3-Year Quality Assurance Report

Calendar Years 2011, 2012, and 2013

$PM_{2.5}$ Ambient Air Monitoring Program

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3-Year Quality Assurance Report for Calendar Years 2011, 2012, and 2013 $PM_{2.5}$ Ambient Air Monitoring Program

Ambient Air Monitoring Group
Office of Air Quality Planning and Standards
U.S. Environmental Protection Agency
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Foreword

This document is available as a PDF file on the Internet under the Ambient Monitoring Technical Information Center (AMTIC) Homepage (www.epa.gov/ttn/amtic/pmqa.html). The document can be read and printed using Adobe Acrobat Reader software, which is freeware that is available from many Internet sites (including the EPA web site).

Abstract

This report documents quality assurance activities for $PM_{2.5}$ environmental data operations for the calendar years 2011, 2012 and 2013, for those monitors required to adhere to the quality assurance requirements described in *40 CFR 58 Appendix A*. The report summarizes the data quality indicators of precision, accuracy, bias, and completeness.

The criteria pollutant particulate matter (PM) is defined as a broad class of substances that exist as liquid or solid particles over a wide range of sizes. EPA measures two particle size fractions: those less than or equal to [a nominal] 10 micrometers in diameter and those less than or equal to [a nominal] 2.5 micrometers in diameter, hereafter referred to as PM_{10} or $PM_{2.5}$, respectively. In general, the measurement goal of the $PM_{2.5}$ Ambient Air Quality Monitoring Program is to estimate the concentration, in units of micrograms per cubic meter ($\mu g/m^3$), of $PM_{2.5}$ that has been measured in the ambient air by either a reference method or an equivalent method. These concentrations are compared to the annual and 24-hour National Ambient Air Quality Standard (NAAQS). Prior to 2013, the national primary ambient air quality standards for $PM_{2.5}$ were 15.0 $\mu g/m^3$ for the annual mean concentration averaged over 3 years and 35 $\mu g/m^3$ for the annual 98th percentile averaged over 3 years. At the end of 2012, the annual standard was revised to 12.0 $\mu g/m^3$ for the annual mean concentration averaged over 3 years. The daily standard remained at 35 $\mu g/m^3$ for the annual 98th percentile averaged over 3 years.

A quality system for the $PM_{2.5}$ program was developed in order to achieve the data quality objectives (DQOs) that were developed for this program. In order to meet these DQOs, measurement quality objectives were developed for the data quality indicators of precision, bias, accuracy and completeness. This report defines the data quality indicators, explains the derivation of the goals for each indicator, and summarizes the estimates for these indicators in the 2011-2013 time frame.

This report focuses on monitors that are required to meet the CFR QA requirements, i.e., monitors identified as primary and that report $PM_{2.5}$ data to AQS under the criteria pollutant code 88101 for all sampling dates except those identified for exclusion from comparison to the NAAQS. Data from monitors collecting $PM_{2.5}$ that are not required to meet the CFR QA requirements may or may not need to adhere to the QA requirements and are therefore not summarized in this report except where specifically noted.

In general, the results show that the monitoring program quality systems are meeting the measurement quality objectives, although bias and precision are trending close to the exceedance of the data quality objectives. From a national standpoint, about 71% of the samplers operating all three years met the CFR requirement of 75% completeness in all 12 quarters. This is a slight decrease from 2008-2010, when 73% of the samplers operating all three years met the CFR completeness requirement in all 12 quarters. The average capture rate of all samplers is 94%, which indicates that the samplers are operating properly. The precision, accuracy, and bias objectives are being met at 54%, 85%, and 56% of the primary quality assurance organization (PQAOs), respectively. This is a noted reduction in precision from the 2008-2010 QA report. Specifically, nationwide, the samplers seem to be showing more imprecision. Bias is nationally at -4.3%, which is less negative than for 2008-2010 at -8.9%. Some of these changes are due to shifts in the distribution of types of samplers collecting $PM_{2.5}$, especially to federal equivalent methods.

NOTE: During the development of this report there were evaluations being performed, based on findings made by EPA during technical systems audits, that may result in the removal of some $PM_{2.5}$ data from use in NAAQS decisions and therefore effect data completeness statistics. This report does not reflect this data removal which had not occurred at the time the $PM_{2.5}$ data was being evaluated for this report.

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List of Abbreviations

AQS	Air Quality System
BAM	beta attenuation monitor
CFR	*Code of Federal Regulations*
CV	coefficient of variation
DQOs	data quality objectives
EPA	Environmental Protection Agency
ESAT	Environmental Services Assistance Team
FEM	Federal Equivalent Method
FRM	Federal Reference Method
LC	local conditions
OAQPS	Office of Air Quality Planning and Standards
PE	performance evaluation
PEP	Performance Evaluation Program
$PM_{2.5}$	particulate matter $\leq$ 2.5 microns
PQAO	primary quality assurance organization
QA	quality assurance
QAPP	quality assurance project plan
R&P	Rupprecht and Patashnick
RP	the precision version of an AQS precision and accuracy transaction
SLAMS	state and local monitoring stations
TEOM	tapered element oscillating microbalance (TEOM)
VSCC	very sharp cut cyclone
WINS	well impactor ninety-six

Executive Summary

This report documents the quality assurance activities that were undertaken for EPA's $PM_{2.5}$ environmental data operations for the calendar years 2011, 2012, and 2013. This Office of Air Quality Planning and Standards (OAQPS) 3-year data quality assessment indicates that the ambient air monitoring network, in general, is becoming more biased and less precise to the point that only half of the primary quality assurance organizations (PQAOs) are achieving each of the data quality objectives (DQOs) for bias and precision.

In general, the measurement goal of the $PM_{2.5}$ State, Local Air Monitoring Network (SLAMS) Ambient Air Quality Monitoring Program is to estimate the concentration, in units of micrograms per cubic meter ($\mu g/m^3$), of particulate matter less than or equal to [a nominal] 2.5 micrometers (μm) in diameter that have been collected using either reference or equivalent monitoring methods. For the SLAMS and designated Tribal monitors, the primary goal is to compare the $PM_{2.5}$ concentrations to the annual and 24-hour National Ambient Air Quality Standard (NAAQS). For 2011 and 2012, the national primary and secondary ambient air quality standards for $PM_{2.5}$ were 15.0 $\mu g/m^3$ annual arithmetic mean concentration and 35 $\mu g/m^3$ 98th percentile 24-hour average concentration measured in ambient air. Early in 2013, the standards changed to 12.0 $\mu g/m^3$ annual arithmetic mean concentration and 35 $\mu g/m^3$ 98th percentile 24-hour average concentration measured in ambient air.

The ambient air monitoring network collects measurements to provide an estimate or a representation of the true ambient air concentration. It is impossible to know with certainty the true value for any measured quantity or estimate. This is due to the potential for measurement uncertainty (measure the same thing twice and you will probably get two different answers) and to population uncertainty (does the measurement here represent the value 4 feet away or does the measurement today represent the value tomorrow). As a result, we may report an estimate that is above some important limit (e.g., the level of an air quality standard) when in fact the true value is below, or we may sometimes report an estimate that is below some important limit when in fact the true value is above. There is no way around this. Incorrect decisions can and will be made.

To reduce the number of incorrect decisions and estimate their probability of occurrence, we carefully design monitoring networks and quality systems. By conducting quality control measurements and periodically evaluating them, we can estimate, in the long run, the proportion of incorrect decisions made. We emphasize *in the long run*. A decision based on an individual measurement or an estimate (such as an annual average) at any individual site may or may not be correct. We cannot know the "truth" about one particular decision. But as we make decision after decision, in the long run we will know the percentage of the time that we are making the correct decision. Therefore, we should not try to defend an individual measurement or an aggregate of measurements from an individual monitor. Instead, we ensure that the monitoring network has been designed and is being operated in a manner so that the errors in the decisions are within an acceptable level.

The DQOs process, a seven-step planning approach to develop sampling designs for data collection activities that support decision making, was used to provide a framework for linking measurement uncertainty, population uncertainty, and the decision makers' tolerance for making a decision error.

Once the DQOs were determined, OAQPS developed a quality system to control and assess completeness, precision, bias, and accuracy in order to ensure an acceptable percentage of correct decisions. Table ES-1 summarizes data completeness and estimates of the primary data quality indicators of precision, accuracy, and bias at a national level. Table ES-2 provides quality assurance (QA) summary information at the EPA Region, state, and PQAO level. The data evaluated in this report was extracted from the Air Quality System (AQS) between May and August of 2014.

Table ES-1. National 3-Year Data Summary for Calendar Years 2011, 2012, and 2013.

Data Type	Completeness 3-Year Average	Acceptance Criteria	PQAO Meeting Acceptance Criteria	3-Year Estimate
Routine Data (759)	71%*			
Average Capture Rate	94%			
Collocation Precision	83%	10%	54%	10.1%
Flow Rate Accuracy	93%	4%/5%	100%	-0.15%
Performance Evaluations	70%	± 10%	56%	-4.3%

* 759 sites collected data in the 12 quarters from 2011-2013. The 3-year average completeness information is based on this value.

Completeness is the percentage of data collected divided by the amount that was expected or required to be collected. The one exception is Routine Data Completeness, which is the percentage of *sites* that collected the expected or required number of samples.

For this report, routine data completeness has been assessed by two methods. The first method is based upon the strictest interpretation of the completeness requirement in *40 CFR 50, App N* that a site must collect 75% valid data in every quarter (12 quarters for the 3-year period) for comparison to the NAAQS. As Table ES-1 indicates, the 3-year average routine completeness percentage is 71%. This means that 71% of the *samplers* reporting $PM_{2.5}$ data in all 12 quarters of 2011-2013 operated at 75% or greater completeness in every quarter. This completeness percentage of 71% is approximately the same as that obtained in 2008-2010 of 73%. The number of samplers on which this completeness is based decreased from 750 in 2005-2007 to 699 in 2008-2010 and has now increased back to 759 for 2011-2013. The second method of estimating routine data completeness is called average capture rate and is related to completeness during actual operation of a sampler (based on the sampler's start date and end date listed in AQS). The national 3-year average capture rate is 94%. This means that 94% of all the *samples* expected to be collected during the time each sampler was *operating* were valid. The high capture rate indicates that once a site is operating, it generally maintains a high level of completeness. This high rate is approximately the same as in the previous 3-year QA report of 92%. For both routine data completeness and average capture rate, information from all $PM_{2.5}$ monitors sampling in 2011-2013 are included.

Summary values for flow rate accuracy are similar to those from previous 3-year QA reports, namely 93% of the sites are performing the required number of flow rate audits and 100% of the PQAOs are meeting the acceptance criteria. This compares to 88% and 100% for percentage of sites and PQAOs reported in 2008-2010, respectively.

For precision, completeness is high at 83%. However, this number is lower than the completeness of 89% reported in 2008-2010. Of greater concern is the number of PQAOs meeting the precision acceptance criteria. Just 54% achieved that goal in 2011-2013 compared to 77% in 2008-2010. More details on this are included in Section 2.

For the bias assessment (Performance Evaluation Program [PEP]), the percentage of valid bias pairs greater than 3 µg/m^3 is 70% of what is required. This is a marked drop from 79% for the previous 3-year period. Also, only 56% of PQAOs achieved 75% completeness, a sharp decrease from 68% for the previous 3-year period. This reduction is mostly due to the loss of the majority of the PEP data from May through July of 2011. Had these data not been invalidated, then the average 3-year data completeness would have been 76% and 67% of the PQAOs would have achieved 75% completeness; these percentages would have been consistent with the previous QA Report. The reduction is also partially due to there being 8 PQAOs with 0 valid bias pairs, which get counted as having 0% completeness. Previous reports did not include PQAOs with 0 valid bias pairs in the estimate of completeness, therefore previous estimates may be optimistically elevated. Excluding these 8 PQAOs from the current summaries would result in an average data completeness of 76% and 61% of the PQAOs meeting 75% completeness.

Precision, Accuracy, Bias Assessments

Precision Assessment (Collocated Precision Data)

Precision is the measure of mutual agreement among individual measurements of the same property. The precision DQO is based on three years of precision data (75% complete). Therefore, any year or quarter may exceed the 10% precision criteria and the precision DQOs can still be met across the three year period.

For 2011-2013, the national precision estimate is 10.1% coefficient of variation (CV) and is based on approximately 29,000 collocated paired values where both routine and collocated QA values are > 3 µg/m^3. Nearly 2,800 pairs are excluded because they involve low concentrations. Also, approximately 500 (less than 2% of the database) pairs of samples had absolute percent differences greater than 50%, which can skew the results. It was noted that the number of large absolute percent differences is more than twice the number seen in 2008-2010. Excluding these large differences reduces the national estimate from 10.1% to 8.0%. That is, these points are highly influential. In this report, though, all precision pairs are included, since the purpose of this report is to summarize all data that are listed in AQS as valid.

Figure ES-1 provides national estimates for precision for 2011-2013 for all federal reference and equivalent methods for which precision data are available. Numbers above the whiskers are the number of pairs included in the estimate. Estimates to the left of the vertical line are for Federal Reference Method (FRM) and to the right are for federal equivalent method (FEM). Precision estimates (the upper whisker) range between 5.3% and 21.2%. For FRMs, estimates are below the DQO of 10% except for the Andersen/Thermo single and sequential samplers with well impactor ninety-six (WINS). For FEMs, the beta attenuation monitor (BAM) and tapered element oscillating microbalance (TEOM) 1400a have precision estimates greater than 10%. Another note from Figure ES-1 is that for FRMs, CVs are generally smaller for instruments operating with a very sharp cut cyclone (VSCC) than for those operating with a WINS impactor.

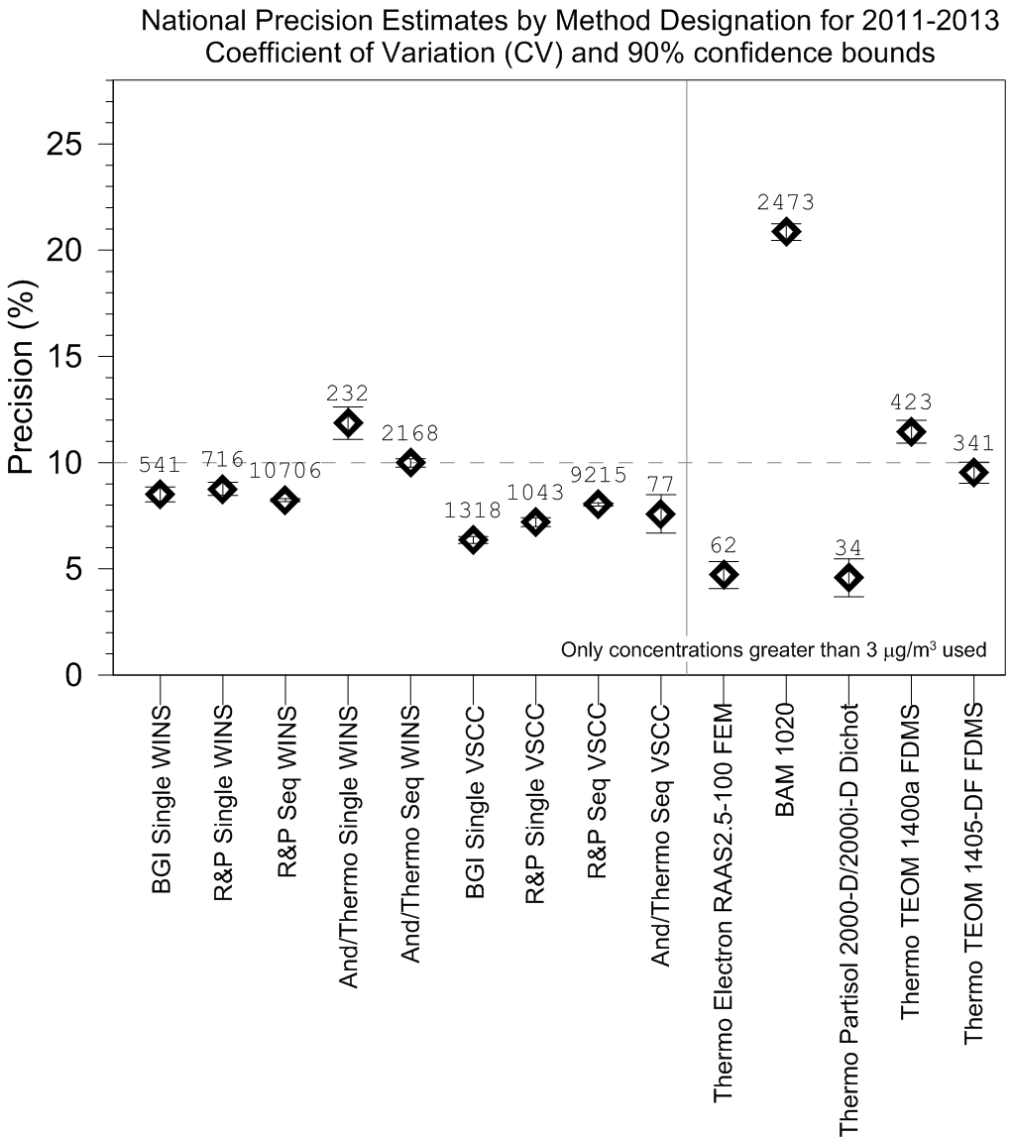

Figure ES-1. National 2011-2013 Precision Estimates and 90% Confidence Intervals by Method Designation

The estimates shown in Figure ES-1 combine all relative differences for each method into one CV. This may result in larger estimates of precision than aggregating site-level or PQAO-level precision estimates. This is due to the mean adjustment that is made in the CV. For example, suppose Site 1 has relative differences equal to 10% for all precision pairs. Then the CV for this site is 0%. Suppose Site 2 has relative differences equal to 20% for all precision pairs. Then the CV for this site is also 0%. Combining the relative differences and estimating a CV for the combined set will result in a CV that is not 0%. Of the 91 PQAOs, 49 (54%) have CVs less than the 10% DQO goal. Thus, nearly half of the PQAOs are not achieving the 10% DQO. This continues the trend of increasing estimates of CV and decreasing number of PQAOs achieving the 10% DQO shown in prior 3-year QA reports. For example, for 2008-2010, 77% of the PQAOs achieved the 10% DQO. This large

change is due in part to this being the first report to include FEMs in the summaries, and the FEM with the most numerous precision pairs (BAM) has a national precision estimate that exceeds 20%.

Accuracy Assessment (Quarterly Flow Rate Audit Data)

During 2011-2013, 93% of the samplers received at least 5 out of the 6 required audits, and average completeness for flow rate audits was 75% or better at 86% of the PQAOs. No flow rate information was provided for 11 PQAOs.

Figure ES-2 displays flow rate audits from the 2011-2013 period for monitors identified as primary (to be compared to NAAQS). Eight high or low outlier values were removed in order to provide a better view of the values within the ± 5% design value acceptance criteria. Of the 10,188 audits performed, 98% of the audits were within ± 4% of the audit standard and 99% of the audits were within ± 5% of the 16.67 L/min design flow rate. All of the PQAOs (100%) with flow rate information had average flow rates that were within +5% of the design flow rate and within +4% of the audit standard.

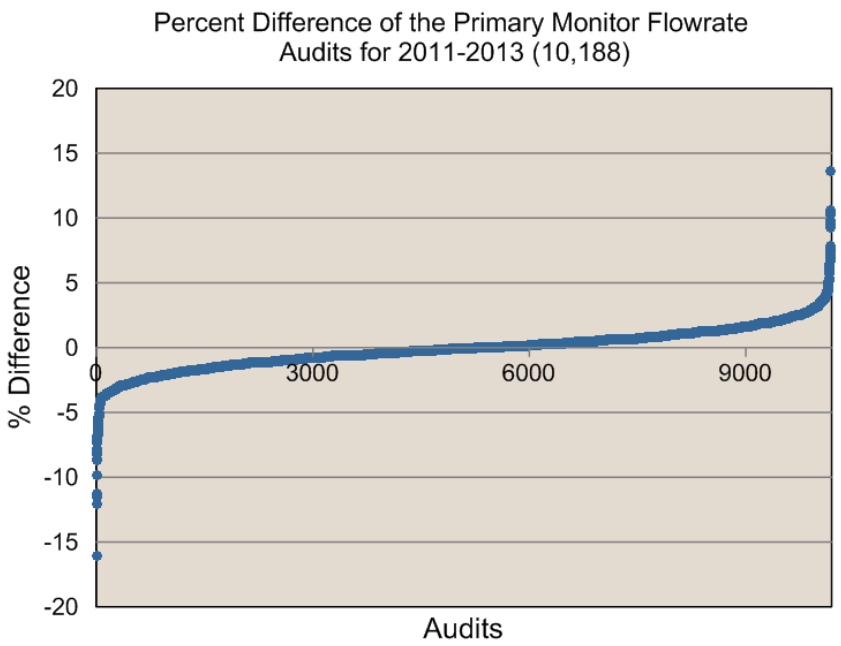

Figure ES-2. 3-Year Flow Rate Audit Data for 2011-2013.

Bias Assessment – Performance Evaluation Program and Routine Data

Bias is the systematic or persistent distortion of a measurement process that causes errors in one direction. As with precision, the bias DQO is based on three years of bias data.

For 2011-2013, the national bias estimate is -4.3%. This is less negative than the average bias reported for 2008-2010 of -8.9%. There are approximately 38 large paired differences (almost 3%

of the database) with absolute percent differences greater than 50%. Excluding these large differences reduces the bias from -4.3% to -6.0%, thus these values are highly influential. Figure ES-3 provides 3-year bias estimates and 95% confidence intervals for all federal reference and equivalent methods for which bias data are available in 2011-2013. The numbers on top of each mean denotes the number of bias pairs available for the estimate. Note that the sample size is very small for some methods. All methods are included for completeness. Methods to the left of the vertical line are reference methods and methods to the right of the vertical line are equivalent methods. The estimates have been seasonally adjusted to account for seasonal variation.

As in 2008-2010, the FRM with the most negative bias is the R&P Sequential with the WINS impactor with a bias of -10.6%. Samplers with the VSCC have biases closer to zero than samplers with the WINS impactor. Most of the FEMs have small sample sizes, but for the BAM which has a large sample size, bias is estimated at 13.7%. As a reminder, the audit sampler used to estimate bias is an FRM, typically the BGI Single Channel with a WINS impactor. Another important conclusion from Figure ES-3 is that the sample sizes are small for all but a few of the methods. This is reflected in the wide 95% confidence intervals.

Summary Table

Table ES-2 summarizes the completeness and data quality indicators by EPA Region for 2011-2013 data. The statistics are presented at the PQAO level. Details of how the estimates were generated are explained in Section 2 and Attachments 1-5. Data from both complete and incomplete sites are used to estimate the data quality indicators. An empty cell means there is no data.

For data completeness (routine, precision, and bias), highlighted boxes indicate that the PQAO has an average data completeness that is less than 75%. For the data quality estimates, highlighted boxes indicate that the PQAO has a precision estimate that is > 10% or a bias estimate that is > 10% or < -10%.

The intent of this table is to focus on where improvements to the quality system can be made. Incomplete data or data exceeding the acceptance criteria decrease certainty in a mass estimate. One should not construe highlighted cells in Table ES-2 as implying that the data are invalid. The acceptance criteria are simply goals and are not limits by which one would consider the data unusable.

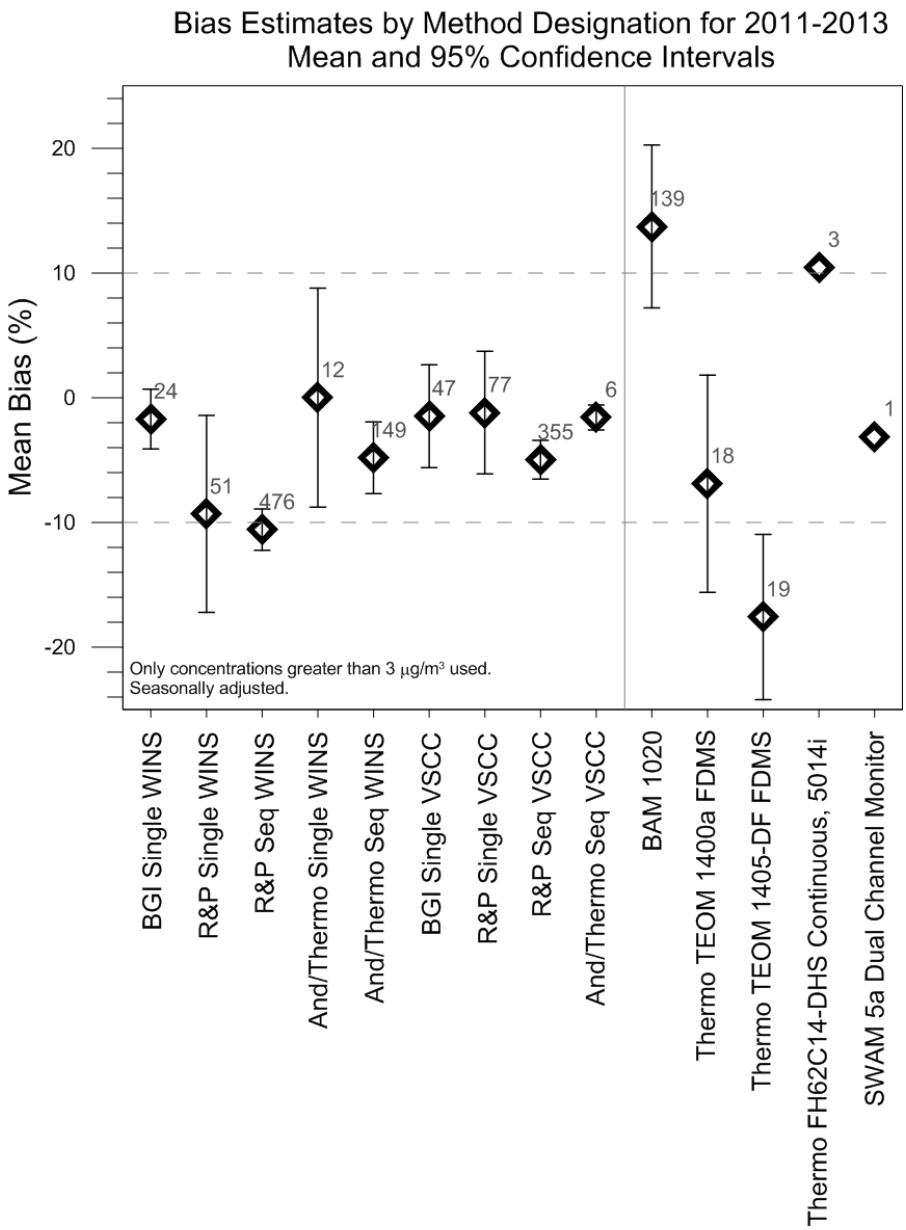

Figure ES-3. National 2011-2013 Bias Estimates and 95% Confidence Intervals by Method Designation.

Table ES-2. 2011-2013 PM2.5 Data Quality Summary

Region	State	PQAO	Routine % Comp	Precision % Comp	Upper Bound of CV	Bias % Comp	Bias %
01	CT	0251	96%	100%	7.9	100%	-11.2
01	MA	0660	97%	100%	10.1	100%	-4.4
01	ME	0635	90%	81%	5.4	100%	4.2
01	NH	0762	90%	99%	18.1	100%	7.7
01	RI	0907	92%	100%	18.3	100%	2.5
01	VT	1119	85%	100%	9.1	67%	-12.6
02	NJ	0764	94%	0%		100%	-11.7
02	NY	0768	89%	100%	9.1	67%	-12.5
02	PR	0889	81%	75%	13.5	76%	-19.7
02	VI	1124	56%	16%	6.7	0%	
03	DC	0350	95%	81%	9.1	87%	-2.5
03	DE	0294	92%	100%	11.3	83%	-11.7
03	MD	1002	91%	79%	5.3	83%	-10.5
03	PA	0021	91%	100%	7.9	79%	-9.6
03	PA	0851	91%	100%	22.5	92%	18.8
03	PA	0861	90%	100%	9.0	56%	8.0
03	VA	1127	95%	100%	3.5	71%	-14.3
03	WV	1150	95%	86%	6.9	71%	-5.2
04	AL	0013	96%	100%	4.5	96%	-5.1
04	FL	1328	94%	90%	8.6	96%	-26.3
04	GA	0437	86%	87%	6.5	79%	-7.7
04	KY	0584	91%	100%	5.3	75%	-11.8
04	MS	0703	88%	69%	6.8	96%	-7.2
04	NC	001	92%	100%	9.1	93%	-16.3
04	NC	0776	97%	100%	11.8	96%	-13.1
04	SC	0971	92%	100%	7.2	88%	-10.8
04	TN	1025	94%	88%	6.3	100%	-9.2
05	IL	0258	95%	78%	13.4	100%	-2.0
05	IL	0513	93%	78%	15.6	100%	-1.0
05	IN	0520	95%	100%	4.7	83%	-3.8
05	MI	0685	96%	100%	5.5	88%	-7.1
05	MN	0700	93%	95%	14.0	96%	4.6
05	MN	407	44%	55%	16.7	0%	
05	OH	0012	96%	100%	8.2	93%	4.8
05	OH	0151	95%	100%	6.2	93%	-3.3
05	OH	0220	95%	100%	9.5	80%	-8.7
05	OH	0229	95%	79%	6.6	83%	-1.3
05	OH	0287	96%	100%	5.1	67%	-4.8
05	OH	0595	96%	100%	8.5	87%	-10.1
05	OH	0634	95%	100%	6.7	100%	4.6
05	OH	0805	95%	100%	7.6	47%	-0.9
05	OH	0807	97%	100%	6.5	20%	-4.8
05	OH	0808	81%	0%		13%	-2.6
05	OH	0809	88%	83%	11.2	33%	-10.1
05	OH	0880	95%	100%	9.8	80%	-12.5
05	OH	1259	96%	100%	3.5	88%	-6.8
05	WI	1175	92%	93%	8.0	71%	-3.4

Table ES-2. 2011-2013 PM2.5 Data Quality Summary

Region	State	PQAO	Routine % Comp	Precision % Comp	Upper Bound of CV	Bias % Comp	Bias %
06	AR	0055	94%	99%	3.8	79%	-10.6
06	LA	1001	96%	88%	12.8	79%	-19.2
06	NM	0017	94%	100%	15.9	60%	-3.7
06	NM	0765	88%	100%	15.5	56%	16.8
06	OK	0055	91%	0%		0%	
06	OK	0812	93%	88%	5.8	78%	-2.6
06	OK	807	96%	100%	8.9	20%	1.3
06	OK	927	81%	0%		0%	
06	TX	1035	92%	100%	7.2	83%	-10.5
07	IA	0613	98%	100%	6.2	100%	-2.9
07	IA	0874	96%	100%	7.7	100%	-0.4
07	IA	1080	95%	100%	7.3	83%	0.3
07	KS	0563	94%	100%	7.0	83%	-12.9
07	MO	0588	93%	100%	10.6	92%	-3.6
07	NE	0752	88%	100%	14.4	73%	-10.9
07	NE	0816	93%	100%	13.4	93%	4.1
08	CO	0240	90%	100%	8.3	42%	-1.2
08	CO	0745	95%	0%		0%	
08	CO	750	79%	61%	7.1	53%	-4.6
08	MT	0730	91%	91%	14.4	38%	13.5
08	ND	0782	96%	100%	7.0	58%	-6.4
08	SD	0973	97%	99%	17.2	58%	11.6
08	UT	0745	87%	0%		0%	
08	UT	1113	94%	86%	14.2	79%	-0.4
08	UT	1387	72%	0%		0%	
08	UT	687	98%	0%		40%	-19.4
08	WY	1188	91%	90%	16.9	33%	-16.8
08	WY	1390	80%	0%		0%	
09	AZ	0053	94%	70%	10.4	79%	-8.1
09	AZ	0643	98%	85%	7.4	71%	1.6
09	AZ	0864	98%	0%		93%	-27.0
09	AZ	0865	98%	100%	10.4	93%	12.5
09	AZ	615	92%	100%	4.8	87%	-29.1
09	CA	0086	96%	100%	14.9	58%	14.1
09	CA	0145	91%	93%	20.4	100%	-1.8
09	CA	0942	84%	67%	5.7	71%	-7.4
09	CA	0972	93%	92%	8.5	88%	-7.8
09	CA	586	85%	100%	27.1	80%	22.1
09	HI	0481	94%	0%		58%	13.8
09	NV	0226	95%	100%	10.4	53%	11.6
09	NV	0757	99%	100%	11.3	0%	
09	NV	1138	98%	100%	13.0	60%	6.9
10	AK	0015	90%	79%	11.7	46%	19.2
10	ID	0511	94%	77%	16.0	67%	1.9
10	ID	180		0%		0%	45.1
10	OR	0821	96%	67%	3.7	58%	-9.2
10	WA	1136	92%	74%	11.8	67%	-14.8
11	NP	0745		0%		0%	

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1. Introduction

This Quality Assurance (QA) Report should be viewed as a 3-year evaluation to determine whether or not the $PM_{2.5}$ monitoring network is providing data of acceptable quality for its primary use: the comparison of routine ambient air quality data to the national ambient air quality standards (NAAQS). This report evaluates adherence to the quality assurance requirements described in *40 CFR 58 Appendix A* and assesses the data quality indicators of completeness, precision, accuracy, and bias for the calendar years 2011, 2012, and 2013.

Data used in this report were extracted from the Air Quality System (AQS) between May and August of 2014 for all monitors reporting $PM_{2.5}$ data that are collected using Federal Reference or Federal Equivalent method designation codes.

Most of the data quality indicator evaluations are at the national and the primary quality assurance organization (PQAO) levels of aggregation, with some evaluations occurring at the method designation and site level.

Organization of QA Report

The report is organized into two main sections:

Section 1: Overview of the $PM_{2.5}$ monitoring program and the implementation aspects of the quality system compared to the quality assurance requirements described in *40 CFR 58 Appendix A*.

Section 2: Results of the data quality assessment and preliminary conclusions.

In addition, five attachments provide more information at the site and PQAO level of aggregation, and a sixth attachment details the development of the databases used for the assessment.

Program Overview

The criteria pollutant defined as "particulate matter" consists of a broad class of substances that exist as liquid or solid particles over a wide range of sizes. As part of the ambient air quality monitoring program, two particle size fractions are measured: those less than or equal to [a nominal] 10 micrometers (µm) in aerodynamic diameter and those less than or equal to [a nominal] 2.5 µm in aerodynamic diameter, hereafter referred to as PM_{10} and $PM_{2.5}$, respectively. This report summarizes findings for $PM_{2.5}$ only.

The background and rationale for the implementation of the $PM_{2.5}$ ambient air monitoring can be found in the *Federal Register 40 CFR 50 July 18, 1997*. In general, the measurement goal of the $PM_{2.5}$ network is to estimate the concentration, in units of micrograms per cubic meter ($\mu g/m^3$), of $PM_{2.5}$ collected over 24-hour periods.

A major objective for the collection of the data is to compare $PM_{2.5}$ concentrations to the $PM_{2.5}$ NAAQS. Prior to December 12, 2012, the $PM_{2.5}$ NAAQS were 15.0 $\mu g/m^3$ for annual arithmetic mean concentrations and 35 $\mu g/m^3$ for 24-hour average concentrations. The $PM_{2.5}$ NAAQS were

revised December 12, 2012, to a new primary standard of 12 μg/m^3 for the annual arithmetic mean concentration. The primary standard for the 24-hour average concentrations remained at 35 μg/m^3.

As described in the following section on Data Quality Objectives (DQOs), OAQPS designed a quality system based upon the network's primary objective, which was comparison of data to the NAAQS. For this comparison, State, Local, and Tribal monitoring organizations are required to sample using a Federal Reference Method (FRM) or Federal Equivalent Method (FEM). The description of the $PM_{2.5}$ FRM is included in *40 CFR 50, App. L*, published as a final rule in the *Federal Register* on July 18, 1997. Since that time, additional FRM and many FEM sampling methods have been designated, and their descriptions may be found on the AMTIC website.[1] All $PM_{2.5}$ sampling sites that provide data for comparison to either the 24-hour or the annual $PM_{2.5}$ NAAQS for the purpose of addressing attainment and nonattainment decisions must employ designated FRM or FEM sampling techniques.

$PM_{2.5}$ Data Quality Objectives

DQOs are qualitative and quantitative statements derived from the DQO Process that clarify the monitoring objectives, define the appropriate type of data, and specify the tolerable levels of potential decision errors that will be used as the basis for establishing the quality and quantity of data needed to support decisions. The $PM_{2.5}$ DQOs are based on the desire of the decision maker(s) to estimate the concentration at a site (be it a 24-hour estimate or a mean) within acceptable levels of error, especially when concentrations are near the NAAQS.

The DQO Process is an iterative, statistics-based process that allows the decision maker to balance tolerable decision errors with the costs of increased data certainty (i.e., more precise or unbiased data, higher sampling frequencies, or larger networks). In order to provide the decision makers information on the various data quality tradeoffs, the DQO Process often uses power curves. The 1999-2001 $PM_{2.5}$ QA Report[2] provides a detailed description of the process that was employed to develop the $PM_{2.5}$ DQOs.

Data Quality Indicators

Once a DQO is established, the quality of the data must be measured and evaluated to ensure that it is maintained within the established acceptance criteria. Measurement quality objectives are designed to evaluate and control various phases (sampling, preparation, analysis) of the measurement process to ensure that total measurement uncertainty is within the range prescribed by the DQOs. The quality of data in a database can be summarized in terms of the following data quality indicators:

Completeness – A measure of the amount of valid data obtained from a measurement system compared to the amount that was expected to be obtained under correct, normal conditions. Data completeness requirements are included in the reference methods (*40 CFR 50*). The completeness goal for both routine data and QA data was established at 75%.

[1] http://www.epa.gov/ttn/amtic/criteria.html.
[2] 3-Year Quality Assurance Report for Calendar Years 1999, 2000, and 2001 -- The SLAMS $PM_{2.5}$ Ambient Air Monitoring Program http://www.epa.gov/ttnamti1/files/ambient/pm25/qa/qarept9901.pdf.

