded this program through FY06 at about 500K. Our proposed amendments to the air monitoring regulations, if finalized, will make monitoring organizations responsible for ensuring the implementation of these audits.
- PEP started in 1999 and is being implemented by the EPA Environmental Services Team Contract using a portion of the 103 STAG funds dedicated to PM_{2.5} monitoring. In FY2006, about 1.7 million in STAG funds will be used for this purpose. This process was mutually agreed upon by OAQPS and the monitoring organizations during the implementation stages of the PM_{2.5} program. Each year, each monitoring organization can decide to implement the PEP itself. So far, the two reporting organizations in Illinois

are the only monitoring organizations implementing the PEP. Our proposed amendments to the air monitoring regulations, if finalized, will reduce the implementation costs of the PEP by about \$200K in FY07.

In 2000, EPA and representatives from the State, Local and Tribal monitoring communities embarked on the development of a new monitoring strategy. The latest draft document titled *National Ambient Air Monitoring Strategy*, dated December 2005, can be found at the following website: <http://www.epa.gov/ttn/amtic/monitor.html>. A QA Strategy Workgroup was formed to address the quality system aspects of the Ambient Air Monitoring Program. One recommendation by the QA Strategy Workgroup was to incorporate the vital QA components into the “cost of monitoring” so that funding for these activities would coincide with the fluctuations of monitoring costs. Therefore, the QA Strategy Workgroup recommended that the NPAP costs (similar to PEP) be funded from the STAG allocation.

Following the QA Strategy Workgroup recommendations, EPA has proposed to amend the ambient air quality system requirements, 40 CFR Part 58 Appendix A, to strengthen the language identifying the monitoring organizations’ responsibilities for the implementation of the NPAP and PEP. The following is an excerpt from proposed Appendix A language:

Monitoring plans or QAPPs shall provide for the implementation of a program of independent and adequate audits of all monitors providing data for NCore and PSD including the provision of adequate resources for such audit programs. A monitoring plan (or QAPP) which provides for monitoring organization participation in EPA’s National Performance Audit Program (NPAP) and the PM_{2.5} Performance Evaluation Program (PEP) program and which indicates the consent of the monitoring organization for EPA to apply an appropriate portion of the grant funds, which EPA would otherwise award to the monitoring organization for monitoring activities, will be deemed by EPA to meet this requirement. (40 CFR Part 58 Appendix A Section 2.4)

This proposed requirement provides for either the implementation of independent and adequate programs by and at the monitoring organization level or for redirecting STAG funds to EPA for Federal implementation¹.

Two terms in this language, independent and adequate, are more thoroughly defined below.

PEP Definitions of Adequate and Independent.

Adequate - Adequate for the PEP is defined in 40 CFR Part 58 Appendix A Section 3.5.3 of the current rule or 3.2.6 of the new proposed rule (published 1/17/06). Since it is not known which requirement will be in place in CY07, the following information provides a brief description of the major aspects of each requirement.

¹ This proposal change in Appendix A and the funding approval described in this memo supercede a previous proposal to reduce PAMS funding and shift funding to NPAP implementation, starting in FY 2007, as described in the FY 2006-2008 National Program Grant Guidance.

Current Rule

- 25 percent of the sites within a reporting organization must receive a PEP audit.
- Each site must receive 4 audits.
- The 4 audits would be distributed across the 4 quarters.
- Completeness of 75 percent.
- All samplers subject to an audit within 4 years.

Proposed Rule

- Primary quality assurance organizations with 5 or less PM_{2.5} monitoring sites would be required to have 5 valid audits per year distributed across the 4 quarters; primary quality assurance organizations with greater than 5 sites would be required to have 8 valid audits per year distributed across the 4 quarters.
- 100 percent completeness (meaning whatever it takes to get 5 or 8 valid samples).
- All samplers subject to an audit within 6 years.

With either rule in place, the PEP has more stringent implementation requirements. The definition of adequate will include conforming to the important aspects of the PEP Field and Laboratory SOPs and quality assurance project plan requirements. Some leeway will be given to requirements for information management since monitoring organizations may be using different database systems.

Independent- The following (Fig 1) guidance comes directly from the 1998 PEP Implementation Plan which can be found on AMTIC <http://www.epa.gov/ttn/amtic/pmpep.html>

Independent assessment - an assessment performed by a qualified individual, group, or organization that is not part of the organization directly performing and accountable for the work being assessed. This auditing organization must not be involved with the generation of the routine ambient air monitoring data. An organization can conduct the PEP if it can meet the above definition and has a management structure that, at a minimum, will allow for the separation of its routine sampling personnel from its auditing personnel by two levels of management, as illustrated in Figure 1. In addition, the pre and post sample weighing of audit filters must be performed by separate laboratory facility using separate laboratory equipment. Field and laboratory personnel would be required to meet the PEP field and laboratory training and certification requirements. The auditing organizations are also asked to consider participating in the centralized field and laboratory standards certification process.

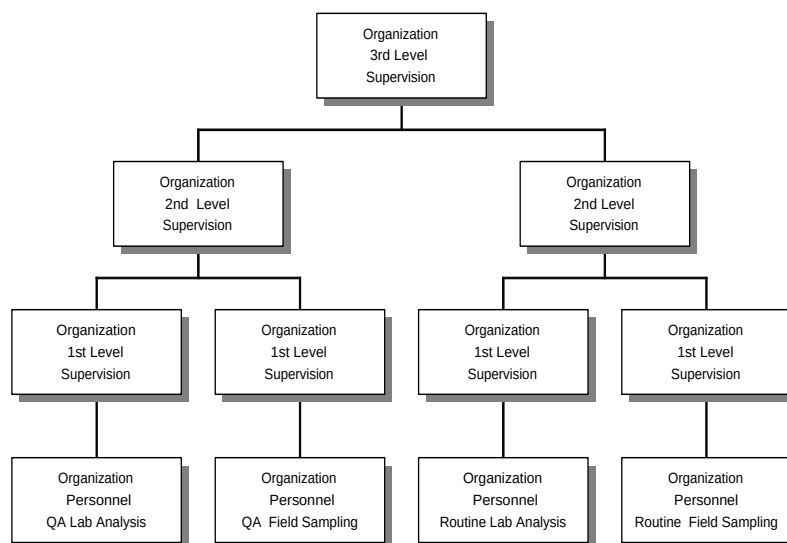


Figure 1

NPAP Definitions of Adequate and Independent.

Adequate- The following criteria is proposed as a definition of adequate for NPAP:

- Performing audits at 20 percent of monitoring sites.
- Data submission to AQS.
- Development of a delivery system that will allow for the audit concentration gasses to be introduced to the probe inlet where logistically feasible.
- Use of audit gasses that are NIST certified and validated once a year.
- For national comparability, validation/certification with the EPA NPAP program through collocated auditing, at an acceptable number of sites each year. The comparison tests would have to be no greater than 5 percent different from the EPA NPAP results.
- Incorporation of NPAP in the monitoring organization's quality assurance project plan.

Independence- Independence will be proposed in guidance using the PEP 1998 definition with minor wording revisions for NPAP as written below:

***Independent assessment** - an assessment performed by a qualified individual, group, or organization that is not part of the organization directly performing and accountable for the work being assessed. This auditing organization must not be involved with the generation of the routine ambient air monitoring data. An organization can conduct the NPAP if it can meet the definition and has a management structure that, at a minimum, will allow for the separation of its routine sampling personnel from its auditing personnel by two levels of management, as illustrated in Figure 1.*

Program Costs

In order to help State and Local monitoring organizations make an informed decision, this section provides information on the program costs.

National Cost Estimate. Table 1 provides a reasonable cost estimate for Federal implementation of both the programs, assuming all State and Local monitoring organizations would opt for Federal implementation. For the past 5 years, the average STAG allocation for PEP covering all State and Locals (with the exception of IL) has been approximately \$1.9 million. It was reduced to 1.7 million for FY2006. Anticipating acceptance of the proposed PEP reduction, OAQPS estimates the FY07 PEP costs to be about \$1.5 million. For FY07, NPAP is estimated at approximately \$400K for Federal implementation of all State and Locals (with the exception of CARB which has an NPAP program in place). Combining both programs and implementing them with contractor support would require \$1.9 million, similar to the historical PEP funding.

Table 1 Estimated STAG costs for Federal PEP/NPAP Implementation for all State and Local Monitoring Organizations

Program	Past 5 Years	FY06		FY07	
	105	103	105	103	105
PEP	1.9	1.7	0	0	1.5
NPAP	0	0	0	0	0.4
Total	1.9	1.7	0	0	1.9

PEP Program Costs. Section 5 of the PEP Implementation Plan, developed in 1998 and currently posted on AMTIC (<http://www.epa.gov/ttn/amtic/pmpep.html>), provides a reasonable assessment of the resource costs to operate the program. The information, when broken down on a per site basis, comes to approximately \$2,000/site. The \$2,000 includes all field, analytical, data management and reporting costs. If the proposed PEP approach is accepted, monitoring organizations with 5 or fewer sites will be required to produce 5 valid audits. For completeness purposes, OAQPS has added one extra audit per year so the monitoring organizations federally implemented PEP costs would be \$12,000/year (6* \$2000). For organizations with greater than 5 sites, 9 PEP audits are required (8 plus 1 for completeness) which would be \$18,000/year (9* \$2,000). It must be noted that there will be significant start-up costs associated with equipment and consumable purchases that the monitoring organizations will face if they plan on implementing the PEP. OAQPS can provide details on these costs.

NPAP Program Costs. Two cost estimates are made for the federally implemented program; one assuming contactors perform the audits and a second assuming EPA personnel perform the audits.

Contractor Implemented NPAP --

Costs estimates for the NPAP are a little more complicated due to the potential to combine PEP and NPAP activities in some weeks and not in others. For the overall per site cost estimate, OAQPS developed an implementation scenario where a mobile NPAP laboratory is operated 19 weeks a year: 5 weeks solely doing NPAP audits and 14 weeks where the PEP and NPAP audits are combined. Table 1 of Attachment 2 provides the spreadsheet estimates for this scenario.

Using the 19 week scenario, and including funds for the mailable system, training, and data management, the estimated per site cost is \$2200. Therefore, a monitoring organization can estimate the Federal costs of NPAP, if the EPA Region is using contractors, by calculating 20 percent of their gaseous pollutant FRM/FEM monitoring sites (not individual monitors) and multiplying that value by \$2200. Similar to PEP, the federally implemented NPAP realized significant start-up costs. This cost information can also be provided to the monitoring organizations.

EPA Implemented NPAP --

There are a number of Regions which have opted to perform the implementation of the NPAP with Federal personnel and based upon other internal resources being available, have different costs estimates. The non-personnel cost for Federal implementation, including the supporting infrastructure, is estimated at about \$ 200/site for Region 1, \$470/site for Region 2 and \$750/site for Region 7. Since Region 7 will perform audits at 70% of the sites with Federal personnel and 30% of the sites with contract personnel, the average cost per site is \$1185. Tables 2-4 in Attachment 2 provide the estimates for the three Regional implementation scenarios.

Other Costs associated with NPAP --

Equipment Replacement- A cost that will not be realized in the next few years is the replacement costs for the mobile laboratories and audit equipment. The costs for the existing mobile NPAP labs have already been incurred by OAQPS. An allowance for eventual replacements is not included in the per site cost estimates but by 2009 the federally implemented program will need to start phasing in purchases of new equipment or mobile laboratories. During the appropriate grant funding cycle, OAQPS will include additional capital costs for equipment/laboratory replacement and will allocate the costs across all participating monitoring organizations.

Mailable Audit -Another added cost is the maintenance of a mailable audit system for those remote areas (e.g., Hawaii or Puerto Rico, access restricted areas) where a through-the-probe system can not currently be transported. It is proposed that a cost of 30K for the “sentinel” mailable program be distributed across all monitoring organizations and is included in the per site costs.

For CY07 implementation, Table 2 identifies OAQPS current understanding regarding the EPA Regions and percentage of sites that will be audited by contractors versus EPA Regional Office personnel, and the per site cost estimate for the monitoring organizations in that Region.

Table 2. EPA Regions percentage use of contractor or Federal personnel for NPAP

Region	Approximate Number of Sites to be Audited	Percent of Sites Audited by Contractors	Percent of Sites Audited by Regional Office Staff	STAG Cost per site (\$)	STAG Cost Total (\$)
1	12		100	200	2,480
2	14		100	470	6,768
3	26	100		2,200	56,320
4	45	100		2,200	99,440
5	48	100		2,200	106,480
6	21	100		2,200	45,760
7	12	30	70	1,185	14,931
8	11	100		2,200	25,080
9	13*	100		2,200	29,480
10	7	100		2,200	14,960

*CA not included in total since a TTP program is currently implemented

Attachment 3 provides a more detailed break down of the costs by Region, state and monitoring organization based on the number of sites designated as SLAMS or PAMS.

For those monitoring organizations deciding to implement NPAP themselves there will still be a Federal cost incurred for NPAP since the federally implemented NPAP will be required to certify the monitoring organization's program once a year. Monitoring organizations can use Table 2 to determine the cost of this certification.

Loans of Federal NPAP TTP Equipment and Mobile Laboratories

NPAP equipment, when not in use by contractors or EPA personnel for Federal implementation, can be made available for use by monitoring organizations, as long as its programs meet the definitions of adequate and independent. There are a number of details such as liability, adequate training, scheduling (more than one monitoring organization might want to borrow equipment), maintenance and calibration that must be discussed and negotiated. Due to the number of details that would need to be addressed, reasonable per site cost estimates for State and Local NPAP implementation utilizing federally furnished equipment can not be provided in this document. The EPA Regions will need to communicate with the monitoring organizations to work out the details of these loans while maintaining the equipment in proper working order.

Implementation Decision Process

We request that each monitoring organization decide the following by July 15, 2006 for calendar year 2007 implementation:

- Whether they will implement the PEP themselves.
- Whether they will implement the NPAP themselves.

A “no” to either answer will indicate that the monitoring organization, for calendar year 2007, approves the redirection of FY07 STAG funds to EPA for Federal implementation for the program marked “no”. Attachment 4 provides the information we would like to obtain from each monitoring organization.

The following steps and dates have been established to provide the monitoring organizations time to make an informed decision while ensuring that there is no break in service of either the PEP or NPAP programs.