Precision – A measure of mutual agreement among individual measurements of the same property usually under prescribed similar conditions. This is the random component of error. Precision is estimated using collocated instruments. The measurement precision goal was 10% coefficient of variation (CV) aggregated over a 3-year period for each PQAO.

Bias – The systematic or persistent distortion of a measurement process that causes error in one direction. Bias will be determined by estimating the positive and negative deviation from the true value as a percentage of the true value. Bias is estimated using collocated instruments that are set up by a group independent of the monitoring organization. This independent program implementing the audits is called the Performance Evaluation Program (PEP). The measurement bias goal was ±10% aggregated over a 3-year period for each PQAO.

Comparability – A measure of confidence with which one data set can be compared to another. Comparability will not be addressed in this document, but it can be assessed using the bias information.

Representativeness – A measure of the degree to which data accurately and precisely represent a characteristic of a population, parameter variations at a sampling point, a process condition, or an environmental condition. Representativeness, which deals mainly with the population variability indicators (spatial and temporal variability), will not be addressed in this document.

Accuracy – This term has frequently been used to represent closeness to "truth" and includes a combination of precision and bias error components; the term has been used throughout the CFR. In this report, however, "accuracy" refers to errors in flow rate only.

The results of the assessments of the data quality indicators—completeness, precision, accuracy (flow rate), and bias—are discussed in Section 2.

Changes in CFR

In 2006, revisions were made to *40 CFR Part 58 Appendix A*. The changes took effect in calendar year 2007 (CY2007). Due to their impact on QA, these changes are listed in this report even though they are dated.

Use of the Term Primary Quality Assurance Organization

With the signing of the Ambient Air Monitoring Regulation by the Administrator on October 17, 2006, the term "Reporting Organization" was replaced with the term "Primary Quality Assurance Organization (PQAO)" in *40 CFR Part 58 Appendix A Section 3.1*. EPA believed that there had been some confusion over a number of years about how the term "reporting organization" was used. It appeared that some organizations used the term as it is currently defined, and some used it to identify themselves as the agency reporting data to AQS. Therefore, EPA believed that the term "reporting organization" had two applications. By adding the term PQAO, which focuses specifically on QA requirements and leaving the term "reporting organization" for other uses, EPA can now identify sites that are aggregated for data quality assessment purposes.

Changes in Collocation Requirement

The 2006 regulation (implemented in 2007) reduced the collocation frequency from 1-in-6 day to 1-in-12 day sampling. The precision completeness assessments take this reduced frequency into account.

Changes in PEP Implementation Requirement

The 2006 regulation (implemented in 2007) reduced the PEP audit requirements from 25% of the sites (4 audits per site) within a PQAO each year to 5 audits for PQAOs with 5 sites or fewer and 8 audits for PQAOs with more than 5 sites. The bias completeness assessments take this reduced frequency into account.

Change in Flow Rate Audit Requirements

The 2006 regulation (implemented in 2007) reduced the flow rate audit requirement from auditing each site 4 times a year (once per quarter) to twice a year (every 6 months). The flow rate completeness assessments take this reduced frequency into account.

2. Assessment of Data Quality Indicators

This section provides an assessment of the data quality indicators of completeness, precision, accuracy, and bias for the calendar years 2011, 2012, and 2013. All assessments were performed on data extracted from AQS between May and August of 2014 for sites reporting $PM_{2.5}$ data (pollutant code 88101) that were operating federal reference or federal equivalent methods.

Data Completeness

This section evaluates the completeness of routine $PM_{2.5}$ concentration data, quarterly flow rate audits, quality assurance data used for estimating precision, and quality assurance data used for estimating bias.

Routine $PM_{2.5}$ Data

Table 2-1 provides an estimate of 3-year routine data completeness for sites operating samplers designated as primary (indicating they are to be compared to the $PM_{2.5}$ NAAQS). Dates identified with NAAQS exclusions for a site are not counted. Attachment 1 provides a listing of completeness at the site level and Attachment 6 provides details about the data processing steps to calculate the values in Table 2-1 and Attachment 1. Compared to values reported for 2008-2010, there are approximately 50 more samplers reporting data in 2011-2013, 50 more samplers reporting data in all 3 years, and 20 more samplers with all quarters 75% complete. The percent completeness is basically the same at 71% compared to 73% for 2008-2010 as is data capture at 94% compared to 92% for 2008-2010.

Table 2-1. 2011-2013 Routine $PM_{2.5}$ Data Completeness Summary for Primary Samplers

Monitor Type	# Samplers Reporting Data 2011-2013	# Samplers Reporting Data All 3 Years	# Samplers with All Quarters 75% Complete	% Samplers Reporting Data All 12 Quarters and Meeting 75% Completeness in All 12 Quarters	Data Capture Rate of Sampler Reporting Data in All 3 Years
SLAMS	1037	750	536	71% (= 536 / 750)	94%
Tribal	14	9	1	11% (= 1 / 9)	86%
Total	1051	759	537	71% (= 537 / 759)	94%

Completeness was assessed by two methods: (1) as it relates to the strictest requirement in the Code of Federal Regulations for use in comparison to the NAAQS, and (2) by capture rate. Table 2-1 shows that during some part of the 3-year time period of 2011-2013, 1,051 primary sites reported data. However, within that 3-year period, nearly 300 samplers (1051-759=292) either started up after the first quarter of 2011, shut down before the fourth quarter of 2013, or did not operate for one or more quarters during 2011-2013. Of the 759 samplers that operated all 3 years, 537 or 71% met the CFR completeness criteria of maintaining 75% completeness in each quarter (12 quarters). Note that nonattainment decisions can be made with less information than the 75% completeness requirement. Information on completeness using these exceptions is not generated for this report but is described in design value reports.

A second method of estimating completeness is called “capture rate.” Average capture for a site is calculated starting from the first data point submitted to AQS and ending at either the end of

CY2013 or the sampling end date for that sampler. As an example, if a sampler started reporting data midway through a quarter, the completeness estimate would not be based on the number of values expected in the full quarter but only the number of values expected from the sampler start date to the end of the quarter (based on the site's identified sampling frequency). This completeness estimate is not related to the data requirements for comparison to the NAAQS; however, it can provide a more technical evaluation of data collection performance and can be used to show improvement over time. Attachment 1 provides capture rates for each sampler at quarterly, annual, and 3-year levels of aggregation. The national average capture rate was 94%, slightly higher than the average capture rate of 92% for 2008-2010. In general, the data seem to indicate that once a site was operating, it maintained an acceptable level of completeness for most quarters. However, the 71% completeness, relative to the CFR requirement, indicates that almost 30% of the primary $PM_{2.5}$ monitors do not meet the 75% completeness for 12 consecutive quarters (the 3-year period).

Flow Rate Audits

As of 2007, monitoring organizations are required to perform and submit flow rate accuracy audits on all their routine samplers twice a year, with 1 audit every 6 months. Attachments 4a and 4b present the flow rate completeness information for the 3 years of data collection at the site level. Attachment 4a is for any monitors designated as primary. Attachment 4b is for flow rate information from non-primary monitors. Table 2-2 summarizes across all primary monitors and presents 3-year estimates of flow rate completeness. Attachment 6 provides details about the data processing steps to calculate the values in Table 2-2 and Attachment 4a and 4b. Completeness is based on each sampler's start and end date.

Table 2-2. Flow Rate Completeness by Sampler and PQAO

Type	Total Number	Number < 75% Complete	Completeness
All Routine Samplers	1033	70	93%
PQAOs	97	14	86%

Flow rate audits are generally very complete. Only 7% of the primary samplers failed to meet the 75% completeness criteria for the period of operation (between start and end date) for 2011-2013, and 14 (14%) of the 97 PQAOs failed to meet the 75% completeness, 11 of which failed due to reporting no flow rate information to AQS. The 93% completeness estimate at the sampler level is similar to the 2008-2010 QA Report completeness of 88%. In fact, there appears to be a trend towards higher site-level completeness. The number of PQAOs meeting the 75% completeness declined from 94% in 2008-2010 to 86% in 2011-2013, likely due to 11 PQAOs not reporting flow rate data in 2011-2013. Excluding these 11 PQAOs from the count resulted in a PQAO completeness of 97%.

Collocated Precision

PQAOs are required to collocate 15% of the sites of each method designation used in their routine monitoring network and to collect a collocated precision sample every 12 days. For FRMs, a sampler of the same method is to be used for the collocated sampler. For FEMs, the first required collocation is with a FRM, the second required collocation is with an identical

FEM, the third with a FRM, fourth with like FEM, and so on to the number of required collocated samplers. Prior to calendar year 2007, the collocation frequency was one sample every 6 days. Since then, the collocation frequency is one sample every 12 days.

Table 2-3 provides the 3-year collocated precision completeness information by EPA Region for the number of sites collocated and the number of pairs collected in 2011-2013. Attachments 2 and 3 provide 3-year site precision information for each collocated site to show adherence to the sampling frequency requirement. Only those sites with the correct method for the collocation sampler are included. For example, if a FRM is collocated with a dissimilar FRM, those data are not included in Table 2-3 or Attachments 2 and 3 since such collocation do not adhere to the requirements stipulated in Appendix A.

Table 2-3. 2011-2013 $PM_{2.5}$ Collocated Precision Completeness Aggregated by EPA Region (excluding continuous methods)

Region	Number of Sites[1]	# of Required Collocated Sites[2]	# of Collocated Sites	Average % Completeness for # Sites in PQAOs in Region	Average % Completeness for # Pairs in PQAOs in Region
1	59	15	14	82%	97%
2	57	10	5	63%	48%
3	112	22	19	78%	93%
4	187	32	54	95%	93%
5	190	45	47	88%	88%
6	77	17	17	80%	84%
7	61	13	14	88%	100%
8	96	24	21	58%	63%
9	159	39	30	69%	79%
10	51	12	13	77%	74%
NPS	2	1	0	0%	0%
Total	**1051**	**230**	**234**	**78%[3]**	**83%[4]**

1= Total number of primary sites.
2= Derived by aggregating the number of sites required for each method in each PQAO.
3=Region percent complete is average of percent complete for PQAO in each region, having first averaged across methods within each PQAO.
4=Average percent complete for Total is average of percent complete for each PQAO, not average of Region percent complete.

The total number of collocated sites (234) indicates that a few more collocated sites were operated than required (230). This is mostly driven by Region 4, where 54 sites are collocated yet only 32 are required. On average, 78% of the required number of sites is being collocated and 83% of the required number of pairs is being collected.

From a national average perspective, the 75% completeness goal has been met. However, 17 PQAOs out of 91 fell short of the 75% completeness goal.

Performance Evaluation Program (PEP) and Routine Data Bias Pairs

The bias data completeness estimate is based on data collected from two different organizations, the Environmental Services Assistance Team (ESAT) contractors who collect the PEP data, and the monitoring organizations that collect the routine data. In addition, some PQAOs implement PEP outside the ESAT contract. Completeness based first upon PEP data completeness and then upon the completeness of the PEP/routine data bias pairs is discussed below. Figure 2.1 shows

the 2011-2013 PEP completeness estimates. A complementary 3-year QA report for the PEP will provide more detailed information on PEP data completeness.

PEP Data Completeness

Prior to 2007, the completeness goal of the PEP was to collect data from 25% of each method designation in a PQAO 4 times per year (once per quarter). In 2007, the audit frequency changed to 5 valid audits for PQAOs with 5 or fewer monitoring sites and 8 valid audits for PQAOs with more than 5 sites. As stated in CFR, a valid audit is one in which both the primary and PEP monitors' concentrations are valid and greater than 3 µg/m^3. Additionally, there are requirements on the distribution of audits within each PQAO. Specifically, (1) each method designation must have at least one audit per year and (2) each primary FRM and FEM sampler must have at least one audit every six years. These two additional requirements were not included in the determination of the number of required audits listed below. That is, only the size of the monitoring network (number of $PM_{2.5}$ sites) within each PQAO was used to determine the number of required audits per PQAO.

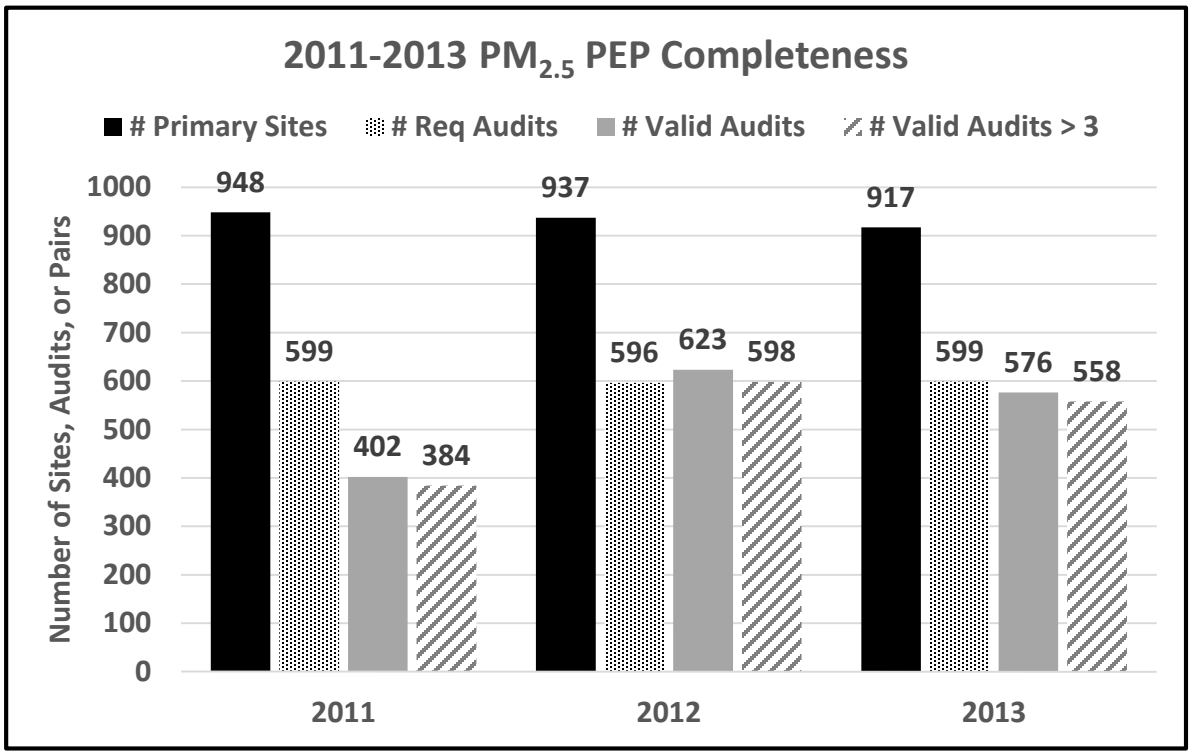


Figure 2.1. 2011-2013 PEP Completeness, National Assessment

Figure 2.1 presents the number of primary monitors, number of required audits, number of valid audits, and number of valid audits such that the PEP concentration is > 3 µg/m^3 for 2011, 2012, and 2013. A monitor is counted as primary if it is labeled in AQS as primary and does not have an NAAQS exclusion. Both FRMs and FEMs are counted. A monitor must both sample and be identified as primary for the monitor to be counted as a primary site. Sites discontinued or initiated during a year were counted, possibly causing an overestimate in the required number of audits for that particular PQAO.

In Figure 2.1, the second column for each year is the total number of audits that should have been performed. This is calculated as the sum of required audits by PQAO where PQAOs with 5 or fewer primary monitoring sites are required to have 5 audits, and PQAOs with more than 5 primary monitoring sites are required to have 8 audits, per year. The third column represents the number of validated PEP audits for each year and the fourth column is the number of valid PEP audits with PEP concentration > 3 μg/m^3.

Figure 2.1 shows that for 2012 and 2013, the PEP program produced approximately the required number of validated audits, more than 100% (=623/596) in 2012 and 93% (=576/599) in 2013. In 2011, though, only 67% (=402/599) of the required audits were valid. This was due to the PEP laboratory's relative humidity measuring device not functioning properly for several months. Without relative humidity measurements, it was not possible to validate these samples. To be used for bias comparisons, the samples need to be valid and greater than 3 μg/m^3. As shown in Figure 2-1, about 4% of the valid audits are not usable for bias calculations since they involve a PEP concentration of 3 μg/m^3 or less.

PEP/Primary Sample Completeness

For every PEP value, a corresponding valid value for a primary monitor is needed and both of these values need to be > 3 μg/m^3 in order to calculate bias. Table 2-4 shows how many valid PEP samples with concentration > 3 μg/m^3 had a matching primary value and how many of those pairs also had a primary concentration > 3 μg/m^3. About 5% of the PEP audits are lost in the pairing with primary samples and another 5% is lost due to the primary concentration being 3 μg/m^3 or less.

Table 2-4. $PM_{2.5}$ PEP and Routine Data Comparison

Year	# Req Valid Audits	Valid Audits (all conc)		Valid Audits with PEP > 3 μg/m^3		PEP/Primary Pairs with PEP > 3 μg/m^3		Pairs with PEP and Primary > 3 μg/m^3	
		#	%*	#	%*	#	%*	#	%*
2011	599	402	67%	384	64%	361	60%	341	57%
2012	596	623	105%	598	100%	557	93%	528	89%
2013	599	576	96%	558	93%	533	89%	508	85%
Total	**1,794**	**1,601**	**89%**	**1,540**	**86%**	**1,451**	**81%**	**1,377**	**77%**

% calculated as ratio to # Required Valid Audits.

Putting this all together, for 2012 and 2013, 85-90% of the required number of PEP/primary pairs was valid and had concentrations above 3 μg/m^3. For 2011, just 42% of the required pairs could be used for bias estimation. For 2012 and 2013, this loss of 10-15% is due to 3-4% of the audits having a PEP concentration too low, another 5% due to no primary value being available to pair (sample may have been invalidated for some reason), and a final 5% due to the paired primary concentration being too low.

Attachment 5 provides information at the PQAO level including number of primary sites, number of required valid audits, and number of valid pairs with both concentrations > 3 μg/m^3. Of the 91 PQAOs operating primary monitors, 40 (44%) have fewer than 75% of the required number of valid pairs.

Precision - Collocated Sampling

National Precision Estimates

The collocated precision results are estimated using collocated paired data such that both concentration values are greater than 3 μg/m^3. As per *CFR Appendix A*, for FRMs, pairs are retained only if both monitors are operating the same method, and for FEMs, pairs are retained only if an FEM primary monitor is collocated either with an FRM or an FEM of the same method. All percent differences were retained in all calculations, even large percent differences such as those greater than 50%. Data are included only for those dates that a monitor was identified as "primary" in AQS during 2011-2013.

Figure 2.2 provides national estimates of precision for each quarter for calendar years 2011, 2012, and 2013. One line is for primary FRMs paired with an FRM of the same method. A second line is for a primary FEM paired with any type of FRM. A third line is for a primary FEM that is paired with an FEM of the same method. The precision value denoted by each symbol represents the upper bound of the 90% confidence interval for the national estimate of precision for each quarter of each year, as per Equation 11 in *40 CFR Part 58 Appendix A*. Each quarterly precision estimate consists of pairs of collocated measurements from multiple sampling methods, and trends may therefore be due to changes in precision, changes in the mixture of sampling methods, or a combination of both. With that caveat, it is noted that precision for like-method FRMs may be trending upwards over the 12 quarters in 2011-2013 and that precision for FEMs, whether compared to FRMs or like-method FEMs, is markedly larger than that for FRMs. A second caveat is that the precision for FEMs with like-method FEMs is based on fewer than 10 sites, as shown in Attachment 2.

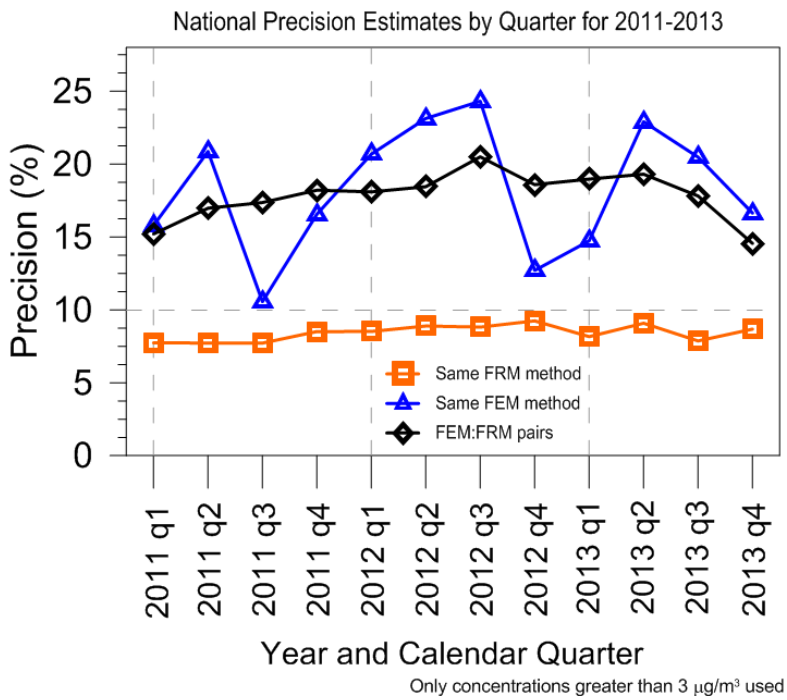


Figure 2.2. National 3-Year $PM_{2.5}$ Collocated Precision Estimates for 2011-2013.

For the 3-year time period of 2011-2013, quarterly precision estimates for FRMs with like-method FRMs are below the 10% DQO, although the estimates are trending close to the 10% line. Variability in collocated FRM $PM_{2.5}$ measurements appears to be relatively stable over time. Quarterly precision estimates for FEMs with FRMs are between 15% and 20%, well above the 10% DQO. Quarterly precision estimates for FEMs with like-method FEMs have large variation from a low of 10% to a high of nearly 25%. As mentioned above, the FEM-to-FEM comparison is based on data from fewer than 10 sites.

To understand if the trend in Figure 2.2 is due to changes in the mixture of sampling methods, quarterly precision estimates for 4 of the most common method designations are shown in Figure 2.3. Again, the symbol represents the upper bound of the 90% confidence interval. Figure 2.3 shows that the upward trend in the FRM line of Figure 2.2 is driven by the Andersen/Thermo Sequential samplers operating with WINS impactors. During 2013, this method showed a dramatic increase in its precision such that each quarter in 2013 has a precision estimate in excess of 10%. This method has shown increases and decreases in the past but never has been above 10% for 4 consecutive quarters. The trend in precision for the R&P sequential with either a WINS impactor or VSCC oscillates between 7% and 10%, consistent with the 2008-2010 report, albeit slightly elevated. The trend for the BAM precision (estimated by comparison to FRMs only as this dataset is much larger than BAM compared to BAM) is nearly identical to the FEM:FRM line shown in Figure 2.2, indicating that most of the collocation of FEMs with FRMs is for BAMs. The BAM line also shows that the precision for this instrument is higher than that for FRMs, varying between 15% and 20%.

Figure 2.4 provides 3-year precision estimates for all federal reference and federal equivalent methods that reported precision data in 2008-2010. For this figure, the center of the diamond is the national CV estimate, the lower whisker is the lower bound of the 90% confidence interval, and the upper whisker is the

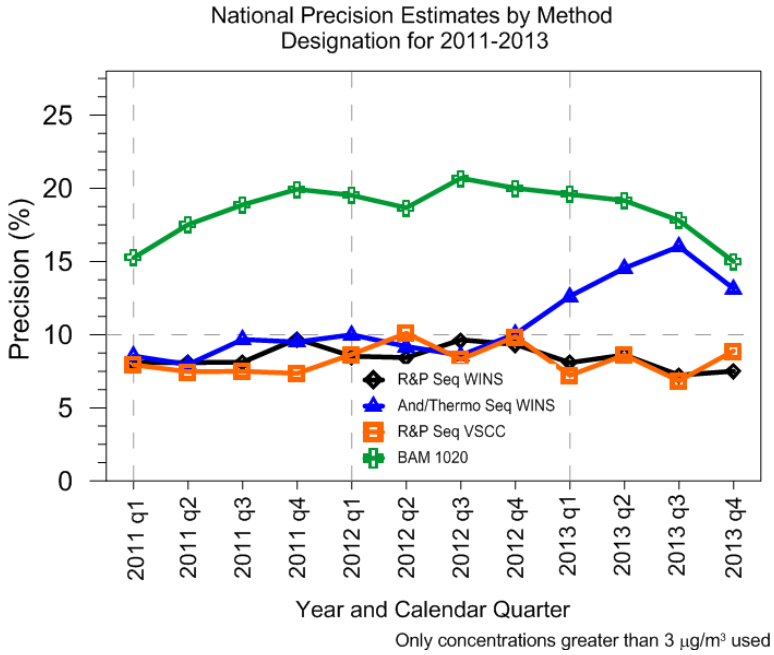


Figure 2.3. National 3-Year $PM_{2.5}$ Collocated Precision Estimates for 4 Most Common Method Designations in 2011-2013.

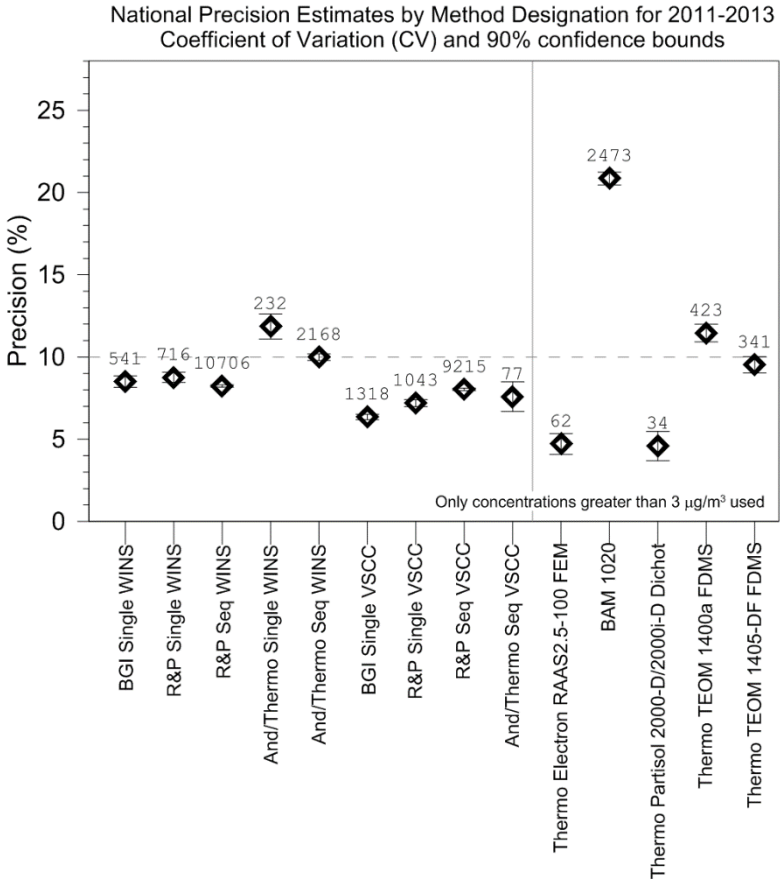


Figure 2.4. National 2011-2013 Precision Estimates and 90% Confidence Intervals by Method Designation

upper bound. Thus the upper whisker in this plot corresponds to the estimates graphed in Figures 2.2 and 2.3. (Note that the whiskers may not extend outside the diamond, which indicates that the confidence interval is narrower than the diameter of the diamond.) The numbers above the whiskers indicate the number of paired collocated values for each precision estimates. Estimates to the left of the vertical line are for FRMs and to the right are for FEMs. Precision estimates (the upper whisker) range between 5.3% and 21.2%. For FRMs, estimates are below the DQO of 10% except for the Andersen/Thermo single and sequential samplers with WINS. For FEMs, the BAM and TEOM 1400a have precision estimates greater than 10%. Another note from Figure 2.4 is that for FRMs, CVs are generally smaller for instruments operating with a VSCC than for those operating with a WINS impactor.

The estimates shown in Figure 2.4 combine all relative differences for each method into one CV. This may result in larger estimates of precision than aggregating site-level or PQAO-level precision estimates. This is due to the mean adjustment that is made in the CV. For example, suppose Site 1 has relative differences equal to 10% for all precision pairs. Then the CV for this site is 0%. Suppose Site 2 has relative differences equal to 20% for all precision pairs. Then the CV for this site is also 0%. Combining the relative differences together and estimating a CV for the combined set will result in a CV that is not 0%.

Of the 91 PQAOs, 49 (54%) have CVs less than the 10% DQO goal. Thus, nearly half of the PQAOs are not achieving the 10% DQO. This continues the trend of increasing estimates of CV and decreasing number of PQAOs achieving the 10% DQO shown in prior 3-year QA reports, as seen in Table 2.7. For example, for 2008-2010, 77% of the PQAOs achieved the 10% DQO. This large change is due in part to this being the first report to include FEMs in the summaries, and the FEM with the most numerous precision pairs (BAM) has a national precision estimate that exceeds 20%.

EPA Region / PQAO Precision

The DQO for precision is established using 3 years of data at the PQAO level. Attachment 2 presents 3-year precision estimates for each site within each PQAO and for each PQAO. Attachment 3 presents 3-year precision estimates for each PQAO in each EPA Region and for each EPA Region. In these attachments, the upper bound of the 90% confidence interval for CV is what is reported, as per Equation 11 of *40 CFR 58 Appendix A*.

The national precision estimate is 10.1 % CV and is based on over 29,387 collocated paired values in which both values are greater than or equal to 3 $\mu g/m^3$. In calculating this national precision estimate, only those paired values collected using method designations as specified in *CFR Appendix A* were included. That is FRMs must be paired with similar-method FRMs and FEMs must be paired either with an FRM or with a similar-method FEM. At the PQAO level, all paired values were used to maximize the size of the precision database at the PQAO level. Of the 91 PQAOs, 9 reported no precision data and 33 had precision CVs greater than the 10% DQO goal. Compared to the three previous QA reports, the data show an increase in the national CV estimate as well as an increase in the number of PQAOs not achieving the 10% DQO, as shown in Tables 2-6 and 2-7 later in this section. One possible reason for this increase is that this is the first 3-year report that includes precision data for FEMs and the most commonly used FEM has large CV values.

Accuracy – Flow Rate Audits

There are two acceptance criteria for flow rate: (1) the flow rate of the FRM must be within 4% of the flow rate measured by an independent transfer standard, and (2) the flow rate measured by the FRM instrument must be within 5% of the 16.67 L/min design flow rate as measured by an independent transfer standard. Because previous assessments demonstrated consistent acceptable results for flow rate audits, EPA reduced the assessments from 4 times per year to 2 times per year.

The accuracy data from the flow rate audits for 2011-2013 continue to indicate that the federal reference and equivalent method samplers are operating within the acceptance requirements. Figure 2.5 provides a 3-year summary of the instruments providing flow rate data to AQS. The vertical axis (% difference) is restricted to show from -20% to +20% to provide a better view of the values within the ± 5% design value acceptance criteria. This eliminates 8 flow rate audits. Of the 10,188 audits performed, 98% of the audits were within ± 4% of the audit standard, and 99% of the audits were within ± 5% of the 16.67 L/min design flow rate. The average percent difference in flow rate and the percentage of PQAOs meeting the acceptance criteria for flow rate are -0.13% and 100%, respectively, and both have been nearly constant for the past QA reports, as shown in Tables 2-6 and 2-7 later in this section.

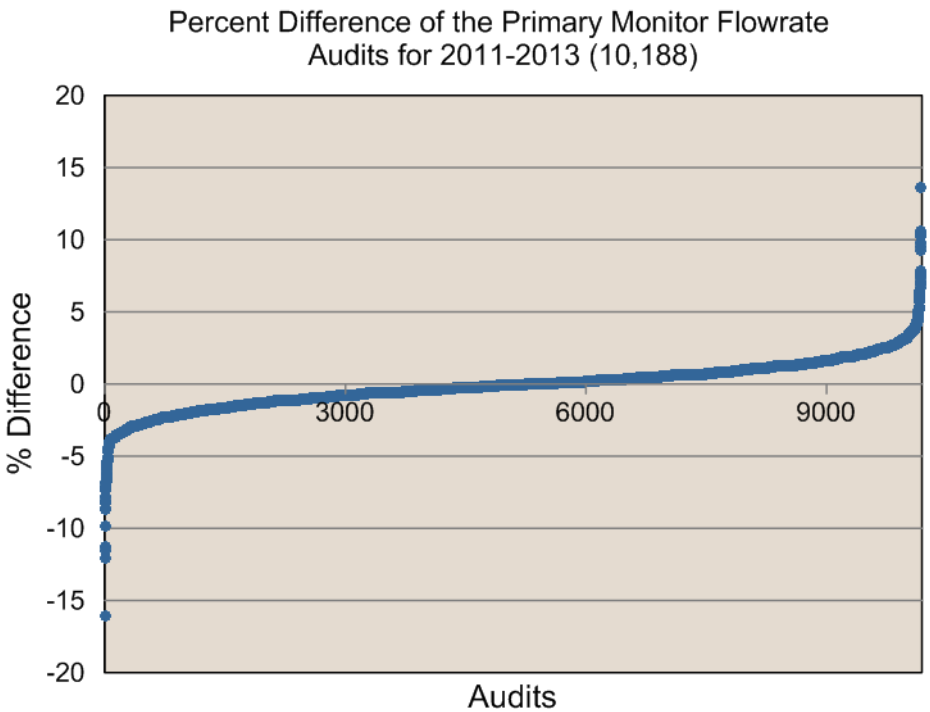


Figure 2.5. 3-Year Flow Rate Audit Data for 2011-2013.

Bias – Performance Evaluation Program and Primary Data

National Bias Estimates

The bias results are estimated using collocated paired data where one of the instruments is operated by a State, Local, or Tribal entity and the other is operated by the Performance Evaluation Program. Both concentrations must be greater than 3 $\mu g/m^3$ to be included in the following graphics. All percent differences were retained in all calculations, even large percent differences such as those greater than 50% or less than -50%. Data are included only for monitors identified as "primary" in AQS.

Figure 2.6 provides 3-year national bias estimates for calendar years 2011, 2012, and 2013, separately for FRMs and FEMs. The bias value denoted by each diamond represents the national mean bias estimate for each quarter of each year, as per Equation 12 in *40 CFR Part 58 Appendix A*. The values listed at each quarterly data point represent the number of bias pairs from which the bias estimates were derived. It is noted that each quarterly bias estimate consists of pairs from multiple sampling methods, and trends may therefore be due to changes in bias, changes in the mixture of sampling methods, or a combination of both.

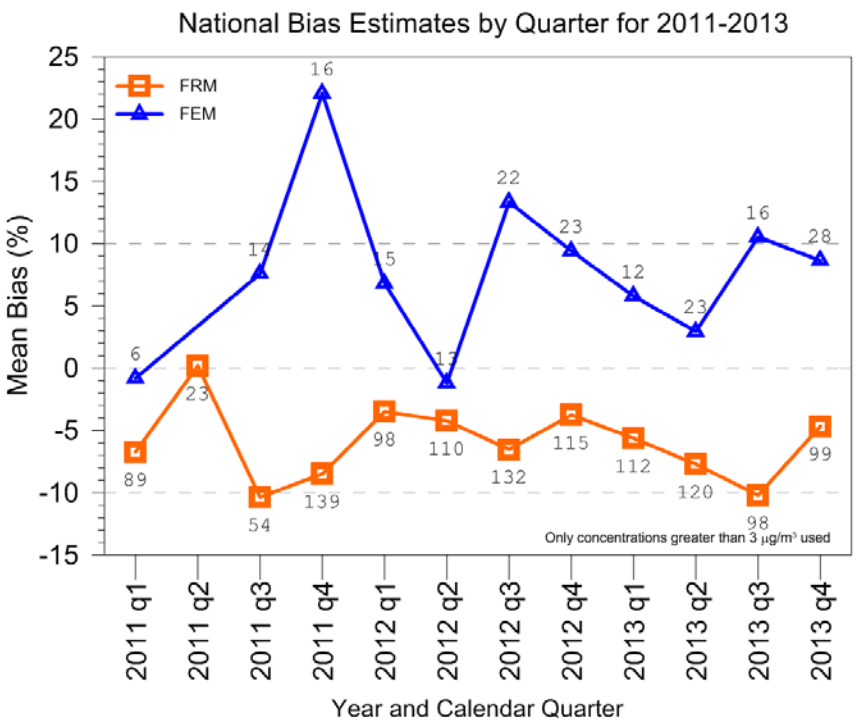


Figure 2.6. National 3-Year $PM_{2.5}$ Bias Estimates for 2011-2013

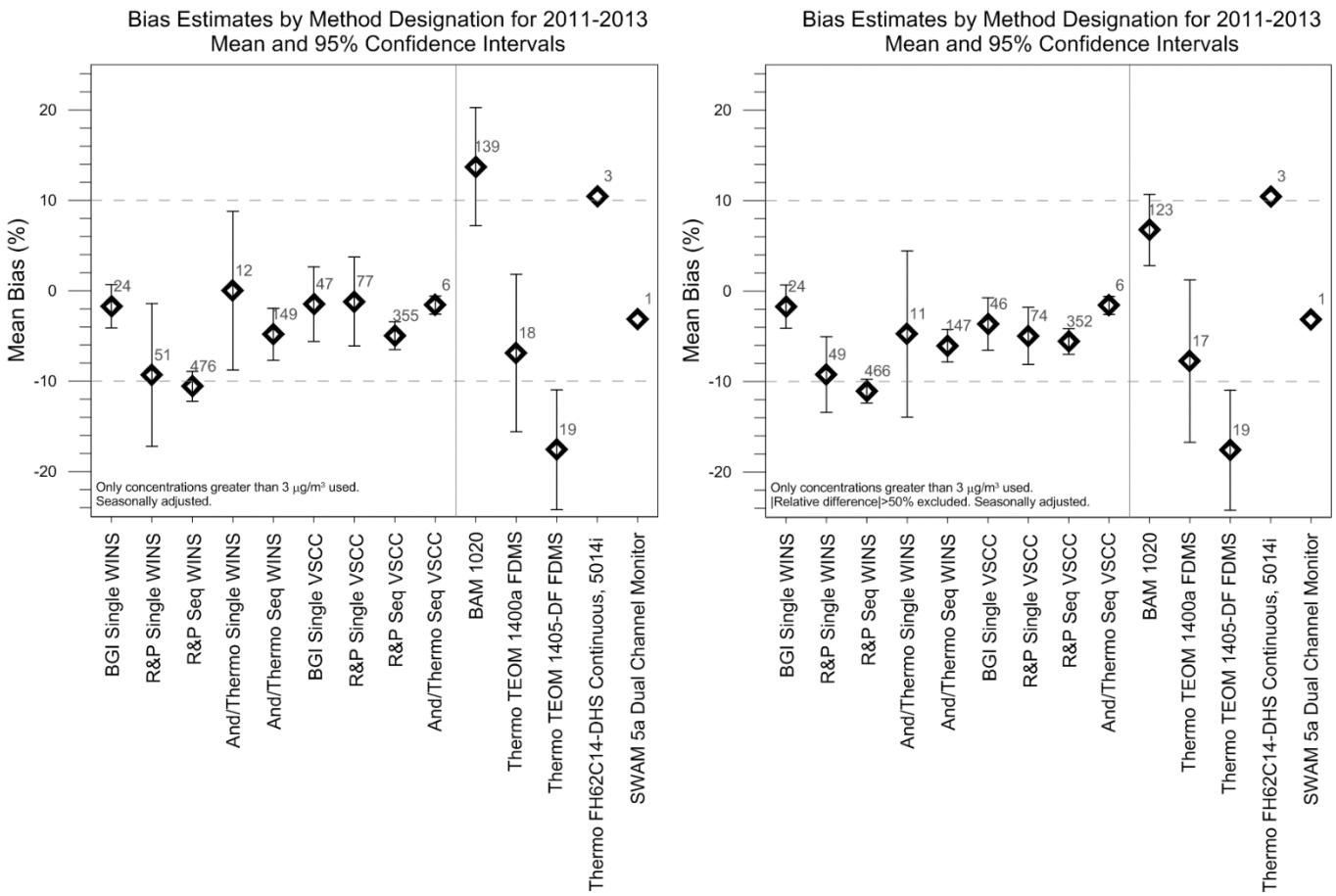
Figure 2.6 shows that quarterly national bias for FRMs is between -10% and 0% and that there are two quarters in which the national bias estimate is close to or at the DQO of -10%. The quarterly national bias estimate for FEMS ranges between 0% and almost 25%, although the sample sizes for the FEMs is small, usually less than 20 for a quarter.

For 2011-2013, the national estimate of bias for FRMs and FEMs combined is -4.3% and is based on approximately 1,377 paired values. Large biases, those greater than 50% or less than -50%, are influential in the national bias estimate. Exclusion of these extreme values reduces the data set by approximately 38 values (almost 3% of the database) and results in a national bias estimate of -6.0% for 2011-2013.

Figures 2.7a and 2.7b provide mean bias estimates and 95% confidence intervals for all federal reference and equivalent methods reporting bias data during 2011-2013, Figure 2.7a for all bias pairs with concentrations > 3 $\mu g/m^3$ and Figure 2.7b for all bias pairs with concentrations >3 $\mu g/m^3$ but excluding large biases (bias > 50% or bias < -50%). Estimates excluding large biases are included to show the impact to the national estimates of a few influential values. For both figures, the data have been seasonally adjusted since bias typically varies by season for each method, although that variability differs by method. Methods to the left of the vertical line are FRMs and methods to the right of the vertical line are FEMs.

Figures 2.7a and 2.7 b show that all FRM biases are negative and that they vary greatly by

method, from a low of -11% for R&P sequential samplers with a WINS to a bias of 0 for Andersen/Thermo single channel with a WINS. Bias for the methods with a VSCC is closer to 0 than bias for the same sampler operating with a WINS impactor. Most of the FEMs have small sample sizes, but for the BAM which has a large sample size, bias is estimated at 13.7%. As a reminder, the audit sampler used to estimate bias is an FRM, typically the BGI Single Channel with a WINS impactor. Another important conclusion from Figure 2.7a is that sample sizes are small for all but a few of the methods.



Figures 2.7a and 2.7b. National 2011-2013 Bias Estimates and 95% Confidence Intervals by Method Designation for all Pairs (left) and Excluding Pairs with Biases > 50% or < -50% (right).

Just 38 bias values are large (> 50% or < -50%) yet they greatly influence some of the bias estimates. For the BAM, there are 16 large values. Removing these values reduces the bias estimate from 13.7% to 6.8%. It also shortens the confidence interval by half. The R&P single channel with WINS has 2 large values. These do not impact the bias estimate but removal cuts the confidence in half.

The long-term trend in bias is shown in Figure 2.8 for the 4 most common methods. Quarterly bias estimates are provided from 1999 to 2013. The lines show a shift down starting in 2007 and ending approximately in 2010. Figure 2.8 also shows how the VSCC has biases closer to 0 than the WINS for the R&P sequential sampler. Recently, use of the BAM sampler has grown so quarterly bias estimates are provided for it. Bias for the BAM is positive and shows large

variation.

The cause for the trend towards more negative biases is not clear since the decrease has occurred across the country and for all seasons. It may be due partially to a decrease in the concentration levels of $PM_{2.5}$ and to a change in the composition of $PM_{2.5}$ to more volatile species.

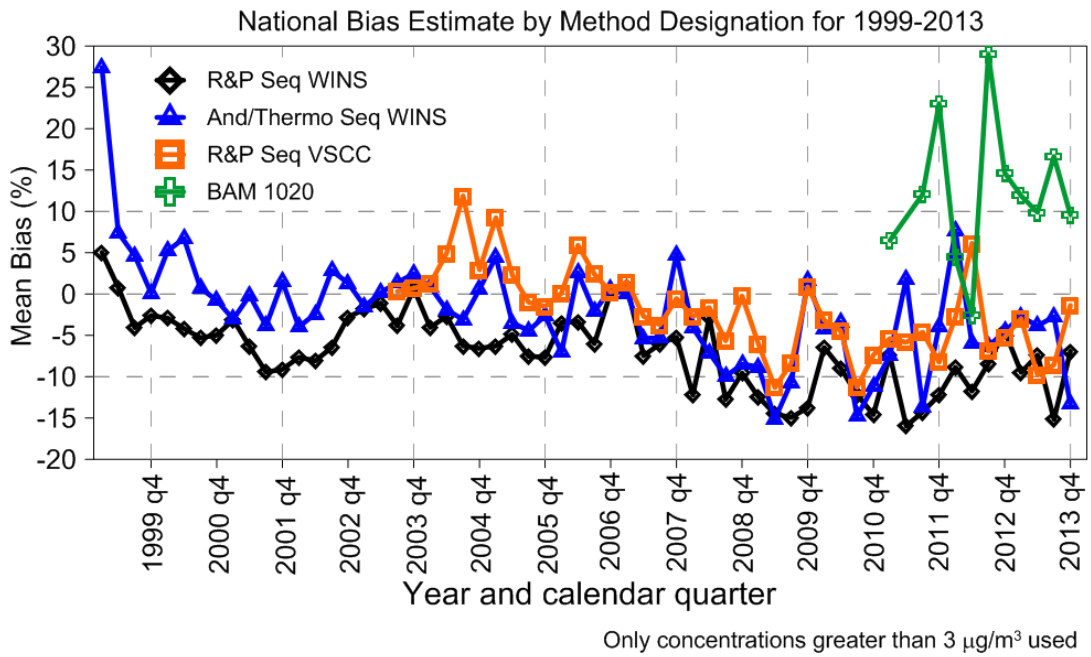


Figure 2.8. National Bias Estimate by Major Method Designation for 1999-2013.

State/PQAO Bias Estimates

As with the precision DQO, the bias DQO is established using three years of data aggregated at the PQAO level. Attachment 5 provides 3-year bias estimates for each PQAO. Of the 91 PQAOs, 7 had 0 valid bias pairs and 1 had 0 primary sites. Of the remaining 83 PQAOs, 11 had bias estimates that exceeded +10% and 26 had bias estimates ≤10%. Based on comparison to previous QA reports, the data show that bias continues to be negative, although possibly not as negative as for 2008-2010. However, the number of PQAOs achieving the ±10% bias DQO remains similar to that for 2008-2010 at 56%, as shown in Tables 2-6 and 2-7.

Conclusions

In order to provide a better temporal perspective of the $PM_{2.5}$ quality system, the following three tables compare completeness, data quality indicators, and percentage of PQAOs meeting DQOs for all 3-year QA reports (1999-2001, 2002-2004, 2005-2007, 2008-2010, and 2011-2013).

Data Completeness – Table 2-5 indicates that the percentage of sites meeting the routine data completeness improved over this first few years of the network and is now holding steady around 70%. The average capture rate has been stable at approximately 92%, ever since it was first calculated in the 2002-2004 report. Completeness for flow rate has steadily been increasing and is now greater than 90%. Completeness for precision and bias are meeting the 75% requirement

at the national level but both have seen declines over the past several years. In particular, completeness for bias slowly but consistently declined from 1999-2010 and is now holding at 79%, a value close to the 75% completeness goal.

Table 2-5. Data Completeness – 15-Year Summary

Data Type	Completeness 3-Year Average				
	1999-2001	2002-2004	2005-2007	2008-2010	2011-2013
Routine Data	28%	64%	68%	73%	71%
Average Capture Rate	Not calculated	92%	92%	92%	94%
Collocation Precision	67%	90%	91%	89%	83%
Flow Rate Accuracy	76%	83%	86%	88%	93%
Performance Evaluations	85%	83%	81%	79%	79%

Data Quality – Tables 2-6 and 2-7 provide assessments of the data from collocated precision, flow rate, and bias. Table 2-6 shows from a national perspective that flow rate accuracy has been consistent for all 3-year reports, precision has been increasing slowly, and bias was becoming more negative until 2011-2013. Table 2-7 presents the number of PQAOs meeting the acceptance criteria and shows that fewer PQAOs are meeting the precision and bias goals, as expected from the results presented in Table 2-6. Reasons for this could be attributed to:

- aging equipment and standards
- fewer data quality values, which allows a small number of high values to skew the precision and bias estimates

To date, it is unclear why bias declined so rapidly during 2007-2010, since all methods in all seasons similarly declined. Lower $PM_{2.5}$ concentrations and changes to $PM_{2.5}$ composition to more volatile components are two possible contributors to the change in bias.

EPA will continue to watch precision and bias results, especially for the PQAOs showing higher than expected estimates. EPA produces annual precision and bias reports, which are posted on Ambient Monitoring Technology Information Center (AMTIC).[3] The reports are generated from AQS using the AMP 256 report, which can be run frequently (e.g., quarterly) to track results. EPA will run these reports quarterly to track progress on the achievement of DQOs.

[3] http://www.epa.gov/ttn/amtic/qareport.html

Table 2-6. Precision, Accuracy, and Bias Estimates – 15-Year Summary

Data Type	Acceptance Criteria	3-Year Estimates				
		1999-2001	2002-2004	2005-2007	2008-2010	2011-2013
Collocation Precision	10%	7.2%	6.9%	7.6%	7.9%	10.1%
Flow Rate Accuracy	4%/5%	0.2%	0.15%	0.007%	-0.048%	-0.15%
Performance Evaluations	± 10%	-2.%	-2.1%	-3.0%	-8.9%	-4.3%

Table 2-7. Percentage of PQAOs Meeting Acceptance Criteria – 15-Year Summary

Data Type	Acceptance Criteria	% of PQAOs Meeting Criteria				
		1999-2001	2002-2004	2005-2007	2008-2010	2011-2013
Collocation Precision	10%	86%	89%	81%	77%	54%
Flow Rate Accuracy	4%/5%	99%	100%	100%	94%	100%
Performance Evaluations	± 10%	91%	84%	76%	57%	56%

Attachments 1a and 1b

2011-2013 $PM_{2.5}$ SLAMS and Tribal Data Completeness by Quarter, Year, and 3-Year Period

Notes

Estimates of quarterly completeness are based on the start date of the site. For example, if a sampler started on May 1 (31 days after the beginning of the second quarter), its completeness would be based on the remaining 61 days in that quarter.

The use of zeros ("0") in a quarter represent quarters when samplers were considered active in AQS. Quarters with neither a zero nor a value represent quarters where the samplers were not considered active.

A "Yes" in the field "all Q 75%" either at the annual level or 3-year level indicates that the sampler was at least 75% complete for the year (if at the annual level) or for the 3-year period (if at the 3-year level).

The source of information for this attachment is predominantly the AMP 430 report extracted from AQS on 6/4/2014.

Attachment 1a contains the completeness information for each site and Attachment 1b contains metadata information for each site.

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Attachment 1a: Completeness information for each site

			Sample Date Range 1*		Sample Date Range 2*			2011 Completeness							2012 Completeness							2013 Completeness							2011-2013	
State	Site	POC	Begin	End	Begin	End	Reg	Meth	Qtr 1 %	Qtr 2 %	Qtr 3 %	Qtr 4 %	All 4 Qtrs 75%	1-Yr %	Meth	Qtr 1 %	Qtr 2 %	Qtr 3 %	Qtr 4 %	All 4 Qtrs 75%	1-Yr %	Meth	Qtr 1 %	Qtr 2 %	Qtr 3 %	Qtr 4 %	All 4 Qtrs 75%	1-Yr %	All Qtrs 75%	3-Yr %
ALABAMA																														
	010030010	1	1/1/2000	12/31/2013			04	118	100	97	91	93	Y	95	118	100	100	97	100	Y	99	118	100	78	93	94	Y	91	Y	95
	010270001	1	1/1/1999	12/31/2013			04	118	100	100	97	93	Y	98	118	100	97	100	100	Y	99	118	93	97	100	97	Y	97	Y	98
	010331002	1	1/1/1999	12/31/2013			04	118	91	93	100	97	Y	95	118	100	100	97	100	Y	99	118	100	97	97	100	Y	98	Y	97
	010491003	1	1/1/1999	12/31/2013			04	118	94	77	97	87	Y	88	118	79	97	97	97	Y	92	118	97	100	100	100	Y	99	Y	93
	010550010	1	1/1/2000	12/31/2013			04	118	100	90	93	93	Y	94	118	85	100	100	100	Y	96	118	100	100	100	100	Y	100	Y	97
	010690003	1	1/7/2005	12/31/2013			04	118	94	97	97	97	Y	96	118	100	97	100	97	Y	98	118	100	100	93	100	Y	98	Y	97
	010730023	1	1/1/1999	12/31/2013			04	142	97	97	100	98	Y	98	116	98	100	100	100	Y	99	142	100	100	100	97	Y	99	Y	99
	010730023	2	1/1/1999	12/31/2013			04	142	100	93	93	93	Y	95	116	100	100	100	93	Y	98	142	93	100	100	100	Y	98	Y	97
	010730023	3	1/1/1999	12/31/2011	2/18/2013	12/31/2013	04															183	93	98	98	97	Y	97		97
	010731005	1	1/3/1999	12/31/2013			04	142	97	97	100	100	Y	98	116	100	97	100	100	Y	99	142	97	100	100	100	Y	99	Y	99
	010731005	2	1/3/1999	12/31/2013			04	142	100	100	93	93	Y	97	116	100	93	100	100	Y	98	142	93	100	100	100	Y	98	Y	98
	010731009	1	1/1/2000	12/31/2011			04	142	97	97	100	100	Y	98																98
	010731009	2	1/1/2000	12/31/2011			04	142	100	93	80	100	Y	93																93
	010731010	1	1/1/2004	12/31/2013			04	142	100	100	100	100	Y	100	116	100	100	100	100	Y	100	142	100	93	100	100	Y	98	Y	99
	010731010	2	1/1/2004	12/31/2013			04	142	100	100	93	100	Y	98	116	93	100	100	100	Y	98	142	73	87	100	100		90		95
	010732003	1	1/1/1999	12/31/2013			04	142	97	97	99	98	Y	98	116	100	97	100	100	Y	99	142	100	100	97	100	Y	99	Y	99
	010732003	2	1/1/1999	12/31/2013			04	142	100	93	100	100	Y	98	116	93	100	100	100	Y	98	142	100	100	100	100	Y	100	Y	99
	010732006	1	1/3/1999	12/31/2011			04	142	100	100	94	100	Y	99																99
	010732006	2	1/3/1999	12/31/2011			04	142	100	100	69	100		92																92
	010735002	1	1/3/1999	12/31/2011			04	142	100	100	100	97	Y	99																99
	010735002	2	1/3/1999	12/31/2011			04	142	93	93	100	100	Y	97																97
	010735003	1	1/1/2000	12/31/2011			04	142	100	100	100	97	Y	99																99
	010735003	2	1/1/2000	12/31/2011			04	142	100	100	94	87	Y	95																95
	010736004	1	7/1/2013	12/31/2013			04															142			100	100		100		100
	010890014	1	1/1/1999	12/31/2013			04	145	97	90	100	100	Y	97	145	100	100	94	100	Y	98	145	97	100	100	97	Y	99	Y	98
	010970003	1	7/19/2002	12/31/2013			04	118	96	100	97	100	Y	98	118	90	83	78	100	Y	88	118	100	97	87	100	Y	96	Y	94
	010972005	1	1/1/1999	12/31/2011			04	118	56	100	97	97		87																87
	011011002	1	1/16/2009	12/31/2013			04	118	97	100	100	97	Y	98	118	100	100	80	83	Y	91	118	97	97	100	97	Y	98	Y	96
	011011002	2	1/16/2009	12/31/2013			04	118	100	40	100	87		82	118	100	100	87	80	Y	92	118	100	93	53	87		83		86
	011030011	1	8/7/2001	12/31/2013			04	118	100	97	97	100	Y	98	118	97	100	100	100	Y	99	118	100	100	100	100	Y	100	Y	99
	011130001	1	1/1/1999	12/31/2013			04	118	100	97	100	93	Y	98	118	100	100	93	100	Y	98	118	100	100	100	100	Y	100	Y	99
	011130001	2	5/17/2004	12/31/2013			04	118	100	97	100	100	Y	99	118	100	100	93	100	Y	98	118	100	100	87	100	Y	97	Y	98
	011170006	1	1/1/1999	12/31/2013			04	118	100	100	100	100	Y	100	118	97	100	91	87	Y	94	118	93	100	100	97	Y	98	Y	97
	011210002	1	1/1/1999	12/31/2013			04	118	82	100	87	97	Y	91	118	91	93	97	100	Y	95	118	100	97	77	100	Y	93	Y	93
	011250004	1	10/1/2002	12/31/2013			04	118	97	100	81	97	Y	94	118	100	100	97	87	Y	96	118	97	100	97	84	Y	94	Y	95
	011270002	1	1/1/1999	12/1/2011			04	118	100	87	100	67		88																88
ALASKA																														
	020200018	1	11/10/1998	6/30/2011			10	117	87	87				87																87
	020200018	3	1/1/2009	12/31/2013			10	170	92	100	94	95	Y	95	170	100	84	95	99	Y	95	170	91	97	95	97	Y	95	Y	95
	020200052	3	1/1/2009	12/31/2012			10	170	94	100	93	93	Y	95	170	97	100	94	99	Y	98									97
	020201004	3	1/1/2009	12/31/2013			10	170	95	98	95	90	Y	94	170	87	81	94	100	Y	91	170	94	91	98	98	Y	95	Y	93
	020900010	1	10/23/1998	12/31/2013			10	117	100	100	100	100	Y	100	117	100	93	93	97	Y	96	117	87	100	100	81	Y	92	Y	96
	020900010	2	10/23/1998	4/30/2013			10	117	100	100	100	100	Y	100	117	67	67	100	100		83	117	100	100				100		94
	020900033	1	12/20/2008	3/31/2013			10	117	0	100	33	0		33	117	47	97	97	100		85	117	97					97		72
	020900034	1	11/4/2009	12/31/2013			10	117	91	93	97	90	Y	93	117	100	100	100	97	Y	99	117	93	97	100	74		91		94
	020900034	2	5/8/2013	12/31/2013			10															117		100	100	74		90		90
	020900035	1	3/1/2012	3/31/2013	10/1/2013	12/31/2013	10								117	100	100	94	87	Y	94	117	88			74		81		88
	021100004	1	10/1/2003	3/31/2011			10	117	100					100																100
	021100004	3	8/21/2009	12/31/2013			10	170	99	95	94	100	Y	97	170	99	100	96	99	Y	99	170	96	100	90	96	Y	95	Y	97
	021220008	3	10/20/2011	7/2/2013			10	170				86		86	170	99	81	98	99	Y	94	170	93	98	73			93		91
	021700008	1	10/1/2004	12/31/2013			10	117	93	90	70	100		88	117	93	87	81	93	Y	89	117	93	100	87	76	Y	89		89
	021700008	3	8/11/2011	12/31/2013			10	170			80	94		88	170	85	82	86	92	Y	86	170	91	91	99	92	Y	93		89
	021700012	1	10/5/2012	12/31/2013			10								117				87		87	117	93	93	93	70		88		88
	021700012	3	1/1/2010	12/31/2013			10	170	92	97	100	98	Y	97	170	98	99	87	99	Y	96	170	98	97	94	99	Y	97	Y	97
	021700013	1	1/1/2011	10/4/2012			10	117	93	100	80	100	Y	93	117	80	93	100	0		82									88
	021700013	3	1/1/2011	12/31/2013			10	170	56	98	95	99		87	170	100	96	99	98	Y	98	170	97	99	92	90	Y	95		93
ARIZONA																														
	040011235	1	11/1/1986	12/31/2013			09	117	93	93	20	0		52	117	87	87	93	53		80									66
	040011235	2	11/1/1986	12/31/2013			09	117	80	60	20	0		40	117	100	93	87	53		83									62

			Sample Date Range 1*		Sample Date Range 2*			2011 Completeness							2012 Completeness							2013 Completeness							2011-2013	
State	Site	POC	Begin	End	Begin	End	Reg	Meth	Qtr 1 %	Qtr 2 %	Qtr 3 %	Qtr 4 %	All 4 Qtrs 75%	1-Yr %	Meth	Qtr 1 %	Qtr 2 %	Qtr 3 %	Qtr 4 %	All 4 Qtrs 75%	1-Yr %	Meth	Qtr 1 %	Qtr 2 %	Qtr 3 %	Qtr 4 %	All 4 Qtrs 75%	1-Yr %	All Qtrs 75%	3-Yr %
	040031005	1	1/12/1999	6/30/2013			09	143	100	100	100	100	Y	100	143	100	100	100	100	Y	100	143	93	100				97		99
	040031005	3	7/1/2013	12/31/2013			09															170			85	98		91		91
	040051008	1	1/6/1999	12/31/2013			09	143	100	100	93	100	Y	98	143	100	100	100	93	Y	98	143	93	100	100	100	Y	98	Y	98
	040130019	1	6/13/2000	12/31/2013			09	145	100	97	94	100	Y	98	145	100	93	100	100	Y	98	145	93	97	90	100	Y	95	Y	97
	040130019	2	1/1/2004	12/31/2013			09	145	89	100	89	100	Y	95	145	100	100	67	83		88	145	22	72	83	100		70		84
	040130019	3	5/1/2010	12/31/2013			09	170	95	91	95	92	Y	93	170	97	96	65	0		65	181	68	99	98	94		90		83
	040131003	1	4/28/2005	1/31/2012			09	145	100	100	94	100	Y	99	145	82					82									91
	040131003	3	11/1/2012	12/31/2013			09								182				99		99	182	99	98	98	97	Y	98		99
	040131004	3	9/1/2011	12/31/2013			09	170			99	99		99	170	99	93	98	99	Y	97	170	98	99	98	97	Y	98		98
	040132001	3	6/1/2011	12/31/2013			09	181		99	98	92		96	181	99	99	98	98	Y	98	181	99	99	99	99	Y	99		98
	040134003	1	1/1/2005	7/1/2012			09	145	100	97	94	97	Y	97	145	97	93	0			82									90
	040134003	3	5/1/2010	12/31/2013			09	182	99	95	96	94	Y	96	182	99	99	89	99	Y	96	182	98	99	93	95	Y	96	Y	96
	040134005	3	3/1/2012	12/31/2013			09								182	99	98	93	99	Y	97	182	99	99	97	98	Y	98		98
	040134009	7	5/2/2010	12/31/2013			09	145	100	56	0	0		39																39
	040134009	8	5/2/2010	12/31/2013			09	177	100	39	0	0		35																35
	040134009	9	5/2/2010	12/31/2013			09	177	78	44	0	0		31																31
	040137020	1	5/14/2004	12/31/2013			09	117	87	100	94	100	Y	95	117	67	73	89	93		81	117	100	100	100	100	Y	100		92
	040137020	2	5/14/2004	12/31/2013			09	117	100	100	100	100	Y	100	117	67	80	100	100		87	117	100	100	40	100		85		91
	040139812	3	5/1/2010	12/31/2013			09	181	99	88	99	97	Y	96	181	98	99	98	99	Y	99	181	100	98	94	99	Y	98	Y	98
	040139997	1	1/1/1999	12/31/2013			09	143	97	100	100	100	Y	99	143	96	100	100	100	Y	99	143	100	100	100	97	Y	99	Y	99
	040139997	2	4/8/2009	6/30/2011			09	145	62	57				59																59
	040139997	3	1/1/2011	12/31/2013			09	170	99	98	99	99	Y	99	170	99	98	99	99	Y	99	170	73	99	95	96		91		96
	040151000	1	5/1/2000	12/31/2013			09	119	0	0	0	67		17	119	93	80	0	87		65	119	87	67	0	93		62		48
	040190011	1	1/1/1999	12/31/2013			09	118	100	97	94	100	Y	98	118	100	97	100	100	Y	99	118	100	100	100	100	Y	100	Y	99
	040191028	1	1/1/1999	12/31/2013			09	118	100	90	93	97	Y	95	118	100	100	97	100	Y	99	118	100	97	100	100	Y	99	Y	98
	040191028	3	1/23/2011	12/31/2013			09	170	99	99	99	99	Y	99	170	99	98	94	99	Y	98	170	99	98	99	95	Y	98	Y	98
	040210001	1	1/1/1999	12/31/2013			09	143	100	100	94	100	Y	99	143	100	100	100	100	Y	100	143	100	100	100	100	Y	100	Y	100
	040210001	2	1/1/2009	12/31/2013			09	143	100	100	100	100	Y	100	143	100	100	100	100	Y	100	143	100	93	100	100	Y	98	Y	99
	040213002	1	1/1/1999	12/31/2013			09	145	100	100	100	100	Y	100	145	93	100	97	90	Y	95	145	90	93	87	100	Y	93	Y	96
	040213013	1	8/14/2005	12/31/2013			09	143	93	93	94	100	Y	95	143	100	100	100	100	Y	100	143	93	100	100	94	Y	97	Y	97
	040213013	2	1/1/2012	12/31/2013			09								143	48	47	45	47		47	143	46	45	50	48		47		47
	040230004	1	1/6/1999	12/31/2013			09	143	87	100	93	100	Y	95	143	100	100	100	80	Y	95	143	100	87	100	93	Y	95	Y	95
	040230004	2	1/6/1999	12/31/2013			09	143	100	100	68	100		92	143	100	93	88	60		85	143	100	80	80	100	Y	90		89
	040230004	3	4/1/2013	12/31/2013			09															170		100	58	99		85		85
	040252002	1	1/1/2008	12/31/2013			09	143	80	100	93	93	Y	92	143	93	100	100	93	Y	97	143	100	80	100	100	Y	95	Y	95
	040278011	1	1/1/2010	6/30/2013			09	143	87	100	100	93	Y	95	143	93	93	81	100	Y	92	143	100	100				100		96
	040278011	3	7/1/2013	12/31/2013			09															170			79	100		89		89
ARKANSAS																														
	050010011	1	8/10/2001	12/31/2013			06	143	100	93	90	83	Y	92	143	100	100	97	93	Y	98	143	93	94	97	97	Y	95	Y	95
	050010011	2	8/10/2001	12/31/2012			06	143	93	87	68	67		79	143	100	100	80	80	Y	90									85
	050030005	1	5/7/2001	12/31/2013			06	143	94	97	100	100	Y	98	143	96	97	97	100	Y	98	143	93	100	97	91	Y	95	Y	97
	050350005	1	1/1/2005	12/31/2013			06	143	96	93	87	100	Y	94	143	100	100	100	100	Y	100	143	97	100	93	100	Y	98	Y	97
	050450002	1	4/28/2000	6/30/2012			06	143	97	93	88	100	Y	95	143	100	97				98									97
	050450002	2	4/28/2000	6/30/2012			06	143	87	93	71	87		84	143	100	93				97									91
	050510003	1	2/5/2003	12/31/2013			06	143	100	100	100	100	Y	100	143	100	100	100	100	Y	100	143	100	97	100	94	Y	98	Y	99
	050510003	2	7/1/2012	12/31/2013			06								143			100	87		93	143	93	93	87	100	Y	93		93
	050670001	1	1/1/2006	12/31/2013			06	143	100	97	93	97	Y	97	143	100	93	90	93	Y	94	143	97	90	93	94	Y	94	Y	95
	051070001	1	4/5/1999	6/30/2012			06	143	100	100	97	97	Y	98	143	97	97				97									98
	051130002	1	3/30/1999	12/31/2013			06	143	93	100	100	100	Y	98	143	96	100	93	97	Y	97	143	78	100	100	97	Y	94	Y	96
	051150003	1	2/26/1999	6/30/2012			06	143	100	100	97	97	Y	98	143	100	87				93									96
	051190007	1	1/22/1999	12/31/2013			06	145	99	98	100	99	Y	99	145	97	99	99	98	Y	98	145	95	95	99	97	Y	96	Y	98
	051190007	2	1/22/1999	12/31/2013			06	145	87	80	100	100	Y	92	145	87	100	100	93	Y	95	145	93	93	93	94	Y	94	Y	94
	051191004	1	9/8/2000	12/31/2013			06	143	96	100	93	100	Y	97	143	100	100	100	97	Y	99	143	100	93	97	100	Y	98	Y	98
	051191008	1	4/2/1999	12/31/2013			06	145	93	100	97	100	Y	98	145	94	93	97	100	Y	96	145	94	94	87	100	Y	94	Y	96
	051310008	1	4/1/1999	3/1/2011			06	143	60					60																60
	051310008	2	4/1/1999	3/1/2011			06	143	60					60																60
	051390006	1	7/1/2002	12/31/2013			06	143	94	100	94	97	Y	96	143	91	97	90	97	Y	94	143	97	100	97	100	Y	98	Y	96
	051430005	1	1/1/2008	12/31/2013			06	143	89	90	97	93	Y	92	143	84	90	81	93	Y	87	143	93	93	100	100	Y	97	Y	92
	051450001	1	4/1/2000	12/30/2011			06	143	100	100	97	87	Y	96																96
CALIFORNIA																														
	060010007	1	12/1/1999	2/28/2011			09	145	99					99																99

			Sample Date Range 1*		Sample Date Range 2*			2011 Completeness							2012 Completeness							2013 Completeness							2011-2013	
State	Site	POC	Begin	End	Begin	End	Reg	Meth	Qtr 1 %	Qtr 2 %	Qtr 3 %	Qtr 4 %	All 4 Qtrs 75%	1-Yr %	Meth	Qtr 1 %	Qtr 2 %	Qtr 3 %	Qtr 4 %	All 4 Qtrs 75%	1-Yr %	Meth	Qtr 1 %	Qtr 2 %	Qtr 3 %	Qtr 4 %	All 4 Qtrs 75%	1-Yr %	All Qtrs 75%	3-Yr %
	060010007	3	1/1/2011	12/31/2013			09	170	99	96	100	100	Y	99	170	100	95	99	98	Y	98	170	98	96	84	99	Y	94	Y	97
	060010009	3	10/1/2009	12/31/2013			09	170	100	99	100	99	Y	100	170	99	95	100	99	Y	98	170	100	96	99	99	Y	98	Y	99
	060010011	3	12/18/2012	12/31/2013			09								170				96		96	170	91	91	97	95	Y	94		95
	060070002	1	12/19/1998	7/2/2012			09	117	100	100	100	93	Y	98	117	100	100	100			100									99
	060070008	1	4/27/2012	12/31/2013			09								117		100	93	90		94	118	81	85	94	92	Y	88		91
	060090001	3	6/15/2010	12/31/2013			09	170	99	89	98	100	Y	96	170	95	99	99	99	Y	98	170	99	92	63	98		88		94
	060110007	1	4/8/2011	12/31/2013			09	170		93	94	91		93	170	87	80	97	100	Y	91	170	74	95	100	99		92		92
	060111002	1	12/16/1998	12/31/2013			09	118	73	73	93	100		85	118	100	87	76	93	Y	89	118	100	93	80	81	Y	89		88
	060130002	1	1/8/1999	12/31/2012			09	145	85	100	100	90	Y	94	145	97	97	100	94	Y	97									96
	060130002	2	1/1/2000	12/31/2012			09	145	93	100	100	93	Y	97	145	100	100	100	100	Y	100									99
	060130002	3	1/1/2013	12/31/2013			09															170	99	99	96	96	Y	97		97
	060131004	3	12/10/2012	12/31/2013			09								170				90		90	170	100	98	96	99	Y	98		94
	060190008	1	1/3/1999	1/31/2012			09	118	99	87	97	89	Y	93	118	97					97									95
	060190008	2	1/6/1999	1/31/2012			09	118	100	93	93	100	Y	97	117	100					100									99
	060190008	3	10/1/2011	2/1/2012			09	170				88		88	170	29					29									59
	060190011	1	1/1/2012	12/31/2013			09								118	88	95	100	94	Y	94	118	99	87	94	89	Y	92		93
	060190011	2	1/25/2012	12/31/2013			09								118	100	100	100	100	Y	100	118	100	93	100	100	Y	98		99
	060190011	3	1/1/2012	12/31/2013			09								170	72	96	63	92		81	170	99	98	95	17		77		79
	060190011	4	1/1/2012	12/31/2013			09															170	0	0	0	86		22		22
	060192009	3	10/30/2009	12/31/2013			09	170	97	98	96	95	Y	97	170	99	99	95	98	Y	98	170	93	89	95	94	Y	93	Y	96
	060195001	1	9/6/2012	12/31/2013			09								118			0	83		63	118	77	93	47	100		79		71
	060195001	3	11/25/2008	12/31/2013			09	170	99	95	99	98	Y	98	170	99	93	99	98	Y	97	170	95	98	91	86	Y	93	Y	96
	060195025	1	1/1/2000	12/31/2013			09	120	86	100	100	77	Y	91	118	68	100	81	97		86	118	78	100	70	90		85		87
	060231002	1	1/1/1999	12/31/2013			09	117	97	100	82	63		86	117	83	73	100	90		87	117	93	100	100	93	Y	97		90
	060231004	1	12/25/2006	3/15/2013			09	117	97	100	93	63		88	117	83	87	100	90	Y	90	117	90					90		89
	060231005	1	6/23/2011	12/31/2013			09	195		95	89	100		94	195	99	93	99	96	Y	97	195	100	100	99	0		75		89
	060231005	2	3/20/2013	12/31/2013			09															117	0	100	100	93		88		88
	060250005	1	1/1/1999	12/31/2013			09	145	89	90	52	90		80	145	82	83	40	100		76	145	90	93	100	100	Y	96		84
	060250005	2	1/1/1999	12/31/2013			09	145	100	87	88	93	Y	92	145	93	100	94	100	Y	97	145	60	100	100	100		90		93
	060250007	1	12/15/2003	12/31/2013			09	118	80	97	93	100	Y	93	118	94	97	93	100	Y	96	118	100	100	100	100	Y	100	Y	96
	060251003	1	1/1/1999	12/31/2013			09	118	94	100	97	100	Y	98	118	94	97	90	100	Y	95	118	100	100	100	100	Y	100	Y	98
	060271003	1	9/1/1998	12/31/2013			09	145	96	90	88	90	Y	91	145	79	87	77	70		78	145	100	100	83	84	Y	92		87
	060271003	2	1/1/1999	12/31/2013			09	145	100	83	100	72		89	145	72	100	89	56		79	145	100	100	33	0		58		75
	060271003	3	9/10/2009	12/31/2013			09	181	99	99	98	99	Y	99	181	99	97	14	100		78	181	93	97	98	99	Y	97		91
	060290011	1	1/1/1999	7/11/2012			09	118	47	40	52	43		46	118	43	47	0			38									42
	060290011	3	4/1/2011	12/31/2013			09	170		99	99	97		98	170	97	93	92	98	Y	95	170	99	100	68	95		90		94
	060290014	1	1/1/1999	12/31/2013			09	118	83	69	73	77		76	118	85	95	98	96	Y	93	118	90	87	80	86	Y	86		85
	060290014	2	1/1/1999	12/31/2013			09	118	93	67	27	20		52	118	93	93	93	93	Y	93	118	87	87	73	89		84		76
	060290015	1	6/1/1999	12/31/2013			09	118	50	47	23	33		38	118	32	40	52	50		43	118	40	45	47	45		44		42
	060290016	1	2/18/2000	12/31/2013			09	118	93	90	90	100	Y	93	118	96	100	100	97	Y	98	118	100	100	90	84	Y	93	Y	95
	060310004	1	10/3/2012	12/31/2013			09								118				93		93	118	89	93	100	87	Y	92		93
	060310004	3	12/16/2008	12/31/2011			09	170	98	43	0	0		35																35
	060311004	3	1/1/2010	12/31/2013			09	170	90	96	98	99	Y	96	170	95	100	95	100	Y	97	170	94	100	100	99	Y	98	Y	97
	060333001	1	1/1/1999	12/31/2013			09	117	100	100	100	100	Y	100	117	100	93	100	100	Y	98	117	100	87	100	100	Y	97	Y	98
	060370002	1	1/1/1999	12/31/2013			09	120	97	100	100	97	Y	98	120	97	93	100	97	Y	97	120	97	100	97	100	Y	98	Y	98
	060371002	1	1/1/1999	12/31/2013			09	120	92	77	97	86	Y	88	120	100	99	98	91	Y	97	120	90	91	99	99	Y	95	Y	93
	060371002	3	1/1/2008	12/31/2013			09	170	100	87	95	98	Y	95	170	99	94	99	100	Y	98	170	99	93	96	100	Y	97	Y	97
	060371103	1	1/1/1999	12/31/2013			09	120	82	91	95	87	Y	89	120	98	96	82	95	Y	93	120	91	100	89	97	Y	94	Y	92
	060371103	2	1/1/1999	12/31/2013			09	120	87	87	93	100	Y	92	120	93	87	94	100	Y	94	120	100	100	80	100	Y	95	Y	94
	060371103	3	1/1/2008	9/30/2011			09	170	99	0	33			44																44
	060371103	9	10/1/2011	12/31/2013			09	170				91		91	170	93	83	95	96	Y	92	170	100	94	98	100	Y	98		94
	060371201	1	1/1/1999	12/31/2013			09	120	94	100	100	93	Y	97	120	97	100	83	80	Y	90	120	100	97	90	100	Y	97	Y	95
	060371302	1	11/2/2008	12/31/2013			09	120	84	93	97	90	Y	91	120	97	87	100	93	Y	94	120	96	94	87	97	Y	93	Y	93
	060371602	1	10/1/2005	12/31/2013			09	120	97	97	90	93	Y	94	120	93	97	100	100	Y	98	120	96	100	90	87	Y	93	Y	95
	060372005	1	1/1/1999	11/14/2012	6/6/2013	12/31/2013	09	120	44	97	100	77		79	120	97	100	70	90		89	120		67	97	93		91		86
	060374002	1	1/1/1999	12/31/2013			09	120	89	100	100	84	Y	93	120	93	97	93	98	Y	95	120	92	97	84	90	Y	91	Y	93
	060374002	3	1/6/2009	9/30/2013			09	170	100	95	100	100	Y	99	170	67	90	99	99		89	170	96	82	99			92		93
	060374004	1	8/7/2003	12/31/2013			09	120	83	99	99	99	Y	95	120	97	99	97	79	Y	93	120	93	98	87	96	Y	94	Y	94
	060374004	3	1/1/2012	12/31/2013			09								170	95	100	55	59		77	170	66	89	97	99		88		83
	060379033	1	11/1/2001	12/31/2013			09	117	73	40	38	87		59	117	67	93	0	73		58	117	87	93	100	87	Y	92		70
	060390500	1	8/2/2011	12/31/2013			09	184			66	81		75	184	73	72	98	79		80	184	93	99	100	96	Y	97		84