Task 1	Decision Memo March, 2006	This memo, distributed by the EPA Regions, will alert SLTs about making a decision to implement PEP or NPAP or to redirect funds to EPA for implementation. OAQPS will create a list (Implementation List) that it will update each year of those organizations performing PEP and NPAP and will assume they will continue to unless OAQPS is notified. In the future, this memo would be distributed in January.
Task 2	SL Decision April- July 15, 2006	SLTs will make an implementation decision and inform the appropriate EPA Regions.
Task 3	Implementation List July 30, 2006	Organizations deciding to implement PEP or NPAP in the current planning period will be added to the list. The list will contain all reporting organizations implementing NPAP or utilizing the Federal program and will be posted on AMTIC. The list will also include a preliminary start date for the monitoring organization-implemented programs in order to schedule certification activities.
Task 4	SL Capability Determination September 30, 2006	Any SLT planning on implementing at the start of the following calendar year must have in place: equipment, personnel, and a plan to meet the requirements for independence and adequacy. Programs determined capable, by the EPA Region, would have the redirected STAG funds returned to monitoring organization.
Task 5	Site Selection October-November, 2006	In order to develop appropriate contract costs for the calendar year, sites for both the PM _{2.5} PEP and the NPAP are selected by the SLT and EPA in this time period. EPA would only implement NPAP to those organizations accepting Federal implementation or not ready for internal implementation.

NOTE: As part of the grant allocation process, OAQPS will work with OAR to have the indicated amounts of STAG funds be redirected to OAQPS for all monitoring organizations that, for the current year, are not implementing the PEP or NPAP programs, even for those organizations declaring their intent to perform the work by July 15, 2006. If the monitoring organization demonstrates its capability to implement the PEP and NPAP to the EPA Region by September 30, 2006, the redirected funds will be distributed back to the Regional Office to be awarded to the monitoring organization. This process will ensure that the PEP and NPAP programs will be federally implemented for those organizations planning on implementing the PEP and NPAP but for some reason have encountered implementation delays.

Attachment 2

Cost Estimates for NPAP

Table 1 - Cost Estimates Using Contractor Support

Table 2 - Region 1 Support with Federal Personnel

Table 3 - Region 2 Support with Federal Personnel

Table 4 - Region 7 Support with Federal Personnel

Attachment 2, Table 1. NPAP TTP Cost Scenarios Without Depreciation Costs

Assumptions

Number of weeks operating	19
Number full TTP Weeks	5
Number TTP/PEP Weeks	14

Weekly Cost- TTP Full Week

Mobile PE Lab Costs

Cost Break Down	Day 1	Day 2	Day 3	Day 4	Day 5	Total Cost	Sites Audited	
Sites audited		1		1.5			2.5	
Miles	200	30	100	30	200	560		12 mile/gallon
Fuel	42	6	21	6	42	117		2.5 price per gallon
Labor	500	500	500	500	500	3829		50 dollars/hour (using 10 hour days)
Managment	142	142	142	142	142	711		13500 dollars /year (15 hours/mo \$75/hour)
Perdiem (\$130/day)	130	130	130	130	98	618		
Vehicle Repair (ave)	53	53	53	53	53	263		5000 per year
Lab replacement	0	0	0	0	0	0		0 10 years depreciation
Equipment Replacement	0	0	0	0	0	0		0 10 years depreciation
Instrument Certification	26	26	26	26	26	132		2500 per year
IT and Reporting	21	21	21	21	21	105		2000 per year
Miscellaneous	32	32	32	32	32	158		3000 per year repairs and consummables
Costs	945	910	925	910	913	5932		Cost per week/lab
						2373		Cost/site

Weekly Scenario (TTP Costs 2 days and PEP 3 days)

Mobile PE Lab Costs

Cost Break Down	Day 1	Day 2	Day 3	Day 4	Day 5	Total Cost	Site Audited	
Sites Audited			1.5				1.5	
Miles	200	30	100	30	200	560		12 mile/gallon
Fuel	42	6	21	6	42	117		2.5 price per gallon
Labor	500	0	0	0	400	900		50 dollars/hour
Program Management	142				142	284		13500 dollars /year (15 hours/mo \$75/hour)
Perdiem (\$130/day)	130	0	0	0	98	228		
Vehicle Repair (ave)	53	53	53	53	53	263		5000 per year
Lab replacement	0	0	0	0	0	0		0 10 years depreciation
Equipment Replacement	0	0	0	0	0	0		0 10 depreciation
Instrument Certification	26	26	26	26	26	132		2500 per year
IT and Reporting	21	21	21	21	21	105		2000
Miscellaneous	32	32	32	32	32	158		3000 per year repairs and consummables
Costs	945	138	152	138	813	2187		Cost per week/lab
						1458		Cost/site

	Weeks	Costs	Num Sites
Total PEP/TTP	14	30615	21
Total full TTP	5	29658	12.5
Total	19	60273	33.5

	Regions	Cost			
Total 6 mobile laboratories	6	361637.263	201	ave cost/site	1799

Mailable Program	30000			
Training	32679			12 contractors 1 week training (50% paid by PEP)
IT	10000			National database development, input
Total	6	434316		ave cost/site 2161

Attachment 2, Table 2 Region 1 NPAP TTP Cost Scenario with Federal Implementation

Assumptions	
Number of weeks operating	10
Number full TTP Weeks	10
Number TTP/PEP Weeks	0

Weekly Cost- TTP Full Week

Mobile PE Lab Costs							
Cost Break Down	Day 1	Day 2	Day 3	Day 4	Day 5	Total Cost	ites Audited
Sites audited		1		1.5			2.5
Miles	200	30	100	30	200	560	12 mile/gallon
Fuel	0	0	0	0	0	0	0 price per gallon
Labor	0	0	0	0	0	0	0 EPA Labor
Managment	0	0	0	0	0	0	0
Perdiem (\$130/day)	0	0	0	0	0	0	
Vehicle Repair (ave)	0	0	0	0	0	0	0
Lab replacement	0	0	0	0	0	0	0
Equipment Replacement	0	0	0	0	0	0	0
Instrument Certification	0	0	0	0	0	0	0 per year
IT and Reporting	0	0	0	0	0	0	0 per year
Miscellaniuous	0	0	0	0	0	0	0 per year repairs and consummables
Costs	0	0	0	0	0	0	Cost per week/lab
						0	Cost/site



Mailable Program	30000					
Training	0					Cannot use STAG funds for Federal training
IT	10000		Total Audits	Costs/site	Total	National database development, input
Total	0	40000	201	199	199	\$200site for Federal Implementation

Attachment 2, Table 3 Region 2 NPAP TTP Cost Scenario with Federal Implementation

Assumptions	
Number of weeks operating	10
Number full TTP Weeks	10
Number TTP/PEP Weeks	0

Weekly Cost- TTP Full Week

Mobile PE Lab Costs							
Cost Break Down	Day 1	Day 2	Day 3	Day 4	Day 5	Total Cost	ites Audited
Sites audited		1		1.5			2.5
Miles	200	30	100	30	200	560	12 mile/gallon
Fuel	46	7	23	7	46	128	2.75 price per gallon
Labor	0	0	0	0	0	0	0 EPA Labor
Managment	0	0	0	0	0	0	0
Perdiem (\$130/day)	0	0	0	0	0	0	
Vehicle Repair (ave)	0	0	0	0	0	0	GSA Lease
Lab replacement	0	0	0	0	0	0	0
Equipment Replacement	0	0	0	0	0	0	0
Instrument Certification	50	50	50	50	50	250	2500 per year Gas Standards
IT and Reporting	0	0	0	0	0	0	0 per year
Repairs and Consumables	60	60	60	60	60	300	3000 per year Increased Wear and Tear
Costs	156	117	133	117	156	678	Cost per week/lab
						271	Cost/site



Mailable Program	30000					
Training	0					Cannot use STAG funds for Federal training
IT	10000		Total Audits	Costs/site	Total	National database development, input
Total	0	40000	201	199	470	\$470/site for Federal Implementation

Attachment 2, Table 4 Region 7 NPAP TTP Cost Scenario with Federal Implementation

Assumptions	
Number of weeks operati	10
Number full TTP Weeks	10
Number TTP/PEP Weeks	0

Weekly Cost- TTP Full Week

Mobile PE Lab Costs							
Cost Break Down	Day 1	Day 2	Day 3	Day 4	Day 5	Total Cost	ites Audited
Sites audited		1		1.5			2.5
Miles	200	30	100	30	200	560	12 mile/gallon
Fuel	46	7	23	7	46	128	2.75 price per gallon
Labor	0	0	0	0	0	0	0 EPA Labor
Managment	0	0	0	0	0	0	0
Perdiem (\$130/day)	0	0	0	0	0	0	0
Vehicle Repair (ave)	100	100	100	100	100	500	5000 per year
Lab replacement	0	0	0	0	0	0	0
Equipment Replacement	0	0	0	0	0	0	0
Instrument Certification	50	50	50	50	50	250	2500 per year
IT and Reporting	40	40	40	40	40	200	2000 per year
Miscellaneous	60	60	60	60	60	300	3000 per year repairs and consummables
Costs	296	257	273	257	296	1378	Cost per week/lab
						551	Cost/site



Mailable Program	30000					
Training	0					Cannot use STAG funds for Federal training
IT	10000		Total Audits	Costs/site	Total	National database development, input
Total	0	40000	201	199	750	\$750/site for Federal Implementation

Attachment 3

Costs Associated with Federal Implementation of NPAP Aggregated by Reporting Organization, State and Region

Costs are based on CY2004 data for gaseous pollutant sites designated as NAMS/SLAMS/PAMS. Three cost/site values were used depending on whether contractors or Federal personnel will be used in CY07.

Region 1	\$200/site (100% Federal personnel)
Region 2	\$470/site (100% Federal personnel)
Region 7	\$1185/site (30% contractor 70% Federal)
All other Regions	\$2200/site (100% contractor)

Information regarding the columns:

- **Columns 1-5** – Basic AQS information regarding the site: 1) Region, 2) State, 3) AQS Site ID, 4) Pollution Occurrence Code, and 5) Reporting Organization
- **Columns 6-9** – Are the 4 gaseous pollutants for each site and the number of observations reported for each pollutant in 2004. A blank does not necessarily mean that there is not an instrument at that site, but that there was no data reported. However, in most cases, the instrument was probably not at the site.
- **Columns 10-13**- Identifies whether the instrument at the site is designated NAMS (N), SLAMS (S) or PAMS (P) and unofficial PAMS (UP). In addition, sites that have observations but are not designated as NAMS/SLAMS/PAMS are shaded in pink and are not subject to an NPAP audit for 2007.
- **Column 14**- This “SITES” column is utilized whenever a monitoring site has at least 1 NAMS/SLAM/PAMS instrument designated. The column is then marked with an “X” and is used for counting NAMS/SLAM/PAMS sites within a reporting organization, state, or region.
- **Columns 15-17**- provide costs for reporting organization (column 15), state (column 16), or region (column 17) based on the cost/site values described above.

NOTE: These are cost estimates and any actual FY07 hold back will be based on information that the Regional Offices collect about the number of sites expected to be operating in 2007.

Attachment 3

Federal NPAP Costs to Monitoring Organizations

Annual Summary Year:2004

Reg	St	AQS No.	POC	RO No.	42101 CO Obs	42401 SO2 Obs	42602 NO2 Obs	44201 O3 Obs	42101 CO	42401 SO2	42602 NO2	44201 O3	SITES	Cost/RO	Cost/State	Cost/Region
01	09	090010012	1	0251		8735		4197		N		S	X			
01	09	090010017	1	0251									X			
01	09	090010020	1	0251	8514				S				X			
01	09	090011123	1	0251		8740		4374		S		S	X			
01	09	090012124	1	0251		8701				S			X			
01	09	090013007	1	0251				4375				N	X			
01	09	090019003	1	0251		8522	8223	4343			P	P	X			
01	09	090030017	1	0251	8586				N				X			
01	09	090031003	1	0251	8719		8607	8733	S		P	P	X			
01	09	090032006	1	0251		8300				N			X			
01	09	090050005	2	0251				4149								
01	09	090070007	1	0251				4333				N	X			
01	09	090090025	1	0251	8436				S				X			
01	09	090090027	1	0251		7869	7558	4373		S	S	S	X			
01	09	090091123	X	0251		850	960			N	S		X			
01	09	090092123	1	0251		8577				S			X			
01	09	090093002	1	0251				3653				S	X			
01	09	090110008	1	0251				4355				S	X			
01	09	090131001	1	0251				4246				P	X			
		Connecticut							4	7	4	10	18	720	720	
01	23	230172007	2			8684										
									0	0	0	0	0			
01	23	230010014	1	0635				3475								
01	23	230031018	1	0635		8668										
01	23	230050027	1	0635		8710	8563	8646		N	S		X			
01	23	230052003	1	0635	3617			7216				P	X			
01	23	230090102	1	0635			3706	4100			UP	P	X			
01	23	230090103	1	0635	6194	6285		8627				S	X			
01	23	230090301	1	0635				4331								
01	23	230090401	1	0635				4329								
01	23	230112005	1	0635				4152				S	X			
01	23	230130004	2	0635				4151				S	X			
01	23	230173001	1	0635				4353								
01	23	230194008	1	0635				4303				S	X			
01	23	230230004	1	0635				4359								
01	23	230230005	1	0635				3629								
01	23	230290031	1	0635				4171								
01	23	230310038	1	0635				4357								
01	23	230310039	1	0635				3751								
01	23	230312002	1	0635				4281				S	X			
01	23	239010001	1	0635				3156								
									0	1	2	7	8	320		
01	23	230313002	1	0762			6280	4284			P	P	X			
									0	0	1	1	1	40		
25	CC	CC0040002	1	0635				4197								
									0	0	0	0	0			
		Maine							0	1	3	8	9		360	
01	25	250250019	1			8696										
01	25	250250020	1			8742										
01	25	250250021	2			8715										
01	25	250250040	1			8742	8543									
									0	0	0	0	0			
01	25	250010002	1	0660			4199	4251			P	P	X			
01	25	250034002	1	0660				3575				S	X			
01	25	250051002	1	0660				4163				S	X			

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Federal NPAP Costs to Monitoring Organizations

Annual Summary Year:2004

Reg	St	AQS No.	POC	RO No.	42101 CO Obs	42401 SO2 Obs	42602 NO2 Obs	44201 O3 Obs	42101 CO	42401 SO2	42602 NO2	44201 O3	SITES	Cost/RO	Cost/State	Cost/Region
01	25	250051004	1	0660		8553				N		P	P	X		
01	25	250092006	1	0660			7716	8509						X		
01	25	250094004	1	0660			4275	4263			P	P		X		
01	25	250095005	1	0660			4820	2707								
01	25	250130008	1	0660			7581	8468			P	P		X		
01	25	250130016	1	0660	7907	8491	8422		N	N	S			X		
01	25	250150103	1	0660				4241				S		X		
01	25	250154002	1	0660		8593	8116	8545		S	P	P		X		
01	25	250170007	1	0660	8226				S					X		
01	25	250171102	1	0660				3990				N		X		
01	25	250213003	1	0660			4232	4229				S		X		
01	25	250250002	1	0660	8194	8527	8199		S	N				X		
01	25	250250041	1	0660			3977	4228			P	P		X		
01	25	250250042	1	0660	7268	7489	7631	7660	S	N	N	N		X		
01	25	250270015	1	0660				4213					N	X		
01	25	250270023	1	0660	8048	8366	7782									
									4	5	8	13	17	680		
01	25	250070001	1					4241								
									0	0	0	0	0	0		
		Massachusetts							4	5	8	13	17		680	
01	33	330074001	1					2526								
01	33	330074002	1					4146								
01	33	330074003	1					4142								
									0	0	0	0	0	0		
01	33	330012004	1	0762				4301				S		X		
01	33	330050007	1	0762		1429		4259		S		S		X		
01	33	330090008	1	0762				4295				S		X		
01	33	330110020	1	0762	8437	8707	8627	4348	S		S	S		X		
01	33	330111009	1	0762	8732				S					X		
01	33	330111011	1	0762			4547	3951			S	S		X		
01	33	330115001	1	0762				4172				S		X		
01	33	330131006	1	0762		8373				S				X		
01	33	330131007	1	0762		5672		4204								
01	33	330150014	1	0762		8703	8333	4945								
01	33	330150016	1	0762				4231								
01	33	330190003	1	0762				4362				S		X		
									2	2	2	7	9	360		
		New Hampshire							2	2	2	7	9		360	
01	44	440030002	1	0907			819	4094			P	P		X		
01	44	440070012	2	0907		8083	7602			N	S			X		
01	44	440071009	1	0907	8441	8436			N	N				X		
01	44	440071010	1	0907	8135		1872	4051	N		P	P		X		
01	44	440090007	1	0907				4204				S		X		
		Rhode Island							2	2	3	3	5	200	200	
01	50	500030004	1	1119				8241				S		X		
01	50	500070007	1	1119				8356				S		X		
01	50	500070014	1	1119	8248	8284	8274		S	S	S			X		
01	50	500210002	1	1119	7437	7586	7185		S	S	S			X		
		Vermont							2	2	2	2	4	160	160	
1									14	19	22	43	62			2,480
02	34	340010005	1	0764		8008		7991		S		S		X		

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Federal NPAP Costs to Monitoring Organizations

Annual Summary Year:2004

Reg	St	AQS No.	POC	RO No.	42101 CO Obs	42401 SO2 Obs	42602 NO2 Obs	44201 O3 Obs	42101 CO	42401 SO2	42602 NO2	44201 O3	SITES	Cost/RO	Cost/State	Cost/Region
02	34	340030004	1	0764	6515				S				X			
02	34	340030005	1	0764			8557	8615			S	S	X			
02	34	340035001	X	0764	8542	8462			N	S			X			
02	34	340051001	X	0764	8702	8702			S	S			X			
02	34	340070003	X	0764	6481	6494	6376	6489	S	S	S	S	X			
02	34	340071001	X	0764	8645	8717		8707	S	S		S	X			
02	34	340110007	1	0764		8605		8728		S		S	X			
02	34	340131003	1	0764			8351				N		X			
02	34	340150002	1	0764		8541		8708		S		N	X			
02	34	340170006	1	0764		8740	8558	8735		N	N	N	X			
02	34	340171002	1	0764	8238	8643			N	N			X			
02	34	340190001	1	0764				8651				S	X			
02	34	340210005	1	0764			8610	8700			S	N	X			
02	34	340230011	1	0764			8634	8648			S	S	X			
02	34	340232003	X	0764	8661	8687			S	N			X			
02	34	340250005	1	0764				5247				S	X			
02	34	340252001	1	0764	8718				S				X			
02	34	340270003	1	0764	8572				S				X			
02	34	340273001	1	0764		8671	8521	8517		S	S	S	X			
02	34	340290006	1	0764				5210				S	X			
02	34	340315001	1	0764				5147				S	X			
02	34	340390003	X	0764	8725	8715			S	S			X			
02	34	340390004	2	0764		8659	8611			S	S		X			
		New Jersey							10	13	8	14	24	2,256	2,256	
02	36	360010012	1	0768	8324	8642		8485	S	S		N	X			
02	36	360050083	1	0768	8664	8705	8675	8696		S	S	S	X			
02	36	360050110	1	0768		8608	8557	8557		S	S	S	X			
02	36	360130006	1	0768		8620		8589		S		S	X			
02	36	360130011	1	0768		8516		8427		S			X			
02	36	360150003	1	0768		8564		8559		S		S	X			
02	36	360270007	1	0768				8535				S	X			
02	36	360290002	1	0768			8036	8622			N	N	X			
02	36	360290005	X	0768	8661	8650	8602		S	N	N		X			
02	36	360294002	2	0768		8540				N			X			
02	36	360310002	1	0768				3449					X			
02	36	360310003	1	0768		8253		8489				S	X			
02	36	360330004	1	0768		7513										
02	36	360337003	1	0768		895										
02	36	360410005	1	0768		8644		8487								
02	36	360430005	1	0768		8483		8525								
02	36	360450002	1	0768				5065				S	X			
02	36	360470071	1	0768	8672				S				X			
02	36	360530006	X	0768		8611		8599		S			X			
02	36	360551004	1	0768	2962	2789		2839	N	N		N	X			
02	36	360551007	X	0768	5334	5189		5325	S	S		S	X			
02	36	360556001	1	0768	2591	2590			N	N			X			
02	36	360590005	X	0768		8468	6468			S	S		X			
02	36	360610056	1	0768	6836	6923	5507			S	S		X			
02	36	360610092	1	0768	7235				S				X			
02	36	360631006	1	0768				5307				N	X			
02	36	360632008	1	0768	8664	8651			S	S			X			
02	36	360650004	2	0768				5317				N	X			
02	36	360670017	1	0768	8636				S				X			
02	36	360671015	1	0768		8588		7351				N	X			
02	36	360715001	1	0768				5276				S	X			
02	36	360750003	1	0768				4506				S	X			
02	36	360790005	1	0768		8597		5308		S		S	X			

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Federal NPAP Costs to Monitoring Organizations

Annual Summary Year:2004

Reg	St	AQS No.	POC	RO No.	42101 CO Obs	42401 SO2 Obs	42602 NO2 Obs	44201 O3 Obs	42101 CO	42401 SO2	42602 NO2	44201 O3	SITES	Cost/RO	Cost/State	Cost/Region
02	36	360810098	1	0768			7758	8604			S	S	X			
02	36	360810124	1	0768	8396	8310	7771	8360	S	S	S	S	X			
02	36	360830004	1	0768		8533		8531				S	X			
02	36	360850067	1	0768				5021				S	X			
02	36	360910004	1	0768				8593				N	X			
02	36	360930003	X	0768	8546	8654		8437	S	N		S	X			
02	36	361030002	1	0768				8557				N	X			
02	36	361030004	1	0768				3794								
02	36	361030009	2	0768	8599	8584	7194	8545								
02	36	361111005	1	0768		8648		8582				S	X			
02	36	361173001	1	0768				5085				N	X			
02	36	361192004	1	0768				8155				N	X			
		New York							11	18	8	27	38	3,572	3,572	
02	72	720170003	1	0889		55886				S			X			
02	72	720210004	1	0889		57743				S			X			
02	72	720210006	1	0889		54688				N			X			
02	72	720330004	1	0889		57185				S			X			
02	72	720330008	1	0889				3109				S	X			
02	72	720570009	1	0889		56460				S			X			
02	72	721230001	1	0889		56698				S			X			
02	72	721270003	1	0889	56181				S				X			
02	72	721270009	1	0889		5781	52478			S	S	S	X			
02	72	721270011	1	0889	3696				S				X			
		Puerto Rico							2	7	1	1	10	940	940	
02	78	780010006	1			8083										
02	78	780010011	1			8243										
02	78	780010013	1			8322										
02	78	780010014	1			8259										
02	78	780010015	1			8282										
		Virgin Islands							0	0	0	0	0		0	
2									23	38	17	42	72			6,768
03	10	100010002	1	0294				4981				S	X			
03	10	100031007	1	0294		6137		7371		S		S	X			
03	10	100031008	1	0294	8636	8364			S	S			X			
03	10	100031010	1	0294				5184				S	X			
03	10	100031013	1	0294		8119		8468		S		S	X			
03	10	100032004	1	0294	8366	8617	6323		S	S	S		X			
03	10	100051002	1	0294				4943				S	X			
03	10	100051003	1	0294				4989				S	X			
		Delaware							2	4	1	6	8	3,520	3,520	
03	11	110010023	1	0350	8736				N				X			
03	11	110010025	1	0350			8713	8726			N	N	X			
03	11	110010041	1	0350	8622	8671	8535	8712	S	S	S	S	X			
03	11	110010043	1	0350			8712	8695			S	S	X			
		DC							2	1	3	3	4	1,760	1,760	
03	24	240030014	1	1002				4881				S	X			
03	24	240030019	1	1002				5085				S	X			
03	24	240051007	1	1002	8507			5114	S			S	X			
03	24	240053001	X	1002		8731	8147	5098		S	N	S	X			
03	24	240130001	1	1002				4934				S	X			
03	24	240150003	1	1002				4870				S	X			
03	24	240170010	1	1002				4902				S	X			

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Reg	St	AQS No.	POC	RO No.	42101 CO Obs	42401 SO2 Obs	42602 NO2 Obs	44201 O3 Obs	42101 CO	42401 SO2	42602 NO2	44201 O3	SITES	Cost/RO	Cost/State	Cost/Region
03	24	240210037	1	1002				4837				S	X			
03	24	240251001	1	1002				5057				N	X			
03	24	240259001	1	1002			2894	5085			S	S	X			
03	24	240290002	1	1002				5108				S	X			
03	24	240313001	1	1002				5116				S	X			
03	24	240338003	1	1002				5079				S	X			
03	24	240430009	1	1002				5116				S	X			
03	24	245100040	1	1002	8747		8164		S		N		X			
		Maryland							2	1	3	14	15	6,600	6,600	
03	42	420030002	2	0021		8646				N			X			
03	42	420030008	1	0021			8704	8598			N	S	X			
03	42	420030021	1	0021		8663				N			X			
03	42	420030031	1	0021	8224				S				X			
03	42	420030038	1	0021	8694				N				X			
03	42	420030064	1	0021		8680				N			X			
03	42	420030067	1	0021		8373		4838		S		S	X			
03	42	420030116	1	0021		8676				S			X			
03	42	420031005	1	0021			8729	8730			S	N	X			
03	42	420033003	1	0021		8611				S			X			
									2	6	2	3	10	4,400		
03	42	420010001	1	0851	5107		4897									
03	42	420010002	1	0851				5056								
03	42	420030010	1	0851	8223	8616	8647	5115								
03	42	420050001	1	0851				5111				S	X			
03	42	420070002	1	0851		8522		5071								
03	42	420070005	1	0851		8735		5114		S		S	X			
03	42	420070014	1	0851	8693	8733	8694	5112	S	S	S	S	X			
03	42	420110009	1	0851	8710	8692	8617	5085	S	N	S	S	X			
03	42	420130801	1	0851	8734	8639	8700	5108		S	S	S	X			
03	42	420170012	1	0851	8612	8558	8544	5011	S	S	S	S	X			
03	42	420210011	1	0851	8671	8563	8674	5111	S	N	S	S	X			
03	42	420270100	1	0851		8627	8672	5081								
03	42	420274000	1	0851				5021								
03	42	420290100	1	0851				4922				S	X			
03	42	420334000	1	0851				5090								
03	42	420430102	1	0851	8685				S				X			
03	42	420430401	1	0851		8577	8724	4985		N	S	N	X			
03	42	420431100	1	0851				5087				N	X			
03	42	420450002	1	0851		8614	8653	5086		N	S	S	X			
03	42	420490003	1	0851	1233	8646	8509	5100	S	N	S	S	X			
03	42	420490101	1	0851	6858				S				X			
03	42	420550001	1	0851				4883								
03	42	420590002	1	0851	4871	5046		4997								
03	42	420630004	1	0851		1455	1429			S	S		X			
03	42	420690101	1	0851				5115				N	X			
03	42	420692006	1	0851	8671	8617	8640	5088	S	N	S	N	X			
03	42	420710007	1	0851	8692	8673	8435	5075	S	N	S	S	X			
03	42	420730015	1	0851	8731	8732	8711	5113	S	S	S	S	X			
03	42	420770004	1	0851		8736	8677	5076		S	S	S	X			
03	42	420791100	1	0851				5104				S	X			
03	42	420791101	1	0851		8680	8571	5063		N	S	N	X			
03	42	420792100	1	0851	8474				S				X			
03	42	420810100	1	0851		8538		4929		S		S	X			
03	42	420814000	1	0851				4739								
03	42	420850100	1	0851		8520		5107		S		N	X			
03	42	420910013	1	0851	8577	8669	8586	5046	S	S	S	S	X			
03	42	420950025	1	0851	8676	8702	8447	5119	S	S		S	X			