			Sample Date Range 1*		Sample Date Range 2*			2011 Completeness							2012 Completeness							2013 Completeness							2011-2013	
State	Site	POC	Begin	End	Begin	End	Reg	Meth	Qtr 1 %	Qtr 2 %	Qtr 3 %	Qtr 4 %	All 4 Qtrs 75%	1-Yr %	Meth	Qtr 1 %	Qtr 2 %	Qtr 3 %	Qtr 4 %	All 4 Qtrs 75%	1-Yr %	Meth	Qtr 1 %	Qtr 2 %	Qtr 3 %	Qtr 4 %	All 4 Qtrs 75%	1-Yr %	All Qtrs 75%	3-Yr %
	060392010	3	7/16/2010	12/31/2013			09	170	100	87	97	99	Y	96	170	93	100	86	100	Y	95	170	100	94	100	100	Y	98	Y	96
	060410001	3	10/27/2009	12/31/2013			09	170	100	87	80	100	Y	92	170	100	80	99	99	Y	94	170	99	91	99	99	Y	97	Y	94
	060450006	3	12/31/2008	12/31/2013			09	170	98	97	98	97	Y	97	170	94	98	90	57		85	170	0	0	0	93		23		68
	060452002	3	9/15/2009	12/31/2013			09	170	96	97	97	92	Y	96	170	94	98	91	100	Y	96	170	65	0	22	93		45		79
	060470003	3	10/19/2009	12/31/2013			09	170	100	95	97	96	Y	97	170	93	97	98	99	Y	97	170	95	97	100	99	Y	98	Y	97
	060472510	1	4/1/1999	12/31/2013			09	120	97	100	94	83	Y	94	118	88	100	81	97	Y	91	118	90	80	93	93	Y	89	Y	91
	060530002	3	1/1/2012	12/31/2013			09								170	99	99	99	98	Y	99	170	99	95	99	98	Y	98		99
	060530008	3	1/1/2012	12/31/2013			09								170	99	91	95	94	Y	95	170	99	99	99	98	Y	99		97
	060531003	2	11/1/2008	12/31/2013			09	117	93	100	100	93	Y	97	117	93	100	94	87	Y	94	117	100	100	87	94	Y	95	Y	95
	060531003	3	1/1/2010	12/31/2013			09	170	99	94	95	94	Y	96	170	99	96	99	92	Y	96	170	99	98	99	99	Y	99	Y	97
	060550003	3	12/13/2012	12/31/2013			09								170				99		99	170	100	99	93	96	Y	97		98
	060570005	1	12/30/1998	12/31/2013			09	117	93	93	93	93	Y	93	117	100	93	100	100	Y	98	117	93	87	100	93	Y	93	Y	95
	060571001	1	3/31/1999	12/31/2013			09	118	100	100	97	97	Y	98	118	100	93	97	100	Y	98	118	93	97	97	97	Y	96	Y	97
	060571001	2	5/12/1999	12/31/2013			09	118	73	93	76	53		74	118	100	100	74	100		94	118	73	87	100	60		80		83
	060590007	1	9/1/2001	12/31/2013			09	120	98	99	91	98	Y	97	120	93	98	94	96	Y	95	120	93	90	89	91	Y	91	Y	94
	060590007	3	1/1/2008	12/31/2013			09	170	96	100	100	99	Y	99	170	93	99	79	99	Y	93	170	95	88	90	100	Y	93	Y	95
	060592022	1	6/15/1999	12/31/2013			09	120	93	97	77	97	Y	91	120	100	97	100	100	Y	99	120	94	100	93	97	Y	96	Y	95
	060610003	1	1/1/2012	12/31/2013			09								170	100	100	100	95	Y	99	170	99	99	99	100	Y	99		99
	060610006	1	12/31/1998	12/31/2013			09	117	100	100	100	100	Y	100	117	100	100	100	93	Y	98	117	93	100	100	88	Y	95	Y	98
	060631006	1	3/26/1999	12/31/2013			09	118	100	97	94	97	Y	97	118	94	87	97	67		86	118	78	100	93	63		84		89
	060631009	1	1/18/2007	6/30/2013			09	118	93	90	93	100	Y	94	118	94	87	87	70		85	118	53	100				76		85
	060631010	1	7/1/2013	12/31/2013			09															118			97	80		88		88
	060650009	1	8/12/2010	12/31/2013			09	170	53	98	97	99		87	170	95	100	94	99	Y	97	170	97	96	92	0		71		85
	060650009	2	8/12/2010	12/31/2013			09	143	93	67	0	80		60	143	93	93	60	27		68	143	73	87	100	0		65		64
	060651003	1	1/1/1999	12/31/2013			09	120	87	97	100	87	Y	93	120	90	90	72	90		86	120	94	100	90	100	Y	96		92
	060651016	1	10/14/2011	12/31/2013			09	170				98		98	170	90	99	93	93	Y	94	170	97	55	83	87		80		91
	060651016	2	6/27/2013	12/31/2013			09															143		100	100	100		100		100
	060652002	1	1/1/1999	12/31/2013			09	120	100	70	75	100		86	120	94	97	94	97	Y	95	120	100	93	97	97	Y	97		93
	060652002	2	1/1/1999	3/15/2012			09	120	93	100	100	100	Y	98	120	100					100									99
	060655001	1	10/10/1999	12/31/2013			09	120	100	93	100	83	Y	94	120	94	100	100	90	Y	96	120	93	100	93	97	Y	96	Y	95
	060658001	1	1/1/1999	12/31/2013			09	120	97	100	89	95	Y	95	120	100	87	91	99	Y	94	120	91	93	95	99	Y	95	Y	95
	060658001	2	1/1/1999	12/31/2013			09	120	100	87	100	93	Y	95	120	93	100	93	100	Y	97	120	100	100	93	100	Y	98	Y	97
	060658001	3	1/1/2008	7/31/2011			09	170	99	93	93			96																96
	060658001	9	8/1/2011	12/31/2013			09	170			100	99		99	170	83	95	100	99	Y	94	170	96	92	99	100	Y	97		97
	060658005	1	10/25/2005	12/31/2013			09	120	89	95	93	99	Y	94	120	97	92	94	100	Y	96	120	99	94	99	97	Y	97	Y	96
	060658005	2	4/3/2012	12/31/2013			09								120		73	94	53		74	120	80	100	80	100	Y	90		82
	060658005	3	1/1/2008	12/31/2013			09	170	99	91	99	99	Y	97	170	98	95	90	99	Y	95	170	99	95	98	99	Y	98	Y	97
	060670006	1	1/3/1999	12/31/2013			09	118	97	97	100	93	Y	97	118	97	100	97	97	Y	98	118	97	97	99	91	Y	96	Y	97
	060670006	2	2/17/1999	12/31/2013			09	118	100	89	89	100	Y	95	118	100	89	100	83	Y	93	118	100	100	100	72		93		94
	060670010	1	12/13/1998	12/31/2013			09	118	100	100	100	100	Y	100	118	100	93	100	93	Y	97	118	97	100	93	97	Y	97	Y	98
	060670012	4	4/1/2013	12/31/2013			09															170		94	96	99		96		96
	060674001	1	2/2/1999	12/31/2013			09	118	96	100	100	100	Y	99	118	100	100	100	97	Y	99	118	90	100	100	88	Y	95	Y	98
	060690002	3	1/1/2010	12/31/2013			09	170	99	96	99	93	Y	97	170	97	96	99	90	Y	96	170	92	98	87	99	Y	94	Y	96
	060710025	1	1/1/1999	12/31/2013			09	120	100	100	100	90	Y	98	120	100	100	100	93	Y	98	120	90	100	97	75	Y	90	Y	95
	060710306	1	1/1/2000	12/31/2013			09	117	93	53	44	73		66	117	100	100	50	73		81	117	93	100	93	61		87		78
	060710306	2	1/1/2000	12/31/2013			09	117	80	47	38	80		61	117	87	93	56	73		77	117	100	100	87	54		85		74
	060712002	1	1/1/1999	12/31/2013			09	120	90	97	87	87	Y	90	120	100	93	77	90	Y	90	120	97	100	100	100	Y	99	Y	93
	060718001	1	2/8/1999	12/31/2013			09	120	87	100	76	100	Y	91	120	100	87	63	93		86	120	93	100	93	100	Y	97		91
	060719004	1	1/1/1999	12/31/2013			09	120	97	97	67	73		84	120	87	93	84	87	Y	88	120	93	88	90	90	Y	90		87
	060730001	1	1/1/1999	12/31/2013			09	145	65	90	100	97		88	145	94	100	100	97	Y	98	145	93	93	97	97	Y	95		94
	060730003	1	1/1/1999	12/31/2013			09	145	97	100	100	97	Y	98	145	91	83	100	100	Y	94	145	100	100	100	97	Y	99	Y	97
	060730003	2	3/1/2011	12/31/2013			09	170	65	99	98	99		95	170	94	99	95	99	Y	97	170	88	99	99	86	Y	93		95
	060730006	1	1/1/1999	2/18/2012			09	145	97	100	100	100	Y	99	145	83					83									91
	060730006	2	1/1/1999	2/18/2012			09								145	90					90									90
	060731002	1	1/1/1999	12/31/2013			09	145	100	97	93	100	Y	98	145	94	100	100	97	Y	98	145	96	100	90	100	Y	97	Y	98
	060731002	3	6/20/2008	12/31/2013			09	170	97	93	85	98	Y	93	170	98	93	99	94	Y	96	170	89	98	90	93	Y	93	Y	94
	060731002	4	4/8/2010	12/31/2013			09	170	99	96	96	95	Y	96	170	99	99	98	91	Y	97	170	87	99	75	92	Y	88	Y	94
	060731006	1	7/1/2012	12/31/2013			09								170			81	99		90	170	90	98	98	94	Y	95		93
	060731008	3	11/1/2011	12/31/2013			09	170				85		85	170	98	94	97	90	Y	95	170	96	87	96	93	Y	93		91
	060731010	1	7/14/2005	12/31/2013			09	145	97	97	97	98	Y	97	145	86	97	97	97	Y	94	145	96	98	97	90	Y	95	Y	95
	060731010	2	11/1/2011	12/31/2013			09	170				64		64	170	99	96	95	99	Y	97	170	26	69	88	98		70		77

			Sample Date Range 1*		Sample Date Range 2*			2011 Completeness							2012 Completeness							2013 Completeness							2011-2013	
State	Site	POC	Begin	End	Begin	End	Reg	Meth	Qtr 1 %	Qtr 2 %	Qtr 3 %	Qtr 4 %	All 4 Qtrs 75%	1-Yr %	Meth	Qtr 1 %	Qtr 2 %	Qtr 3 %	Qtr 4 %	All 4 Qtrs 75%	1-Yr %	Meth	Qtr 1 %	Qtr 2 %	Qtr 3 %	Qtr 4 %	All 4 Qtrs 75%	1-Yr %	All Qtrs 75%	3-Yr %
	060731011	1	5/26/2004	12/31/2013			09								117	80	100	81	87	Y	87	117	93	87	0	0		45		66
	060731011	2	5/26/2004	12/31/2013			09								117	80	100	63	60		76	117	93	87	0	0		45		61
	060731011	3	12/12/2012	12/31/2013			09															170	33	85	56	0		43		43
	060731016	1	2/1/2012	12/31/2013			09								145	68	97	100	100		93	145	97	93	90	100	Y	95		94
	060731016	2	2/1/2012	12/31/2013			09								145	70	0	100	100		67	145	93	87	100	94	Y	94		81
	060731201	1	8/19/2005	12/31/2013			09	170	95	100	94	100	Y	97	170	99	100	100	100	Y	100	170	99	100	100	100	Y	100	Y	99
	060731201	2	1/1/2012	12/31/2013			09								177	100	73	87	47		77	177	27	80	67	73		62		70
	060731201	3	1/1/2012	12/31/2013			09								177	100	80	87	47		78	177	27	80	67	73		62		70
	060750005	3	10/1/2009	12/31/2013			09	170	100	100	93	99	Y	98	170	95	93	90	96	Y	93	170	96	91	99	96	Y	95	Y	95
	060771002	3	5/11/2010	12/31/2013			09	170	100	100	99	99	Y	99	170	99	92	97	98	Y	97	170	100	99	83	95	Y	94	Y	97
	060771002	4	8/23/2010	12/31/2013			09	170	92	99	99	99	Y	97	170	98	95	94	99	Y	97	170	99	99	15	0		54		83
	060772010	3	11/16/2010	12/31/2013			09	170	93	98	98	99	Y	97	170	90	99	91	99	Y	95	170	99	99	98	94	Y	98	Y	97
	060792004	1	7/1/2009	12/31/2013			09	170	97	99	95	99	Y	98	170	99	100	97	100	Y	99	170	99	99	93	99	Y	98	Y	98
	060792006	1	9/21/2005	3/28/2011			09	120	93					93																93
	060792006	3	3/15/2011	12/31/2013			09	170	38	93	100	100		91	170	99	81	100	98	Y	94	170	98	96	98	96	Y	97		94
	060792007	1	8/1/2010	12/31/2013			09	170	99	93	89	96	Y	94	170	100	98	89	100	Y	97	170	98	99	97	99	Y	98	Y	96
	060798001	3	6/1/2009	12/31/2013			09	170	99	99	96	99	Y	98	170	98	98	96	99	Y	98	170	99	99	95	99	Y	98	Y	98
	060811001	2	10/1/2009	9/30/2012			09	145	100	100	100	93	Y	98	145	100	60	80			80									89
	060811001	3	10/1/2009	12/31/2013			09	170	99	90	99	97	Y	96	170	89	99	94	99	Y	95	170	99	99	94	95	Y	97	Y	96
	060830011	3	6/25/2010	12/31/2013			09	170	95	98	100	97	Y	98	170	93	99	89	94	Y	94	170	97	98	86	99	Y	95	Y	96
	060831008	3	5/23/2010	12/31/2013			09	170	100	96	99	99	Y	99	170	99	96	100	99	Y	99	170	98	96	97	99	Y	97	Y	98
	060850002	3	10/31/2009	12/31/2013			09	170	94	99	98	97	Y	97	170	99	93	91	96	Y	95	170	99	99	90	99	Y	97	Y	96
	060850005	1	10/5/2002	9/30/2012	10/1/2012	12/31/2013	09	145	98	97	94	97	Y	96	145	97	93	100	97	Y	97	145	100	100	100	100	Y	100	Y	98
	060850005	3	10/1/2012	12/31/2013			09								170				99		99	170	98	99	95	100	Y	98		99
	060870007	3	1/1/2010	12/31/2013			09	170	99	93	99	96	Y	97	170	98	93	99	93	Y	96	170	95	99	95	99	Y	97	Y	97
	060871004	3	4/5/2013	4/25/2014			09															170		64	95	95		85		85
	060890004	1	12/19/1998	12/31/2013			09	117	87	93	100	87	Y	92	117	93	93	100	100	Y	97	117	87	100	73	100		90		93
	060932001	1	8/21/2008	12/31/2013			09	117	100	100	100	100	Y	100	117	93	93	100	87	Y	93	117	93	87	100	87	Y	92	Y	95
	060950004	1	1/1/1999	2/28/2011			09	145	88					88																88
	060950004	3	1/1/2011	12/31/2013			09	170	99	100	91	100	Y	97	170	99	96	99	92	Y	97	170	99	99	94	99	Y	98	Y	97
	060950004	4	1/1/2013	12/31/2013			09															170	99	98	95	99	Y	98		98
	060970003	3	10/23/2009	12/16/2013			09	170	99	99	91	100	Y	97	170	100	95	98	78	Y	93	170	97	96	94	98	Y	96	Y	95
	060990005	1	1/3/1999	12/31/2013			09	118	100	100	100	83	Y	96	118	100	72	89	100		90	118	83	100	100	89	Y	93		93
	060990005	3	5/1/2010	12/31/2013			09	170	100	100	100	100	Y	100	170	100	100	100	99	Y	100	170	97	98	97	99	Y	98	Y	99
	060990006	3	11/19/2008	12/31/2013			09	170	99	94	100	98	Y	98	170	95	100	99	99	Y	98	170	97	97	96	92	Y	95	Y	97
	061010003	1	12/19/1998	12/31/2013			09	118	79	82	95	93	Y	87	118	97	96	96	99	Y	97	118	82	88	87	89	Y	87	Y	90
	061030006	3	1/1/2009	12/31/2013			09	170	95	76	78	98	Y	87	170	95	100	97	95	Y	97	170	99	99	88	94	Y	95	Y	93
	061050002	1	8/18/2011	9/30/2013			09	195			99	0		39																39
	061072002	1	1/3/1999	12/31/2013			09	118	87	87	94	100	Y	92	118	96	97	100	90	Y	96	118	96	100	100	88	Y	96	Y	95
	061110007	1	1/1/1999	12/31/2013			09	118	100	100	100	100	Y	100	118	100	100	93	100	Y	98	118	93	93	100	100	Y	97	Y	98
	061110007	2	1/1/1999	2/15/2012			09	118	100	100	100	87	Y	97	118	100					100									99
	061110007	3	1/7/2012	12/31/2013			09								170	91	99	99	100	Y	97	170	97	99	100	100	Y	99		98
	061110009	1	11/1/2000	1/31/2012			09	118	93	100	93	100	Y	97	118	100					100									99
	061110009	3	11/15/2011	12/31/2013			09								170	92	99	99	85	Y	94	170	97	99	100	98	Y	99		97
	061111004	3	11/29/2011	12/31/2013			09								170	60	99	99	95		88	170	99	99	73	79		88		88
	061112002	1	1/1/1999	12/31/2013			09	118	100	100	94	87	Y	95	118	94	100	100	93	Y	97	118	94	87	90	94	Y	91	Y	94
	061112002	3	6/29/2013	12/31/2013			09															170		0	95	98		83		83
	061113001	1	1/1/1999	12/31/2013			09	118	100	100	100	93	Y	98	118	100	100	100	100	Y	100	118	100	100	100	100	Y	100	Y	99
	061113001	3	1/26/2012	12/31/2013			09								170	98	100	99	99	Y	99	170	91	85	84	100	Y	90		95
	061131003	1	1/9/1999	12/31/2013			09	118	100	93	100	80	Y	93	118	100	100	94	93	Y	97	118	100	100	100	76	Y	94	Y	95
COLORADO																														
	080010006	1	1/1/2001	12/31/2013			08	145	100	100	100	100	Y	100	145	48	93	100	97		85	145	100	87	63	93		86		90
	080010006	2	1/1/2001	12/31/2013			08	145	87	100	100	87	Y	93	145	40	93	100	93		82	145	100	100	100	93	Y	98		91
	080050005	1	3/10/1999	12/31/2013			08	145	97	77	100	100	Y	93	145	45	93	97	90		81	145	100	97	100	100	Y	99		91
	080130003	1	1/22/1999	12/31/2013			08	145	97	97	97	100	Y	98	145	48	90	97	100		84	145	100	100	100	100	Y	100		94
	080130012	1	1/30/1999	12/31/2013			08	145	88	63	90	93		84	145	41	93	97	100		83	145	100	100	100	94	Y	98		88
	080310002	1	1/1/1999	12/31/2013			08	145	90	100	100	98	Y	97	145	47	87	100	95		82	145	97	86	96	94	Y	93		91
	080310002	2	9/22/2001	12/31/2013			08	145	100	100	100	100	Y	100	145	47	87	100	87		80	145	93	100	100	81	Y	94		91
	080310002	3	4/5/2013	12/31/2013			08															195		99	99	99		99		99
	080310023	1	12/28/2004	12/31/2012			08	145	98	93	97	90	Y	95	145	45	89	100	92		82									89
	080310025	1	10/1/2007	9/3/2012			08	145	97	100	100	100	Y	99	145	45	87	57			63									81

			Sample Date Range 1*		Sample Date Range 2*			2011 Completeness							2012 Completeness							2013 Completeness							2011-2013	
State	Site	POC	Begin	End	Begin	End	Reg	Meth	Qtr 1 %	Qtr 2 %	Qtr 3 %	Qtr 4 %	All 4 Qtrs 75%	1-Yr %	Meth	Qtr 1 %	Qtr 2 %	Qtr 3 %	Qtr 4 %	All 4 Qtrs 75%	1-Yr %	Meth	Qtr 1 %	Qtr 2 %	Qtr 3 %	Qtr 4 %	All 4 Qtrs 75%	1-Yr %	All Qtrs 75%	3-Yr %
	080310026	1	9/27/2012	12/31/2013			08								145			100	97		98	145	100	100	100	100	Y	100		99
	080350004	1	7/15/2005	12/31/2013			08	145	100	97	100	97	Y	98	145	42	93	97	100		83	145	100	94	100	100	Y	98		93
	080350005	1	11/1/2013	12/31/2013			08															143				60		60		60
	080390001	1	5/28/1999	4/30/2011			08	143	73	80				75																75
	080410017	1	12/1/2007	12/31/2013			08	145	96	100	83	97	Y	94	145	45	90	100	100		84	145	97	97	100	100	Y	98		92
	080677001	1	6/17/2009	12/31/2013			08	119	100	93	67	80		85	119	87	93	68	47		74	119	33	100	87	82		76		78
	080677001	2	6/18/2009	8/3/2013			08	119	100	100	53	80		83	119	93	93	68	47		75	119	33	100	100			75		78
	080677003	1	6/17/2009	12/31/2013			08	119	100	100	67	80		87	119	100	93	68	47		77	119	33	100	93	77		76		80
	080677003	2	8/8/2013	12/31/2013			08															119			88	82		84		84
	080690009	1	7/10/1999	12/31/2013			08	145	82	100	93	90	Y	91	145	48	93	100	97		85	145	100	94	100	97	Y	98		91
	080770017	1	11/4/2002	12/31/2013			08	145	100	100	97	100	Y	99	145	48	93	100	87		82	145	100	100	100	100	Y	100		94
	080830006	1	6/10/2008	12/31/2013			08	143	100	93	100	93	Y	97	143	100	100	100	93	Y	98	143	87	100	100	100	Y	97	Y	97
	081010015	1	6/24/2009	12/31/2013			08	145	76	97	97	93	Y	91	145	42	93	97	93		81	145	94	94	100	90	Y	95		89
	081030006	1	8/7/2010	12/31/2013			08	170	98	93	90	99	Y	95	170	99	99	99	79	Y	94	170	94	100	99	96	Y	97	Y	95
	081230006	1	2/13/1999	12/31/2013			08	145	100	100	94	100	Y	98	145	41	87	100	100		82	145	100	100	93	100	Y	98		93
	081230008	1	8/4/1999	12/31/2013			08	145	93	73	93	77		84	145	34	93	97	97		80	145	88	100	90	100	Y	95		86
CONNECTICUT																														
	090010010	1	1/1/1999	12/31/2013			01	145	100	100	94	100	Y	98	145	96	100	87	90	Y	93	145	97	97	100	100	Y	98	Y	96
	090011123	1	1/1/1999	12/31/2013			01	145	97	100	81	100	Y	94	145	100	100	93	93	Y	97	145	100	100	100	100	Y	100	Y	97
	090013005	1	3/16/2000	12/31/2012			01	145	100	100	97	97	Y	98	145	100	93	93	83	Y	93									96
	090019003	1	1/1/1999	12/31/2013			01	145	97	100	97	97	Y	98	145	97	97	90	87	Y	93	145	100	100	100	100	Y	100	Y	97
	090031003	1	1/1/1999	12/31/2013			01	145	78	98	85	87	Y	87	145	98	98	95	94	Y	96	145	100	99	100	97	Y	99	Y	94
	090032006	1	1/1/2008	12/31/2013			01	145	100	97	90	87	Y	93	145	100	100	93	93	Y	97	145	100	97	100	100	Y	99	Y	96
	090050005	1	1/1/2005	12/31/2013			01	145	100	97	91	97	Y	96	145	100	100	97	97	Y	98	145	96	97	100	94	Y	97	Y	97
	090090027	1	1/24/2004	12/31/2013			01	145	94	99	92	94	Y	95	145	98	98	100	95	Y	98	145	98	94	99	92	Y	96	Y	96
	090090027	2	2/1/2005	12/31/2013			01	145	100	100	100	93	Y	98	145	100	100	87	100	Y	97	145	93	93	100	57		86		94
	090091123	1	1/1/1999	12/31/2013			01	145	100	100	97	97	Y	98	145	100	97	90	97	Y	96	145	100	97	100	100	Y	99	Y	98
	090092123	1	1/1/1999	12/31/2013			01	145	87	97	97	100	Y	95	145	100	100	93	87	Y	95	145	100	100	97	97	Y	98	Y	96
	090092123	2	1/1/1999	12/31/2013			01	145	87	100	100	93	Y	95	145	100	100	87	87	Y	93	145	100	100	93	100	Y	98	Y	95
	090113002	1	1/1/1999	12/31/2013			01	145	100	97	94	87	Y	94	145	100	97	100	87	Y	96	145	97	100	100	97	Y	98	Y	96
DELAWARE																														
	100010002	1	1/1/1999	12/31/2013			03	145	90	100	91	93	Y	94	145	100	100	94	73		92	145	91	100	100	100	Y	98		95
	100010002	3	8/1/2012	12/31/2013			03								184			56	90		76	184	93	94	99	100	Y	96		86
	100010003	1	1/1/1999	12/31/2013			03	145	87	97	84	90	Y	89	145	100	100	97	87	Y	96	145	93	100	100	97	Y	98	Y	94
	100031003	1	1/1/1999	12/31/2013			03	145	97	100	72	90		90	145	96	100	100	80	Y	94	145	96	87	90	100	Y	93		92
	100031007	1	1/1/1999	12/31/2013			03	145	86	90	78	90	Y	86	145	88	100	100	77	Y	91	145	93	93	67	93		87		88
	100031008	3	6/1/2013	12/31/2013			03															184		100	100	100		100		100
	100031012	1	12/15/1999	12/31/2013			03	145	71	93	94	93		88	145	100	97	84	77	Y	89	145	93	90	70	100		88		88
	100032004	1	1/1/1999	12/31/2013			03	145	94	89	81	90	Y	89	145	95	97	93	83	Y	92	145	87	81	85	87	Y	85	Y	89
	100032004	2	1/1/1999	12/31/2013			03	145	100	80	81	87	Y	87	145	93	93	93	87	Y	92	145	87	80	73	80		80		86
	100032004	3	1/1/2010	12/31/2013			03	184	92	100	95	99	Y	96	184	98	92	99	99	Y	97	184	85	91	0	0		44		79
	100032004	4	7/1/2013	12/31/2013			03															184			97	86		91		91
	100051002	1	1/1/1999	12/31/2013			03	145	96	90	91	93	Y	93	145	97	97	93	90	Y	94	145	90	97	97	90	Y	94	Y	94
	100051002	3	1/1/2013	12/31/2013			03															184	43	95	96	51		71		71
DISTRICT OF COLUMBIA																														
	110010041	1	1/1/1999	12/31/2013			03	120	84	99	95	94	Y	93	118	99	94	85	85	Y	91	118	97	98	97	98	Y	97	Y	94
	110010041	2	1/1/1999	1/1/2012			03	120	100	93	100	87	Y	95																95
	110010042	1	1/1/1999	12/31/2013			03	118	97	90	94	100	Y	95	118	100	83	84	97	Y	91	118	100	97	100	90	Y	97	Y	94
	110010043	1	1/1/1999	12/31/2013			03	118	96	96	81	97	Y	92	118	100	100	94	100	Y	98	118	97	96	100	100	Y	98	Y	96
	110010043	2	1/1/2012	12/31/2013			03								118	100	100	87	100	Y	97	118	93	90	80	94	Y	89		93
	110010043	4	1/1/1999	12/31/2013			03	170	64	91	83	99		84	170	93	100	100	90	Y	96	170	100	99	87	100	Y	96		92
FLORIDA																														
	120010023	1	1/6/1999	12/31/2013			04	118	100	90	100	97	Y	97	118	100	100	100	100	Y	100	118	75	100	100	90	Y	91	Y	96
	120010023	2	1/6/1999	12/31/2013			04	118	100	72	83	100		89	118	83	100	100	50		83	118	100	100	100	100	Y	100		91
	120090007	1	3/1/2000	12/31/2013			04	118	87	93	100	100	Y	95	118	100	97	100	100	Y	99	118	100	94	100	100	Y	98	Y	97
	120111002	1	1/1/1999	12/31/2013			04	118	98	95	98	99	Y	97	118	100	100	99	100	Y	100	118	99	4	0	0		26		74
	120111002	2	1/1/1999	12/31/2013			04	118	93	100	87	87	Y	92	118	93	100	88	100	Y	95	118	100	7	0	0		27		71
	120112003	1	7/9/2010	12/31/2012	2/6/2013	12/31/2013	04	118	100	100	100	97	Y	99	118	96	100	100	57		88	118	73	94	97	97		91		93
	120115005	1	9/30/2009	12/31/2013			04	118	100	100	94	93	Y	97	118	100	99	22	0		55									76
	120170005	1	2/5/1999	12/31/2013			04	118	93	97	100	90	Y	95	118	88	87	77	93	Y	86	118	100	100	93	80	Y	93	Y	91
	120170005	2	2/5/1999	12/31/2013			04	118	100	100	72	89		90	118	100	89	100	100	Y	97	118	89	100	89	89	Y	92		93

			Sample Date Range 1*		Sample Date Range 2*			2011 Completeness							2012 Completeness							2013 Completeness							2011-2013	
State	Site	POC	Begin	End	Begin	End	Reg	Meth	Qtr 1 %	Qtr 2 %	Qtr 3 %	Qtr 4 %	All 4 Qtrs 75%	1-Yr %	Meth	Qtr 1 %	Qtr 2 %	Qtr 3 %	Qtr 4 %	All 4 Qtrs 75%	1-Yr %	Meth	Qtr 1 %	Qtr 2 %	Qtr 3 %	Qtr 4 %	All 4 Qtrs 75%	1-Yr %	All Qtrs 75%	3-Yr %
	120310032	1	7/15/2009	12/31/2013			04	118	97	51	11	94		63	118	98	92	84	98	Y	93	118	80	67	97	99		86		81
	120310098	1	6/1/1999	12/31/2013			04	118	97	99	99	93	Y	97	118	87	88	69	93		84	118	88	99	99	93	Y	95		92
	120310099	1	6/1/1999	12/31/2013			04	118	98	53	80	99		82	118	100	97	85	99	Y	95	118	100	98	92	100	Y	98		92
	120310099	2	6/1/1999	12/31/2013			04	118	100	100	100	100	Y	100	118	100	89	89	100	Y	95	118	100	100	100	89	Y	97	Y	97
	120330004	1	1/3/1999	12/31/2013			04	118	100	100	97	97	Y	98	118	100	100	97	100	Y	99	118	97	100	100	93	Y	98	Y	98
	120330004	2	1/3/1999	12/31/2013			04	118	100	100	100	100	Y	100	118	100	83	100	100	Y	96	118	100	100	100	100	Y	100	Y	99
	120573002	1	1/1/2004	12/31/2013			04	118	100	94	100	98	Y	98	118	99	99	96	97	Y	98	118	100	99	95	99	Y	98	Y	98
	120573002	2	1/26/2010	12/31/2013			04	118	80	67	63	93		76	118	100	80	87	100	Y	92	118	100	100	40	46		71		80
	120710005	1	1/1/1999	12/31/2013			04	118	100	100	100	100	Y	100	118	97	97	100	100	Y	98	118	93	100	93	97	Y	96	Y	98
	120710005	2	1/21/1999	12/31/2013			04	118	100	100	100	100	Y	100	118	100	100	78	100	Y	94	118	100	100	100	89	Y	97	Y	97
	120730012	1	1/1/1999	12/31/2013			04	118	100	100	97	100	Y	99	118	97	100	90	93	Y	95	118	97	93	97	97	Y	96	Y	97
	120730012	2	10/1/2004	12/31/2013			04	118	89	100	100	100	Y	97	118	100	67	45	100		78	118	100	100	100	100	Y	100		92
	120860033	1	5/4/2005	12/31/2013			04	118	100	97	100	90	Y	97	118	100	100	97	100	Y	99	118	96	100	100	100	Y	99	Y	98
	120861016	1	2/4/1999	12/31/2013			04	118	98	100	99	100	Y	99	118	100	100	97	100	Y	99	118	100	97	99	67		91		96
	120861016	2	2/4/1999	12/31/2013			04	118	100	100	93	100	Y	98	118	100	100	100	100	Y	100	118	87	93	93	56		82		93
	120866001	1	1/27/1999	12/31/2013			04	118	100	100	100	98	Y	100	118	99	75	92	88	Y	88	118	98	90	99	92	Y	95	Y	94
	120951004	1	1/1/1999	12/31/2011			04	118	100	97	98	99	Y	98																98
	120952002	1	1/1/1999	12/31/2013			04	118	99	100	98	98	Y	99	118	100	99	100	96	Y	99	118	95	94	99	98	Y	96	Y	98
	120952002	2	1/1/1999	12/31/2013			04	118	89	100	100	100	Y	97	118	100	100	83	100	Y	96	118	100	100	100	100	Y	100	Y	98
	120990008	1	3/1/2000	12/31/2011			04	118	98	99	95	97	Y	97																97
	120990008	3	5/1/2009	12/31/2012			04	170	99	94	97	98	Y	97	170	99	96	99	95	Y	97									97
	120990009	1	12/4/1999	12/31/2013			04	118	99	96	86	97	Y	94	118	98	98	99	90	Y	96	118	100	93	90	94	Y	94	Y	95
	120990009	2	12/17/2008	12/31/2013			04	118	100	100	100	100	Y	100	118	100	100	100	100	Y	100	118	100	100	100	100	Y	100	Y	100
	120990009	3	1/1/2011	12/31/2012			04	170	87	96	93	97	Y	93	170	83	96	56	62		74									84
	120992005	1	6/23/2001	12/31/2013			04	118	100	97	100	100	Y	99	118	94	97	100	100	Y	98	118	100	100	90	97	Y	97	Y	98
	121030018	1	1/1/1999	12/31/2013			04	118	100	100	100	99	Y	100	118	99	100	100	97	Y	99	118	92	100	98	99	Y	97	Y	99
	121030018	2	1/1/1999	12/31/2013			04	118	100	100	100	100	Y	100	118	100	100	100	67		92	118	89	100	100	78	Y	92		95
	121031009	1	9/12/2003	12/31/2013			04	118	97	97	88	90	Y	93	118	90	97	94	87	Y	92	118	97	74	100	87		89		91
	121056006	1	1/1/1999	12/31/2013			04	118	97	90	97	90	Y	93	118	94	100	87	97	Y	95	118	100	100	100	81	Y	95	Y	94
	121056006	2	1/1/1999	12/31/2013			04	118	100	83	100	100	Y	96	118	44	100	89	100		83	118	89	100	89	100	Y	95		91
	121150013	1	1/3/1999	12/31/2013			04	118	90	100	97	93	Y	95	118	97	90	93	100	Y	95	118	87	87	97	93	Y	91	Y	94
	121150013	2	1/3/1999	12/31/2013			04	118	89	100	100	100	Y	97	118	83	100	100	100	Y	96	118	78	100	89	89	Y	89	Y	94
	121171002	1	1/7/1999	12/31/2013			04	118	97	97	97	97	Y	97	118	100	93	87	100	Y	95	118	100	100	100	100	Y	100	Y	97
	121171002	2	1/7/1999	12/31/2013			04	118	89	100	100	72		90	118	100	100	100	78	Y	94	118	100	100	100	78	Y	95		93
	121275002	1	4/1/2009	12/31/2013			04	118	100	90	94	97	Y	95	118	100	100	93	100	Y	98	118	90	100	97	97	Y	96	Y	96
GEORGIA																														
	130210007	1	2/2/1999	12/31/2013			04	145	53	95	97	99		86	145	97	96	92	95	Y	95	145	83	98	94	96	Y	93		91
	130210007	2	2/2/1999	12/31/2013			04	145	61	100	100	100		90	145	100	89	100	100	Y	97	145	100	56	100	100		89		92
	130210012	1	2/11/1999	12/31/2013			04	145	51	93	97	100		85	145	94	97	90	77	Y	89	145	87	100	93	97	Y	94		89
	130510017	1	1/21/1999	12/31/2012			04	120	47	83	100	83		79	145	91	90	77	83	Y	85									82
	130510017	2	1/1/1999	11/23/2011			04	119	44	83	83	100		76																76
	130510091	1	1/21/1999	12/31/2013			04	120	34	90	87	90		75	145	84	90	71	67		78	145	94	82	93	81	Y	87		80
	130590002	1	2/12/2005	12/31/2013			04	145	54	100	88	90		83	145	85	80	90	73		82	145	80	81	77	90	Y	82		82
	130630091	1	1/9/1999	12/31/2013			04	145	44	90	100	100		84	145	100	83	97	100	Y	95	145	93	93	100	94	Y	95		91
	130670003	1	2/7/1999	12/31/2013			04	145	47	98	98	97		85	145	91	98	87	96	Y	93	145	90	99	97	95	Y	95		91
	130670004	1	2/5/2003	12/31/2012			04	145	51	97	100	97		86	145	97	100	97	97	Y	98									92
	130890002	1	1/22/1999	12/31/2013			04	145	46	94	98	91		82	145	94	99	88	87	Y	92	145	95	96	95	98	Y	96		90
	130890002	2	10/3/2008	12/31/2013			04	145	61	83	61	100		76	145	72	89	89	100		88	145	100	83	100	100	Y	96		87
	130890002	3	1/1/2011	12/31/2013			04	170	90	93	79	98	Y	90	170	97	86	86	78	Y	87	170	74	83	97	81		84		87
	130892001	1	1/1/1999	12/31/2012			04	145	46	99	100	97		85	145	92	92	85	95	Y	91									88
	130950007	1	2/2/1999	12/31/2013			04	120	50	98	98	95		85	145	86	60	56	64		67	145	87	91	98	96	Y	93		82
	130950007	2	1/10/2013	12/31/2013			04															145	92	71	96	97		89		89
	130950007	3	1/1/2013	12/31/2013			04															170	97	81	98	100	Y	94		94
	131150003	1	3/10/2009	12/31/2013			04	145	45	88	94	98		81	145	87	80	83	87	Y	84	145	86	93	86	84	Y	87		84
	131210032	1	8/13/2009	12/31/2012			04	145	46	100	99	100		86	145	98	98	88	96	Y	95									91
	131210032	2	8/13/2009	12/31/2012			04	145	45	88	91	92		79	145	90	85	79	54		77									78
	131210039	1	12/2/2008	12/31/2013			04	145	41	90	97	93		80	145	97	90	45	83		79	145	90	87	67	100		86		82
	131270006	1	8/31/1999	12/31/2013			04	145	34	63	77	67		60	145	66	50	45	53		54	145	71	62	83	100		79		64
	131350002	1	1/1/2000	12/31/2013			04	145	34	97	97	97		81	145	100	100	93	97	Y	98	145	93	93	93	100	Y	95		91
	131390003	1	2/14/1999	12/31/2013			04	145	51	97	100	97		86	145	97	97	91	90	Y	94	145	89	80	93	90	Y	88		89
	131530001	1	7/5/2000	12/31/2013			04	145	55	97	90	93		84	145	97	97	94	87	Y	94	145	100	97	93	97	Y	97		92