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03	42	420958000	1	0851		8648		5122		S		S	X			
03	42	420990301	1	0851		8711	8667	4953		S	S	S	X			
03	42	421070003	1	0851	8640	8728										
03	42	421174000	1	0851				4895								
03	42	421230003	1	0851		8698				S			X			
03	42	421230004	1	0851		8495				S			X			
03	42	421250005	1	0851	8571	8662	8706	5118	S	S		S	X			
03	42	421250200	1	0851		8680	8668	5126		S	S	S	X			
03	42	421255001	1	0851		8656	8607	4903								
03	42	421290006	1	0851				5095				S	X			
03	42	421290008	1	0851	8601	8568	8467	5028	S	S	S	S	X			
03	42	421330008	1	0851	8429	8635	8722	5120	S	N	S	S	X			
									16	27	19	30	36	15,840		
03	42	421010004	X	0861	8321	8419	8419	8346	N	N	N	S	X			
03	42	421010014	1	0861				7922				S	X			
03	42	421010024	1	0861				7902				N	X			
03	42	421010027	1	0861	8348				S				X			
03	42	421010029	X	0861	6414	6111	5989		S	N	N		X			
03	42	421010047	1	0861	8426		8147		S		S		X			
03	42	421010055	1	0861		620										
03	42	421010136	1	0861		8603		8534		S		S	X			
									4	3	3	4	7	3,080		
		Pennsylvania							22	36	24	37	53		23,320	
03	51	510590005	1	0379	8707	8473	8676	8689	S	S	S	S	X			
03	51	510590018	1	0379				8715				S	X			
03	51	510590030	1	0379	7933											
03	51	510591005	1	0379	8683	8685	8158	8671	S	S	S	S	X			
03	51	510595001	1	0379	8446	8722	7801	8612	S	S	S	S	X			
									3	3	3	4	4	1,760		
03	51	511130003	1			6547		8085								
									0	0	0	0	0			
03	51	510130020	1	1127	8644		8440	5061	S		S	S	X			
03	51	510330001	1	1127			2648	5067			UP	S	X			
03	51	510360002	1	1127		8515	8267	5056		S	S	S	X			
03	51	510410004	1	1127				5054				S	X			
03	51	510590030	1	1127				5050								
03	51	510610002	1	1127				4961				S	X			
03	51	510690010	1	1127				5062				S	X			
03	51	510850003	1	1127				5062				S				
03	51	510870014	1	1127				5072				N	X			
03	51	511071005	1	1127			7108	4840			S	S	X			
03	51	511390004	1	1127				5055				S	X			
03	51	511530009	1	1127			8534	4978			S	S	X			
03	51	511611004	1	1127		8667	6672	5063		N	S	S	X			
03	51	511630003	1	1127				4904				S	X			
03	51	511650002	1	1127		2503				S			X			
03	51	511650003	1	1127		6193	6135			S	S		X			
03	51	511790001	1	1127				5054				S	X			
03	51	511970002	1	1127				4924				S	X			
03	51	515100009	X	1127	8662	8507	8503	4966	S	N	S	S	X			
03	51	516500004	X	1127	8667	8656		5007	S	N		N	X			
03	51	517100019	1	1127	8533				N				X			
03	51	517100023	1	1127	8657	8652	8638		S	S	S		X			
03	51	517600022	1	1127	8713				S				X			
03	51	517600024	1	1127	8581	8654	8627		S	S	S		X			
03	51	517700015	1	1127	6518				S				X			

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03	51	518000004	1	1127				5062				N	X			
03	51	518000005	1	1127				5068				N	X			
									8	8	10	19	25	11,000		
		Virginia							11	11	13	23	29		12,760	
03	54	540990003	1			8705	8611									
03	54	540990004	1			8673										
03	54	540990005	1			8681										
									0	0	0	0	0			
03	54	540030003	1	1150				4675								
03	54	540110006	1	1150		8261		4595		N		S	X			
03	54	540250003	1	1150				4769				S	X			
03	54	540390010	1	1150		8594		4763		S		S	X			
03	54	540610003	1	1150		8638		4745		S		S	X			
03	54	540610005	1	1150		8730				S			X			
03	54	541071002	X	1150		8544		4677		S		S	X			
									0	5	0	5	6	2,640		
03	54	540090005	1	1151		8734				S			X			
03	54	540090007	1	1151		8672				S			X			
03	54	540290005	1	1151		8723				S			X			
03	54	540290007	1	1151		8646				S			X			
03	54	540290008	1	1151		8726				S			X			
03	54	540290009	1	1151	8403	8700			S	S			X			
03	54	540290011	1	1151	8632	8676			S	S			X			
03	54	540290015	1	1151		8717				S			X			
03	54	540290016	1	1151		4514				S			X			
03	54	540291004	1	1151	8612	8385		5002	S	N		S	X			
03	54	540511002	1	1151		8466				S			X			
03	54	540690008	1	1151	7934				S				X			
03	54	540690009	1	1151				5086				S	X			
									4	11	0	2	13	5,720		
		West Virginia							4	16	0	7	19		8,360	
3									43	69	44	90	128			56,320
04	01	010970003	1	0013				5347				N	X			
04	01	010510001	1	0013				5472				S	X			
04	01	010972005	1	0013		8553		5374				S	X			
04	01	011011002	1	0013				5514				S	X			
04	01	011170004	1	0013				5466				S	X			
04	01	011250010	1	0013				5216				S	X			
04	01	010030010	1	0013				5277								
04	01	010270001	1	0013				5536								
04	01	010331002	1	0013				5503								
04	01	010550011	1	0013				5604								
04	01	010790002	1	0013				5551								
04	01	011030011	1	0013				5597								
04	01	011190002	1	0013				5293								
04	01	011210003	1	0013				5539								
04	01	011130002	1	0013				5455								
									0	0	0	6	6	2,640		
04	01	010890014	1	0300				8505				S	X			
									0	0	0	1	1	440		
04	01	010730023	1	0550				8705				S	X			
04	01	010730028	1	0550	8755				N				X			
04	01	010731003	1	0550	8731	8733		5830	N	N		S	X			

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04	01	010731005	1	0550				5846				S	X			
04	01	010731009	1	0550				5803				S	X			
04	01	010731010	1	0550				5827				S	X			
04	01	010732006	1	0550				5796				S	X			
04	01	010735002	1	0550				5847				N	X			
04	01	010735003	1	0550				5850				S	X			
04	01	010736002	1	0550				5847				N	X			
04	01	010736004	1	0550	8725							S	X			
									2	1	0	10	11	4,840		
04	01	010330044	1			8771										
04	01	010710020	X			8758	7451	7913								
04	01	010830004	1			2181	2087	2178								
									0	0	0	0	0			
		Alabama							2	1	0	17	18		7,920	
04	12	120110010	1	0121	8221	8438			S	N			X			
04	12	120112004	1	0121	8100				N				X			
04	12	120118002	1	0121			8456	8542			N	N	X			
04	12	120110031	1	0121			8188	8533			S	S	X			
04	12	120111201	1	0121	8555				S				X			
04	12	120112003	1	0121				8046				S	X			
04	12	120113002	1	0121	8559				S				X			
04	12	120115001	1	0121	6168				S				X			
									5	1	2	3	8	3,520		
04	12	120210004	1	1225				8577				S	X			
									0	0	0	1	1	440		
04	12	120730013	1	0418				8195				S	X			
04	12	121290001	1	0418				8637				S	X			
									0	0	0	2	2	880		
04	12	120013011	1	0391				8457				S	X			
04	12	120230002	1	0391				8580				S	X			
04	12	120470015	1	0391		8634				S			X			
04	12	120890005	1	0391		7099				S			X			
04	12	121071008	1	0391		8706				S			X			
04	12	120010025	1	0391				7901								
04	12	120030002	1	0391				8167								
									0	3	0	2	5	2,200		
04	12	120330004	1	0392		8456	8605	8601		N		N	X			
04	12	120330018	1	0392				7246				N	X			
04	12	120330022	1	0392		7888				N			X			
04	12	121030018	1	0392			8555				N		X			
04	12	120050006	1	0392				8572				S	X			
04	12	120730012	1	0392				8530				S	X			
04	12	121130014	1	0392				5840				S	X			
04	12	120330024	1	0392				8096								
04	12	120590004	1	0392				8711								
									0	2	1	5	7	3,080		
04	12	120712002	1	0393				8626				S	X			
04	12	120713002	1	0393				8508				S	X			
04	12	120550003	1	0393				8056								
									0	0	0	2	2	880		
04	12	121111002	1	0394			6644	7650				S	X			
									0	0	0	1	1	440		
04	12	121056005	1	0395				8665				N	X			
04	12	121056006	1	0395				8551				N	X			
04	12	121010005	1	0395				8016				S	X			
04	12	121012001	1	0395				8539				S	X			

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04	12	121050010	1	0395		8514				S			X			
									0	1	0	4	5	2,200		
04	12	120094001	1	0396				8147				N	X			
04	12	121171002	1	0396				6323				N	X			
04	12	121272001	1	0396				8200				N	X			
04	12	121275002	1	0396				8077				N	X			
04	12	120090007	1	0396				7850				S	X			
04	12	120690002	1	0396				8044				S	X			
04	12	120830003	1	0396				8088				S	X			
04	12	120830004	1	0396				7541				S	X			
04	12	120972002	1	0396				8008				S	X			
									0	0	0	9	9	3,960		
04	12	120570053	1	0491		8543				N			X			
04	12	120570095	1	0491		8643				N			X			
04	12	120571065	1	0491			8182	8329			N	N	X			
04	12	120570081	1	0491		8492	8171	8494		S		S	X			
04	12	120570109	1	0491		8515				S			X			
04	12	120571035	1	0491		8643		8624		S		S	X			
04	12	120571070	1	0491	8656				S				X			
04	12	120573002	1	0491			8212	8650								
04	12	120574004	1	0491	8716	8572		8692								
									1	5	1	3	7	3,080		
04	12	120570110	1	0492				8585								
									0	0	0	0	0			
04	12	120310100	1	0543				8184				S	X			
									0	0	0	1	1	440		
04	12	120310032	X	0544		8148	7451			N		S	X			
04	12	120310077	1	0544				7854				N	X			
04	12	120310083	1	0544	7963				N				X			
04	12	120310097	1	0544		7417				N			X			
04	12	120310080	1	0544	8167	7701			S	S			X			
04	12	120310081	1	0544		7464				S			X			
04	12	120310084	1	0544	8123				S				X			
									3	4	0	2	7	3,080		
04	12	120813002	1	0638		8690		8620		S		S	X			
04	12	120814012	1	0638			5731	8698			S	S	X			
04	12	120814013	1	0638				8659				S	X			
									0	1	1	3	3	1,320		
04	12	120860027	1	0274			8460	7978			N	N	X			
04	12	120861019	1	0274	8365				N				X			
04	12	120864002	X	0274	8311		8521		N		N		X			
04	12	120860019	1	0274		5859				S			X			
04	12	120860029	1	0274				8366				S	X			
04	12	120860031	1	0274	8334				S				X			
									3	1	2	2	6	2,640		
04	12	120860030	1					7948								
									0	0	0	0	0			
04	12	120951005	1	0820	8596				N				X			
04	12	120952002	1	0820	8460	8324	8418	8455	N	N	S	N	X			
04	12	120950008	1	0820				6695				S	X			
									2	1	1	2	3	1,320		
04	12	120991004	1	0833	6060		5961		N		S		X			
04	12	120992004	1	0833				5080				N	X			
04	12	120990009	1	0833				7922				S	X			
04	12	120993004	1	0833		5804				S			X			
04	12	120990020	1	0833				2921								
04	12	120991008	1	0833	6618											
									1	1	1	2	4	1,760		

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Reg	St	AQS No.	POC	RO No.	42101 CO Obs	42401 SO2 Obs	42602 NO2 Obs	44201 O3 Obs	42101 CO	42401 SO2	42602 NO2	44201 O3	SITES	Cost/RO	Cost/State	Cost/Region
04	12	121030004	1	0867				8635				N	X			
04	12	121030018	1	0867	8236			8710	N			N	X			
04	12	121030023	1	0867		8254				N			X			
04	12	121030024	1	0867	8606				N				X			
04	12	121035002	1	0867		8692		8672		N		S	X			
04	12	121032008	1	0867	8594				S				X			
04	12	121035003	1	0867		8605				S			X			
04	12	121032006	1	0867	8658											
04	12	121033002	1	0867		8485										
									3	3	0	3	7	3,080		
04	12	121151004	1	0951	8579				S				X			
04	12	121151005	1	0951				8499				N	X			
04	12	121151006	1	0951		7299	4978	7530		S	S	S	X			
04	12	121152002	1	0951				8650				S	X			
									1	1	1	3	4	1,760		
		Florida							19	24	10	50	82		36,080	
04	13	130150002	1	0437		8655				S			X			
04	13	130210012	1	0437		0		5832								
04	13	130510021	1	0437		7260		4880		S			X			
04	13	130511002	3	0437		8356				S			X			
04	13	130550001	1	0437				5738								
04	13	130590002	1	0437				5818								
04	13	130670003	1	0437				5829								
04	13	130770002	1	0437				5260								
04	13	130850001	2	0437				5827								
04	13	130890002	1	0437	7907		8613	5781			N	N	X			
04	13	130893001	1	0437			8476	5825								
04	13	130970004	1	0437				5799				S	X			
04	13	131110091	1	0437		8670				S			X			
04	13	131130001	1	0437				5771								
04	13	131150003	1	0437		7926				S			X			
04	13	131210048	1	0437		8653	8407			N	N		X			
04	13	131210055	1	0437		8580		5825		N		S	X			
04	13	131210099	1	0437	7730								X			
04	13	131270006	1	0437				5827								
04	13	131350002	1	0437				5791								
04	13	131510002	1	0437				5534								
04	13	132130003	1	0437				5956								
04	13	132150008	1	0437				5661				N	X			
04	13	132151003	1	0437				5782				N	X			
04	13	132230003	1	0437	8556		8050	5774								
04	13	132450003	1	0437		3672				S			X			
04	13	132450091	1	0437				5826				N	X			
04	13	132470001	1	0437			8578	5792				N	X			
04	13	132611001	2	0437				5691								
		Georgia							1	8	2	7	15	6,600	6,600	
04	21	211110046	1	0549	8549				N				X			
04	21	211111021	X	0549			8450	5867			S	N	X			
04	21	211111041	1	0549		8747				N			X			
04	21	211110027	1	0549				5808				S	X			
04	21	211110051	1	0549		8732		5709		S		S	X			
04	21	211111019	1	0549	8617				S				X			
									2	2	1	3	6	2,640		
04	21	210670001	1	0584				5741				N	X			
04	21	210670012	1	0584		8670	8207	5722		S	S	N	X			

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04	21	210150003	1	0584				5858				S	X			
04	21	210190017	1	0584		8587	8075	5852		S	S	S	X			
04	21	210290006	1	0584			7818	5763				S	X			
04	21	210370003	1	0584		8300	8101	5738		S	S	S	X			
04	21	210590005	1	0584		8691	7899	5853		S	S	S	X			
04	21	210890007	1	0584		8734		5857				S	X			
04	21	210910012	1	0584		8528		5852				S	X			
04	21	211010014	1	0584		8739		5855								
04	21	211130001	1	0584				5718				S	X			
04	21	211170007	1	0584				5626				S	X			
04	21	211390003	1	0584				5850				S	X			
04	21	211390004	1	0584		8718				S			X			
04	21	211451024	1	0584		8731	8045	5773		S	S	S	X			
04	21	211850004	1	0584				5822				S	X			
04	21	210130002	1	0584				5805								
04	21	210430500	1	0584				5820								
04	21	210830003	1	0584				5865								
04	21	210930006	1	0584				5851								
04	21	211490001	1	0584				5715								
04	21	211930003	1	0584				5836								
04	21	211950002	1	0584				5852								
04	21	211990003	1	0584				5856								
04	21	212090001	1	0584				5736								
04	21	212130004	1	0584				5856								
04	21	212270008	1	0584		8706	8088	5855								
									0	6	5	14	15	6,600		
04	21	210610501	1					8355								
									0	0	0	0	0	0		
04	21	210470006	1					5806								
04	21	212210013	1					5803								
									0	0	0	0	0	0		
		Kentucky							2	8	6	17	21		9,240	
04	28	280010004	1	0703				5488				S	X			
04	28	280110001	1	0703				5592				S	X			
04	28	280330002	1	0703				5589				S	X			
04	28	280450001	1	0703			8160	5389				S	X			
04	28	280450002	1	0703				5228								
04	28	280470007	1	0703		8199				S			X			
04	28	280470008	1	0703				5443				S	X			
04	28	280470009	1	0703				5460								
04	28	280490010	1	0703				5584				N	X			
04	28	280490018	1	0703	8205	8317			S	S		S	X			
04	28	280590006	1	0703		6595	5992	5322		S		S	X			
04	28	280590007	1	0703				5433								
04	28	280750003	1	0703				5552				S	X			
04	28	280810005	1	0703				5590				S	X			
04	28	280890002	1	0703				5207				N	X			
04	28	281490004	1	0703				1895				S	X			
									1	3	0	11	13	5,720		
04	28	280930001	1			7313	6788	7227								
									0	0	0	0	0	0		
		Mississippi							1	3	0	11	13		5,720	
04	37	370990005	1					4731								
									0	0	0	0	0	0		

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04	37	370670022	1	0403	2083	8434	8591	4733		S	S		X			
04	37	370670023	1	0403	8151				S				X			
04	37	370670027	1	0403				4928				S	X			
04	37	370670028	1	0403				4931				S	X			
04	37	370670029	1	0403	8680				S				X			
04	37	370671008	1	0403				4883				S	X			
									2	1	1	3	6	2,640		
04	37	371190041	1	0669	8557	8677	8552	5102	N	S	S	N	X			
04	37	371191005	1	0669				5100				S	X			
04	37	371191009	1	0669				5097				N	X			
									1	1	1	3	3	1,320		
04	37	370030003	1	0776				4859				S	X			
04	37	370030004	1	0776				1852								
04	37	370110002	1	0776				4739								
04	37	370130006	1	0776		7582				S			X			
04	37	370270003	1	0776				4798				S	X			
04	37	370290099	1	0776				4819								
04	37	370330001	1	0776				4880								
04	37	370370004	1	0776				4882				S	X			
04	37	370510007	1	0776	4167				S				X			
04	37	370510008	1	0776				4874				N	X			
04	37	370511003	1	0776				4887				N	X			
04	37	370590002	1	0776				4694				S	X			
04	37	370630013	1	0776	2748			4868				N	X			
04	37	370650099	1	0776		7875		4856								
04	37	370690001	1	0776				4864				N	X			
04	37	370750001	1	0776				4899								
04	37	370770001	1	0776				4868				N	X			
04	37	370810011	1	0776				4623				S	X			
04	37	370811011	1	0776	4087				S				X			
04	37	370870004	1	0776				4896								
04	37	370870035	1	0776				4423								
04	37	370870036	1	0776				4760								
04	37	371010002	1	0776				4851				S	X			
04	37	371070004	1	0776				4581								
04	37	371090004	1	0776				4830				S	X			
04	37	371170001	1	0776				4719				S	X			
04	37	371290002	1	0776				4853				S	X			
04	37	371290006	1	0776		8212				S			X			
04	37	371290008	1	0776	2122											
04	37	371450003	1	0776		8276		4864				S	X			
04	37	371470099	1	0776				4772				S	X			
04	37	371510004	1	0776				4901								
04	37	371570099	1	0776				4835				S	X			
04	37	371590021	1	0776	2601			4847								
04	37	371590022	1	0776				4866								
04	37	371630005	1	0776			686									
04	37	371730002	1	0776		8230		4858				S	X			
04	37	371790003	1	0776				4875								
04	37	371830014	1	0776	5529	5592		6279								
04	37	371830016	1	0776				4870								
04	37	371830017	1	0776				4701								
04	37	371830018	1	0776	3405											
04	37	371990003	1	0776				4657								
									2	2	0	18	22	9,680		
04	37	370210030	1	0779				5077				S				
									0	0	0	1	0			

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		North Carolina								5	4	2	25	31		13,640	
04	45	450010001	1	0971				5323					S	X			
04	45	450030003	2	0971			7956	5294					S	X			
04	45	450070003	1	0971				5155					N	X			
04	45	450110001	2	0971		8672	7717	8673					S	X			
04	45	450150002	1	0971				8641					N	X			
04	45	450190003	X	0971		8678	8577				N	S		X			
04	45	450190005	1	0971	58181					S				X			
04	45	450190042	1	0971				5045					N	X			
04	45	450190046	X	0971	58222	8666		8137			S		S	X			
04	45	450210002	1	0971				8681					S	X			
04	45	450230002	1	0971				5507					S	X			
04	45	450250001	1	0971				8518									
04	45	450290002	2	0971				5546									
04	45	450310003	1	0971				8662					S	X			
04	45	450370001	1	0971				8701									
04	45	450430006	1	0971		8677					S			X			
04	45	450450008	1	0971	59325	8383	7381				S	S		X			
04	45	450450009	1	0971		909	720										
04	45	450630008	1	0971		8640											
04	45	450730001	1	0971		8004		8617					S	X			
04	45	450750003	1	0971		7304	6648	5646									
04	45	450770002	1	0971				5558					S	X			
04	45	450790007	1	0971		7926	8301	5675				S	N	X			
04	45	450790020	1	0971	56678					S				X			
04	45	450790021	1	0971		8676	8583	8674									
04	45	450791001	1	0971				8395					S	X			
04	45	450791003	1	0971		8662					S			X			
04	45	450830009	1	0971				5590					N	X			
04	45	450870001	1	0971				5681					S	X			
04	45	450890001	2	0971				5274									
04	45	450910006	1	0971				5592					S	X			
		South Carolina								2	5	3	17	23	10,120	10,120	
04	47	470090002	1	0024		8362											
04	47	470090006	1	0024		8300											
										0	0	0	0	0			
04	47	470110102	1	0112		7101	7921										
04	47	471070101	1	0112		7972	8011										
										0	0	0	0	0			
04	47	470651011	1	0170				5858					N	X			
04	47	470654003	1	0170				5852					S	X			
										0	0	0	2	2	880		
04	47	470930021	1	0581				8727					N	X			
04	47	470931020	1	0581				8533					N	X			
										0	0	0	2	2	880		
04	47	471570021	1	0673				5522					N	X			
04	47	471570024	1	0673	3557		2037			N		S		X			
04	47	471571004	1	0673				5547					N	X			
04	47	471570034	1	0673	8523	8240				S	S			X			
04	47	471570036	1	0673	8359					S				X			
04	47	471570046	1	0673		8119					S			X			
										3	2	1	2	6	2,640		
04	47	470370011	1	0682		8713	8699	5837			N	S	N	X			
04	47	470370021	1	0682	8740					N				X			
04	47	470370031	1	0682	8727					N				X			
04	47	470370026	1	0682				5830					S	X			

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										2	1	1	2	4	1,760		
04	47	470090101	1	0745				8629									
04	47	470090102	1	0745				5640									
04	47	471550101	1	0745				8402									
04	47	471550102	1	0745				4304									
										0	0	0	0	0			
04	47	471250006	1	0953		8360											
04	47	471250106	1	0953		8205											
										0	0	0	0	0			
04	47	471650007	1	1025				5542					N	X			
04	47	471390003	1	1025		8118					S			X			
04	47	471390007	1	1025		8332					S			X			
04	47	471490101	1	1025				5583					S	X			
04	47	471632002	1	1025				5592					S	X			
04	47	471632003	1	1025				5585					S	X			
04	47	471650101	1	1025				5545					S	X			
04	47	471870106	1	1025				5436					S	X			
04	47	471890103	1	1025				5492					S	X			
04	47	470010101	1	1025				5535									
04	47	470890002	1	1025				5573									
04	47	470990002	1	1025				5584									
04	47	471050108	1	1025				5495									
04	47	471210104	1	1025				5512									
										0	2	0	7	9	3,960		
04	47	471630007	1	1026	8281	8273	7809										
04	47	471630009	1	1026		8379											
										0	0	0	0	0			
04	47	470310004	1	1029		7196	6722	7139									
04	47	470730002	1	1029		8765											
04	47	471310004	1	1029		1437	1376	1434									
04	47	471571034	1	1029		8005											
04	47	471651002	1	1029		8635											
										0	0	0	0	0			
		Tennessee								5	5	2	15	23		10,120	
4										37	58	25	159	226			99,440
05	17	170310050	1	0258		8712					N			X			
05	17	170314002	1	0258	8717	8706	8655	5487		S	N	N	S	X			
05	17	170316004	1	0258	8570					N				X			
05	17	170310001	1	0258				8634					S	X			
05	17	170310032	1	0258				5299					S	X			
05	17	170310064	1	0258				8718					S	X			
05	17	170310076	1	0258		8679	8434	8683			S	S	S	X			
05	17	170311003	2	0258				5260					S	X			
05	17	170311018	1	0258		8712					S			X			
05	17	170311601	1	0258		8709		5210			S		S	X			
										2	5	2	7	10	4,400		
05	17	170310063	1	0513	8675	8630	8486			N	S	S		X			
05	17	170317002	1	0513				8551					N	X			
05	17	170890005	1	0513				8694					N	X			
05	17	170971002	1	0513				8693					N	X			
05	17	171110001	1	0513				8443					N	X			
05	17	171150013	1	0513		8584		8718			N		S	X			
05	17	171193007	X	0513		8692		8655			N		N	X			
05	17	171430024	X	0513		8681		8589			N		N	X			
05	17	171431001	1	0513				8737					N	X			

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05	17	171630010	X	0513	8717	8589	8667	8638		S	N	S	S	X			
05	17	171670006	1	0513		8512					N			X			
05	17	171790004	2	0513		8705					N			X			
05	17	171970013	1	0513		8554					N			X			
05	17	172010009	1	0513				8641					N	X			
05	17	172010011	1	0513	8697					S				X			
05	17	172012001	1	0513				8566					N	X			
05	17	170010006	1	0513		8723		8678			S		S	X			
05	17	170190004	1	0513				8733					S	X			
05	17	170310072	1	0513			3351	4998				S	S	X			
05	17	170313103	1	0513	8673		8251			S		S		X			
05	17	170314007	1	0513				8515					S	X			
05	17	170314201	1	0513		8396	3553	5332			S	UP	UP	X			
05	17	170314201	2	0513			8056	8420									
05	17	170436001	1	0513				8687					S	X			
05	17	170491001	2	0513				4964					S	X			
05	17	170650001	1	0513				5083					S	X			
05	17	170831001	1	0513				5104					S	X			
05	17	170971007	1	0513				5074					S	X			
05	17	171132003	1	0513				8583					S	X			
05	17	171170002	1	0513		8592		8585		S			S	X			
05	17	171190008	1	0513				8675					S	X			
05	17	171191009	1	0513				6534					S	X			
05	17	171191010	1	0513		8729				S				X			
05	17	171192007	2	0513				7207			S		S	X			
05	17	171193009	1	0513		8594					S			X			
05	17	171430036	1	0513	8652					S				X			
05	17	171570001	1	0513		8709		8622			S		S	X			
05	17	171613002	1	0513				8739					S	X			
05	17	171670008	1	0513	8724					S				X			
05	17	171670010	1	0513				8070					S	X			
05	17	171971008	1	0513				7945					S	X			
05	17	171971011	1	0513			3320	5059				S	S	X			
05	17	170310042	2	0513				3294									
										6	14	6	31	41	18,040		
05	17	170230001	1	0520				4830									
										0	0	0	0	0			
05	17	171850001	1			5373											
05	17	171851001	1			6025											
										0	0	0	0	0			
		Illinois								8	19	8	38	51		22,440	
05	18	181730002	1			7959											
										0	0	0	0	0			
05	18	181470010	1			6288											
										0	0	0	0	0			
05	18	181250005	1			8338											
05	18	181530004	1			8157											
										0	0	0	0	0			
05	18	180290004	1			6294											
05	18	180770004	1			6295											
										0	0	0	0	0			
05	18	180030002	1	0520				4372					N	X			
05	18	180030004	1	0520				4374					N	X			
05	18	180190003	1	0520				5107					N	X			
05	18	180892008	1	0520		8463		4367			N		S	X			
05	18	180970073	1	0520	8317	8602	5639	4367		N	N	S	N	X			

Federal NPAP Costs to Monitoring Organizations

Reg	St	AQS No.	POC	RO No.	42101 CO Obs	42401 SO2 Obs	42602 NO2 Obs	44201 O3 Obs		42101 CO	42401 SO2	42602 NO2	44201 O3	SITES	Cost/RO	Cost/State	Cost/Region
05	18	181411007	1	0520				4376					N	X			
05	18	181411008	1	0520			6181	4021				S	N	X			
05	18	180030011	1	0520	8102					S				X			
05	18	180390007	1	0520				4374					S	X			
05	18	180431004	1	0520		7541		4950			S		S	X			
05	18	180690002	1	0520				4197					S	X			
05	18	180890015	1	0520	6465				S					X			
05	18	180890022	1	0520		8375	5131	4375			S	S	S	X			
05	18	180910005	1	0520				4345					S	X			
05	18	180910010	1	0520				3552					S	X			
05	18	180950010	1	0520				4368					S	X			
05	18	181270024	1	0520				4371					S	X			
05	18	181290003	1	0520				4313					S	X			
05	18	181410010	1	0520				4364					S	X			
05	18	181630012	1	0520		8251	4467	4257			S	S	S	X			
05	18	181630013	1	0520				4269					S	X			
05	18	181630019	1	0520	6951				S					X			
05	18	181670018	X	0520		7221		4371			S		S	X			
05	18	181730002	2	0520				4306					S	X			
05	18	181730008	1	0520				4248					S	X			
05	18	181730009	1	0520				4117					S	X			
05	18	180150002	1	0520				4161									
05	18	180350010	1	0520				4371									
05	18	180890030	1	0520				4378									
05	18	181230009	1	0520				4363									
05	18	181270026	1	0520				4376									
05	18	181670024	1	0520				4310									
										4	6	4	23	26	11,440		
05	18	180970050	1	0523				4352					N	X			
05	18	180970057	1	0523		8746		4375			N		S	X			
05	18	180970072	1	0523	8740					N				X			
05	18	180110001	1	0523				4373					S	X			
05	18	180571001	1	0523				4355					S	X			
05	18	180590003	1	0523				4375					S	X			
05	18	180630004	1	0523				4375					S	X			
05	18	180810002	1	0523				4374					S	X			
05																	