			Sample Date Range 1*		Sample Date Range 2*			2011 Completeness							2012 Completeness							2013 Completeness							2011-2013	
State	Site	POC	Begin	End	Begin	End	Reg	Meth	Qtr 1 %	Qtr 2 %	Qtr 3 %	Qtr 4 %	All 4 Qtrs 75%	1-Yr %	Meth	Qtr 1 %	Qtr 2 %	Qtr 3 %	Qtr 4 %	All 4 Qtrs 75%	1-Yr %	Meth	Qtr 1 %	Qtr 2 %	Qtr 3 %	Qtr 4 %	All 4 Qtrs 75%	1-Yr %	All Qtrs 75%	3-Yr %
	131850003	1	1/1/2000	12/31/2013			04	120	26	77	77	87		67	145	84	60	93	100		84	145	80	90	83	94	Y	87		79
	132150001	1	3/4/1999	12/31/2013			04	145	44	93	100	100		84	145	93	73	81	93		85	145	96	97	100	100	Y	98		89
	132150008	1	6/2/2003	12/31/2013			04	145	47	100	93	100		85	145	93	93	93	100	Y	95	145	100	93	83	97	Y	93		91
	132150011	1	1/21/1999	12/31/2013			04	145	44	100	100	97		85	145	100	93	87	93	Y	93	145	100	90	93	97	Y	95		91
	132230003	1	1/24/1999	12/31/2013			04	145	44	100	97	100		85	145	91	90	97	93	Y	93	145	83	87	93	100	Y	91		90
	132450005	1	1/21/1999	12/31/2012			04	145	44	97	97	90		82	145	90	83	93	80	Y	87									85
	132450005	2	1/1/1999	12/31/2012			04	145	44	100	72	50		67	145	72	72	89	89		81									74
	132450091	1	2/8/1999	12/31/2013			04	145	40	93	97	93		81	145	93	90	87	87	Y	89	145	94	93	87	90	Y	91		87
	132950002	1	11/14/2007	12/31/2013			04	145	51	90	84	97		80	145	87	93	81	80	Y	85	145	80	65	77	91		78		81
	133030001	1	1/30/1999	12/31/2013			04	145	37	100	97	97		83	145	90	77	94	90	Y	88	145	90	80	97	93	Y	90		87
	133190001	1	1/1/1999	12/31/2013			04	145	51	83	97	100		83	145	100	90	87	77	Y	88	145	87	81	90	87	Y	86		86
HAWAII																														
	150011006	1	5/1/2008	12/31/2013			09	170	96	79	98	100	Y	93	170	100	76	98	96	Y	93	170	98	100	98	98	Y	99	Y	95
	150011012	1	3/15/2008	12/31/2013			09	170	100	93	98	100	Y	98	170	100	97	98	90	Y	96	170	100	100	99	93	Y	98	Y	97
	150012016	1	4/11/2008	12/31/2013			09	170	99	92	98	99	Y	97	170	98	100	99	93	Y	97	170	100	100	97	95	Y	98	Y	97
	150012020	1	4/1/2010	12/31/2013			09	170	99	91	94	99	Y	96	170	99	100	100	92	Y	98	170	98	99	94	94	Y	96	Y	97
	150012021	1	7/1/2012	12/31/2013			09								170			98	100		99	170	100	95	91	100	Y	97		98
	150012023	1	12/7/2010	12/31/2013			09	170	93	99	90	86	Y	92	170	82	98	78	95	Y	88	170	100	94	99	92	Y	96	Y	92
	150030010	1	1/1/1999	12/31/2013			09	170	99	93	85	96	Y	93	170	99	99	94	92	Y	96	170	92	99	100	94	Y	96	Y	95
	150030010	2	1/1/2011	12/31/2013			09	120	93	87	97	100	Y	94	120	100	83	94	90	Y	92	120	90	97	100	90	Y	94	Y	93
	150031001	3	4/1/2009	12/31/2013			09	170	99	98	93	92	Y	96	170	91	99	97	90	Y	94	170	98	83	68	90		85		92
	150031004	2	1/1/2009	12/31/2013			09	170	96	85	85	86	Y	88	170	78	98	87	84	Y	87	170	99	96	97	96	Y	97	Y	91
	150032004	4	1/10/2009	12/31/2013			09	170	99	94	97	99	Y	97	170	97	98	94	97	Y	96	170	100	100	96	99	Y	99	Y	97
	150070007	1	4/1/2011	12/31/2013			09	170		96	89	93		93	170	87	100	97	98	Y	96	170	98	95	99	99	Y	98		96
	150090006	2	12/1/2008	12/31/2013			09	170	90	96	69	79		84	170	94	81	97	95	Y	92	170	91	96	90	93	Y	93		90
	150090024	1	3/1/2013	12/31/2013			09															170	92	94	90	93	Y	93		93
IDAHO																														
	160010010	1	9/26/2006	12/31/2013			10	145	97	100	100	90	Y	97	145	78	100	100	100	Y	94	145	90	100	100	100	Y	98	Y	96
	160010010	2	7/21/2013	12/31/2013			10															145			100	100		100		100
	160050020	2	9/1/2010	12/31/2013			10	117	100	93	100	93	Y	97	117	100	100	94	100	Y	99	117	93	93	100	67		88		95
	160050020	3	4/15/2010	12/31/2013			10	170	99	98	30	0		57	170	93	97	98	98	Y	97	170	99	72	50	99		80		78
	160090010	1	7/14/2003	12/31/2013			10	145	100	93	94	100	Y	97	145	100	100	100	87	Y	97	145	93	100	93	87	Y	93	Y	96
	160270002	1	6/20/2008	12/31/2013			10	145	100	100	100	100	Y	100	145	93	100	100	100	Y	98	145	100	93	100	73		92		97
	160410001	1	12/5/2004	12/31/2013			10	145	96	83	93	100	Y	93	145	100	93	100	97	Y	98	145	91	97	100	93	Y	95	Y	95
	160410001	3	1/1/2011	12/31/2012			10	170	91	47	97	94		82	170	99	99	98	98	Y	99									91
	160410001	4	1/1/2013	12/31/2013			10															581	100	98	97	93	Y	97		97
	160590004	1	1/1/2007	12/31/2013			10	145	87	87	100	100	Y	93	145	93	87	62	80		81	145	100	94	87	88	Y	92		89
	160590004	3	9/1/2009	12/31/2013			10	170	97	95	100	100	Y	98	170	98	97	99	99	Y	98	170	98	94	99	86	Y	94	Y	97
	160790017	1	9/3/1999	12/31/2013			10	145	100	93	100	100	Y	98	145	100	100	87	93	Y	95	145	97	100	94	94	Y	96	Y	96
	160790017	2	12/2/2007	6/3/2013			10	145	100	93	94	100	Y	97	145	100	100	100	87	Y	97	145	93	100				97		97
	160790017	4	1/1/2010	12/31/2013			10	181	97	97	79	97	Y	92	181	89	0	86	99		68	181	99	96	99	99	Y	98		86
ILLINOIS																														
	170010007	1	4/1/2007	12/31/2012			05	116	100	100	89	93	Y	96	120	93	93	100	73		90									93
	170190006	1	1/9/2011	12/31/2013			05	116	93	100	93	100	Y	97	116	93	93	100	93	Y	95	116	100	87	93	83	Y	91	Y	94
	170191001	1	1/1/1999	12/31/2013			05	119	100	100	97	90	Y	97	116	100	97	100	93	Y	98	116	97	100	93	97	Y	97	Y	97
	170310001	1	4/1/2013	12/31/2013			05															120		100	87	100		96		96
	170310022	1	1/1/1999	12/31/2013			05	120	100	100	100	100	Y	100	120	100	87	94	100	Y	95	120	100	82	87	84	Y	88	Y	94
	170310022	9	4/1/2013	12/31/2013			05															120		80	100	73		84		84
	170310052	1	1/1/1998	12/31/2013			05	120	94	100	100	98	Y	98	120	98	100	95	96	Y	97	120	99	97	100	100	Y	99	Y	98
	170310052	9	1/1/2013	3/31/2013			05															120	87					87		87
	170310057	1	1/1/2000	12/31/2013			05	120	93	100	97	40		82	120	88	100	100	93	Y	95	120	96	100	100	100	Y	99		92
	170310076	1	1/1/2000	12/31/2013			05	120	97	97	97	93	Y	96	120	75	93	83	80	Y	83	120	93	100	87	100	Y	95	Y	91
	170311016	1	1/1/1999	12/31/2013			05	120	99	94	91	99	Y	96	120	99	99	99	96	Y	98	120	98	100	100	93	Y	98	Y	97
	170311016	9	4/1/2013	12/31/2013			05															120		100	93	94		96		96
	170312001	1	1/1/1999	3/31/2013			05	120	84	97	93	87	Y	90	120	100	93	94	100	Y	97	120	97					97		95
	170313103	1	1/1/2004	12/31/2013			05	120	96	97	93	100	Y	97	120	93	100	93	90	Y	94	119	97	90	83	90	Y	90	Y	94
	170313103	9	4/1/2013	12/31/2013			05															119		93	93	93		93		93
	170313301	1	1/1/1999	12/31/2013			05	120	93	90	97	100	Y	95	120	100	100	100	100	Y	100	120	100	97	93	93	Y	96	Y	97
	170313301	9	1/1/2013	3/31/2013			05															120	87					87		87
	170314007	1	1/1/2001	12/31/2013			05	120	86	100	100	100	Y	97	120	100	97	93	97	Y	97	119	100	97	90	100	Y	97	Y	97
	170314201	1	1/1/1998	12/31/2013			05	120	90	100	97	100	Y	97	120	94	100	100	97	Y	98	119	97	100	83	100	Y	95	Y	97

			Sample Date Range 1*		Sample Date Range 2*			2011 Completeness							2012 Completeness							2013 Completeness							2011-2013	
State	Site	POC	Begin	End	Begin	End	Reg	Meth	Qtr 1 %	Qtr 2 %	Qtr 3 %	Qtr 4 %	All 4 Qtrs 75%	1-Yr %	Meth	Qtr 1 %	Qtr 2 %	Qtr 3 %	Qtr 4 %	All 4 Qtrs 75%	1-Yr %	Meth	Qtr 1 %	Qtr 2 %	Qtr 3 %	Qtr 4 %	All 4 Qtrs 75%	1-Yr %	All Qtrs 75%	3-Yr %
	170314201	9	1/1/2013	3/31/2013			05															120	93					93		93
	170316005	1	1/1/2000	12/31/2013			05	120	90	90	97	97	Y	93	120	97	100	74	93		91	120	94	100	100	100	Y	99		94
	170434002	1	1/1/1999	12/31/2013			05	117	100	100	100	100	Y	100	117	100	93	94	87	Y	94	119	100	93	83	100	Y	94	Y	96
	170650002	1	5/1/2005	12/31/2013			05	119	93	100	100	80	Y	93	119	100	100	93	47		85	120	93	71	97	87		87		88
	170831001	1	1/1/2004	12/31/2013			05	116	87	100	94	73		89	120	87	87	87	87	Y	87	117	60	90	100	93		86		87
	170890003	1	1/1/2000	12/31/2013			05	120	100	100	100	100	Y	100	120	100	100	100	100	Y	100	119	100	94	87	93	Y	94	Y	98
	170890007	1	1/1/2005	12/31/2013			05	117	100	87	94	93	Y	94	117	93	100	88	100	Y	95	119	87	73	93	81		84		91
	171110001	1	1/1/2000	12/31/2013			05	120	97	100	81	100	Y	95	120	100	100	93	83	Y	94	119	78	93	80	94	Y	86	Y	92
	171132003	1	1/1/2005	12/31/2013			05	117	93	100	97	93	Y	96	117	86	90	97	90	Y	91	120	79	87	87	81	Y	83	Y	90
	171150013	1	1/1/1999	12/31/2013			05	117	87	93	94	87	Y	90	117	100	93	88	100	Y	95	117	100	87	100	100	Y	97	Y	94
	171190024	1	7/1/2007	12/31/2013			05	116	81	97	94	90	Y	90	116	90	100	100	93	Y	96	120	90	100	97	87	Y	93	Y	93
	171190024	9	1/1/2013	12/31/2013			05															120	73	67	67	100		77		77
	171191007	1	1/1/1999	12/31/2013			05	120	99	98	98	94	Y	97	120	89	82	99	90	Y	90	117	82	87	67	70		76		88
	171191007	9	4/1/2013	12/31/2013			05															117		100	80	88		89		89
	171192009	1	1/1/2000	12/31/2013			05	116	87	80	100	93	Y	90	116	73	93	94	93		89	120	93	90	87	90	Y	90		90
	171193007	1	1/1/1999	12/31/2013			05	116	100	90	97	93	Y	95	116	94	100	94	93	Y	95	117	97	93	97	97	Y	96	Y	95
	171430037	1	1/1/1999	12/31/2013			05	116	96	100	100	97	Y	98	116	94	100	100	93	Y	97	117	87	87	100	87	Y	90	Y	95
	171430037	9	1/1/2013	3/31/2013			05															116	93					93		93
	171570001	1	1/1/1999	12/31/2013			05	119	100	100	93	93	Y	97	119	100	100	100	100	Y	100	120	93	93	97	97	Y	95	Y	97
	171570001	9	1/1/2013	3/31/2013			05															119	87					87		87
	171613002	1	1/1/2001	12/31/2013			05	120	87	93	100	100	Y	95	120	80	100	88	93	Y	90	120	80	77	83	93	Y	83	Y	89
	171630010	1	1/1/1999	12/31/2013			05	116	80	93	94	93	Y	90	116	93	93	88	93	Y	92	117	93	93	80	74		85		89
	171639010	7	5/2/2010	12/31/2013			05	145	89	56	0	0		36																36
	171639010	8	5/2/2010	12/31/2013			05	177	89	39	0	0		32																32
	171639010	9	5/2/2010	12/31/2013			05	177	78	44	0	0		31																31
	171670012	1	1/1/1999	12/31/2013			05	117	87	100	100	93	Y	95	117	96	100	97	97	Y	97	117	94	80	100	77	Y	88	Y	93
	171670012	9	1/1/2013	3/31/2013			05															117	87					87		87
	171971002	1	1/1/1999	12/31/2013			05	119	100	100	100	100	Y	100	119	93	100	100	100	Y	98	119	100	100	100	100	Y	100	Y	99
	171971011	1	1/1/1999	12/31/2013			05	119	100	100	100	93	Y	98	119	93	100	100	100	Y	98	119	93	100	90	100	Y	96	Y	97
	172010013	1	1/1/2005	12/31/2013			05	120	93	93	90	90	Y	92	120	97	100	93	97	Y	97	120	80	87	100	82	Y	87	Y	92
INDIANA																														
	180030004	1	1/1/1999	12/31/2013			05	145	96	97	90	97	Y	95	145	97	97	97	100	Y	98	145	97	90	93	100	Y	95	Y	96
	180030004	2	1/1/2013	12/31/2013			05															145	88	87	100	97	Y	93		93
	180030004	3	11/10/2009	12/31/2013			05	181	99	84	94	85	Y	90	181	80	99	99	93	Y	93	170	94	94	98	96	Y	96	Y	93
	180190006	1	6/26/2003	12/31/2013			05	145	82	99	84	88	Y	88	145	87	92	80	100	Y	90	145	97	99	99	90	Y	96	Y	91
	180190008	1	7/1/2008	12/31/2013			05	145	100	97	90	100	Y	97	145	96	100	97	97	Y	97	145	100	100	97	100	Y	99	Y	98
	180350006	1	10/15/1999	12/31/2013			05	145	93	97	75	100	Y	91	145	94	97	100	97	Y	97	145	97	97	100	97	Y	98	Y	95
	180372001	1	1/1/2000	12/31/2013			05	145	85	97	100	97	Y	95	145	100	100	100	100	Y	100	145	96	97	100	87	Y	95	Y	97
	180390008	1	1/1/2008	12/31/2013			05	145	97	100	100	83	Y	95	145	100	93	100	100	Y	98	145	100	97	100	100	Y	99	Y	97
	180390008	3	11/23/2010	12/31/2013			05	170	92	82	98	90	Y	91	170	98	89	77	94	Y	89	170	96	65	61	82		76		85
	180431004	1	1/1/1999	12/31/2013			05	145	100	87	100	97	Y	96	145	87	100	100	100	Y	97	145	83	91	100	97	Y	93	Y	95
	180431004	2	1/1/1999	12/31/2013			05	145	100	93	100	80	Y	93	145	100	100	94	100	Y	99	145	100	100	93	100	Y	98	Y	97
	180431004	3	12/10/2009	12/31/2013			05	170	99	63	49	95		77	170	99	99	95	95	Y	97	170	98	87	94	92	Y	93		89
	180510012	1	1/17/2008	12/31/2011			05	145	90	93	100	100	Y	96																96
	180550001	1	1/1/2012	12/31/2013			05								145	94	90	91	100	Y	94	145	100	100	97	100	Y	99		97
	180650003	1	9/26/2000	12/31/2013			05	145	96	100	100	97	Y	98	145	96	93	100	97	Y	97	145	97	100	97	100	Y	98	Y	98
	180670003	1	6/11/1999	1/31/2012			05	145	100	93	83	87	Y	91	145	100					100									96
	180830004	1	1/1/2000	12/31/2011			05	145	88	97	97	100	Y	95																95
	180890006	1	1/27/1999	12/31/2013			05	145	86	100	84	97	Y	92	145	100	100	84	100	Y	96	145	97	94	87	90	Y	92	Y	93
	180890022	1	3/4/1999	12/31/2013			05	145	100	100	87	67		88	145	91	100	100	97	Y	97	145	100	97	100	100	Y	99		95
	180890022	3	10/8/2009	12/31/2013			05	184	0	48	37	72		39	170	99	96	76	86	Y	89	170	98	89	97	96	Y	95		74
	180890026	1	2/12/2000	12/31/2013			05	145	86	81	96	95	Y	90	145	94	100	100	100	Y	99	145	100	100	100	100	Y	100	Y	96
	180890027	1	2/18/2000	12/31/2011			05	145	93	100	84	93	Y	93																93
	180890031	1	7/1/2005	12/31/2013			05	145	83	83	93	93	Y	88	145	91	100	100	100	Y	98	145	93	100	100	83	Y	94	Y	93
	180890031	2	7/1/2005	12/31/2013			05	145	87	93	100	100	Y	95	145	93	93	100	100	Y	97	145	100	100	100	89	Y	97	Y	96
	180892004	1	2/11/1999	12/31/2013			05	145	86	100	100	100	Y	97	145	97	100	100	100	Y	99	145	100	100	97	97	Y	98	Y	98
	180892004	3	2/3/2010	12/31/2013			05	184	87	75	0	88		63	184	88	88	82	98	Y	89	184	98	74	35	69		69		74
	180892010	1	1/27/1999	12/31/2012			05	145	90	93	90	90	Y	91	145	91	87	97	100	Y	94									93
	180910011	1	12/17/1999	12/31/2013			05	145	78	100	100	97	Y	94	145	94	100	100	90	Y	96	145	94	93	97	100	Y	96	Y	95
	180950011	1	7/12/2010	12/31/2013			05	145	90	100	90	87	Y	92	145	100	100	93	90	Y	96	145	100	93	97	90	Y	95	Y	94
	180950011	3	7/12/2010	12/31/2013			05	184	85	99	65	54		76	184	94	97	78	91	Y	90	184	100	99	89	95	Y	96		87

			Sample Date Range 1*		Sample Date Range 2*			2011 Completeness							2012 Completeness							2013 Completeness							2011-2013	
State	Site	POC	Begin	End	Begin	End	Reg	Meth	Qtr 1 %	Qtr 2 %	Qtr 3 %	Qtr 4 %	All 4 Qtrs 75%	1-Yr %	Meth	Qtr 1 %	Qtr 2 %	Qtr 3 %	Qtr 4 %	All 4 Qtrs 75%	1-Yr %	Meth	Qtr 1 %	Qtr 2 %	Qtr 3 %	Qtr 4 %	All 4 Qtrs 75%	1-Yr %	All Qtrs 75%	3-Yr %
	180970043	1	1/24/1999	12/31/2013			05	145	96	93	100	97	Y	97	145	97	100	100	100	Y	99	145	100	100	97	97	Y	98	Y	98
	180970078	1	3/7/1999	12/31/2013			05	145	96	98	99	98	Y	98	145	97	99	99	100	Y	99	145	100	100	100	100	Y	100	Y	99
	180970078	3	1/4/2010	12/31/2011			05	181	99	98	95	100	Y	98																98
	180970078	4	7/21/2011	12/31/2013			05	170			98	99		99	170	99	95	95	95	Y	96	170	98	94	98	74		91		95
	180970081	1	1/22/1999	12/31/2013			05	145	96	96	100	88	Y	95	145	100	97	99	98	Y	98	145	99	100	100	95	Y	99	Y	97
	180970081	2	2/11/1999	12/31/2013			05	145	87	87	93	100	Y	92	145	93	100	94	87	Y	94	145	67	93	87	82		82		89
	180970081	3	10/1/2009	12/31/2013			05	181	99	73	90	94		89	181	98	78	48	72		74	181	94	83	41	63		70		78
	180970083	1	1/22/1999	12/31/2013			05	145	100	100	100	100	Y	100	145	97	100	100	100	Y	99	145	100	97	97	83	Y	94	Y	98
	180970084	1	2/15/2009	12/31/2013			05	145	100	90	97	100	Y	97	145	100	100	100	100	Y	100	145	100	100	87	94	Y	95	Y	97
	181050003	1	4/1/2009	12/31/2013			05	145	100	90	87	100	Y	94	145	88	90	94	90	Y	90	145	100	100	100	100	Y	100	Y	95
	181050003	3	4/1/2009	12/31/2013			05	184	93	95	79	65		83	184	99	99	99	92	Y	97	184	100	87	98	94	Y	95		92
	181270024	1	1/27/1999	12/31/2013			05	145	90	93	100	100	Y	96	145	100	93	97	93	Y	96	145	93	100	97	83	Y	93	Y	95
	181270024	2	1/1/2013	12/31/2013			05															145	91	100	93	97	Y	95		95
	181270024	3	10/8/2009	12/31/2013			05	181	99	83	93	91	Y	91	170	97	46	96	87		81	170	99	89	96	96	Y	95		89
	181410015	1	6/1/2006	12/31/2013			05	145	97	100	97	100	Y	99	145	100	100	97	97	Y	98	145	100	97	90	77	Y	91	Y	96
	181410015	2	6/1/2006	12/31/2013			05	145	93	93	94	93	Y	94	145	87	100	100	87	Y	93	145	93	93	100	93	Y	95	Y	94
	181410015	3	10/15/2008	12/31/2013			05	170	91	98	86	99	Y	93	170	99	95	100	93	Y	97	170	97	93	89	91	Y	93	Y	94
	181470009	1	2/1/2000	12/31/2013			05	145	83	87	100	90	Y	90	145	100	100	85	100	Y	96	145	94	100	100	93	Y	97	Y	94
	181570008	1	10/1/2002	12/31/2013			05	145	58	93	93	97		85	145	100	100	87	100	Y	97	145	100	100	100	90	Y	98		93
	181570008	2	10/1/2002	12/31/2013			05	145	87	93	100	93	Y	93	145	100	93	88	93	Y	94	145	93	87	87	74		85		91
	181570008	3	1/1/2010	12/31/2013			05	170	99	43	99	99		85	170	92	79	84	92	Y	87	170	97	85	95	87	Y	91		88
	181570008	4	11/6/2009	12/31/2013			05	181	12	14	87	87		50	181	89	87	96	99	Y	93	181	99	97	66	79		85		76
	181630016	1	6/5/1999	12/31/2013			05	145	97	100	97	97	Y	98	145	78	97	84	87	Y	86	145	100	100	97	97	Y	98	Y	94
	181630020	1	3/10/2009	3/31/2011			05	145	91					91																91
	181630020	2	3/10/2009	3/31/2011			05	145	87					87																87
	181630021	1	7/8/2009	12/31/2013			05	145	100	100	100	90	Y	98	145	81	93	100	100	Y	94	145	100	100	100	100	Y	100	Y	97
	181630021	2	4/3/2011	12/31/2013			05	145		87	100	93		93	145	100	100	93	93	Y	97	145	100	87	100	100	Y	97		96
	181630021	3	10/21/2009	12/31/2013			05	170	80	78	0	11		42	170	100	99	93	91	Y	96	170	98	91	94	96	Y	95		78
	181630023	1	1/1/2013	12/31/2013			05															145	100	100	93	97	Y	98		98
	181670018	1	3/19/1999	12/31/2013			05	145	100	90	91	100	Y	95	145	96	100	100	100	Y	99	145	100	100	100	97	Y	99	Y	98
	181670018	3	12/3/2009	12/31/2013			05	170	93	99	100	100	Y	98	170	92	94	99	95	Y	95	170	96	85	89	94	Y	91	Y	95
	181670018	4	1/1/2013	12/31/2013			05															170	89	92	99	92	Y	93		93
	181830003	1	4/7/2010	12/31/2013			05	145	93	87	78	80	Y	84	145	94	90	97	97	Y	94	145	93	97	97	93	Y	95	Y	91
	181830003	3	4/8/2010	12/31/2013			05	170	99	93	98	87	Y	94	170	94	80	67	84		81	170	100	92	98	94	Y	96		90
IOWA																														
	190130008	1	1/15/1999	12/31/2011			07	145	97	100	100	100	Y	99																99
	190130009	1	1/1/2009	12/31/2013			07	145	100	87	100	100	Y	97	145	94	100	100	100	Y	99	145	100	100	100	100	Y	100	Y	99
	190450019	1	7/1/2006	12/31/2013			07	145	95	98	100	97	Y	98	145	100	98	100	97	Y	99	145	93	96	99	95	Y	96	Y	98
	190450021	1	1/27/1999	12/31/2013			07	145	90	91	100	98	Y	95	145	98	92	97	99	Y	97	145	85	90	97	98	Y	93	Y	95
	190550001	1	1/1/2011	12/31/2013			07	145	97	100	100	100	Y	99	145	100	100	100	100	Y	100	145	91	100	100	91	Y	95	Y	98
	191032001	1	1/27/1999	12/31/2013			07	145	85	87	92	93	Y	89	145	89	95	89	87	Y	90	145	92	93	88	86	Y	90	Y	90
	191110008	1	1/3/2007	12/31/2013			07	145	96	90	100	100	Y	97	145	100	97	94	73		91	145	100	87	77	91	Y	89		92
	191130037	1	1/15/1999	12/31/2011			07	145	97	97	100	100	Y	98																98
	191130040	1	1/15/2008	12/31/2013			07	145	100	99	100	98	Y	99	145	100	87	100	99	Y	97	145	97	94	99	92	Y	95	Y	97
	191130040	2	1/1/2013	12/31/2013			07															145	97	90	100	97	Y	96		96
	191370002	1	5/30/2002	12/31/2013			07	145	90	93	84	100	Y	92	145	93	100	100	97	Y	97	145	97	97	97	97	Y	97	Y	95
	191390015	1	4/1/2000	12/31/2013			07	145	98	99	95	95	Y	97	145	96	100	96	90	Y	96	145	92	86	95	89	Y	91	Y	95
	191390015	2	2/9/2013	12/31/2013			07															145	100	100	87	81	Y	91		91
	191390016	1	1/1/2009	12/31/2013			07	145	100	100	100	100	Y	100	145	100	100	97	100	Y	99	145	84	100	100	100	Y	96	Y	98
	191390018	1	1/1/2009	12/31/2013			07	145	97	87	100	97	Y	95	145	100	100	97	100	Y	99	145	100	100	100	97	Y	99	Y	98
	191390020	1	1/1/2011	12/31/2013			07	145	100	93	100	100	Y	98	145	100	100	100	100	Y	100	145	97	100	100	90	Y	97	Y	98
	191471002	1	1/1/2005	12/31/2013			07	145	94	100	97	100	Y	98	145	91	100	100	100	Y	98	145	93	100	100	97	Y	98	Y	98
	191530030	1	1/1/2002	12/31/2013			07	145	98	100	99	99	Y	99	145	94	100	97	100	Y	98	145	97	92	95	98	Y	95	Y	97
	191530030	2	2/4/2013	12/31/2013			07															145	100	93	93	100	Y	96		96
	191532510	1	2/1/1999	12/31/2013			07	145	87	90	84	100	Y	90	145	100	90	90	100	Y	95	145	100	100	90	100	Y	98	Y	94
	191550009	1	7/1/1999	12/31/2013			07	145	100	97	94	97	Y	97	145	97	100	100	100	Y	99	145	100	100	100	100	Y	100	Y	99
	191550009	2	1/1/2013	12/31/2013			07															145	100	93	90	100	Y	96		96
	191630015	1	1/27/1999	12/31/2013			07	145	95	99	98	91	Y	96	145	99	96	95	99	Y	97	145	92	87	79	98	Y	89	Y	94
	191630015	2	2/9/2013	12/31/2013			07															145	100	100	100	93	Y	98		98
	191630018	1	7/1/1999	12/31/2013			07	145	89	97	94	100	Y	95	145	100	100	100	100	Y	100	145	100	100	97	83	Y	95	Y	97
	191630019	1	1/1/2005	12/31/2013			07	145	99	98	81	98	Y	94	145	99	100	65	95		90	145	91	90	82	97	Y	90		91

			Sample Date Range 1*		Sample Date Range 2*			2011 Completeness							2012 Completeness							2013 Completeness							2011-2013	
State	Site	POC	Begin	End	Begin	End	Reg	Meth	Qtr 1 %	Qtr 2 %	Qtr 3 %	Qtr 4 %	All 4 Qtrs 75%	1-Yr %	Meth	Qtr 1 %	Qtr 2 %	Qtr 3 %	Qtr 4 %	All 4 Qtrs 75%	1-Yr %	Meth	Qtr 1 %	Qtr 2 %	Qtr 3 %	Qtr 4 %	All 4 Qtrs 75%	1-Yr %	All Qtrs 75%	3-Yr %
	191630020	1	1/1/2010	12/31/2013			07	145	87	97	100	100	Y	96	145	100	100	100	100	Y	100	145	100	100	100	93	Y	98	Y	98
	191710007	1	4/1/2010	9/30/2011			07	145	75	77	68			73																73
	191770006	1	11/8/2004	12/31/2013			07	145	100	93	87	100	Y	95	145	100	97	90	100	Y	97	145	93	100	100	100	Y	98	Y	97
	191930019	1	1/1/2009	12/31/2013			07	145	100	97	100	100	Y	99	145	100	97	100	100	Y	99	145	97	100	97	100	Y	98	Y	99
KANSAS																														
	200910007	1	1/21/1999	12/31/2013			07	118	97	100	100	100	Y	99	118	87	100	100	90	Y	94	118	93	100	97	97	Y	97	Y	97
	200910010	1	1/1/2004	12/31/2013			07	118	69	97	100	100		91	118	97	93	97	93	Y	95	118	72	87	97	77		83		90
	201070002	1	1/21/1999	1/2/2014			07	118	87	100	93	97	Y	94	118	100	97	100	97	Y	98	118	100	93	97	94	Y	96	Y	96
	201730008	1	1/27/1999	2/1/2013			07	118	100	100	100	100	Y	100	118	100	100	100	100	Y	100	118	46					46		82
	201730009	1	1/27/1999	12/31/2013			07	118	74	100	97	87		89	118	100	100	100	100	Y	100	118	100	97	100	100	Y	99		96
	201730010	1	1/12/1999	12/31/2013			07	118	100	97	88	100	Y	96	118	100	97	100	97	Y	98	118	97	100	93	100	Y	98	Y	97
	201730010	2	1/12/1999	12/31/2013			07	118	100	100	100	100	Y	100	118	100	93	100	100	Y	98	118	100	93	100	100	Y	98	Y	99
	201731012	1	2/3/2013	12/31/2013			07															118	100	87	90	87	Y	90		90
	201770013	1	11/16/2006	12/31/2013			07	118	75	93	97	100	Y	91	118	100	97	94	100	Y	98	118	100	97	100	100	Y	99	Y	96
	201910002	1	11/17/1999	12/31/2013			07	118	100	100	100	93	Y	98	118	100	100	97	100	Y	99	118	100	100	93	100	Y	98	Y	98
	202090021	1	4/27/1999	12/31/2013			07	118	86	87	100	97	Y	92	118	100	100	100	97	Y	99	118	84	97	100	87	Y	92	Y	94
	202090021	2	4/30/1999	12/31/2013			07	118	80	93	100	100	Y	93	118	100	100	94	100	Y	99	118	100	100	100	73		93		95
	202090022	1	4/30/1999	1/16/2013			07	118	82	97	100	77	Y	89	118	100	100	94	100	Y	98	118	100					100		96
KENTUCKY																														
	210130002	1	7/15/1999	12/31/2013			04	118	87	87	80	93	Y	87	118	93	80	100	93	Y	92	118	93	100	100	100	Y	98	Y	92
	210190017	1	1/1/1999	12/31/2013			04	118	97	100	97	100	Y	98	118	100	100	100	97	Y	99	118	100	100	97	90	Y	97	Y	98
	210290006	1	1/1/1999	11/10/2011			04	145	100	97	100	100	Y	99																99
	210373002	1	8/1/2007	12/31/2013			04	145	100	100	93	100	Y	98	145	79	100	97	97	Y	93	145	97	97	93	94	Y	95	Y	95
	210373002	3	8/1/2010	6/20/2012			04	170	99	99	99	94	Y	98	170	99	96				97									98
	210430500	1	1/1/1999	12/31/2013			04	145	100	97	97	100	Y	98	145	97	100	90	90	Y	94	145	88	94	90	100	Y	93	Y	95
	210470006	1	1/1/1999	12/31/2013			04	145	86	97	100	93	Y	94	145	97	100	94	97	Y	97	145	84	97	90	100	Y	93	Y	95
	210590005	1	1/1/2005	12/31/2013			04	145	100	97	90	93	Y	95	145	94	100	90	100	Y	96	145	100	100	100	97	Y	99	Y	97
	210670012	1	1/1/1999	12/31/2013			04	145	96	100	90	97	Y	96	145	90	97	100	100	Y	97	145	97	97	93	93	Y	95	Y	96
	210670014	1	12/21/1998	11/9/2011			04	118	80	97	93	100	Y	92																92
	210730006	1	1/1/1999	11/10/2011			04	145	93	90	97	100	Y	95																95
	210930006	1	1/1/2000	7/6/2012	10/3/2012	12/31/2013	04	145	100	100	80	97	Y	94	145	100	100	100	97	Y	99	145	100	100	97	100	Y	99	Y	97
	210930006	2	12/1/2009	7/6/2012	10/3/2012	12/31/2013	04	145	93	100	93	73		90	145	100	87	0	100		86	145	87	93	93	100	Y	93		90
	210930006	3	9/1/2011	7/6/2012	10/31/2012	8/13/2013	04	170			99	82		86	170	95	84	90	66		83	170	99	84	93			92		87
	211010014	1	4/1/2003	12/31/2013			04	145	97	87	94	100	Y	94	145	97	97	90	100	Y	96	145	81	84	100	94	Y	90	Y	93
	211110043	1	1/1/2002	12/31/2013			04	118	100	100	100	100	Y	100	118	3	0	0	0		1	118	56	97	97	90		85		62
	211110043	2	1/1/2002	12/31/2013			04	118	100	100	88	100	Y	97								118	53	93	100	93		85		91
	211110043	3	8/15/2012	12/31/2013			04								170			83	96		91	170	98	96	96	95	Y	96		94
	211110044	1	6/15/1998	1/15/2014			04	118	99	99	91	99	Y	97	118	2	0	0	0		1	118	56	100	100	90		86		61
	211110051	1	6/15/1998	4/11/2012	4/12/2012	12/31/2013	04	118	100	100	100	87	Y	97								118	49	87	100	90		82		90
	211110051	3	4/17/2012	12/31/2013			04								170		96	99	96		97	170	99	91	98	95	Y	96		97
	211110067	1	1/1/2009	12/31/2013			04	118	100	97	97	100	Y	98	118	3	0	0	0		1	118	56	97	100	93		87		62
	211110067	3	1/24/2011	12/31/2013			04	170	45	95	74	99		78	170	93	99	99	91	Y	96	170	99	95	88	99	Y	95		90
	211451004	1	1/1/1999	8/8/2013			04	145	97	100	97	100	Y	98	145	96	90	97	93	Y	94	145	94	93	79			90		94
	211451024	1	8/11/2013	12/31/2013			04															145			93	97		95		95
	211510003	1	6/15/1998	12/31/2013			04	118	100	97	93	97	Y	97	118	100	100	90	100	Y	98	118	96	100	97	77	Y	92	Y	96
	211930003	1	11/1/2013	12/31/2013			04															118				100		100		100
	211950002	1	1/1/1999	12/31/2013			04	118	100	100	87	100	Y	97	118	90	97	87	100	Y	93	118	100	100	97	91	Y	97	Y	96
	211950002	2	1/1/2006	12/31/2013			04	118	100	100	93	100	Y	98	118	93	100	87	93	Y	93	118	100	100	87	100	Y	97	Y	96
	211950002	3	8/1/2012	12/31/2013			04								170			92	84		87	170	99	92	96	87	Y	94		91
	211990003	1	1/1/2012	12/31/2013			04								145	87	77	71	73		77	145	100	100	90	97	Y	97		87
	211990003	3	10/28/2010	6/24/2011			04	170	99	97				98																98
	212270008	1	9/6/2007	4/30/2012			04	145	94	100	87	77	Y	89	145	94	100				96									93
	212270008	2	9/6/2007	4/30/2012			04	118	93	87	100	93	Y	93	118	100	100				100									97
	212270009	1	5/1/2012	12/31/2013			04								145		85	93	100		94	145	88	100	93	90	Y	93		94
	212270009	2	5/1/2012	12/31/2013			04								118		100	100	93		98	118	100	100	93	87	Y	95		97
LOUISIANA																														
	220170008	1	12/30/2005	12/31/2013			06	118	100	100	93	100	Y	98	118	97	100	87	93	Y	94	118	87	87	93	97	Y	91	Y	94
	220170008	2	12/30/2005	12/31/2013			06	118	78	100	100	89	Y	92	118	83	100	83	100	Y	92	118	78	100	78	100	Y	89	Y	91
	220190009	1	1/1/1999	12/31/2013			06	118	100	100	100	93	Y	98	118	100	97	93	90	Y	95	118	97	100	100	93	Y	98	Y	97
	220190010	1	1/1/1999	12/31/2013			06	118	100	100	100	100	Y	100	118	96	100	97	97	Y	98	118	90	100	100	91	Y	95	Y	98
	220330009	1	1/1/1999	12/31/2013			06	118	100	100	95	98	Y	98	118	99	94	89	95	Y	94	118	100	98	90	95	Y	96	Y	96

			Sample Date Range 1*		Sample Date Range 2*			2011 Completeness							2012 Completeness							2013 Completeness							2011-2013	
State	Site	POC	Begin	End	Begin	End	Reg	Meth	Qtr 1 %	Qtr 2 %	Qtr 3 %	Qtr 4 %	All 4 Qtrs 75%	1-Yr %	Meth	Qtr 1 %	Qtr 2 %	Qtr 3 %	Qtr 4 %	All 4 Qtrs 75%	1-Yr %	Meth	Qtr 1 %	Qtr 2 %	Qtr 3 %	Qtr 4 %	All 4 Qtrs 75%	1-Yr %	All Qtrs 75%	3-Yr %
	220330009	2	1/1/1999	12/31/2013			06	118	100	89	100	89	Y	95	118	83	100	89	78	Y	88	118	100	100	100	89	Y	97	Y	93
	220330009	3	1/10/2011	12/31/2013			06	170	94	95	97	82	Y	92	170	98	99	92	94	Y	96	170	99	99	99	95	Y	98	Y	95
	220470005	1	1/1/1999	12/31/2013			06	118	100	90	90	97	Y	94	118	100	93	100	93	Y	97	118	89	100	97	97	Y	96	Y	96
	220470009	1	1/1/1999	12/31/2013			06	118	94	97	100	100	Y	98	118	100	100	100	97	Y	99	118	100	100	90	90	Y	95	Y	97
	220511001	1	1/1/1999	12/31/2013			06	118	98	99	98	100	Y	99	118	100	96	92	90	Y	95	118	86	100	99	84	Y	92	Y	95
	220512001	1	1/1/1999	12/31/2013			06	118	100	100	100	100	Y	100	118	100	100	88	90	Y	94	118	88	100	100	100	Y	97	Y	97
	220550006	1	1/1/2000	2/10/2011			06	118	100					100																100
	220550007	1	12/12/2005	12/31/2013			06	118	100	100	100	100	Y	100	118	100	100	100	80	Y	95	118	96	100	100	97	Y	98	Y	98
	220730004	1	1/1/1999	12/31/2013			06	118	97	100	97	97	Y	98	118	96	80	100	93	Y	92	118	81	97	90	83	Y	88	Y	93
	220790002	1	5/27/2003	12/31/2013			06	118	100	100	93	93	Y	97	118	100	80	100	83	Y	91	118	100	100	93	100	Y	98	Y	95
	220870007	1	5/1/2006	12/31/2013			06	118	100	93	100	100	Y	98	118	100	100	94	73		92	118	80	100	100	100	Y	95		95
	221050001	1	1/1/1999	12/31/2013			06	118	96	100	100	100	Y	99	118	91	83	94	90	Y	90	118	85	100	93	93	Y	93	Y	94
	221050001	2	1/1/2002	12/31/2013			06	118	100	100	72	100		93	118	100	100	100	89	Y	97	118	50	100	100	100		88		93
	221090001	1	1/1/2000	12/31/2013			06	118	100	100	100	100	Y	100	118	100	97	84	93	Y	94	118	85	97	100	97	Y	95	Y	96
	221210001	1	1/1/1999	12/31/2013			06	118	97	94	82	100	Y	93	118	83	92	84	80	Y	85	118	91	99	100	99	Y	97	Y	92
MAINE																														
	230010011	1	1/1/1999	12/31/2013			01	118	86	100	100	93	Y	95	118	82	90	93	97	Y	91	118	81	93	93	71		85		90
	230010011	4	9/12/2013	12/31/2013			01															170			48	100		87		87
	230030014	1	7/7/2009	12/31/2013			01	118	97	93	91	100	Y	95	118	45	67	94	53		65	118	82	94	100	83	Y	90		83
	230031008	2	6/19/2009	12/31/2013			01	118	100	100	78	50		82	118	78	100	93	97	Y	92	118	84	71	97	77		82		85
	230031011	1	10/1/1997	12/31/2013			01	118	73	83	93	90		85	118	89	90	94	97	Y	92	118	78	83	93	90	Y	86		88
	230050015	1	1/1/1999	12/31/2013			01	118	100	100	100	100	Y	100	118	100	100	87	93	Y	95	118	100	100	93	49		86		94
	230050029	1	1/22/2008	12/31/2013			01	118	91	97	100	93	Y	95	118	100	97	100	93	Y	98	145	65	94	80	87		81		91
	230050029	2	1/31/2008	12/31/2013			01	118	89	100	100	100	Y	97	118	100	100	89	83	Y	93	145	56	100	50	78		71		87
	230050029	3	5/7/2013	12/31/2013			01															170		96	95	85		91		91
	230090103	1	1/1/1999	12/31/2013			01	145	93	100	100	100	Y	98	145	100	100	100	100	Y	100	145	100	93	87	100	Y	95	Y	98
	230090103	2	11/1/2013	12/31/2013			01															170				30		30		30
	230110016	1	1/1/1999	12/31/2013			01	117	100	93	94	100	Y	97	117	100	100	82	93	Y	94	117	80	100	100	82	Y	91	Y	94
	230110016	2	1/1/1999	12/31/2013			01	117	100	100	100	67		92	117	39	78	61	67		61	117	61	100	100	89		88		80
	230172011	1	12/1/1998	12/31/2013			01	117	100	100	94	100	Y	99	117	100	87	87	93	Y	92	117	100	100	87	84	Y	93	Y	95
	230190002	1	1/1/1999	12/31/2013			01	118	97	100	94	100	Y	98	118	100	93	90	100	Y	96	145	100	94	100	63		89		94
	230190002	2	1/1/2013	12/31/2013			01															170	91	98	99	66		89		89
	230210004	1	1/3/2007	6/1/2011			01	118	100	47				73																73
MARYLAND																														
	240031003	1	1/1/1999	12/31/2013			03	118	100	80	91	97	Y	92	118	96	100	97	97	Y	98	118	100	97	90	94	Y	95	Y	95
	240051007	1	1/1/1999	12/31/2013			03	118	91	70	94	93		87	118	91	90	97	90	Y	92	118	100	71	93	97		90		90
	240051007	2	8/22/2008	12/31/2013			03	120	100	67	83	89		85	120	100	87	62	73		81	118	100	60	80	94		84		83
	240053001	1	1/1/1999	12/31/2013			03	118	93	93	100	93	Y	95	118	94	97	97	93	Y	95	118	100	93	80	87	Y	90	Y	93
	240150003	3	7/1/2010	12/31/2013			03	170	98	96	92	92	Y	95	170	96	96	98	98	Y	97	170	95	90	99	95	Y	95	Y	96
	240190004	3	4/1/2012	12/31/2013			03								170		96	80	92		89	170	92	92	97	96	Y	94		92
	240230002	3	7/1/2010	12/31/2013			03	170	94	77	89	83	Y	86	170	85	89	89	76	Y	85	170	69	53	66	88		69		80
	240251001	1	1/1/1999	9/6/2011			03	118	100	80	71			84																84
	240251001	3	9/1/2011	12/31/2013			03	170			95	98		97	170	96	98	92	99	Y	96	170	97	93	99	91	Y	95		96
	240290002	3	7/1/2010	12/31/2013			03	170	86	99	93	98	Y	94	170	96	99	97	96	Y	97	170	96	88	89	87	Y	90	Y	94
	240313001	3	7/1/2010	12/31/2013			03	170	96	97	98	74		91	170	98	98	95	99	Y	97	170	97	95	94	95	Y	95		94
	240330025	1	1/1/2007	12/30/2011			03	118	90	77	94	97	Y	89																89
	240330030	1	7/10/2004	12/31/2013			03	118	100	100	100	97	Y	99	118	100	97	100	100	Y	99	118	97	100	100	100	Y	99	Y	99
	240330030	2	7/31/2010	12/31/2013			03	118	100	100	100	100	Y	100	118	100	100	100	100	Y	100	118	100	100	100	100	Y	100	Y	100
	240330030	3	7/1/2010	12/31/2013			03	170	93	96	92	97	Y	94	170	99	96	98	97	Y	97	170	96	91	81	91	Y	90	Y	94
	240338003	1	5/1/2002	12/31/2013			03	118	97	87	87	97	Y	92	118	75	80	75	83	Y	78	118	78	83	90	84	Y	84	Y	85
	240338003	2	7/1/2002	12/31/2013			03	120	61	100	89	100		88	118	67	53	57	87		66	118	80	73	67	94		79		78
	240430009	3	7/1/2010	12/31/2013			03	170	91	97	93	93	Y	94	170	98	93	96	97	Y	96	170	99	92	99	94	Y	96	Y	95
	245100006	1	1/1/1999	12/30/2011			03	120	91	97	97	87	Y	93																93
	245100007	1	1/1/1999	12/31/2013			03	118	97	93	93	90	Y	93	118	100	100	100	97	Y	99	118	100	97	87	97	Y	95	Y	96
	245100008	1	6/20/2001	12/31/2013			03	118	93	83	97	87	Y	90	118	100	90	84	90	Y	91	118	97	94	93	84	Y	92	Y	91
	245100040	1	1/1/1999	12/31/2013			03	120	84	55	60	77		69	118	91	77	79	85	Y	83	118	78	79	87	88	Y	83		78
	245100040	3	7/1/2010	12/31/2013			03	170	98	96	99	98	Y	98	170	99	97	98	96	Y	97	170	97	84	99	98	Y	95	Y	97
MASSACHUSETTS																														
	250035001	1	1/3/1999	12/31/2013			01	145	94	97	97	100	Y	97	145	100	97	100	100	Y	99	145	100	97	100	100	Y	99	Y	98
	250051004	1	1/1/2003	12/31/2013			01	145	100	90	97	97	Y	96	145	100	97	93	93	Y	96	145	93	97	90	100	Y	95	Y	96
	250092006	1	1/3/1999	12/31/2013			01	145	100	93	91	100	Y	96	145	100	100	100	100	Y	100	145	93	100	97	100	Y	97	Y	98

			Sample Date Range 1*		Sample Date Range 2*			2011 Completeness							2012 Completeness							2013 Completeness							2011-2013	
State	Site	POC	Begin	End	Begin	End	Reg	Meth	Qtr 1 %	Qtr 2 %	Qtr 3 %	Qtr 4 %	All 4 Qtrs 75%	1-Yr %	Meth	Qtr 1 %	Qtr 2 %	Qtr 3 %	Qtr 4 %	All 4 Qtrs 75%	1-Yr %	Meth	Qtr 1 %	Qtr 2 %	Qtr 3 %	Qtr 4 %	All 4 Qtrs 75%	1-Yr %	All Qtrs 75%	3-Yr %
	250095005	1	1/3/1999	12/31/2013			01	145	97	83	100	100	Y	95	145	97	97	100	100	Y	98	145	93	100	90	100	Y	96	Y	96
	250096001	1	4/3/1999	12/31/2013			01	145	97	97	100	100	Y	98	145	96	97	97	100	Y	97	145	100	100	100	100	Y	100	Y	98
	250130008	1	1/1/1999	12/31/2013			01	145	100	100	97	97	Y	98	145	100	97	100	100	Y	99	145	100	100	100	100	Y	100	Y	99
	250130008	2	1/1/2006	12/31/2013			01	145	91	97	90	93	Y	93	145	96	73	87	90		87	145	94	93	93	81	Y	90		90
	250130016	1	1/3/1999	12/31/2013			01	145	100	97	100	100	Y	99	145	100	90	97	90	Y	94	145	100	100	100	100	Y	100	Y	98
	250132009	1	1/1/2002	12/31/2013			01	145	96	100	100	100	Y	99	145	100	97	97	97	Y	98	145	94	100	97	97	Y	97	Y	98
	250170009	1	6/1/2005	12/1/2012			01	142	100	100	100	100	Y	100	142	100	100	100	67		92									96
	250230004	1	1/3/1999	12/31/2013			01	145	100	100	100	100	Y	100	145	100	97	100	100	Y	99	145	82	97	100	93	Y	93	Y	97
	250230004	2	1/3/1999	12/31/2013			01	145	93	100	97	97	Y	97	145	97	90	97	90	Y	93	145	74	97	90	80		85		92
	250230005	1	10/1/2013	12/31/2013			01															145				97		97		97
	250250002	1	1/3/1999	12/31/2013			01	145	100	97	97	100	Y	98	145	97	97	100	100	Y	98	145	100	90	97	97	Y	96	Y	97
	250250027	1	1/3/1999	12/31/2013			01	145	100	90	97	97	Y	96	145	100	100	87	100	Y	97	145	100	100	87	87	Y	93	Y	95
	250250042	1	11/5/2004	12/31/2013			01	145	97	100	97	100	Y	98	145	97	93	97	93	Y	95	145	100	94	93	100	Y	97	Y	97
	250250043	1	4/9/1999	12/31/2013			01	145	100	100	98	100	Y	100	145	100	100	99	98	Y	99	145	100	97	85	99	Y	95	Y	98
	250250043	2	5/1/2005	12/31/2013			01	145	97	100	97	98	Y	98	145	98	94	88	95	Y	94	145	95	90	77	95	Y	89	Y	94
	250250044	1	10/1/2013	12/31/2013			01															145				100		100		100
	250270016	1	10/1/2003	12/31/2013			01	145	100	100	100	100	Y	100	145	97	97	100	100	Y	98	145	100	74	87	100		90		96
	250270023	1	1/1/2004	12/31/2013			01	145	100	100	97	100	Y	99	145	97	97	100	90	Y	96	145	100	100	97	100	Y	99	Y	98
MICHIGAN																														
	260050003	1	10/31/1998	12/31/2013			05	118	97	87	93	100	Y	94	118	100	100	100	100	Y	100	118	93	97	100	100	Y	97	Y	97
	260170014	1	8/24/2000	12/31/2013			05	118	93	97	100	100	Y	97	118	97	93	100	97	Y	97	118	100	93	100	77	Y	93	Y	96
	260210014	1	11/7/1998	12/31/2013			05	118	100	97	97	100	Y	98	118	100	97	93	100	Y	98	118	100	100	97	97	Y	98	Y	98
	260330901	1	6/13/2006	12/31/2013			05	118	58	83	90	90		80	118	94	97	81	100	Y	93	118	80	91	60	84		79		84
	260330901	2	1/1/2011	12/31/2013			05	118	47	87	81	40		64	118	20	87	27	100		58	118	87	87	87	94	Y	89		70
	260330901	3	1/1/2011	1/1/2011	1/1/2012	12/31/2013	05								170	0	83	76	64		56	170	56	64	57	69		62		59
	260490021	1	12/16/1998	12/31/2013			05	118	97	97	97	100	Y	98	118	94	100	100	100	Y	99	118	77	97	100	97	Y	93	Y	97
	260650012	1	11/7/1998	12/31/2013			05	118	97	100	97	90	Y	96	118	94	97	100	100	Y	98	118	87	100	97	83	Y	92	Y	95
	260770008	1	11/19/1998	12/31/2013			05	118	93	93	100	100	Y	97	118	100	100	97	100	Y	99	118	89	94	83	87	Y	88	Y	95
	260770008	2	11/19/1998	12/31/2013			05	118	93	93	100	100	Y	97	118	93	100	87	100	Y	95	118	93	87	87	100	Y	92	Y	95
	260810007	1	1/3/2007	12/31/2013			05	118	100	97	100	100	Y	99	118	100	100	100	100	Y	100	118	97	100	100	100	Y	99	Y	99
	260810020	1	10/23/1998	12/31/2013			05	118	100	100	100	100	Y	100	118	100	100	100	97	Y	99	118	93	100	100	93	Y	97	Y	99
	260810020	2	10/23/1998	12/31/2013			05	118	100	80	100	100	Y	95	118	100	100	100	93	Y	98	118	93	80	100	93	Y	92	Y	95
	260910007	1	4/3/2008	12/31/2013			05	118	89	93	93	100	Y	94	118	100	93	100	93	Y	97	118	94	97	100	97	Y	97	Y	96
	260990009	1	12/22/1998	12/31/2013			05	118	96	100	97	100	Y	98	118	100	100	100	97	Y	99	118	100	100	100	100	Y	100	Y	99
	261010922	1	4/2/2006	12/31/2013			05	118	93	97	91	97	Y	94	118	97	90	97	97	Y	95	118	89	77	93	93	Y	88	Y	92
	261130001	1	2/8/2003	12/31/2013			05	118	91	93	93	87	Y	91	118	100	100	100	90	Y	98	118	100	100	97	100	Y	99	Y	96
	261150005	1	12/17/1999	7/24/2013			05	118	96	97	93	97	Y	96	118	94	100	100	97	Y	98	118	97	90	75			91		95
	261150006	1	8/8/2013	12/31/2013			05															118			100	100		100		100
	261210040	1	12/18/1998	7/22/2013			05	118	97	100	100	97	Y	98	118	93	100	100	100	Y	98	118	97	100	86			97		98
	261250001	1	12/25/1998	12/31/2013			05	118	96	100	100	93	Y	97	118	100	97	100	100	Y	99	118	97	97	100	97	Y	98	Y	98
	261390005	1	11/7/1998	12/31/2013			05	118	97	100	100	100	Y	99	118	100	100	100	100	Y	100	118	96	97	100	100	Y	98	Y	99
	261470005	1	1/3/1999	12/31/2013			05	118	100	100	100	100	Y	100	118	97	100	100	100	Y	99	118	100	100	100	100	Y	100	Y	100
	261610008	1	8/4/1999	12/31/2013			05	118	94	97	90	100	Y	95	118	97	87	94	93	Y	93	118	96	100	100	80	Y	94	Y	94
	261610008	2	8/4/1999	12/31/2013			05	118	93	100	94	100	Y	97	118	93	100	100	100	Y	98	118	100	100	93	93	Y	97	Y	97
	261630001	1	5/12/1999	12/31/2013			05	118	94	100	99	92	Y	96	118	93	100	99	100	Y	98	118	96	95	97	94	Y	95	Y	96
	261630015	1	2/26/1999	12/31/2013			05	118	100	97	90	100	Y	97	118	100	100	100	100	Y	100	118	100	97	100	100	Y	99	Y	99
	261630016	1	5/12/1999	12/31/2013			05	118	100	100	97	100	Y	99	118	97	100	97	97	Y	98	118	96	97	93	84	Y	93	Y	97
	261630019	1	4/30/2000	12/31/2013			05	118	97	93	87	93	Y	93	118	100	100	100	100	Y	100	118	100	94	90	97	Y	95	Y	96
	261630025	1	8/22/1999	12/31/2013			05	118	97	93	100	100	Y	98	118	100	100	100	97	Y	99	118	94	97	83	97	Y	93	Y	97
	261630033	1	2/5/1999	12/31/2013			05	118	100	97	97	93	Y	97	118	100	100	90	97	Y	97	118	94	100	100	94	Y	97	Y	97
	261630033	2	1/11/2010	12/31/2013			05	118	100	100	94	93	Y	97	118	100	93	100	100	Y	98	118	100	100	100	100	Y	100	Y	98
	261630036	1	2/20/1999	12/31/2013			05	118	69	100	87	100		89	118	100	97	97	93	Y	97	118	83	97	97	87	Y	91		92
	261630038	1	12/26/2004	2/5/2013			05	118	88	90	100	100	Y	94	118	100	93	93	97	Y	96	118	50					50		80
	261630039	1	8/26/2005	12/31/2013			05	118	97	99	97	86	Y	95	118	96	98	96	97	Y	97	118	91	97	78	80	Y	87	Y	93
	261630039	3	1/1/2010	12/31/2013			05	170	99	99	92	100	Y	98	170	100	93	95	88	Y	94	170	80	90	93	94	Y	89	Y	94
MINNESOTA																														
	270031002	1	1/1/2010	12/31/2013			05	118	86	100	73	100		90	118	100	100	100	93	Y	98	118	97	97	87	97	Y	94		94
	270031002	3	1/1/2011	12/31/2013			05	170	93	99	96	99	Y	97	170	95	92	99	95	Y	95	170	99	90	99	99	Y	97	Y	96
	270052013	3	1/1/2013	12/31/2013			05															170	91	94	49	90		81		81
	270210001	1	1/3/2003	12/31/2013			05	117	73	87	62	0		56	117	0	0	87	40		32									44
	270210001	2	1/3/2003	12/31/2013			05	117	73	93	73	0		60	117	0	0	70	40		28									44

			Sample Date Range 1*		Sample Date Range 2*			2011 Completeness							2012 Completeness							2013 Completeness							2011-2013	
State	Site	POC	Begin	End	Begin	End	Reg	Meth	Qtr 1 %	Qtr 2 %	Qtr 3 %	Qtr 4 %	All 4 Qtrs 75%	1-Yr %	Meth	Qtr 1 %	Qtr 2 %	Qtr 3 %	Qtr 4 %	All 4 Qtrs 75%	1-Yr %	Meth	Qtr 1 %	Qtr 2 %	Qtr 3 %	Qtr 4 %	All 4 Qtrs 75%	1-Yr %	All Qtrs 75%	3-Yr %
	270353204	3	1/1/2013	12/31/2013			05															170	99	98	94	100	Y	98		98
	270370470	1	10/3/2000	12/31/2013			05	118	97	93	73	100		91	118	82	87	100	83	Y	88	118	100	100	90	100	Y	98		92
	270370470	3	1/1/2013	12/31/2013			05															170	99	99	99	98	Y	99		99
	270530909	3	1/1/2013	12/31/2013			05															170	99	96	93	99	Y	97		97
	270530962	3	10/1/2013	12/31/2013			05															170				97		97		97
	270530963	1	1/7/2001	12/31/2013			05	118	97	100	70	100		92	118	94	100	97	100	Y	98	118	97	97	100	100	Y	98		96
	270530963	3	7/1/2011	12/31/2013			05	170			93	94		93	170	99	93	95	86	Y	93	170	99	99	98	99	Y	99		95
	270532006	1	4/24/1999	12/31/2013			05	118	100	100	73	100		93	118	97	100	100	100	Y	99	118	97	100	100	100	Y	99		97
	270750005	3	1/1/2013	12/31/2013			05															170	98	64	94	99		89		89
	270834210	3	3/1/2011	12/31/2013			05	170	83	99	94	98	Y	96	170	97	93	99	99	Y	97	170	99	97	96	96	Y	97	Y	97
	271095008	1	1/1/2013	12/31/2013			05															118	87	97	93	94	Y	93		93
	271095008	3	1/1/2011	12/31/2013			05	170	95	98	93	97	Y	96	170	91	95	98	98	Y	96	170	98	96	98	98	Y	98	Y	97
	271230868	1	3/31/1999	12/31/2013			05	118	90	90	70	93		86	118	93	93	100	100	Y	97	118	90	87	100	100	Y	94		92
	271230871	1	4/24/1999	12/31/2013			05	118	100	100	70	93		91	118	97	97	100	93	Y	97	118	93	97	100	100	Y	97		95
	271230871	2	4/27/2001	12/31/2013			05	118	100	100	78	100	Y	94	118	89	100	100	100	Y	97	118	100	83	100	89	Y	93	Y	95
	271230871	3	1/1/2011	12/31/2013			05	170	96	94	91	100	Y	95	170	98	85	99	93	Y	94	170	99	100	99	99	Y	99	Y	96
	271230871	4	7/1/2011	12/31/2013			05	170			50	96		73	170	98	82	99	93	Y	93	170	99	99	99	94	Y	98		88
	271377001	1	5/30/1999	12/31/2012			05	118	93	93	83	100	Y	92	118	94	100	100	97	Y	98									95
	271377001	3	1/1/2013	12/31/2013			05															170	97	94	97	89	Y	94		94
	271377550	1	5/6/1999	12/31/2013			05	118	96	90	77	97	Y	90	118	100	77	93	100	Y	93	118	100	97	100	97	Y	98	Y	94
	271377550	2	6/5/1999	12/31/2013			05	118	72	67	78	83		75	118	100	100	100	100	Y	100	118	89	100	100	67		89		88
	271377551	1	1/1/2000	12/31/2011			05	118	97	97	67	97		89																89
	271377551	3	7/1/2011	12/31/2011			05	170			100	99		100																100
	271377554	1	1/1/2012	12/31/2013			05								118	100	77	90	97	Y	91	118	100	100	100	97	Y	99		95
	271377554	3	1/1/2012	12/31/2013			05								170	86	92	98	94	Y	93	170	99	98	99	86	Y	96		95
	271390505	1	1/1/2000	12/31/2013			05	118	90	93	80	100	Y	91	118	100	100	97	97	Y	98	118	100	100	100	97	Y	99	Y	96
	271453052	3	1/1/2011	12/31/2013			05	170	95	99	93	92	Y	95	170	99	96	93	94	Y	96	170	99	96	91	96	Y	96	Y	96
	271630447	3	2/14/2012	12/31/2013			05								170	99	99	99	100	Y	99	170	100	93	92	99	Y	96		98
	271630448	1	2/14/2012	12/31/2013			05								142	50	67	78	100		76	142	100	67	61	67		74		75
	271630448	3	2/14/2012	12/31/2013			05								170	94	100	77	99	Y	92	170	100	99	89	98	Y	96		94
	271713201	3	1/1/2013	12/31/2013			05															170	99	97	98	93	Y	97		97
MISSISSIPPI																														
	280330002	1	2/14/1999	12/31/2013			04	118	75	100	84	100	Y	90	118	100	100	97	53		88	118	97	100	80	88	Y	91		90
	280330002	2	1/1/2013	12/31/2013			04															118	20	60	60	89		57		57
	280350004	1	3/7/1999	12/31/2013			04	118	93	97	100	100	Y	98	118	96	93	72	83		86	118	94	87	80	75	Y	84		89
	280350004	2	1/1/2013	12/31/2013			04															118	33	93	73	89		72		72
	280430001	1	12/1/2001	12/31/2013			04	118	85	93	78	97	Y	88	118	100	97	100	80	Y	94	118	90	84	83	75	Y	83	Y	88
	280450003	1	6/1/2005	12/31/2013			04	118	87	87	97	100	Y	93	118	100	97	85	77	Y	90	118	100	100	87	88	Y	94	Y	92
	280470008	1	4/3/1999	12/31/2013			04	118	93	87	100	93	Y	93	118	100	100	94	87	Y	95	118	100	100	77	85	Y	90	Y	93
	280490010	1	2/14/1999	12/31/2013			04	118	97	97	97	93	Y	96	118	79	70	100	87		84	118	97	90	97	78	Y	90		90
	280490019	1	10/1/2009	7/1/2012			04	118	78	90	78	83	Y	82	118	79	63	0			61									72
	280490019	3	2/1/2011	7/1/2012			04	581	100	96	100	100	Y	99	581	100	100	0			86									93
	280490020	1	7/1/2013	12/31/2013			04															118			93	81		87		87
	280590006	1	2/14/1999	12/31/2013			04	118	97	83	97	100	Y	94	118	87	93	88	67		84	118	88	83	73	85		82		87
	280670002	1	3/7/1999	12/31/2012			04	118	100	93	91	100	Y	96	118	97	90	94	87	Y	92									94
	280670002	2	1/1/2011	12/31/2012			04	118	67	87	78	100		83	118	93	87	81	73		84									84
	280750003	1	4/3/1999	12/31/2012			04	118	100	100	94	83	Y	94	118	76	73	97	90		84									89
	280810005	1	2/14/1999	12/31/2012			04	118	85	97	91	97	Y	92	118	100	100	97	93	Y	98									95
	280810005	2	1/1/2011	12/31/2012			04	118	80	93	100	87	Y	90	118	100	87	93	80	Y	90									90
MISSOURI																														
	290210005	3	10/1/2009	3/31/2011			07	181	90					90																90
	290210005	4	2/15/2011	12/31/2013			07	182	0	85	25	87		54	182	98	95	98	65		89	182	99	98	96	82	Y	94		79
	290210005	5	11/1/2012	12/31/2013			07								182				95		95	182	86	86	99	90	Y	90		93
	290370003	3	12/1/2009	7/19/2012			07	181	66	83	98	99		87	181	99	95	91			96									92
	290370003	4	7/20/2012	12/31/2013			07								182			97	96		97	182	96	90	74	96		89		93
	290390001	3	10/1/2009	9/19/2012			07	181	66	96	88	92		85	181	99	99	96			98									92
	290390001	4	9/20/2012	12/31/2013			07								182			99	56		67	182	76	97	98	98	Y	92		80
	290470005	3	10/1/2009	2/29/2012			07	181	91	99	94	99	Y	96	181	95					95									96
	290470005	4	3/1/2012	12/31/2013			07								182	96	95	96	98	Y	96	182	97	98	98	97	Y	98		97
	290770032	1	1/3/1999	9/30/2011			07	118	100	100	97			99																99
	290770032	2	1/3/1999	9/30/2011			07	118	100	100	94			98																98

			Sample Date Range 1*		Sample Date Range 2*			2011 Completeness							2012 Completeness							2013 Completeness							2011-2013	
State	Site	POC	Begin	End	Begin	End	Reg	Meth	Qtr 1 %	Qtr 2 %	Qtr 3 %	Qtr 4 %	All 4 Qtrs 75%	1-Yr %	Meth	Qtr 1 %	Qtr 2 %	Qtr 3 %	Qtr 4 %	All 4 Qtrs 75%	1-Yr %	Meth	Qtr 1 %	Qtr 2 %	Qtr 3 %	Qtr 4 %	All 4 Qtrs 75%	1-Yr %	All Qtrs 75%	3-Yr %
	290770032	4	5/1/2011	12/31/2013			07	182		79	90	98		90	182	99	92	82	98	Y	93	182	92	96	97	98	Y	96		93
	290950034	1	2/2/2003	12/31/2013			07	118	100	100	97	93	Y	98	118	100	97	100	100	Y	99	145	100	88	93	97	Y	95	Y	97
	290950034	3	10/1/2009	4/9/2013			07	181	99	99	99	99	Y	99	181	99	94	98	96	Y	97	181	96	88				94		97
	290950034	4	4/10/2013	12/31/2013			07															182		69	99	99		89		89
	290950042	4	7/1/2013	12/31/2013			07															182			91	98		95		95
	290990019	3	10/1/2009	12/31/2011			07	181	98	99	99	99	Y	99																99
	290990019	4	1/1/2012	12/31/2013			07								182	76	88	98	84	Y	86	182	98	80	88	90	Y	89		88
	291893001	3	7/1/2009	12/13/2012			07	181	99	96	74	91		90	181	91	99	96	95	Y	95									93
	291893001	4	12/14/2012	12/31/2013			07								182				66		66	182	98	98	99	99	Y	98		82
	295100007	1	1/1/1999	9/30/2011			07	118	100	100	93			98																98
	295100007	4	4/7/2011	12/31/2013			07	182		87	39	99		75	182	98	98	99	98	Y	98	182	99	97	98	82	Y	94		89
	295100085	1	3/30/1999	12/31/2013			07	118	97	100	96	96	Y	97	118	96	93	99	99	Y	97	145	98	98	95	95	Y	96	Y	97
	295100085	2	3/30/1999	12/31/2013			07	118	100	100	100	100	Y	100	118	100	100	100	83	Y	96	145	100	100	100	100	Y	100	Y	99
	295100085	4	1/1/2011	12/31/2013			07	182	93	92	98	93	Y	94	182	86	98	97	99	Y	95	182	91	98	98	99	Y	97	Y	95
	295100093	1	7/16/2007	12/31/2011			07	118	100	100	100	100	Y	100																100
	295100093	4	4/11/2011	12/31/2013			07	182		0	0	31		10	182	86	60	99	65		77	182	99	85	95	99	Y	94		60
	295100094	4	1/1/2013	12/31/2013			07															182	94	92	96	97	Y	95		95
MONTANA																														
	300270006	3	10/1/2012	12/31/2013			08								183				91		91	183	97	98	98	90	Y	96		94
	300290007	1	4/3/2008	8/26/2011			08	116	100	100	95			99																99
	300290009	3	5/7/2010	7/14/2011			08	170	99	97	87			97																97
	300290047	3	5/7/2010	7/14/2011			08	170	100	99	52			93																93
	300290049	3	8/27/2011	12/31/2013			08	170			99	99		99	170	98	98	93	95	Y	96	170	94	99	98	95	Y	96		97
	300310008	1	1/1/2000	6/30/2011			08	116	78	63				71																71
	300310016	3	7/1/2008	6/1/2011			08	170	98	66				82																82
	300310018	1	11/11/2008	6/30/2011			08	116	78	57				68																68
	300490004	1	1/3/2011	12/31/2013			08	116	97	90	97	100	Y	96	116	100	97	100	97	Y	98	116	97	97	100	87	Y	95	Y	96
	300490004	3	1/1/2011	12/31/2013			08	170	88	92	95	99	Y	94	170	97	95	99	98	Y	97	170	93	98	80	94	Y	91	Y	94
	300490026	2	8/5/2009	12/31/2013			08	116	100	100	100	100	Y	100	116	100	100	88	100	Y	97	116	93	87	100	56		84		94
	300490026	3	8/4/2009	12/31/2013			08	170	99	99	99	99	Y	99	170	99	98	95	99	Y	98	183	98	94	99	98	Y	97	Y	98
	300530018	1	1/1/1999	8/12/2011			08	116	100	100	70			93																93
	300530018	2	1/1/2002	8/12/2011			08	116	89	100	84			92																92
	300530018	3	8/11/2011	12/31/2013			08	170			93	46		65	170	98	99	98	95	Y	97	170	99	99	98	94	Y	97		86
	300630024	3	11/15/2008	12/31/2013			08	170	99	92	99	99	Y	97	170	99	90	99	96	Y	96	170	99	98	99	94	Y	98	Y	97
	300630024	4	11/15/2008	12/31/2013			08	170	99	91	94	98	Y	95	170	98	84	99	74		89	170	93	99	86	95	Y	93		92
	300630031	1	1/1/1999	8/14/2011			08	116	93	97	90			94																94
	300630031	2	4/8/2002	8/14/2011			08	116	89	89	100			92																92
	300630037	3	10/1/2009	12/31/2013			08	170	99	79	99	97	Y	94	170	100	96	100	96	Y	98	170	99	100	100	96	Y	99	Y	97
	300710010	3	10/1/2012	12/31/2013			08								183				97		97	183	98	99	98	98	Y	98		98
	300750001	3	1/1/2010	12/31/2013			08	170	92	84	80	75	Y	83	170	37	84	95	92		77	170	97	90	97	90	Y	94		85
	300810007	3	7/1/2008	12/31/2013			08	170	99	99	100	96	Y	99	170	97	99	99	86	Y	95	170	98	98	93	87	Y	94	Y	96
	300830001	3	10/10/2008	12/31/2013			08	170	94	98	98	96	Y	96	170	99	97	98	95	Y	97	170	99	93	95	90	Y	94	Y	96
	300870001	3	2/5/2010	12/31/2013			08	170	92	40	97	90		80	170	96	93	92	98	Y	95	170	98	94	87	79	Y	90		88
	300890007	1	1/1/2000	6/30/2011			08	116	90	87				88																88
	300930005	2	10/6/2012	12/31/2013			08								116				89		89	116	100	83	100	100	Y	96		93
	300930005	3	3/19/2010	12/31/2013			08	170	99	86	99	94	Y	94	170	98	98	99	98	Y	98	170	97	99	99	95	Y	97	Y	96
NEBRASKA																														
	310550019	1	1/1/2011	12/31/2013			07	170	94	98	96	100	Y	97	170	96	87	97	100	Y	95	170	100	94	100	96	Y	98	Y	97
	310550019	2	1/1/2011	12/31/2013			07	145	93	87	93	100	Y	93	145	93	100	87	93	Y	93	145	93	93	100	97	Y	96	Y	94
	310550052	1	1/1/1999	12/31/2013			07	145	90	93	94	83	Y	90	145	97	90	94	83	Y	91	145	93	87	93	90	Y	91	Y	91
	310790004	1	5/9/2004	12/31/2013			07	145	100	100	100	93	Y	98	145	97	93	100	100	Y	98	145	100	97	93	83	Y	93	Y	96
	311090022	1	1/1/1999	12/31/2013			07	145	93	100	97	80	Y	93	145	94	93	100	97	Y	96	145	93	94	100	94	Y	95	Y	95
	311090022	2	1/1/1999	12/31/2013			07	145	100	100	100	100	Y	100	145	100	89	100	100	Y	97	145	100	100	100	100	Y	100	Y	99
	311530007	3	7/1/2010	12/31/2013			07	170	99	89	99	96	Y	96	170	94	86	89	99	Y	92	170	95	91	84	84	Y	89	Y	92
	311570004	1	5/13/2009	12/31/2013			07	145	45	70	58	83		64	145	94	70	74	83		80	145	70	71	77	73		73		72
	311770002	1	4/6/1999	12/31/2013			07	145	86	97	91	100	Y	93	145	89	93	97	90	Y	92	145	94	100	100	87	Y	95	Y	93
NEVADA																														
	320030298	3	10/3/2013	12/31/2013			09															183				99		99		99
	320030540	1	10/2/2010	12/31/2013			09	155	97	100	100	100	Y	99	155	100	97	97	90	Y	96	155	100	100	90	100	Y	98	Y	98
	320030540	3	1/1/2012	12/31/2013			09								170	99	99	98	98	Y	98	170	96	90	94	99	Y	95		97
	320030540	4	7/3/2013	9/28/2013			09															118			73			73		73