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Reg	St	AQS No.	POC	RO No.	42101 CO Obs	42401 SO2 Obs	42602 NO2 Obs	44201 O3 Obs	42101 CO	42401 SO2	42602 NO2	44201 O3	SITES	Cost/RO	Cost/State	Cost/Region
05	18	181631002	1			6262			0	0	0	0	0			
									0	0	0	0	0			
05	18	180630001	1		6434	6475	6342									
05	18	180630002	1		6374	6374	5518									
05	18	180630003	1		6448	6447	6302									
									0	0	0	0	0			
05	18	180510010	1				8335									
05	18	180510011	1					4173								
									0	0	0	0	0			
05	18	181230006	1			4462										
05	18	181230007	1			4882										
									0	0	0	0	0			
									0	0	0	0	0			
		Indiana							5	8	4	33	37		16,280	
05	26	260270003	1	0520				4145				S	X			
									0	0	0	1	1	440		
05	26	260410902	1	0668		2084										
									0	0	0	0	0			
05	26	260370001	2	0685				4371				N	X			
05	26	260490021	1	0685		8738		4368		S		N	X			
05	26	260492001	1	0685	8096	8216		4370	S	S		N	X			
05	26	260650012	2	0685				4372				N	X			
05	26	260810020	1	0685	8680	8532	8016	4167	S			S	X			
05	26	260991003	1	0685	8739	8738		4366	S	N		N	X			
05	26	260050003	1	0685				4187				S	X			
05	26	260190003	1	0685				4198				S	X			
05	26	260210014	1	0685				4172				S	X			
05	26	260630007	1	0685				4203				S	X			
05	26	260770008	1	0685				4240				S	X			
05	26	260810022	1	0685				4185				S	X			
05	26	260910007	1	0685				4192				S	X			
05	26	260990009	1	0685				4301				S	X			
05	26	261050007	1	0685				4094				S	X			
05	26	261210039	1	0685				4185				S	X			
05	26	261250001	X	0685	8741			4375	S			S	X			
05	26	261390005	1	0685				4150				S	X			
05	26	261470005	1	0685		8662		4322		S		S	X			
05	26	261530001	1	0685				8326				S	X			
05	26	261610008	1	0685				4330				S	X			
05	26	261130001	1	0685				4362								
05	26	260890001	1	0685				4135								
									4	4	0	21	21	9,240		
05	26	261630015	1	1143		8502				N			X			
05	26	261630016	X	1143	8636	8656	6783	4277	S	S	N	N	X			
05	26	261630019	X	1143		8662	7996	4223		N			X			
05	26	261630001	X	1143	8316			4336	S			S	X			
05	26	261630025	1	1143	8038				S				X			
									3	3	1	2	5	2,200		
		Michigan							7	7	1	24	27		11,880	
05	27	270030600	1	0700	8711				S				X			
05	27	270031001	1	0700				4343				N	X			
05	27	270031002	1	0700		8344	8670	8665		S	S	N	X			
05	27	270177416	1	0700			8574	4330								
05	27	270353203	1	0700				4324				S	X			

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Reg	St	AQS No.	POC	RO No.	42101 CO Obs	42401 SO2 Obs	42602 NO2 Obs	44201 O3 Obs	42101 CO	42401 SO2	42602 NO2	44201 O3	SITES	Cost/RO	Cost/State	Cost/Region
05	27	270370020	1	0700	8623	8546	7263			S			X			
05	27	270370423	1	0700	8362	8503	8325		S	S	S		X			
05	27	270370441	1	0700		8682										
05	27	270370442	1	0700		8693										
05	27	270376018	1	0700				4350				S	X			
05	27	270495302	1	0700			3635	4335			S	S	X			
05	27	270530954	1	0700	8713	8713			N	N			X			
05	27	270750005	1	0700				4297				S	X			
05	27	270953051	1	0700				4348								
05	27	271095008	1	0700				4350				S	X			
05	27	271230050	1	0700	8639				S				X			
05	27	271370018	1	0700	8661				S				X			
05	27	271377550	1	0700				4207				S	X			
05	27	271390505	1	0700				4354				S	X			
05	27	271453048	1	0700	8683				S				X			
05	27	271453052	1	0700				4315				S	X			
05	27	271630436	1	0700		8706				S			X			
05	27	271636015	1	0700				4317				S	X			
05	27	271713201	1	0700				4355				S	X			
									6	5	3	12	20	8,800		
05	27	271370034	1					8229								
									0	0	0	0	0			
		Minnesota							6	5	3	12	20		8,800	
05	39	391331001	1	0012				4903				N	X			
05	39	391530017	1	0012		8391				N			X			
05	39	391530020	1	0012	8224			4910	N			N	X			
05	39	391030003	1	0012				4766				S	X			
05	39	391530022	1	0012	8350	8390			S	S			X			
									2	2	0	3	5	2,200		
05	39	391510016	1	0151		1432		4774		N		N	X			
05	39	391510020	1	0151	8498				S				X			
05	39	391510021	1	0151				5065				S	X			
05	39	391511009	1	0151				4762				N	X			
05	39	391514005	1	0151				5036				S	X			
									1	1	0	4	5	2,200		
05	39	390950008	2	0220		8681				N			X			
05	39	390950024	1	0220		8688		5095		S		S	X			
05	39	390950027	1	0220				5112				S	X			
05	39	390950034	1	0220				5100				S	X			
05	39	390950081	1	0220				5115				N	X			
									0	2	0	4	5	2,200		
05	39	390350034	1	0229				5014				N	X			
05	39	390350038	2	0229		8603				N			X			
05	39	390350045	1	0229		8679				N			X			
05	39	390350048	1	0229	8381				N				X			
05	39	390350051	1	0229	8290				S				X			
05	39	390350053	1	0229	8548								X			
05	39	390350060	1	0229		8617	8484			N	N		X			
05	39	390350064	1	0229				4859				S	X			
05	39	390350065	1	0229		8405				S			X			
05	39	390350066	1	0229	2563		2533		S		S		X			
05	39	390350070	1	0229	5660		5497		S		S		X			
05	39	390355002	1	0229				4859				S	X			
									4	4	3	3	12	5,280		
05	39	390230001	1	0229				5101				N	X			
05	39	390230003	1	0229		8731		5095		S		N	X			

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Reg	St	AQS No.	POC	RO No.	42101 CO Obs	42401 SO2 Obs	42602 NO2 Obs	44201 O3 Obs	42101 CO	42401 SO2	42602 NO2	44201 O3	SITES	Cost/RO	Cost/State	Cost/Region
05	39	391130003	1	0229	7343				N				X			
05	39	391130025	2	0229		1435				N			X			
05	39	391130028	1	0229	8648				N				X			
05	39	390570006	1	0229				5105				S	X			
05	39	391090005	1	0229				5066				S	X			
05	39	391130033	1	0229				5050				S	X			
05	39	391351001	1	0229				5063				S	X			
05	39	391130034	1	0229	1263											
									2	2	0	6	9	3,960		
05	39	390610006	1	1259				5073				N	X			
05	39	390610021	1	1259	8691				N				X			
05	39	390614002	1	1259	8505		7267		N		N		X			
05	39	390170004	1	1259		8725		5099		S		S	X			
05	39	390171004	X	1259		8711		5098		S		S	X			
05	39	390250021	1	1259		8521				S			X			
05	39	390250022	1	1259				5115				S	X			
05	39	390610010	X	1259		8756		5122		S		S	X			
05	39	390610040	1	1259			8728	5124			S	S	X			
05	39	391650007	1	1259				5089				S	X			
									2	4	2	7	10	4,400		
05	39	390853002	1	0595		8368		5042		S		N	X			
05	39	390550004	1	0595				4895				S	X			
05	39	390850003	1	0595		8355		5022		S		S	X			
05	39	390850006	1	0595	8726				S				X			
									1	2	0	3	4	1,760		
05	39	390990013	1	0634		8363		4897		S		S	X			
05	39	391550009	1	0634				4899				S	X			
05	39	391550011	1	0634				4903				S	X			
									0	1	0	3	3	1,320		
05	39	390490081	1	0805				4877				N	X			
05	39	390410002	1	0805				4905				S	X			
05	39	390490005	1	0805	8617				S				X			
05	39	390490028	1	0805				4864				S	X			
05	39	390490029	1	0805				4890				S	X			
05	39	390490034	1	0805		8247				S			X			
05	39	390490036	1	0805	8612				S				X			
05	39	390490037	1	0805				4910				S	X			
05	39	390830002	1	0805				4810				S	X			
05	39	390890005	1	0805				4856				S	X			
05	39	390970007	1	0805				4921				S	X			
									2	1	0	8	11	4,840		
05	39	390071001	1	0807		8144		4883		S		S	X			
05	39	390290022	1	0807		8385				S			X			
05	39	390930017	1	0807		7197		4878		S		S	X			
									0	3	0	2	3	1,320		
05	39	390030002	1	0808		8334		4904		S		S	X			
05	39	391730003	1	0808				4912				S	X			
									0	1	0	2	2	880		
05	39	390133002	2	0809		8311				S			X			
05	39	390810017	1	0809	732	8242		4879	S	S		S	X			
05	39	390811001	1	0809	8684	713			S	S			X			
05	39	391051001	1	0809		8259				S			X			
05	39	391150003	1	0809		8090				S			X			
05	39	391670004	1	0809				4890				S	X			
05	39	390530002	1	0809		8388										
05	39	391570006	1	0809		8224										
									2	5	0	2	6	2,640		
05	39	390271002	1	0810				4882				S	X			

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Reg	St	AQS No.	POC	RO No.	42101 CO Obs	42401 SO2 Obs	42602 NO2 Obs	44201 O3 Obs		42101 CO	42401 SO2	42602 NO2	44201 O3	SITES	Cost/RO	Cost/State	Cost/Region
05	39	390010001	1	0880		8383				0	0	0	1	1	440		
05	39	390870006	X	0880		8394		4742			S		S	X			
05	39	390870011	1	0880				4897			S		S	X			
05	39	391450013	1	0880		8382					S			X			
										0	3	0	2	4	1,760		
		Ohio								16	31	5	50	80		35,200	
05	55	550030010	1	1175				1825									
05	55	550090005	1	1175		6911					S			X			
05	55	550090026	1	1175				4385					S	X			
05	55	550210015	1	1175				3632					N	X			
05	55	550250041	1	1175				4373					N	X			
05	55	550270007	1	1175				6720					S	X			
05	55	550290004	1	1175				4162					S	X			
05	55	550370001	1	1175				4388									
05	55	550390006	1	1175				4555					S	X			
05	55	550410007	1	1175		5605		6202									
05	55	550450001	1	1175				4474					S	X			
05	55	550550002	1	1175				4587					S	X			
05	55	550590019	1	1175				4380					S	X			
05	55	550610002	1	1175				4727					S	X			
05	55	550710007	1	1175			2026	4311					S	X			
05	55	550730012	1	1175				4385									
05	55	550790010	1	1175				4599									
05	55	550790026	1	1175	6548	7255	7196	7046		S	S		S	X			
05	55	550790041	1	1175				4377					N	X			
05	55	550790044	1	1175	6283			3608		N			S	X			
05	55	550790085	1	1175				4387					S	X			
05	55	550850004	1	1175				4343									
05	55	550850996	1	1175		7256					S			X			
05	55	550870009	1	1175				4550					S	X			
05	55	550890008	1	1175				4385					N	X			
05	55	550890009	1	1175			2180	4394					UP	S	X		
05	55	551010017	1	1175				4345					S	X			
05	55	551050024	1	1175				4713					S	X			
05	55	551091002	1	1175				4345					S	X			
05	55	551110007	1	1175		4242	2813	6656									
05	55	551170006	1	1175				4391					S	X			
05	55	551230008	1	1175				4573									
05	55	551250001	1	1175		443		5218									
05	55	551270005	1	1175				4378					S	X			
05	55	551310009	1	1175				4364					S	X			
05	55	551330017	1	1175				4437					S	X			
05	55	551330027	1	1175				3303									
		Wisconsin								2	3	1	25	27	11,880	11,880	
5										44	73	22	182	242			106,480
06	05	050350005	1	0055				8409									
06	05	050970001	1	0055				6670									
06	05	051010002	1	0055				8184									
06	05	051130003	1	0055				1671					S	X			
06	05	051190007	1	0055		8137	7845	8286			S	S	N	X			
06	05	051191002	1	0055				8399					N	X			
06	05	051191005	1	0055	8721			8401		S			S	X			
06	05	051390006	1	0055		8022					S			X			