			Sample Date Range 1*		Sample Date Range 2*			2011 Completeness							2012 Completeness							2013 Completeness							2011-2013	
State	Site	POC	Begin	End	Begin	End	Reg	Meth	Qtr 1 %	Qtr 2 %	Qtr 3 %	Qtr 4 %	All 4 Qtrs 75%	1-Yr %	Meth	Qtr 1 %	Qtr 2 %	Qtr 3 %	Qtr 4 %	All 4 Qtrs 75%	1-Yr %	Meth	Qtr 1 %	Qtr 2 %	Qtr 3 %	Qtr 4 %	All 4 Qtrs 75%	1-Yr %	All Qtrs 75%	3-Yr %
	320030561	1	4/14/2004	12/31/2013			09	155	97	100	100	97	Y	98	155	90	100	67	83		85	118	77	87	93	97	Y	89		91
	320030561	2	4/14/2004	12/31/2013			09	155	100	100	100	100	Y	100	155	100	100	68	67		84	118	33	73	67	100		68		84
	320030561	3	10/3/2012	12/31/2013			09								183				98		98	183	89	92	98	99	Y	95		97
	320031019	1	1/1/1999	12/31/2013			09	155	94	97	87	87	Y	91	155	80	97	97	87	Y	90	118	63	90	90	93		84		88
	320031019	3	4/5/2013	12/31/2013			09															183		96	97	96		96		96
	320032002	3	12/19/2012	12/31/2013			09								183				100		100	183	98	99	99	99	Y	99		100
	320038000	1	3/15/2013	12/31/2013			09															170	100	92	96	77	Y	90		90
	320050007	1	4/1/2013	12/31/2013			09															170		99	99	100		99		99
	320310016	1	1/1/1999	12/31/2013			09	142	100	97	97	100	Y	98	142	100	93	100	100	Y	98	142	97	100	100	100	Y	99	Y	98
	320310016	2	1/1/1999	12/31/2013			09	142	100	100	94	100	Y	99	142	100	100	100	100	Y	100	142	100	100	100	100	Y	100	Y	100
	320310016	3	12/16/2010	12/31/2013			09	170	100	99	99	99	Y	99	170	98	99	99	98	Y	99	170	99	100	98	96	Y	98	Y	99
	320310022	1	1/1/2013	12/31/2013			09															170	98	99	99	96	Y	98		98
	320311005	1	1/1/2012	12/31/2013			09								170	99	100	99	97	Y	99	170	85	99	99	95	Y	95		97
	325100020	1	4/1/2013	12/31/2013			09															170		99	99	100		99		99
	325100020	2	4/1/2013	12/31/2013			09															116		93	100	94		96		96
NEW HAMPSHIRE																														
	330012004	1	4/1/2001	12/31/2013			01	116	100	100	87	87	Y	93	142	93	93	100	87	Y	93	142	100	93	100	100	Y	98	Y	95
	330050007	1	1/1/1999	12/31/2013			01	116	100	100	93	93	Y	97	142	89	100	100	100	Y	97	142	89	100	100	100	Y	97	Y	97
	330050007	3	10/1/2008	12/31/2013			01	170	98	95	77	93	Y	91	170	79	96	93	78	Y	87	170	98	94	93	96	Y	95	Y	91
	330090010	1	1/1/2011	12/31/2013			01	116	89	100	100	100	Y	97	142	100	100	100	100	Y	100	142	100	100	100	72		93		97
	330090010	3	12/1/2008	12/31/2013			01	170	94	96	77	99	Y	91	170	90	98	98	80	Y	92	170	96	96	99	95	Y	96	Y	93
	330111015	1	1/1/2005	12/31/2013			01	116	93	100	100	87	Y	95	143	93	93	100	100	Y	97	142	93	100	93	100	Y	97	Y	96
	330115001	1	1/1/2011	12/31/2013			01	118	97	93	97	93	Y	95	145	91	97	94	90	Y	93	145	90	97	90	80	Y	89	Y	92
	330115001	3	1/1/2011	12/31/2013			01	170	0	57	55	62		44	170	99	97	94	99	Y	97	170	95	99	90	94	Y	94		78
	330131006	1	1/1/2004	12/31/2013			01	116	93	100	93	100	Y	97	142	100	97	100	97	Y	98	142	97	100	100	100	Y	99	Y	98
	330131006	2	1/1/2006	12/31/2013			01	116	93	93	93	93	Y	93	142	100	80	93	93	Y	92	142	100	100	100	94	Y	99	Y	95
	330131006	4	7/1/2013	12/31/2013			01															142			33	28		31		31
	330150014	1	5/1/2001	12/31/2013			01	116	100	89	100	100	Y	97	142	100	100	100	100	Y	100	142	100	100	100	100	Y	100	Y	99
	330150014	3	2/1/2010	12/31/2013			01	170	98	99	82	97	Y	94	170	98	57	0	76		58	170	88	95	67	28		70		74
	330150014	6	2/1/2010	9/11/2013	9/12/2013	12/4/2013	01															204	0	0	21	59		20		20
	330150018	1	1/1/2011	12/31/2013			01	118	93	100	94	93	Y	95	145	100	90	90	97	Y	94	142	97	97	100	94	Y	97	Y	95
	330150018	3	1/1/2011	12/31/2013			01	170	99	91	89	0		70	170	76	99	91	99	Y	91	170	93	99	92	99	Y	96		86
	330150018	4	7/1/2013	12/31/2013			01															142			33	33		33		33
NEW JERSEY																														
	340010006	1	1/1/2007	12/31/2013			02	118	90	90	97	100	Y	94	118	100	100	97	93	Y	98	118	100	100	97	94	Y	98	Y	97
	340011006	1	7/27/2001	12/31/2013			02	118	100	93	78	97	Y	92	118	100	97	100	70		92	118	90	87	93	93	Y	91		92
	340030003	1	1/1/1999	12/31/2013			02	118	90	100	87	90	Y	92	118	100	100	100	80	Y	95	118	100	100	97	97	Y	98	Y	95
	340070002	1	4/21/2012	12/31/2013			02								118		90	70	80		80	118	94	91	87	93	Y	91		86
	340071007	1	1/1/1999	12/31/2013			02	118	100	97	97	97	Y	98	118	97	97	100	97	Y	98	118	94	100	97	87	Y	95	Y	97
	340130003	1	6/1/2009	12/31/2013			02	118	94	100	90	100	Y	96	118	97	93	97	93	Y	95	118	97	90	97	100	Y	96	Y	96
	340150004	1	2/2/2007	12/31/2013			02	118	97	100	94	93	Y	96	118	100	97	100	100	Y	99	118	100	97	100	97	Y	98	Y	98
	340171003	1	1/1/1999	12/31/2013			02	118	87	93	88	100	Y	92	118	99	99	99	96	Y	98	118	92	94	79	81	Y	87	Y	92
	340171003	2	12/8/1999	12/31/2013			02	117	87	93	93	100	Y	93	117	100	80	87	87	Y	88	117	67	93	93	88		85		89
	340172002	1	7/24/2005	12/31/2013			02	118	90	100	97	90	Y	94	118	97	100	100	77	Y	93	118	100	100	100	84	Y	96	Y	94
	340210008	1	1/1/1999	12/31/2013			02	118	97	96	91	99	Y	96	118	100	99	100	100	Y	100	118	99	98	89	100	Y	97	Y	98
	340218001	1	1/1/1999	12/31/2013			02	118	84	90	88	93	Y	89	118	91	100	100	77	Y	92	118	84	100	93	91	Y	92	Y	91
	340230006	1	1/1/1999	12/31/2013			02	118	97	90	90	100	Y	94	118	91	93	87	73		86	118	94	94	93	94	Y	94		91
	340270004	1	5/30/1999	12/31/2013			02	118	93	97	82	97	Y	92	118	100	97	94	100	Y	98	118	100	100	100	100	Y	100	Y	97
	340273001	1	1/1/1999	12/31/2013			02	118	96	87	78	93	Y	89	118	100	97	100	83	Y	95	118	97	93	97	94	Y	95	Y	93
	340292002	1	2/11/1999	12/31/2013			02	118	84	94	89	98	Y	91	118	99	93	98	82	Y	93	118	97	97	95	100	Y	97	Y	94
	340310005	1	1/1/1999	12/31/2013			02	118	97	93	68	97		89	118	97	100	93	97	Y	97	118	100	100	100	100	Y	100		95
	340390004	1	1/1/1999	12/31/2013			02	118	95	91	84	93	Y	91	118	94	83	96	88	Y	90	118	96	93	90	94	Y	93	Y	91
	340390004	2	1/1/1999	12/31/2013			02	117	93	87	100	80	Y	90	117	80	93	100	93	Y	92	117	93	93	100	100	Y	97	Y	93
	340390004	3	1/1/2010	6/9/2013			02	117	80	93	89	100	Y	91	117	100	93	63	87		86	117	87	93				90		89
	340390006	1	1/1/1999	12/31/2013			02	118	83	100	88	90	Y	90	118	100	100	100	83	Y	96	118	97	93	93	97	Y	95	Y	94
	340392003	1	12/11/1999	12/31/2013			02	118	100	100	84	100	Y	96	118	100	100	94	90	Y	96	118	97	100	97	94	Y	97	Y	96
	340410006	1	8/10/1999	12/31/2013			02	118	90	90	87	97	Y	91	118	97	93	87	87	Y	91	118	94	100	100	87	Y	95	Y	92
	340410007	1	9/26/2010	12/31/2013			02	118	100	93	94	100	Y	97	118	100	100	100	97	Y	99	118	84	100	90	91	Y	91	Y	96
NEW MEXICO																														
	350010023	1	2/3/1999	12/31/2013			06	118	83	100	96	89	Y	92	118	100	98	99	97	Y	98	170	92	96	89	89	Y	92	Y	94
	350010023	2	1/5/2000	12/31/2013			06	118	53	93	73	80		75	118	87	47	87	100		80	118	93	87	93	93	Y	92		82

			Sample Date Range 1*		Sample Date Range 2*			2011 Completeness							2012 Completeness							2013 Completeness							2011-2013	
State	Site	POC	Begin	End	Begin	End	Reg	Meth	Qtr 1 %	Qtr 2 %	Qtr 3 %	Qtr 4 %	All 4 Qtrs 75%	1-Yr %	Meth	Qtr 1 %	Qtr 2 %	Qtr 3 %	Qtr 4 %	All 4 Qtrs 75%	1-Yr %	Meth	Qtr 1 %	Qtr 2 %	Qtr 3 %	Qtr 4 %	All 4 Qtrs 75%	1-Yr %	All Qtrs 75%	3-Yr %
	350010024	1	2/3/1999	6/30/2013			06	118	91	99	88	86	Y	91	118	99	92	91	98	Y	95	118	95	99				97		94
	350010024	3	7/1/2013	12/31/2013			06															170			92	96		94		94
	350010029	1	12/7/2012	12/31/2013			06								170				96		96	170	98	93	91	91	Y	93		95
	350050005	1	1/1/1999	7/13/2011			06	118	89	87	100			90																90
	350130025	1	1/1/2001	12/31/2013			06	118	78	93	77	87	Y	84	118	78	90	84	63		79	118	87	77	83	65		78		80
	350171002	1	1/1/1999	7/12/2011			06	118	84	93	75			87																87
	350250008	1	2/11/2005	12/31/2013			06	118	54	100	94	93		85	118	74	97	83	87		85	118	78	94	93	84	Y	87		86
	350450019	1	10/1/2008	12/31/2013			06	118	90	97	84	90	Y	90	118	85	100	83	83	Y	88	118	97	94	100	97	Y	97	Y	92
	350450019	2	10/1/2008	12/31/2013			06	118	60	87	94	90		83	118	94	100	65	80		85	118	72	44	61	89		67		78
	350490020	1	1/1/1999	12/31/2013			06	118	88	87	81	80	Y	84	118	97	97	97	93	Y	96	118	100	100	87	91	Y	94	Y	91
NEW YORK																														
	360010005	1	1/1/1999	12/31/2013			02	118	98	89	93	93	Y	93	118	91	90	97	87	Y	91	118	96	87	87	97	Y	92	Y	92
	360010005	2	1/1/1999	12/31/2013			02	118	93	100	71	93		89	118	97	93	85	100	Y	94	118	85	94	97	93	Y	92		92
	360010012	1	1/13/2008	12/31/2013			02	118	73	77	78	77		76	118	78	93	87	87	Y	86	118	74	85	97	83		85		82
	360050080	1	1/1/1999	6/26/2012			02	118	83	87	91	100	Y	90	118	97	67				82									86
	360050110	1	6/29/2012	12/31/2013			02								118		100	100	90		96	118	100	100	100	100	Y	100		98
	360050133	1	1/1/2008	12/31/2013			02	118	97	100	100	100	Y	99	118	97	100	100	97	Y	98	118	100	100	93	100	Y	98	Y	98
	360130006	1	4/4/2013	12/31/2013			02															118		87	77	90		85		85
	360130011	1	1/1/1999	4/7/2013			02	118	89	97	100	93	Y	95	118	88	93	100	90	Y	93	118	43	100				57		82
	360290002	1	4/4/2013	12/31/2013			02															118		58	73	93		75		75
	360290005	1	1/1/1999	12/31/2013			02	118	95	92	81	92	Y	90	118	97	97	93	97	Y	96	118	96	94	100	90	Y	95	Y	94
	360310003	1	7/1/1999	12/31/2013			02	118	93	80	94	93	Y	90	118	80	73	88	93		84	118	93	100	93	100	Y	97		90
	360470122	1	1/1/2001	12/31/2013			02	118	87	97	100	83	Y	92	118	90	90	100	83	Y	91	118	76	97	100	100	Y	93	Y	92
	360551007	1	8/1/2004	12/31/2013			02	118	71	37	97	97		75	118	84	97	97	60		85	118	97	100	93	93	Y	96		85
	360590008	1	1/1/1999	12/31/2011			02	118	97	97	93	87	Y	93																93
	360610079	1	1/1/2000	12/31/2013			02	118	97	53	100	100		88	118	94	97	97	87	Y	94	118	82	97	97	93	Y	92		91
	360610079	2	1/1/2006	12/31/2013			02	118	90	73	100	100		91	118	97	100	100	90	Y	97	118	81	97	100	100	Y	95		94
	360610128	1	10/1/2001	12/31/2013			02	118	86	90	94	100	Y	93	118	87	93	100	80	Y	90	118	100	100	100	72		93		92
	360610134	1	3/25/2007	12/31/2013			02	118	93	100	80	87	Y	90	118	100	97	100	90	Y	97	118	100	64	77	100		85		91
	360632008	1	1/1/1999	4/2/2013			02	118	76	0	87	73		59	118	85	50	87	97		80	118	73	100				80		73
	360671015	1	1/1/1999	12/31/2013			02	118	87	90	94	97	Y	92	118	84	97	100	97	Y	94	118	87	94	93	100	Y	93	Y	93
	360710002	1	12/31/1999	12/31/2013			02	118	97	93	93	100	Y	96	118	100	93	74	97		91	118	96	100	73	100		92		93
	360810124	1	1/1/2001	12/31/2013			02	118	91	63	76	98		82	118	100	77	90	95	Y	90	118	83	96	90	96	Y	91		88
	360850055	1	9/1/1999	12/31/2013			02	118	58	100	97	93		87	118	81	100	87	87	Y	89	118	89	80	87	83	Y	85		87
	360850067	1	1/1/1999	12/29/2011			02	118	93	97	100	93	Y	96																96
	361010003	1	8/1/1999	12/31/2013			02	118	84	87	97	77	Y	86	118	97	87	94	90	Y	92	118	93	58	97	97		86		88
	361030002	1	1/1/2006	12/31/2013			02	118	90	97	97	97	Y	95	118	100	97	100	83	Y	95	118	94	94	97	100	Y	96	Y	95
	361191002	1	2/1/2000	12/31/2011			02	118	100	100	100	100	Y	100																100
NORTH CAROLINA																														
	370010002	1	1/1/1999	12/31/2013			04	118	100	97	100	100	Y	99	118	87	100	100	100	Y	97	118	100	100	100	100	Y	100	Y	99
	370210034	1	1/1/1999	12/31/2013			04	118	100	97	100	97	Y	98	118	97	100	100	97	Y	98	118	100	100	100	100	Y	100	Y	99
	370210034	2	1/1/1999	12/31/2013			04	118	100	100	94	87	Y	95	118	100	93	100	93	Y	97	118	100	100	100	100	Y	100	Y	97
	370330001	1	1/1/1999	12/31/2013			04	118	100	100	100	100	Y	100	118	100	100	100	100	Y	100	118	87	100	100	100	Y	97	Y	99
	370330001	3	3/9/2012	12/31/2013			04								170	67	89	95	98		91	170	98	94	98	99	Y	97		94
	370350004	1	1/1/1999	12/31/2013			04	118	96	91	100	100	Y	97	118	96	87	93	100	Y	94	118	94	100	100	100	Y	99	Y	97
	370350004	2	8/16/2008	12/31/2013			04	118	100	100	94	100	Y	99	118	100	80	93	100	Y	93	118	100	100	93	93	Y	97	Y	96
	370370004	1	1/1/1999	12/31/2013			04	118	100	97	100	90	Y	97	118	97	97	97	97	Y	97	118	96	90	100	87	Y	93	Y	96
	370510009	1	1/1/1999	12/31/2013			04	118	100	100	100	100	Y	100	118	100	93	100	100	Y	98	118	100	100	93	100	Y	98	Y	99
	370570002	1	1/1/1999	12/31/2013			04	118	100	93	100	100	Y	98	118	97	100	100	100	Y	99	118	96	100	100	100	Y	99	Y	99
	370610002	1	1/1/1999	12/31/2013			04	118	100	97	100	97	Y	98	118	100	93	93	93	Y	95	118	90	91	93	100	Y	94	Y	96
	370610002	3	3/1/2012	12/31/2013			04								170	88	96	93	99	Y	95	170	98	94	87	97	Y	94		95
	370630015	1	9/15/2007	12/31/2013			04	118	93	93	97	97	Y	95	118	93	97	97	100	Y	97	118	100	100	97	100	Y	99	Y	97
	370650004	1	1/1/2004	12/31/2013			04	118	96	100	97	87	Y	95	118	97	97	100	100	Y	98	118	96	100	97	97	Y	98	Y	97
	370670022	1	1/1/1999	12/31/2013			04	118	88	97	96	97	Y	94	118	91	98	85	97	Y	93	118	99	98	100	81	Y	95	Y	94
	370670030	1	8/1/2004	12/31/2013			04	118	90	80	90	100	Y	90	118	84	97	100	100	Y	95	118	93	97	93	90	Y	93	Y	93
	370710016	1	1/1/1999	12/31/2013			04	118	100	97	80	87	Y	91	118	87	100	100	93	Y	95	118	87	93	100	93	Y	93	Y	93
	370810013	1	1/20/2007	12/31/2013			04	118	93	100	100	87	Y	95	118	93	100	94	100	Y	97	118	93	100	100	93	Y	97	Y	96
	370810014	1	12/15/2007	12/31/2013			04	118	93	97	97	97	Y	96	118	96	97	100	100	Y	98	118	100	97	100	97	Y	98	Y	97
	370870012	1	1/1/2008	12/31/2013			04	118	87	100	100	100	Y	97	118	97	97	100	100	Y	98	118	100	97	100	84	Y	95	Y	97
	370990006	1	4/1/2000	12/31/2013			04	118	94	90	53	93		83	118	97	97	97	97	Y	97	118	97	100	100	93	Y	98		93
	370990006	2	4/1/2000	12/31/2013			04	118	93	87	59	100		85	118	100	100	93	100	Y	98	118	93	87	80	100	Y	90		91

			Sample Date Range 1*		Sample Date Range 2*			2011 Completeness							2012 Completeness							2013 Completeness							2011-2013	
State	Site	POC	Begin	End	Begin	End	Reg	Meth	Qtr 1 %	Qtr 2 %	Qtr 3 %	Qtr 4 %	All 4 Qtrs 75%	1-Yr %	Meth	Qtr 1 %	Qtr 2 %	Qtr 3 %	Qtr 4 %	All 4 Qtrs 75%	1-Yr %	Meth	Qtr 1 %	Qtr 2 %	Qtr 3 %	Qtr 4 %	All 4 Qtrs 75%	1-Yr %	All Qtrs 75%	3-Yr %
	371010002	1	1/1/2009	12/31/2013			04	118	81	90	87	93	Y	88	118	96	93	97	97	Y	96	118	97	94	97	90	Y	94	Y	93
	371050002	3	11/12/2013	12/31/2013			04															170				29		29		29
	371070004	1	1/1/1999	12/31/2013			04	118	100	100	97	97	Y	98	118	100	100	100	100	Y	100	118	100	100	100	93	Y	98	Y	99
	371110004	1	1/1/1999	12/31/2013			04	118	100	100	90	93	Y	96	118	100	100	100	93	Y	98	118	100	100	100	97	Y	99	Y	98
	371110004	2	4/1/2005	12/31/2013			04	118	100	100	94	100	Y	99	118	100	93	100	100	Y	98	118	93	93	100	80	Y	92	Y	96
	371170001	1	9/25/2003	12/31/2013			04	118	96	97	91	97	Y	95	118	97	100	100	100	Y	99	118	100	97	97	100	Y	98	Y	97
	371170001	3	10/25/2012	12/31/2013			04								170				76		76	170	97	85	94	96	Y	93		85
	371190041	1	7/30/1999	3/8/2012	3/10/2012	12/31/2013	04	118	92	98	95	98	Y	96	118	95	97	97	100	Y	97	118	96	94	100	97	Y	97	Y	97
	371190042	1	9/12/2000	12/31/2013			04	118	97	93	93	100	Y	96	118	100	100	100	97	Y	99	118	100	100	93	90	Y	96	Y	97
	371190042	2	9/12/2000	12/31/2013			04	118	87	87	100	100	Y	93	118	100	100	100	93	Y	98	118	93	100	100	93	Y	97	Y	96
	371190043	1	1/1/2006	3/7/2012	3/10/2012	12/31/2013	04	118	99	98	94	97	Y	97	118	98	100	100	97	Y	99	118	94	100	100	100	Y	99	Y	98
	371210001	1	1/1/1999	12/31/2013			04	118	97	100	87	100	Y	96	118	96	100	100	90	Y	97	118	97	100	93	93	Y	96	Y	96
	371230001	1	7/16/1999	12/31/2013			04	118	97	97	100	97	Y	98	118	100	100	100	100	Y	100	118	96	97	87	97	Y	94	Y	97
	371230001	3	8/1/2013	12/31/2013			04															170			63	99		85		85
	371290002	1	1/1/2010	12/31/2013			04	118	97	100	100	97	Y	98	118	93	97	100	93	Y	96	118	100	97	83	97	Y	94	Y	96
	371290002	3	10/23/2012	12/31/2013			04								170				84		84	170	98	94	61	96		87		86
	371470006	1	4/3/2008	12/31/2013			04	118	100	100	100	100	Y	100	118	97	100	100	90	Y	97	118	96	100	100	100	Y	99	Y	99
	371550005	1	11/23/2000	12/31/2013			04	118	100	100	93	100	Y	98	118	100	100	100	100	Y	100	118	86	100	93	94	Y	93	Y	97
	371590021	1	1/1/2005	12/31/2013			04	118	100	97	100	90	Y	97	118	100	100	97	97	Y	98	118	97	97	100	100	Y	99	Y	98
	371590021	2	2/14/2011	12/31/2013			04	118	74	93	100	87		90	118	80	100	100	100	Y	95	118	100	100	93	73		92		92
	371730002	1	1/1/1999	5/28/2011			04	118	100	100				100																100
	371730002	3	6/17/2009	12/31/2013			04	170	89	95	98	93	Y	94	170	99	100	99	95	Y	98	170	93	92	91	99	Y	94	Y	95
	371830014	1	9/6/2006	12/31/2013			04	118	96	100	97	100	Y	98	118	100	100	100	93	Y	98	118	100	100	100	100	Y	100	Y	99
	371830014	3	6/1/2009	12/31/2013			04	170	98	90	96	96	Y	95	170	98	88	93	99	Y	95	170	99	83	98	95	Y	94	Y	95
	371830020	1	1/1/2008	12/31/2013			04	118	96	97	93	93	Y	95	118	100	93	91	97	Y	95	118	100	97	100	90	Y	97	Y	96
	371890003	1	9/15/2001	12/31/2013			04	118	93	93	100	97	Y	96	118	97	97	100	97	Y	98	118	97	100	93	100	Y	98	Y	97
	371910005	1	1/1/1999	12/31/2013			04	118	100	93	93	100	Y	97	118	100	100	100	100	Y	100	118	100	100	100	100	Y	100	Y	99
	371910005	3	11/1/2012	12/31/2013			04								170				84		84	170	99	92	97	99	Y	97		91
NORTH DAKOTA																														
	380070002	1	7/1/2000	12/31/2013			08	143	100	100	100	100	Y	100	143	100	100	93	100	Y	98	143	100	100	100	100	Y	100	Y	99
	380130004	3	7/15/2010	12/31/2013			08	170	99	94	93	99	Y	97	170	98	89	93	99	Y	95	170	99	98	97	93	Y	97	Y	96
	380150003	1	1/1/1999	12/31/2013			08	143	93	100	97	93	Y	96	143	93	100	100	100	Y	98	143	100	97	97	97	Y	98	Y	97
	380150003	2	1/25/2006	12/31/2013			08	143	100	100	100	100	Y	100	143	100	100	93	100	Y	98	143	93	100	100	100	Y	98	Y	99
	380150003	3	1/1/2009	12/31/2013			08	170	95	74	54	99		81	170	95	99	99	98	Y	98	170	94	99	99	98	Y	98		92
	380171004	1	1/1/1999	12/31/2013			08	143	97	70	100	97		91	143	93	90	90	97	Y	93	143	81	90	83	87	Y	85		90
	380171004	3	4/12/2010	12/31/2013			08	170	98	76	93	99	Y	92	170	99	99	95	99	Y	98	170	99	84	49	99		83		91
	380250003	3	9/22/2011	12/31/2013			08	170			50	99		87	170	99	84	99	95	Y	94	170	99	99	96	91	Y	96		92
	380530002	3	7/29/2010	12/31/2013			08	170	99	91	93	96	Y	95	170	97	99	99	99	Y	98	170	99	99	95	99	Y	98	Y	97
	380570004	1	1/1/1999	12/31/2013			08	143	93	100	94	100	Y	97	143	100	100	100	100	Y	100	143	100	100	100	100	Y	100	Y	99
	380570004	3	7/23/2010	12/31/2013			08	170	95	99	94	98	Y	96	170	98	98	99	93	Y	97	170	99	98	98	92	Y	97	Y	97
	380650002	3	11/17/2011	12/31/2013			08	170				93		93	170	65	97	92	94		87	170	99	98	96	95	Y	97		92
	381050003	3	1/1/2013	12/31/2013			08															170	99	99	95	98	Y	98		98
OHIO																														
	390030009	1	3/3/2010	12/31/2013			05	142	100	53	40	80		68	142	100	100	100	93	Y	98	142	33	93	100	76		76		81
	390090003	1	1/3/1999	12/31/2013			05	142	93	93	93	93	Y	93	142	93	93	81	93	Y	90	142	87	93	93	100	Y	93	Y	92
	390170003	1	1/1/1999	12/31/2013			05	142	100	97	100	97	Y	98	142	100	93	100	100	Y	98	142	100	100	97	97	Y	98	Y	98
	390170016	1	10/3/2000	12/31/2013			05	142	97	93	97	97	Y	96	142	100	100	100	87	Y	97	142	97	94	100	97	Y	97	Y	97
	390170019	1	6/1/2011	12/31/2013			05	142		100	93	100		97	142	97	100	97	97	Y	98	142	100	97	100	100	Y	99		98
	390170020	1	7/1/2011	12/31/2013			05	142			87	100		93	142	100	97	90	100	Y	97	142	100	100	90	100	Y	98		96
	390230005	1	7/26/2000	12/31/2013			05	142	100	100	100	100	Y	100	142	97	100	97	100	Y	98	142	84	91	93	100	Y	92	Y	97
	390250022	1	1/1/2005	12/31/2011			05	142	100	100	100	100	Y	100																100
	390350034	1	7/11/2000	12/31/2013			05	120	97	97	94	100	Y	97	120	100	100	97	87	Y	96	120	84	91	100	94	Y	92	Y	95
	390350038	1	1/8/1999	12/31/2013			05	120	94	96	95	90	Y	94	118	98	99	100	99	Y	99	118	100	100	70	97		92		95
	390350038	2	1/1/2008	12/31/2013			05	120	100	100	78	67		86	118	39	78	55	78		63	118	50	83	66	76		69		73
	390350045	1	12/14/1999	12/31/2013			05	120	100	100	94	100	Y	98	120	91	100	100	87	Y	94	120	86	90	100	90	Y	92	Y	95
	390350060	1	8/1/2009	12/31/2013			05	120	97	100	90	100	Y	97	120	85	97	64	83		82	118	97	100	100	100	Y	99		93
	390350060	3	4/1/2012	12/31/2013			05								170		99	100	98		99	170	100	99	97	100	Y	99		99
	390350065	1	1/29/1999	12/31/2013			05	120	93	93	100	93	Y	95	120	97	100	94	93	Y	96	120	90	100	100	100	Y	98	Y	96
	390351002	1	1/8/1999	12/31/2013			05	120	97	93	97	100	Y	97	120	88	93	100	90	Y	93	120	94	100	83	100	Y	94	Y	95
	390490024	1	1/1/1999	12/31/2013			05	120	94	90	100	90	Y	94	120	84	83	97	100	Y	91	120	97	100	93	87	Y	94	Y	93
	390490025	1	1/1/1999	12/31/2013			05	120	100	97	90	93	Y	95	120	97	97	93	97	Y	96	120	97	100	100	88	Y	96	Y	96

			Sample Date Range 1*		Sample Date Range 2*			2011 Completeness							2012 Completeness							2013 Completeness							2011-2013	
State	Site	POC	Begin	End	Begin	End	Reg	Meth	Qtr 1 %	Qtr 2 %	Qtr 3 %	Qtr 4 %	All 4 Qtrs 75%	1-Yr %	Meth	Qtr 1 %	Qtr 2 %	Qtr 3 %	Qtr 4 %	All 4 Qtrs 75%	1-Yr %	Meth	Qtr 1 %	Qtr 2 %	Qtr 3 %	Qtr 4 %	All 4 Qtrs 75%	1-Yr %	All Qtrs 75%	3-Yr %
	390490025	2	8/1/2000	12/31/2013			05	120	93	100	93	93	Y	95	120	100	100	87	100	Y	97	120	100	93	93	94	Y	95	Y	96
	390490029	3	6/24/2010	12/31/2013			05	170	98	100	100	97	Y	99	170	100	98	98	98	Y	98	170	100	100	100	99	Y	100	Y	99
	390490081	1	1/1/1999	12/31/2013			05	120	90	100	100	90	Y	95	120	89	97	100	100	Y	96	120	100	100	97	100	Y	99	Y	97
	390570005	1	10/3/2003	12/31/2013			05	142	93	100	100	90	Y	96	142	91	97	100	97	Y	96	142	90	100	100	100	Y	98	Y	97
	390570005	2	10/6/2011	12/31/2013			05	142				100		100	142	87	100	100	100	Y	97	142	100	93	93	100	Y	97		98
	390610006	1	1/1/2005	12/31/2013			05	120	89	87	100	100	Y	94	120	93	90	100	97	Y	95	120	100	97	100	94	Y	98	Y	96
	390610010	1	7/1/2011	12/31/2013			05	120			87	87		87	120	82	60	73	100		79	142	97	100	100	97	Y	98		88
	390610014	1	1/1/1999	12/31/2013			05	120	97	97	97	100	Y	98	120	94	97	100	93	Y	96	120	90	97	93	100	Y	95	Y	96
	390610014	2	1/1/2007	12/31/2013			05	120	100	100	87	100	Y	97	120	100	93	100	80	Y	93	120	100	100	73	100		93		94
	390610040	1	4/3/1999	12/31/2013			05	142	90	97	87	97	Y	93	142	100	100	100	93	Y	98	142	100	97	97	100	Y	98	Y	96
	390610040	4	1/1/2011	12/31/2013			05	142	100	100	88	100	Y	97	142	100	100	100	93	Y	98	142	93	93	100	94	Y	95	Y	97
	390610042	1	10/3/2000	12/31/2013			05	142	100	100	97	97	Y	98	142	100	100	100	97	Y	99	142	97	100	87	93	Y	94	Y	97
	390810017	1	11/1/2003	12/31/2013			05	145	77	79	97	87	Y	85	145	99	99	90	92	Y	95	145	80	87	77	97	Y	85	Y	88
	390810017	2	4/1/2013	12/31/2013			05															145		77	40	93		70		70
	390810017	3	7/13/2011	12/31/2013			05	170			95	93		94	170	98	98	99	95	Y	98	170	97	99	99	94	Y	97		96
	390810021	1	12/1/2013	12/31/2013			05															142				100		100		100
	390811001	1	2/11/1999	9/30/2013			05	120	87	87	88	93	Y	89	120	93	93	93	87	Y	92	145	73	73	67			71		84
	390811001	2	1/1/2007	3/31/2013			05	120	73	93	52	100		80	120	100	100	100	87	Y	97	120	20					20		66
	390850007	1	1/1/2009	12/31/2013			05	120	100	100	94	93	Y	97	120	93	100	94	83	Y	93	120	93	100	100	97	Y	98	Y	96
	390850007	2	1/1/2009	12/31/2013			05	120	100	100	100	93	Y	98	120	100	100	100	93	Y	98	120	100	93	100	93	Y	97	Y	98
	390870012	1	2/12/2008	12/31/2013			05	120	81	90	97	100	Y	92	120	93	100	90	93	Y	94	120	96	94	100	100	Y	98	Y	95
	390933002	1	1/5/2002	12/31/2013			05	120	100	100	97	97	Y	98	120	97	97	97	97	Y	97	120	100	87	97	97	Y	95	Y	97
	390933002	2	5/27/2003	12/31/2013			05	120	87	93	94	87	Y	90	120	100	100	93	93	Y	97	120	93	87	93	100	Y	93	Y	93
	390950024	1	2/11/1999	12/31/2013			05	120	93	80	84	97	Y	88	118	96	100	93	77	Y	92	118	96	97	93	100	Y	97	Y	92
	390950024	2	1/1/2007	12/31/2013			05	120	87	100	81	93	Y	90	118	80	93	89	80	Y	86	118	87	100	100	94	Y	95	Y	90
	390950026	1	5/29/1999	12/31/2013			05	118	97	77	100	100	Y	93	118	97	93	100	100	Y	98	118	100	97	93	97	Y	97	Y	96
	390950028	1	10/24/2008	12/31/2013			05	118	91	90	100	100	Y	95	118	80	97	100	100	Y	94	118	100	100	100	97	Y	99	Y	96
	390990005	1	1/1/1999	12/31/2013			05	120	100	93	100	100	Y	98	120	100	87	100	87	Y	93	142	100	93	100	100	Y	98	Y	96
	390990005	2	1/1/2008	12/31/2013			05	120	93	100	100	93	Y	97	120	100	93	94	87	Y	94	142	93	100	100	100	Y	98	Y	96
	390990014	1	10/5/2002	12/31/2013			05	120	97	93	100	100	Y	98	120	94	97	91	97	Y	95	120	83	88	93	94	Y	90	Y	94
	391030004	1	1/1/2011	12/31/2013			05	120	91	93	94	93	Y	93	120	97	87	90	77	Y	88	120	97	84	83	74		85		89
	391030004	3	1/1/2011	1/31/2011	12/1/2011	2/29/2012	05	170	52			99		76	170	96					96									86
	391130032	1	8/1/2001	12/31/2013			05	145	90	100	100	97	Y	97	145	90	100	97	97	Y	96	145	90	100	97	97	Y	96	Y	96
	391130032	2	8/1/2001	12/31/2013			05	145	100	100	100	100	Y	100	145	93	100	93	93	Y	95	145	93	100	87	94	Y	94	Y	96
	391330002	1	1/30/1999	11/21/2013			05	118	96	100	97	90	Y	96	118	94	100	100	100	Y	99	118	67	80	97	93		83		93
	391351001	1	1/21/1999	12/31/2013			05	145	97	93	100	93	Y	96	145	97	83	100	97	Y	94	145	100	97	93	100	Y	98	Y	96
	391450013	1	1/15/1999	12/31/2013			05	120	100	93	93	97	Y	96	120	96	93	90	97	Y	94	120	93	94	97	100	Y	96	Y	95
	391450013	2	1/1/2008	12/31/2013			05	120	100	87	93	87	Y	92	120	93	87	93	93	Y	92	120	100	93	100	93	Y	97	Y	94
	391510017	1	1/3/1999	12/31/2013			05	142	94	95	83	92	Y	91	142	96	91	97	98	Y	96	142	100	93	97	100	Y	98	Y	95
	391510017	2	6/12/2001	12/31/2013			05	142	93	100	69	100		91	142	100	100	93	100	Y	98	142	100	87	87	88	Y	90		93
	391510020	1	1/3/1999	12/31/2013			05	142	97	97	87	97	Y	94	142	94	90	100	97	Y	95	142	97	94	100	97	Y	97	Y	95
	391530017	1	1/1/1999	12/31/2013			05	118	88	93	100	100	Y	95	118	100	97	97	100	Y	98	118	96	97	97	100	Y	97	Y	97
	391530017	2	3/13/2000	12/31/2013			05	118	87	100	88	100	Y	94	118	100	100	100	100	Y	100	118	80	100	93	73		87		94
	391530017	3	3/5/2010	4/21/2011			05	170	92	100				94																94
	391530023	1	1/1/1999	12/31/2013			05	118	100	93	91	100	Y	96	118	91	97	100	100	Y	97	118	100	97	93	100	Y	98	Y	97
	391550005	1	1/2/2010	12/31/2013			05	120	96	100	100	97	Y	98	120	97	97	97	83	Y	93	142	87	90	100	100	Y	94	Y	95
	391650007	1	1/1/2007	12/31/2011			05	142	93	93	100	100	Y	97																97
OKLAHOMA																														
	400019009	2	3/16/2009	12/31/2013			06	170	33	69	83	93		69	170	81	86	97	76	Y	85	170	99	94	100	98	Y	98		84
	400159008	1	4/24/2000	7/15/2011			06	118	87	100	100			94																94
	400159008	2	10/1/2003	7/15/2011			06	118	80	100	100			91																91
	400270049	3	5/10/2013	12/31/2013			06															184		73	99	100		93		93
	400310651	3	4/10/2013	12/31/2013			06															184		86	98	100		95		95
	400710604	3	3/7/2012	12/31/2013			06								184	98	100	100	94	Y	98	184	100	99	83	100	Y	96		97
	400719030	1	10/1/2012	12/31/2013			06								170				78		78	170	92	82	87	72		83		81
	400850300	1	4/1/2013	12/31/2013			06															184		82	90	83		85		85
	400970186	1	2/28/1999	1/9/2011			06	118	67					67																67
	401010169	1	1/25/1999	1/21/2011			06	118	100					100																100
	401090035	1	1/1/1999	12/31/2013			06	118	100	100	93	100	Y	98	145	100	100	100	93	Y	98	145	96	100	100	100	Y	99	Y	98
	401090035	2	4/6/1999	3/31/2012			06	118	100	100	100	87	Y	97	145	80					80									89
	401091037	1	1/1/1999	12/31/2013			06	118	100	100	93	100	Y	98	145	100	90	100	97	Y	97	145	100	100	83	97	Y	95	Y	97