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		Arkansas							1	2	1	4	5	2,200	2,200	
06	22	220050004	1	1001				8231								
06	22	220110002	1	1001				8599				S	X			
06	22	220150008	X	1001		8475		8469		S		N	X			
06	22	220170001	2	1001				8459				N	X			
06	22	220190002	1	1001				8593				S	X			
06	22	220190008	1	1001		8303		8375		S		S	X			
06	22	220190009	1	1001			8460	8586								
06	22	220330003	1	1001			8225	8468				S	X			
06	22	220330009	1	1001	8605	8581	8474	8530	S	N	S	N	X			
06	22	220330013	1	1001			8435	8420				P	X			
06	22	220331001	X	1001			8371	8602				N	X			
06	22	220430001	1	1001				8428				S	X			
06	22	220470007	1	1001			7612	7817								
06	22	220470009	1	1001			8324	8593				P	X			
06	22	220470012	1	1001			7804	8385				S	X			
06	22	220511001	X	1001			8285	8477				N	X			
06	22	220550005	1	1001				8612								
06	22	220570004	1	1001				8606				S	X			
06	22	220630002	1	1001			7917	8225								
06	22	220710012	1	1001	8565		8411		N		N		X			
06	22	220710012	2	1001				8543				N	X			
06	22	220710017	1	1001	8414				N				X			
06	22	220730004	1	1001		8320		8250		S		S	X			
06	22	220770001	1	1001				8294				S	X			
06	22	220870002	1	1001		8280		8417		S		S	X			
06	22	220890003	1	1001				8429				S	X			
06	22	220930002	1	1001				8283				S	X			
06	22	220950002	1	1001				8157				S	X			
06	22	221010003	1	1001				8251				S	X			
06	22	221210001	1	1001		8627	8046	8595		S	S	S	X			
		Louisiana							3	6	5	23	25	11,000	11,000	
06	35	350010019	1	0017	8500			8534	N			S	X			
06	35	350010023	1	0017	8616		8283	8643	S		S	N	X			
06	35	350011012	1	0017				8257				N	X			
06	35	350010024	1	0017	8638			8669	S				X			
06	35	350010027	1	0017				8702				S	X			
06	35	350010028	1	0017	8689				S				X			
06	35	350010029	1	0017	8692			8653	S			S	X			
06	35	350011013	1	0017				8685				S	X			
06	35	350011014	1	0017	8657			8532	S			S	X			
06	35	350015010	1	0017	924											
06	35	350015011	1	0017	3899											
									6	0	1	7	9	3,960		
06	35	350130008	2	0765				8366				S	X			
06	35	350130017	1	0765		8663		8659		S		S	X			
06	35	350130020	1	0765				8694								
06	35	350130021	1	0765			6667	6703								
06	35	350130022	1	0765			8151	8720								
06	35	350130023	1	0765				5414				S	X			
06	35	350131012	1	0765	8689			3307	S			S	X			
06	35	350151004	1	0765		8424	8402			S	S		X			
06	35	350151005	1	0765			7447	8523								
06	35	350171003	1	0765		8589										
06	35	350431001	1	0765				8526				S	X			
06	35	350431003	1	0765	8108		7716	8129	S		S	S	X			

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Federal NPAP Costs to Monitoring Organizations

Annual Summary Year:2004

Reg	St	AQS No.	POC	RO No.	42101 CO Obs	42401 SO2 Obs	42602 NO2 Obs	44201 O3 Obs	42101 CO	42401 SO2	42602 NO2	44201 O3	SITES	Cost/RO	Cost/State	Cost/Region
06	35	350450009	1	0765		6477	7827	8608		S	S	S	X			
06	35	350451005	X	0765		5269	7897	8235		S			X			
06	35	350490019	1	0765	8696				S				X			
06	35	350250008	1	0765			2963	2887								
									3	4	3	7	10	4,400		
06	35	350439004	1					1547								
									0	0	0	0	0			
		New Mexico							9	4	4	14	19		8,360	
06	40	400019009	1					8517								
06	40	400219002	1		8632	7448	8163	5906								
06	40	400719003	1		1832	2166	2166	845								
06	40	400719010	1		8448	8263		6201								
06	40	400979014	1			6246	4096	5656								
									0	0	0	0	0			
06	40	401090033	1	0812			8733	8749			S	N	X			
06	40	401090047	1	0812	8430				N				X			
06	40	401091037	1	0812		8536	8639	8692		S	S	N	X			
06	40	401430137	1	0812				8708				N	X			
06	40	400270049	1	0812				8584				S	X			
06	40	400310647	1	0812	8592			8582	S			S	X			
06	40	400710602	1	0812		8524				S			X			
06	40	400871073	1	0812				8603				S	X			
06	40	401010167	1	0812		8638				S			X			
06	40	401430174	1	0812				8740				S	X			
06	40	401430175	2	0812		8292				S			X			
06	40	401430191	1	0812	8508				S				X			
06	40	401431127	1	0812			8581	8596			S	S	X			
06	40	400170101	1	0812				8730								
06	40	400430860	1	0812				8736								
06	40	401090096	1	0812				8741								
06	40	401210415	1	0812				8682								
06	40	401430178	1	0812				8580								
06	40	401430235	1	0812		8460										
06	40	401430501	1	0812		8700										
06	40	400190297	1	0812				5776								
06	40	400330680	1	0812				5794								
06	40	400370144	1	0812				8708								
06	40	400690323	1	0812				6184								
									3	4	3	8	13	5,720		
06	40	401159004	1		8369	8233	8194	6558								
									0	0	0	0	0			
		Oklahoma							3	4	3	8	13		5,720	
06	48	481130069	X	0196	8257	8063	8494	8664			P	P	X			
06	48	481130087	1	0196			8483	8680			S	S	X			
									0	0	2	2	2	880		
06	48	482011035	X	0200	8316	8318	8108	8563		N	P	P	X			
06	48	482010047	X	0200	8544		8342	8567	S	N		S	X			
06	48	482010046	1	0200		8620		8635				S	X			
06	48	482010051	2	0200		8576		8604				S	X			
06	48	482010062	1	0200		8443		8630				S	X			
06	48	482010075	1	0200	8270		8562	8558	S				X			
06	48	482010066	1	0200				8055								
									2	2	1	5	6	2,640		
06	48	481410002	1	0335	8109				S				X			

Federal NPAP Costs to Monitoring Organizations

				RO	42101	42401	42602	44201		42101	42401	42602	44201		Cost/RO	Cost/State	Cost/Region
Reg	St	AQS No.	POC	No.	CO Obs	SO2 Obs	NO2 Obs	O3 Obs		CO	SO2	NO2	O3	SITES			
06	48	481410029	1	0335	8268			8594									
										1	0	0	0	1	440		
25	80	800060006	1	0335				6263									
25	80	800060007	1	0335	7192			7844									
										0	0	0	0	0			
06	48	480430101	1					8252									
										0	0	0	0	0			
06	48	481410037	X	1035	8636	8469	8610	8705			N	P	P	X			
06	48	481410044	1	1035	8431		8387	8668				P	P	X			
06	48	481670014	1	1035			8561	8678				P	P	X			
06	48	482010024	X	1035	8579		8558	8694		N		P	P	X			
06	48	482010029	X	1035			8282	8387				P	P	X			
06	48	482011039	1	1035	8084		7622	8364		S		P	P	X			
06	48	480290032	2	1035				8489					N	X			
06	48	480290046	1	1035	8678		8026			N				X			
06	48	481410027	1	1035	297					N				X			
06	48	482011034	X	1035			8491	8694				N	S	X			
06	48	482450009	X	1035		8679	8575	8690			N		S	X			
06	48	482450011	1	1035		8507		8668			N		S	X			
06	48	483550025	X	1035		8625		8651			S		N	X			
06	48	483550026	1	1035		8667		8616			S		N	X			
06	48	484391002	X	1035	8660		8480	8692		N		N	N	X			
06	48	484392003	2	1035				8599					N	X			
06	48	484530014	X	1035	8548			8649		N			N	X			
06	48	480290059	1	1035			8119	8550				S	S	X			
06	48	480391004	1	1035			8438	8514									
06	48	480610006	1	1035	8563			8526					S	X			
06	48	480850005	1	1035				8594					S	X			
06	48	481210034	1	1035			8475	8437					S	X			
06	48	481390015	X	1035		8197	8359	8467				UP	S	X			
06	48	481410055	1	1035	8671		8514	8616		S		UP	UP	X			
06	48	481671002	2	1035		1148		4213			S		S	X			
06	48	481830001	X	1035		8667	8533	8701					S	X			
06	48	482010070	1	1035		8137		8629			S		S	X			
06	48	482450022	1	1035			8161	8640				S	S	X			
06																	

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Reg	St	AQS No.	POC	RO No.	42101 CO Obs	42401 SO2 Obs	42602 NO2 Obs	44201 O3 Obs	42101 CO	42401 SO2	42602 NO2	44201 O3	SITES	Cost/RO	Cost/State	Cost/Region
06	48	482450020	1	1035		8244		8682								
06	48	482510003	1	1035												
06	48	482570005	1	1035		8599	8397	8612			UP	UP	X			
06	48	483550032	1	1035		8645										
06	48	483670081	1	1035				8699								
06	48	483970001	1	1035				8685								
06	48	484230007	1	1035			8591	8708								
06	48	484390075	1	1035				8650								
06	48	484530020	1	1035			8500	8609								
06	48	484530613	1	1035		3642	3807	4359								
06	48	484690003	1	1035				8610								
06	48	484790016	1	1035	8661			8673								
06	48	484790017	1	1035	8540											
06	48	482010055	1	1035			8324	8676			UP	UP	X			
06	48	484393009	1	1035			8449	8660			UP	UP	X			
									8	7	17	31	33	14,520		
25	80	800060004	1	0335	7404											
25	80	800060006	1	0335	7890											
									0	0	0	0	0			
		Texas							11	9	20	38	42		18,480	
6									27	25	33	87	104			45,760
07	19	191130029	1	0613		8381				N			X			
07	19	190170011	1	0613				5077				S	X			
07	19	191130028	1	0613				5060				S	X			
07	19	191130030	1	0613	8492				S				X			
07	19	191130031	1	0613	8726	8664			S	S			X			
07	19	191130033	1	0613			5050	5100				S	X			
07	19	191130038	1	0613		8208				S			X			
									2	3	0	3	7	1,659		
07	19	191530058	1	0874			8326	5088			S	N	X			
07	19	191690011	1	0874				4821				N	X			
07	19	191530052	1	0874	8762				S				X			
07	19	191530061	1	0874	8757				S				X			
07	19	191530062	1	0874	8670				S				X			
07	19	191810022	1	0874				4107								
									3	0	1	2	5	1,185		
07	19	191630015	1	1080		8078				N			X			
07	19	191632011	1	1080				4998				N	X			
07	19	190330018	1	1080		8706				S			X			
07	19	190450019	1	1080		8469				S			X			
07	19	190450021	1	1080				5100				S	X			
07	19	190851101	1	1080				4932				S	X			
07	19	191370002	1	1080				4895				S	X			
07	19	191390016	1	1080		8728				S			X			
07	19	191471002	1	1080				5096				S	X			
07	19	191630014	1	1080			8682	5084				S	X			
07	19	191770005	1	1080		7436		5088		S		S	X			
07	19	191770006	1	1080		1270				S			X			
07	19	191390017	1	1080		8733										
07	19	191390020	1	1080		8725										
									0	6	0	7	12	2,844		
		Iowa							5	9	1	12	24		5,688	
07	20	200450004	1	0563				8662								

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Federal NPAP Costs to Monitoring Organizations

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Reg	St	AQS No.	POC	RO No.	42101 CO Obs	42401 SO2 Obs	42602 NO2 Obs	44201 O3 Obs	42101 CO	42401 SO2	42602 NO2	44201 O3	SITES	Cost/RO	Cost/State	Cost/Region
07	20	200910010	1	0563				8756								
07	20	201030003	1	0563				8672				S	X			
07	20	201070002	1	0563	7495	8708	8235	8708								
07	20	201250006	2	0563		7693										
07	20	201730001	1	0563				8765				N	X			
07	20	201730010	X	0563	8674		8466	8669	N			N	X			
07	20	201731014	1	0563	8758				S				X			
07	20	201910002	1	0563		8466	7037	8433								
07	20	201950001	1	0563		8382		8573								
07	20	202090021	1	0563	8691	8671	8219	8649	S	N		S	X			
		Kansas							3	1	0	4	5	1,185	1,185	
07	29	290470005	1	0588			8717	5123			N	N	X			
07	29	291831002	1	0588			7697	5126			N	N	X			
07	29	290370003	1	0588				5123				S	X			
07	29	290470003	1	0588				5112				S	X			
07	29	290470006	1	0588			7489	5131			S	S	X			
07	29	290490001	1	0588				5117				S	X			
07	29	290950010	1	0588	8311				S				X			
07	29	290950034	1	0588		8724	7752			S	S		X			
07	29	290990004	1	0588		8220				S			X			
07	29	291570001	1	0588				5126				S	X			
07	29	291650023	1	0588		8385	7294	5128		S	S	S	X			
07	29	291860005	1	0588			8137	7112								
07	29	290390001	1	0588				4702								
07	29	290930030	1	0588		2168										
07	29	290930031	1	0588		2172										
07	29	290990012	1	0588				5122								
07	29	291370001	1	0588		8719		5112								
07	29	291831004	1	0588				5114								
									1	3	5	8	11	2,607		
07	29	290770040	1	1292		8694				S			X			
07	29	290770041	1	1292		8687				S			X			
									0	2	0	0	2	474		
07	29	290770026	1	0986		8756				S			X			
07	29	290770032	1	0986	8752	8754			S	S			X			
07	29	290770036	1	0986			8675	5134				S	X			
07	29	290770037	1	0986		8756				S			X			
									1	3	0	1	4	948		
07	29	295100007	1	0990		8719				N			X			
07	29	295100072	X	0990			8477	5094			S	S	X			
07	29	295100086	1	0990	8717	8686	8660	5098	N	S	N	N	X			
									1	2	2	2	3	711		
07	29	291890004	1	0992		6530	6525	5130		S	S	S	X			
07	29	291890006	X	0992		6462	6469	5063		S	S	S	X			
07	29	291893001	X	0992		6476	6494	5098		S	S	S	X			
07	29	291895001	1	0992		6499	6498	5071		S	S	S	X			
07	29	291897003	1	0992	6517	6510	6509	5124	S	S		S	X			
									1	5	4	5	5	1,185		
		Missouri							4	15	11	16	25		5,925	
07	31	311090016	1	0611				2942				S	X			
07	31	311090018	1	0611	6554				S				X			
									1	0	0	1	2	474		
07	31	310550032	1	0816				4938				N	X			
07	31	310550035	1	0816	8311			5058	N			N	X			
07	31	310550037	1	0816	8693				N				X			

Federal NPAP Costs to Monitoring Organizations

Reg	St	AQ5 No.	POC	RO No.	42101 CO Obs	42401 SO2 Obs	42602 NO2 Obs	44201 O3 Obs		42101 CO	42401 SO2	42602 NO2	44201 O3	SITES	Cost/RO	Cost/State	Cost/Region
07	31	310550028	1	0816				4963					S	X			
07	31	310550050	1	0816		3138					S			X			
07	31	310550053	1	0816		7720					S			X			
07	31	310550055	1	0816		5008					S			X			
										2	3	0	3	7	1,659		
		Nebraska								3	3	0	4	9		2,133	
7										15	28	12	36	63			14,931
08	08	080013001	X	0240	8684	8273	7779	8425		N	S	N	S	X			
08	08	080050002	1	0240				8659					N	X			
08	08	080310002	X	0240	8678	7685	8099			N	N	N		X			
08	08	080310014	1	0240	8292					N				X			
08	08	080410013	1	0240				8497					N	X			
08	08	080590002	1	0240	8640			8710		S			N	X			
08	08	080130009	1	0240	8405					S				X			
08	08	080130010	1	0240	8564					S				X			
08	08	080130011	1	0240				8545					S	X			
08	08	080310013	1	0240	8621					S				X			
08	08	080310014	2	0240				7981					S	X			
08	08	080310019	1	0240	8396					S				X			
08	08	080350002	1	0240				1385					S	X			
08	08	080350004	1	0240				5914					S	X			
08	08	080410006	1	0240	8635					S				X			
08	08	080410015	1	0240	8460					S				X			
08	08	080410016	1	0240				6048					S	X			
08	08	080590005	1	0240				8704					S	X			
08	08	080590011	1	0240				8657					S	X			
08	08	080691004	1	0240	8591			8529		S			S	X			
08	08	080770018	1	0240	7865					S				X			
08	08	081230009	1	0240				8503					S	X			
08	08	081230010	1	0240	8540					S				X			
08	08	080010007	1	0240		2031											
08	08	080590006	1	0240				8432									
08	08	080690010	1	0240	8693												
08	08	080590012	1	0240				4368									
										13	2	2	13	23	10,120		
08																	

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Reg	St	AQS No.	POC	RO No.	42101 CO Obs	42401 SO2 Obs	42602 NO2 Obs	44201 O3 Obs	42101 CO	42401 SO2	42602 NO2	44201 O3	SITES	Cost/RO	Cost/State	Cost/Region
08	30	300290047	1	0730	8313											
08	30	300310013	1	0730	8320											
08	30	300930053	1	0730	7833											
08	30	301110082	1	0730	3766	3776										
08	30	301110084	1	0730		8339										
									5	2	0	0	6	2,640		
08	30	300298001	1					7425								
									0	0	0	0	0			
08	30	301112006	1			4146										
08	30	301112007	1			4140										
									0	0	0	0	0			
		Montana							5	2	0	0	6		2,640	
08	38	381050103	1			8699										
08	38	381050105	1			8687										
									0	0	0	0	0			
08	38	380530104	1			8672										
08	38	380530111	1			8704										
									0	0	0	0	0			
08	38	380570102	1			8722	8639									
08	38	380570118	1			8687										
08	38	380570123	1			8698										
08	38	380570124	1			8648	7872									
									0	0	0	0	0			
08	38	380070002	1	0782		5062		5066		S		S	X			
08	38	380130004	1	0782		8683	8655	8685		S	S	S	X			
08	38	380171004	1	0782		8392	8593	8729		S	S	S	X			
08	38	380250003	1	0782		8700	8672	8717		S	S	S	X			
08	38	380530002	1	0782		8729	8707	8735		S	S	S	X			
08	38	380570004	1	0782		8719	8690	8722		S	S	S	X			
08	38	380650002	1	0782		8732	8706	8686		S	S	S	X			
08	38	380130002	1	0782		8680	8151									
08	38	380590002	1	0782		8727										
08	38	380590003	1	0782		8335										
									0	7	6	7	7	3,080		
08	38	380550113	1			4340										
									0	0	0	0	0			
		North Dakota							0	7	6	7	7		3,080	
08	46	460711001	1					8330								
									0	0	0	0	0			
08	46	460990007	X	0973		8621	8607	2365		S	S	S	X			
08	46	461030016	1	0973				3646				S	X			
									0	1	1	2	2	880		
		South Dakota							0	1	1	2	2		880	
08	49	490370101	1					8215								
08	49	490530130	1					7684								
									0	0	0	0	0			
08	49	490037001	1					2218								
									0	0	0	0	0			
08	49	490030003	1	1113				3607				S	X			
08	49	490050004	1	1113	2157	8669	8591	4332	S	S	S	S	X			
08	49	490110004	1	1113		8627	8543	3583		S	S	S	X			
08	49	490350003	1	1113	8634		8592	3591	N		S	N	X			

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Reg	St	AQS No.	POC	RO No.	42101 CO Obs	42401 SO2 Obs	42602 NO2 Obs	44201 O3 Obs		42101 CO	42401 SO2	42602 NO2	44201 O3	SITES	Cost/RO	Cost/State	Cost/Region
08	49	490350012	1	1113		8600								X			
08	49	490350014	1	1113	8568					S	S			X			
08	49	490351001	4	1113		8692					N			X			
08	49	490352004	1	1113		4294		3623			S		S	X			
08	49	490353006	1	1113	3592		8633	3618		S		S	S	X			
08	49	490353007	1	1113	3453			3634		S			S	X			
08	49	490353008	1	1113				3587					S	X			
08	49	490490002	X	1113	3502		8302	3529		S		S	S	X			
08	49	490490005	1	1113	8684					S				X			
08	49	490495008	1	1113				3542					S	X			
08	49	490495010	1	1113				3563					S	X			
08	49	490570002	1	1113			8614					S		X			
08	49	490570006	1	1113	8012					S				X			
08	49	490570007	1	1113				3617					S	X			
08	49	490571003	1	1113				3512					S	X			
										8	5	6	13	19	8,360		
		Utah								8	5	6	13	19		8,360	
08	56	560050892	1				4935										
										0	0	0	0	0			
08	56	560090819	1				6190										
										0	0	0	0	0			
08	56	560391011	1					8085									
										0	0	0	0	0			
08	56	560050789	1				5664										
										0	0	0	0	0			
08	56	560050857	2			8705											
										0	0	0	0	0			
08	56	560050123	1				6143	6038									
08	56	560050456	1				6126	6038									
08	56	560350098	1				1326	1328									
										0	0	0	0	0			
		Wyoming								0	0	0	0	0		0	
8										26	17	15	35	57			25,080
09	04	040070009	1	0053		8522					S			X			
09	04	040070010	X	0053			4948	4959				S	S	X			
09	04	040071001	3	0053		8731					S			X			
09	04	040139993	1	0053			5105	5101				S	S	X			
09	04	040139997	X	0053	8719		5036	8722		S		S	S	X			
09	04	040139997	1	0053			8665										
09	04	040218001	X	0053			5098	5106				S	S	X			
09	04	040250005	1	0053				4874					S	X			
09	04	040270006	1	0053				5108					S	X			
09	04	040212001	1	0053		8742								X			
										1	2	4	6	9	3,960		
09	04	040137003	1					5050									
09	04	040217001	1					5020									
										0	0	0	0	0			
09	04	040130016	1	0643	8448					N				X			
09	04	040133002	X	0643	8629	7849	8362	8524		N	N	N	N	X			
09	04	040133003	1	0643	4875	8272	8090	8370		S		N	N	X			
09	04	040130019	1	0643	8408		8540	8638		S		S	S	X			
09	04	040131003	1	0643	5008					S				X			
09	04	040131004	1	0643	4933			8489		S			S	X			

Federal NPAP Costs to Monitoring Organizations

Reg	St	AQS No.	POC	RO No.	42101 CO Obs	42401 SO2 Obs	42602 NO2 Obs	44201 O3 Obs		42101 CO	42401 SO2	42602 NO2	44201 O3	SITES	Cost/RO	Cost/State	Cost/Region	
09	32	320050009	1	0145	8407													
										0	0	0	0	0	0			
09	32	320030016	1	0226	8632			8720		N			N	X				
09	32	320030538	X	0226	6522			8598		S			N	X				
09	32	320030007	1	0226				8711					S	X				
09	32	320030020	1	0226				8669					S	X				
09	32	320030022	1	0226			8657	8684					S	X				
09	32	320030023	1	0226			8696	8709					S	X				
09	32	320030043	1	0226				8085					S	X				
09	32	320030071	1	0226				8537					S	X				
09	32	320030072	1	0226				8713				S	X					
09	32	320030073	1	0226			6965	8674				S	X					
09	32	320030075	1	0226				8713				S	X					
09	32	320030078	1	0226				1337				S	X					
09	32	320030539	1	0226	8597	8605	8132			S	S	S		X				
09	32	320030561	1	0226	8609					S				X				
09	32	320030563	1	0226	8611		8435			S		S		X				
09	32	320030601	1	0226				8462					S	X				
09	32	320031019	1	0226			8125	8693					S	X				
09	32	320031021	1	0226	8663					S			S	X				
09	32	320031023	1	0226	8559					S				X				
09	32	320032002	1	0226	8714		8483	8697		S			S	X				
										8	1	7	15	20	8,800			
09	32	320330101	1					8145										
									0	0	0	0	0					
09	32	325100004	1	0757	8583			4541		S			S	X				
										1	0	0	1	1	440			
09	32	320310016	1	1138	8596			8721					N	X				
09	32	320310020	1	1138	8707			8711		S			S	X				
09	32	320310022	1	1138	8680					S				X				
09	32	320310025	1	1138	8522			8697		S			S	X				
09	32	320311005	1	1138	8697			8713		S			N	X				
09	32	320312002	1	1138				8520					S	X				
09	32	320312009	1	1138	8642			8678		S			S	X				
										5	0	0	6	7	3,080			
		Nevada							14	1	7	22	28		12,320			
9									34	9	20	46	67			29,480		
10	02	020200018	1	0														

Attachment 3

Federal NPAP Costs to Monitoring Organizations

Annual Summary Year:2004

Reg	St	AQS No.	POC	RO No.	42101 CO Obs	42401 SO2 Obs	42602 NO2 Obs	44201 O3 Obs	42101 CO	42401 SO2	42602 NO2	44201 O3	SITES	Cost/RO	Cost/State	Cost/Region
10	16	160270007	1	0511				4767								
10	16	160290031	1	0511		8753										
10	16	160390002	1	0511			1420									
10	16	160390010	1	0511				5102								
									1	1	0	0	2	880		
10	16	160230101	1					7922								
									0	0	0	0	0			
		Idaho							1	1	0	0	2		880	
10	41	410390060	1	0598				3640								
10	41	410391007	1	0598				3644				S	X			
10	41	410392062	1	0598	8733											
									0	0	0	1	1	440		
10	41	410050004	1	0821				3632				N	X			
10	41	410052002	1	0821				3585				S	X			
10	41	410090004	1	0821				3564				S	X			
10	41	410170002	1	0821	4243											
10	41	410290009	1	0821	8634				S				X			
10	41	410290018	1	0821	4347											
10	41	410290201	1	0821				3639								
10	41	410330006	1	0821	4355				S				X			
10	41	410350006	1	0821	4061											
10	41	410390013	1	0821	8720				S				X			
10	41	410410002	1	0821		3328				S			X			
10	41	410470004	1	0821				3575				S	X			
10	41	410470039	1	0821	4119				S				X			
10	41	410510080	1	0821	4374		3068	3615	N		N	S	X			
10	41	410510087	1	0821	8736				S				X			
10	41	410510243	1	0821	4369				S				X			
									7	1	1	5	12	5,280		
		Oregon							7	1	1	6	13		5,720	
10	53	530090012	1			8299		6847								
10	53	530531010	1					7907								
10	53	530570013	1					7882								
									0	0	0	0	0	0		
10	53	530570018	1			7960	8455	8546								
									0	0	0	0	0			
10	53	530110010	1	1136	8721				S				X			
10	53	530110011	1	1136				3649				S	X			
10	53	530330010	1	1136				3332				N	X			
10	53	530330017	1	1136				3645								
10	53	530330019	1	1136	8736				S				X			
10	53	530330023	1	1136				3622				S	X			
10	53	530330077	1	1136	8644				N				X			
10	53	530330080	1	1136	8737	8321	8007	3576			N	S	X			
10	53	530330087	2	1136	8725				S				X			
10	53	530390003	1	1136				3455								
10	53	530410007	1	1136				3329								
10	53	530450005	1	1136				3586								
10	53	530530012	1	1136				8136								
10	53	530530032	1	1136	8566				S				X			
10	53	530531008	1	1136				3641				S	X			
10	53	530610004	1	1136	2940				S				X			
10	53	530630001	1	1136				3592								
10	53	530630040	1	1136	8428				S				X			

Attachment 3

Federal NPAP Costs to Monitoring Organizations

Annual Summary Year:2004

Reg	St	AQS No.	POC	RO No.	42101 CO Obs	42401 SO2 Obs	42602 NO2 Obs	44201 O3 Obs	42101 CO	42401 SO2	42602 NO2	44201 O3	SITES	Cost/RO	Cost/State	Cost/Region
10	53	530630046	1	1136				3645				S	X			
10	53	530630049	1	1136	8595											
10	53	530670002	1	1136				3648								
10	53	530730005	1	1136				3569								
10	53	530770014	1	1136	4182				S				X			
									8	0	1	6	14	6,160		
		Washington							8	0	1	6	14		6,160	
10									21	3	3	13	34			14,960
Total									284	339	213	733	1,055	401699	401699	401699

Region1 \$200/Site

Region2 \$470/Site

Region7 \$1185/Site (70% Fed 30% Contractor)

all others \$2200/site

Attachment 4

PM2.5 Performance Evaluation Program (PEP) & National Performance Audit Program (NPAP) Reporting Organization Implementation Decision Form for Calendar Year 2007

EPA Region	State #	State Abbreviation	Reporting Organization #
Reporting Organization Name			

Reporting Organization Responsible Official	
Regional Office Contact	

Number of PM _{2.5} SLAMS/NAMS Sites		Number of Gaseous SLAMS/NAMS/PAMS Sites	
---	--	--	--

PEP Question	(Y or N) ³	NPAP Question	(Y or N) ³
Do you plan to implement ¹ an adequate/independent the PM2.5 PEP in 2007? ²		Do you plan to implement ¹ an adequate/independent NPAP in 2007? ²	

¹ This means the reporting organization could implement their own adequate/independent program or participate in some other State or Local or consortium run adequate/independent program.

² Regions must approve capability by Oct. 1, 2006

³A "no" to either answer will indicate that the monitoring organization, for calendar year 2007, approves the redirection of FY07 STAG funds to EPA for Federal implementation. The amount that would be redirected is shown in Attachment 3.