			Sample Date Range 1*		Sample Date Range 2*			2011 Completeness							2012 Completeness							2013 Completeness							2011-2013	
State	Site	POC	Begin	End	Begin	End	Reg	Meth	Qtr 1 %	Qtr 2 %	Qtr 3 %	Qtr 4 %	All 4 Qtrs 75%	1-Yr %	Meth	Qtr 1 %	Qtr 2 %	Qtr 3 %	Qtr 4 %	All 4 Qtrs 75%	1-Yr %	Meth	Qtr 1 %	Qtr 2 %	Qtr 3 %	Qtr 4 %	All 4 Qtrs 75%	1-Yr %	All Qtrs 75%	3-Yr %
	401091037	3	5/17/2013	12/31/2013			06															184		98	100	100		99		99
	401210415	1	4/1/1999	12/31/2013			06	118	100	100	100	100	Y	100	145	97	87	100	100	Y	96	145	100	100	100	100	Y	100	Y	99
	401210415	3	1/1/2012	12/31/2013			06								184	97	97	100	98	Y	98	184	100	100	86	99	Y	96		97
	401359021	1	1/1/2011	12/31/2013			06	143	73	93	100	93		90	143	97	90	90	93	Y	93	143	83	97	93	94	Y	92		92
	401359021	2	1/1/2011	12/31/2012			06	143	60	100	89	93		86	143	80	93	93	93	Y	90									88
	401430174	3	6/11/2013	12/31/2013			06															184		56	98	99		92		92
	401431127	1	1/13/2001	12/31/2013			06	118	96	100	93	100	Y	97	145	100	100	100	100	Y	100	145	99	100	91	98	Y	97	Y	98
	401431127	2	4/1/2012	12/31/2013			06								145		100	100	100		100	145	100	100	100	94	Y	99		100
	401431127	3	6/27/2013	12/31/2013			06															184		86	98	99		97		97
OREGON																														
	410130100	1	1/1/2009	12/31/2013			10	118	90	70	72	97		82	118	100	93	97	97	Y	97	118	100	100	100	100	Y	100		93
	410250003	1	9/16/2009	12/31/2013			10	118	93	93	97	100	Y	96	118	100	97	100	100	Y	99	118	91	100	100	100	Y	98	Y	98
	410290133	1	1/1/1999	12/31/2013			10	118	97	80	97	100	Y	94	118	90	100	100	100	Y	98	118	100	100	100	97	Y	99	Y	97
	410290133	2	1/1/2001	12/31/2013			10	118	89	100	89	100	Y	95	118	100	89	100	61		88	118	100	100	100	100	Y	100		94
	410330114	1	11/1/2006	12/31/2013			10	118	100	100	100	100	Y	100	118	100	100	100	100	Y	100	118	100	100	100	100	Y	100	Y	100
	410350004	1	1/1/1999	12/31/2013			10	118	90	90	97	100	Y	94	145	84	100	100	93	Y	94	145	81	100	100	94	Y	94	Y	94
	410370001	1	1/1/2007	12/31/2013			10	118	90	93	97	83	Y	91	118	88	100	94	90	Y	93	118	100	97	100	100	Y	99	Y	94
	410390058	1	1/1/2008	6/29/2011			10	118	97	100				99																99
	410390059	1	7/1/2011	12/31/2013			10	145			97	87		92	145	91	100	97	100	Y	97	145	97	97	97	100	Y	98		96
	410390060	1	1/1/1999	12/31/2013			10	145	97	100	100	97	Y	98	145	97	100	100	100	Y	99	145	100	100	100	100	Y	100	Y	99
	410390060	2	1/2/2002	12/31/2013			10	145	100	100	100	100	Y	100	145	89	100	100	100	Y	97	145	100	100	100	100	Y	100	Y	99
	410391009	1	1/4/2004	12/31/2013			10	117	87	93	100	100	Y	95	117	100	93	100	100	Y	98	117	100	100	100	100	Y	100	Y	98
	410392013	1	1/1/1999	12/31/2013			10	145	97	97	100	100	Y	98	145	100	93	97	90	Y	95	145	100	100	100	93	Y	98	Y	97
	410399004	1	1/1/2008	12/31/2013			10	118	97	97	100	100	Y	98	118	96	93	100	100	Y	97	118	100	100	93	100	Y	98	Y	98
	410432002	1	11/1/2010	4/4/2012			10	118	90	97	93	97	Y	94	118	88	100				91									93
	410510080	1	1/1/1999	12/31/2013			10	118	90	100	90	87	Y	92	118	93	97	97	100	Y	97	118	100	100	100	93	Y	98	Y	96
	410590121	1	10/1/2006	12/31/2013			10	118	100	100	100	93	Y	98	118	100	100	93	100	Y	98	118	100	100	80	100	Y	95	Y	97
	410670004	1	12/1/2006	12/31/2013			10	118	93	87	90	97	Y	92	118	94	77	87	100	Y	89	118	100	97	93	100	Y	98	Y	93
	410670004	2	7/1/2010	4/10/2011			10	118	100	100				100																100
PENNSYLVANIA																														
	420010001	3	7/1/2009	12/31/2013			03	170	94	100	81	95	Y	92	170	77	99	92	97	Y	92	170	93	99	85	96	Y	93	Y	92
	420030002	1	6/8/2011	12/31/2013			03	118		88	90	90		90	118	94	100	93	77	Y	91	118	97	84	90	97	Y	92		91
	420030002	3	1/1/2010	5/31/2011			03	170	97	93				95																95
	420030008	1	2/23/1999	12/31/2013			03	118	96	92	96	96	Y	95	118	100	94	100	81	Y	94	118	100	100	96	99	Y	99	Y	96
	420030008	2	1/1/2005	12/31/2013			03	118	100	89	100	100	Y	97	118	100	100	89	100	Y	97	118	100	100	100	100	Y	100	Y	98
	420030064	1	1/23/1999	12/31/2013			03	118	93	90	98	90	Y	93	118	95	97	100	85	Y	94	118	100	100	91	100	Y	98	Y	95
	420030064	2	1/1/2005	12/31/2013			03	118	100	100	100	89	Y	97	118	100	100	89	100	Y	97	118	100	100	100	100	Y	100	Y	98
	420030067	1	4/12/1999	12/31/2013			03	118	93	80	90	90	Y	88	118	94	93	90	77	Y	89	118	90	97	83	97	Y	92	Y	90
	420030093	1	1/25/2009	12/31/2013			03	118	87	73	87	80		82	118	87	93	93	80	Y	88	118	93	100	93	87	Y	93		88
	420031008	1	2/13/1999	12/31/2013			03	118	91	73	90	90		86	118	97	97	90	77	Y	90	118	97	97	93	97	Y	96		91
	420031301	1	1/30/1999	12/31/2013			03	118	93	73	84	80		83	118	81	97	80	70		82	118	97	97	77	94	Y	91		85
	420033007	1	1/1/2001	12/31/2013			03	118	100	80	93	47		80	118	93	93	87	80	Y	88	118	93	93	93	100	Y	95		88
	420050001	3	7/1/2009	12/31/2013			03	170	93	100	98	55		86	170	99	96	91	96	Y	95	170	94	82	100	99	Y	94		92
	420070014	1	12/1/1999	12/31/2013			03	118	76	66	84	94		80	145	94	73	97	95		90	145	99	96	98	100	Y	98		89
	420070014	3	10/7/2010	12/31/2013			03	181	100	98	99	99	Y	99	181	100	74	98	95		92	181	99	75	99	98	Y	93		95
	420110011	1	7/1/2007	12/31/2013			03	118	99	85	92	95	Y	93	145	100	100	98	95	Y	98	145	47	98	96	99		85		92
	420110011	3	10/7/2010	12/31/2013			03	181	99	98	97	94	Y	97	181	100	100	98	99	Y	99	181	98	98	100	100	Y	99	Y	98
	420130801	3	6/1/2010	12/31/2013			03	170	100	95	92	94	Y	95	170	96	99	94	96	Y	96	170	100	100	80	100	Y	95	Y	95
	420170012	1	1/1/1999	12/31/2013			03	118	97	97	89	90	Y	93	145	97	96	95	87	Y	94	145	52	100	100	98		88		92
	420170012	3	6/1/2010	12/31/2013			03	170	97	94	100	89	Y	95	170	99	90	100	89	Y	94	170	91	88	93	94	Y	91	Y	93
	420210011	3	4/1/2009	12/31/2013			03	170	83	100	99	89	Y	93	170	100	92	98	87	Y	94	170	100	93	97	92	Y	95	Y	94
	420270100	1	2/1/2000	12/31/2013			03	145	48	66	62	92		67	145	88	96	93	91	Y	92	145	39	80	96	98		78		79
	420270100	3	9/1/2010	12/31/2013			03	170	86	100	95	95	Y	94	170	100	88	99	31		80	170	91	99	97	94	Y	95		90
	420290100	1	10/1/2012	12/31/2013			03								145				85		85	145	80	91	94	94	Y	90		88
	420290100	3	7/1/2009	12/31/2013			03	170	66	99	81	84		83	170	97	87	83	86	Y	88	170	97	76	94	62		82		84
	420410101	1	3/29/2001	12/31/2013			03	118	95	96	99	91	Y	95	145	100	99	100	98	Y	99	145	39	97	100	98		84		93
	420410101	3	1/1/2009	12/31/2013			03	170	82	99	79	96	Y	89	170	89	89	99	92	Y	92	170	99	89	98	92	Y	95	Y	92
	420430401	1	1/1/2012	12/31/2013			03								145	92	100	92	99	Y	96	145	91	61	35	80		67		82
	420430401	3	1/1/2009	12/31/2011	4/1/2013	12/31/2013	03	170	94	99	94	100	Y	97								170		83	79	76		79		88
	420450002	2	1/1/1999	12/31/2013			03	118	87	93	93	87	Y	90	145	87	100	82	87	Y	89	145	93	93	87	93	Y	92	Y	90
	420450002	3	4/1/2009	12/31/2013			03	170	99	81	97	96	Y	93	170	96	94	30	98		80	170	99	85	95	94	Y	94		89

			Sample Date Range 1*		Sample Date Range 2*			2011 Completeness							2012 Completeness							2013 Completeness							2011-2013	
State	Site	POC	Begin	End	Begin	End	Reg	Meth	Qtr 1 %	Qtr 2 %	Qtr 3 %	Qtr 4 %	All 4 Qtrs 75%	1-Yr %	Meth	Qtr 1 %	Qtr 2 %	Qtr 3 %	Qtr 4 %	All 4 Qtrs 75%	1-Yr %	Meth	Qtr 1 %	Qtr 2 %	Qtr 3 %	Qtr 4 %	All 4 Qtrs 75%	1-Yr %	All Qtrs 75%	3-Yr %
	420490003	3	7/1/2009	12/31/2013			03	170	97	91	100	94	Y	96	170	93	96	93	99	Y	95	170	96	100	93	95	Y	96	Y	96
	420692006	3	7/1/2009	12/31/2013			03	170	100	95	99	95	Y	98	170	99	87	100	94	Y	95	170	98	95	96	82	Y	93	Y	95
	420710007	1	1/1/1999	12/31/2013			03	118	99	99	98	93	Y	97	145	87	93	100	98	Y	95	145	99	100	100	97	Y	99	Y	97
	420710007	2	1/1/2009	12/31/2013			03	118	60	100	100	73		83	145	93	100	87	93	Y	93	145	100	100	87	100	Y	97		91
	420710007	3	10/7/2010	12/31/2013			03	181	100	100	99	100	Y	100	181	100	99	100	93	Y	98	181	100	100	100	96	Y	99	Y	99
	420750100	3	3/10/2011	12/31/2013			03	170	100	98	84	82	Y	89	170	98	96	95	86	Y	94	170	98	91	98	88	Y	94	Y	92
	420850100	1	2/1/2000	12/31/2013			03	145	94	80	85	88	Y	87	145	98	96	95	98	Y	97	145	46	92	98	95		83		89
	420850100	3	11/3/2010	12/31/2013			03	170	100	95	98	69		91	170	59	100	50	0		52	170	96	92	16	31		59		67
	420890002	3	6/1/2010	12/31/2013			03	170	95	91	79	100	Y	91	170	95	100	91	99	Y	96	170	91	98	89	100	Y	94	Y	94
	420910013	1	1/1/1999	12/31/2013			03	118	93	81	100	97	Y	93	145	98	98	82	90	Y	92	145	46	100	99	97		85		90
	420910013	3	10/14/2010	12/31/2013			03	181	100	96	93	56		86	181	78	92	97	99	Y	92	181	99	93	82	99	Y	93		90
	420950025	1	3/1/2012	12/31/2013			03								145	100	97	91	97	Y	95	145	96	88	99	95	Y	94		95
	420950025	3	7/1/2009	12/31/2013			03	170	82	99	93	99	Y	93	170	87	87	99	98	Y	93	170	99	68	99	91		89		92
	420950027	1	1/1/2010	12/31/2013			03	145	97	88	99	98	Y	95	145	99	89	68	96		88	145	93	91	99	99	Y	96		93
	421010004	2	1/1/2011	12/31/2013			03	145	93	93	87	100	Y	93	145	80	53	87	87		77	145	87	67	100	100		88		86
	421010047	1	1/1/1999	12/31/2013			03	145	96	100	93	97	Y	97	145	100	100	100	100	Y	100	145	100	90	87	90	Y	92	Y	96
	421010047	3	4/1/2013	12/31/2013			03															170		86	92	92		90		90
	421010047	4	7/1/2007	4/1/2013			03	145	76	81	86	97	Y	85	145	97	89	86	90	Y	91	145	92	0				69		82
	421010048	1	10/1/2013	12/31/2013			03															145				78		78		78
	421010048	3	10/1/2013	12/31/2013			03															170				79		79		79
	421010055	1	1/9/2008	3/31/2013			03	145	97	97	80	94	Y	92	145	97	82	85	92	Y	89	145	97					97		93
	421010055	3	4/1/2013	12/31/2013			03															170		73	94	85		84		84
	421010057	1	7/1/2007	6/30/2013			03	145	97	97	87	98	Y	95	145	99	80	84	97	Y	90	145	85	100				93		93
	421010057	3	7/1/2013	12/31/2013			03															170			98	93		96		96
	421011002	1	6/1/2010	9/30/2013			03	145	83	90	90	100	Y	91	145	100	87	81	93	Y	90	145	100	84	93			92		91
	421011002	3	1/1/2011	9/30/2013			03	170	85	86	79	69		80	170	79	68	98	92		84	170	96	89	91			92		85
	421250005	3	4/1/2009	12/31/2013			03	170	88	64	94	100		87	170	92	100	92	100	Y	96	170	82	99	99	97	Y	95		93
	421250200	1	1/1/1999	12/31/2013			03	118	83	91	99	98	Y	93	145	100	98	100	83	Y	95	145	45	92	98	98		83		90
	421250200	3	11/10/2010	12/31/2013			03	170	100	73	85	99		89	170	84	100	93	98	Y	94	170	95	95	100	97	Y	97		93
	421255001	1	7/1/2012	12/31/2013			03								145			85	96		90	145	94	68	97	97		89		90
	421255001	3	7/1/2009	12/31/2013			03	170	91	99	99	88	Y	95	170	94	89	96	72		88	170	84	56	99	97		84		89
	421255200	1	8/1/2012	12/31/2013			03								145			97	94		95	145	93	100	99	74		91		93
	421290008	1	10/1/2012	12/31/2013			03								145				93		93	145	99	94	90	96	Y	95		94
	421290008	3	7/1/2009	12/31/2013			03	170	92	99	100	52		86	170	82	69	97	57		76	170	49	57	87	97		73		78
	421290008	4	1/1/2012	12/31/2013			03								170	97	75	73	96		85	170	81	91	86	90	Y	87		86
	421330008	1	1/1/1999	12/31/2013			03	118	92	87	89	86	Y	89	145	98	98	99	98	Y	98	145	34	88	97	98		79		89
	421330008	2	1/1/1999	12/31/2013			03	118	87	87	100	87	Y	90	145	100	93	93	100	Y	97	145	80	87	100	80	Y	87	Y	91
	421330008	3	10/7/2010	12/31/2013			03	181	14	70	91	100		69	181	80	69	99	100		87	181	100	98	100	97	Y	99		85
RHODE ISLAND																														
	440030002	2	6/6/2009	12/31/2013			01	142	67	87	89	100		86	142	100	100	100	93	Y	98	145	100	93	93	87	Y	93		92
	440030002	3	12/11/2008	12/31/2013			01	170	92	97	89	95	Y	93	170	96	99	97	95	Y	97	170	98	96	97	99	Y	98	Y	96
	440070022	1	1/1/1999	12/31/2013			01	145	98	99	88	93	Y	94	145	88	91	100	98	Y	94	145	99	96	96	100	Y	98	Y	95
	440070022	2	1/1/1999	12/31/2013			01	145	87	100	100	87	Y	93	145	73	87	100	20		70	145	73	100	93	100		92		85
	440070022	3	9/1/2012	12/31/2013			01								170			100	97		98	170	97	97	92	96	Y	96		97
	440070026	1	3/2/2001	12/31/2013			01	145	94	87	91	97	Y	92	145	18	0	61	93		43	145	86	93	97	97	Y	93		76
	440070028	1	1/1/2004	12/29/2012			01	145	84	97	88	97	Y	91	145	91	97	97	97	Y	95									93
	440071010	1	1/6/1999	12/31/2013			01	145	100	99	96	87	Y	95	145	96	91	99	97	Y	96	145	96	99	98	98	Y	98	Y	96
	440071010	3	1/1/2010	12/31/2013			01	183	66	84	61	72		71	183	100	100	50	97		87	170	100	97	100	96	Y	98		85
	440090007	1	9/1/2012	12/31/2013			01								170			100	93		95	170	98	94	98	93	Y	96		96
SOUTH CAROLINA																														
	450190048	1	4/15/1999	12/31/2013			04	118	98	99	97	99	Y	98	118	100	93	98	99	Y	98	118	96	97	90	74		89		95
	450190048	2	4/24/1999	12/31/2013			04	118	100	87	74	80		85	118	93	93	56	93		84	118	87	67	100	81		84		84
	450190049	1	11/26/1998	12/31/2013			04	118	98	94	100	86	Y	95	118	98	99	97	96	Y	97	118	96	92	89	79	Y	89	Y	94
	450250001	1	1/7/2000	12/31/2013			04	118	100	100	100	90	Y	98	118	84	97	58	70		77	118	88	97	87	90	Y	90		88
	450370001	1	4/30/1999	12/31/2013			04	118	91	100	88	90	Y	92	118	97	97	81	97	Y	93	118	96	94	87	100	Y	94	Y	93
	450410003	1	8/10/2008	12/31/2013			04	118	94	97	93	100	Y	96	118	90	80	90	83	Y	86	118	89	94	93	80	Y	89	Y	90
	450450009	1	5/30/1999	12/30/2012			04	118	62	100	84	87		83	118	94	97	88	83	Y	90									87
	450450009	2	5/30/1999	1/31/2011			04	118	60					60																60
	450450015	1	4/27/2008	12/31/2013			04	118	92	89	99	85	Y	91	118	88	97	98	98	Y	95	118	92	92	100	89	Y	93	Y	93
	450450015	3	4/27/2008	10/31/2011			04	181	99	92	99	99	Y	97																97
	450450016	1	1/20/2011	12/31/2013			04	118	90	93	90	70		86	118	79	100	91	97	Y	92	118	100	75	87	80	Y	85		88

			Sample Date Range 1*		Sample Date Range 2*			2011 Completeness							2012 Completeness							2013 Completeness							2011-2013	
State	Site	POC	Begin	End	Begin	End	Reg	Meth	Qtr 1 %	Qtr 2 %	Qtr 3 %	Qtr 4 %	All 4 Qtrs 75%	1-Yr %	Meth	Qtr 1 %	Qtr 2 %	Qtr 3 %	Qtr 4 %	All 4 Qtrs 75%	1-Yr %	Meth	Qtr 1 %	Qtr 2 %	Qtr 3 %	Qtr 4 %	All 4 Qtrs 75%	1-Yr %	All Qtrs 75%	3-Yr %
	450450016	2	1/21/2011	12/31/2013			04	118	93	93	97	87	Y	93	118	79	100	87	83	Y	87	118	93	93	97	100	Y	96	Y	92
	450630008	1	12/1/1998	12/31/2013			04	118	94	100	100	99	Y	98	118	95	79	95	96	Y	91	118	100	97	99	96	Y	98	Y	96
	450730001	3	1/5/2011	7/31/2011			04	181	34	91	65			63																63
	450790007	1	11/1/1998	12/31/2013			04	118	100	100	100	100	Y	100	118	91	83	100	97	Y	93	118	97	87	93	87	Y	91	Y	95
	450790019	1	11/26/1998	12/31/2013			04	118	99	98	90	66		88	118	89	95	100	99	Y	96	118	99	89	67	91		87		90
	450790019	2	11/26/1998	12/31/2013			04	118	100	93	81	100	Y	94	118	100	100	76	100	Y	94	118	93	80	80	93	Y	87	Y	92
	450830011	1	12/31/2008	12/31/2013			04	118	99	88	96	80	Y	91	118	98	95	91	89	Y	93	118	92	99	91	94	Y	94	Y	93
SOUTH DAKOTA																														
	460110002	1	1/1/1999	12/31/2013			08	153	100	97	100	100	Y	99	143	100	100	100	97	Y	99	143	100	97	100	100	Y	99	Y	99
	460130003	1	12/20/1999	12/31/2013			08	153	97	100	100	100	Y	99	143	62	97	97	100		89	143	100	94	100	100	Y	99		96
	460290002	1	1/1/2003	12/31/2011			08	153	94	100	97	100	Y	98																98
	460290002	3	1/1/2012	12/31/2013			08								170	87	88	99	95	Y	92	170	90	96	98	91	Y	94		93
	460330132	3	1/1/2009	12/31/2013			08	170	99	98	92	96	Y	96	170	98	98	94	94	Y	96	170	98	99	96	98	Y	98	Y	97
	460710001	3	1/1/2009	12/31/2013			08	170	93	87	95	96	Y	93	170	99	99	99	98	Y	99	170	91	98	99	92	Y	95	Y	96
	460990006	1	1/1/1999	12/31/2013			08	143	100	100	100	100	Y	100	143	100	100	100	100	Y	100	143	97	90	100	100	Y	97	Y	99
	460990008	1	1/1/2008	12/31/2013			08	143	100	97	100	100	Y	99	143	88	97	97	83	Y	91	143	100	97	100	88	Y	96	Y	95
	460990008	3	1/1/2009	12/31/2013			08	170	96	96	97	100	Y	97	170	97	99	99	98	Y	98	170	99	91	98	99	Y	97	Y	97
	461030020	3	1/1/2009	12/31/2013			08	170	98	85	99	100	Y	96	170	98	99	89	100	Y	97	170	99	94	97	96	Y	97	Y	97
	461031001	1	1/1/1999	12/31/2013			08	153	90	100	100	93	Y	96	153	100	90	87	93	Y	93	143	100	100	90	97	Y	97	Y	95
	461270001	3	1/1/2009	12/31/2013			08	170	99	97	98	99	Y	98	170	100	99	99	93	Y	98	170	96	99	99	100	Y	98	Y	98
	461270002	1	1/1/2009	12/31/2011			08	153	100	100	100	97	Y	99																99
	461270002	3	1/1/2009	12/31/2013			08	170	99	99	99	99	Y	99	170	99	97	95	93	Y	96	170	99	99	99	100	Y	99	Y	98
TENNESSEE																														
	470090011	1	5/1/2000	12/31/2013			04	118	93	93	97	100	Y	96	118	93	97	93	77	Y	90	118	94	87	87	87	Y	89	Y	92
	470370023	1	1/1/1999	12/31/2013			04	120	96	100	98	100	Y	98	120	100	97	98	95	Y	97	145	98	98	97	98	Y	98	Y	98
	470370023	2	1/1/1999	12/31/2013			04	120	100	100	100	100	Y	100	120	100	93	100	100	Y	98	145	67	100	100	93		90		96
	470370036	1	1/1/1999	12/31/2013			04	120	95	94	95	99	Y	96	120	96	84	97	98	Y	94	145	99	98	93	98	Y	97	Y	96
	470450004	1	8/22/1999	12/31/2013			04	118	84	87	100	90	Y	90	118	94	90	97	97	Y	94	118	93	93	97	90	Y	93	Y	92
	470650031	1	5/6/1999	12/31/2013			04	118	90	77	94	90	Y	88	118	100	100	100	100	Y	100	118	88	100	100	100	Y	97	Y	95
	470651011	1	1/26/2002	12/31/2013			04	118	100	100	100	100	Y	100	118	100	100	94	100	Y	99	118	100	100	100	100	Y	100	Y	100
	470654002	1	1/1/1999	12/31/2013			04	118	80	100	100	97	Y	94	118	97	100	93	100	Y	98	118	100	100	97	81	Y	94	Y	95
	470654002	2	1/1/1999	12/31/2013			04	118	65	33	93	67		65	118	100	100	93	100	Y	98	118	100	97	100	100	Y	99		87
	470930028	1	1/1/1999	12/31/2013			04	118	99	90	96	97	Y	95	118	70	98	98	95		90	118	91	88	92	98	Y	92		92
	470930028	2	4/1/2011	12/31/2013			04	118		100	87	87		91	118	100	100	100	93	Y	98	118	100	93	100	94	Y	97		95
	470931013	1	2/1/2007	12/31/2013			04	118	100	87	93	87	Y	92	118	100	100	100	100	Y	100	118	100	93	93	88	Y	94	Y	95
	470931017	1	1/1/1999	12/31/2013			04	118	92	83	92	96	Y	91	118	69	100	89	88		87	118	81	71	96	97		86		88
	470931017	2	1/1/1999	3/31/2011			04	118	93					93																93
	470931020	1	1/1/1999	12/31/2013			04	118	100	97	96	95	Y	97	118	70	97	98	99		91	118	90	96	93	96	Y	94		94
	470990002	1	10/1/1998	12/31/2013			04	118	88	100	94	97	Y	95	118	94	83	93	93	Y	91	118	84	100	77	97	Y	89	Y	92
	471050108	1	9/1/2003	12/31/2013			04	118	96	93	97	97	Y	96	118	97	90	97	90	Y	94	118	90	97	83	97	Y	92	Y	94
	471071002	1	2/3/2000	12/31/2013			04	118	100	90	85	77	Y	88	118	96	100	90	73		90	118	90	94	90	80	Y	89		89
	471130006	1	11/17/2004	12/31/2013			04	118	97	93	81	90	Y	90	118	94	93	90	87	Y	91	118	88	94	87	91	Y	90	Y	90
	471130006	2	11/17/2004	12/31/2013			04	118	84	97	90	93	Y	91	118	100	93	88	87	Y	92	118	96	87	97	100	Y	95	Y	93
	471192007	1	12/25/1998	12/31/2013			04	118	100	90	84	83	Y	89	118	100	93	87	87	Y	92	118	89	97	97	97	Y	95	Y	92
	471251009	1	10/1/1998	12/31/2013			04	118	93	95	97	98	Y	96	118	97	92	98	94	Y	95	118	96	97	95	94	Y	95	Y	95
	471410005	1	8/15/2006	12/31/2013			04	118	87	100	93	97	Y	94	118	86	93	77	97	Y	88	118	97	100	97	97	Y	98	Y	93
	471450004	1	10/1/1998	12/31/2013			04	118	90	90	97	93	Y	92	118	94	97	100	100	Y	98	118	83	90	90	94	Y	89	Y	93
	471451001	2	2/12/2009	12/31/2013			04	142	100	93	30	0		56																56
	471451001	3	7/23/2010	12/31/2013			04	170	97	98	99	94	Y	97	170	99	95	91	93	Y	94	170	99	96	91	96	Y	96	Y	96
	471453005	3	7/23/2010	12/31/2013			04	170	99	96	92	98	Y	96	170	94	99	99	94	Y	97	170	97	99	95	97	Y	97	Y	97
	471453008	3	7/23/2010	12/31/2013			04	170	93	95	98	95	Y	95	170	97	98	96	95	Y	97	170	97	97	95	100	Y	97	Y	96
	471453009	3	7/23/2010	12/31/2013			04	170	88	98	97	94	Y	94	170	99	98	99	96	Y	98	170	94	98	44	95		83		92
	471453013	3	4/26/2010	12/31/2013			04	170	99	99	95	95	Y	97	170	97	98	97	96	Y	97	170	99	97	94	95	Y	96	Y	97
	471570014	1	12/1/1998	2/20/2011			04	118	95					95																95
	471570047	1	12/1/1998	12/31/2013			04	118	98	91	97	100	Y	97	118	98	94	99	90	Y	95	118	92	86	79	80	Y	84	Y	92
	471570047	2	1/1/1999	12/31/2013			04	118	93	100	100	100	Y	98	118	93	100	100	100	Y	98	118	100	100	87	100	Y	97	Y	98
	471570075	1	2/23/2011	12/31/2013			04	118	87	100	93	97	Y	95	118	96	90	100	87	Y	93	118	96	100	97	94	Y	97	Y	95
	471631007	1	10/1/1998	12/31/2013			04	118	100	100	97	100	Y	99	118	100	97	93	87	Y	94	118	94	94	100	87	Y	94	Y	96
	471650007	1	10/1/1998	12/31/2013			04	118	100	97	97	90	Y	96	118	100	93	97	97	Y	97	118	93	97	90	97	Y	94	Y	96
	471650007	2	10/1/1998	12/31/2013			04	118	97	93	90	87	Y	92	118	100	97	100	100	Y	99	118	90	90	93	94	Y	92	Y	94
TEXAS																														

			Sample Date Range 1*		Sample Date Range 2*			2011 Completeness							2012 Completeness							2013 Completeness							2011-2013	
State	Site	POC	Begin	End	Begin	End	Reg	Meth	Qtr 1 %	Qtr 2 %	Qtr 3 %	Qtr 4 %	All 4 Qtrs 75%	1-Yr %	Meth	Qtr 1 %	Qtr 2 %	Qtr 3 %	Qtr 4 %	All 4 Qtrs 75%	1-Yr %	Meth	Qtr 1 %	Qtr 2 %	Qtr 3 %	Qtr 4 %	All 4 Qtrs 75%	1-Yr %	All Qtrs 75%	3-Yr %
	480290032	1	1/1/2008	12/31/2013			06	145	87	93	94	100	Y	94	145	100	100	100	93	Y	98	145	100	100	100	100	Y	100	Y	97
	480290059	1	1/1/2008	12/31/2013			06	145	87	93	100	100	Y	95	145	93	93	100	100	Y	97	145	100	93	93	100	Y	97	Y	96
	480370004	1	1/6/1999	12/31/2013			06	145	100	100	93	100	Y	98	145	100	100	93	87	Y	95	145	93	93	93	94	Y	94	Y	96
	480612004	5	8/8/2005	6/16/2013			06	145	100	100	93	40		83	145	87	100	100	100	Y	97	145	100	71				86		89
	481130050	5	6/28/2002	12/31/2013			06	145	100	97	97	97	Y	98	145	91	93	84	87	Y	89	145	90	84	93	94	Y	90	Y	92
	481130069	1	1/1/1999	12/31/2013			06	145	97	99	88	89	Y	93	145	99	99	97	92	Y	97	145	98	97	99	97	Y	98	Y	96
	481130069	2	3/31/1999	12/31/2013			06	145	100	93	100	93	Y	97	145	100	100	100	87	Y	97	145	93	80	100	93	Y	92	Y	95
	481130069	4	2/22/2011	12/31/2013			06	170	16	67	84	62		61	170	88	86	91	95	Y	90	170	98	93	97	94	Y	95		82
	481390016	5	9/1/2005	12/31/2013			06	145	93	100	100	100	Y	98	145	87	73	88	87		84	145	93	93	93	100	Y	95		92
	481410037	1	1/1/2005	12/31/2013			06	145	100	100	93	100	Y	98	145	100	100	93	87	Y	95	145	100	93	80	93	Y	92	Y	95
	481410044	1	1/1/2005	12/31/2013			06	145	87	93	100	100	Y	95	145	100	93	100	93	Y	97	145	100	100	74	97		93		95
	481410044	6	1/25/2011	12/31/2013			06	170	91	97	89	92	Y	92	170	92	61	76	76		76	170	95	96	92	91	Y	94		87
	481671034	1	3/1/2013	12/31/2013			06															145	80	100	100	100	Y	98		98
	482010024	5	8/14/2000	12/31/2013			06	145	93	100	74	100		92	145	100	100	87	100	Y	97	145	93	100	93	100	Y	97		95
	482010058	1	1/6/1999	12/31/2013			06	145	93	100	88	100	Y	95	145	97	100	100	93	Y	98	145	100	97	97	100	Y	98	Y	97
	482011035	1	1/1/1999	12/31/2013			06	145	100	92	100	99	Y	98	145	99	95	99	98	Y	98	145	99	98	98	94	Y	97	Y	98
	482011035	2	4/6/1999	12/31/2013			06	145	87	93	100	100	Y	95	145	87	87	77	80	Y	83	145	93	80	80	87	Y	85	Y	88
	482011039	4	1/5/2011	12/31/2013			06	170	98	89	55	71		78	170	91	82	82	78	Y	83	170	91	82	63	81		79		80
	482011039	8	8/10/2013	12/31/2013			06															145			67	87		79		79
	482030002	1	9/1/2005	12/31/2013			06	145	100	100	93	100	Y	98	145	100	100	88	100	Y	97	145	100	100	100	100	Y	100	Y	98
	482150043	1	1/3/1999	12/31/2013			06	145	87	67	94	73		80	145	93	80	61	73		77	145	93	60	47	60		65		74
	483550032	1	1/6/1999	12/31/2013			06	145	89	83	71	67		78	145	97	80	81	97	Y	89	145	93	65	100	97		89		85
	483550032	2	1/19/2000	12/31/2013			06	145	40	93	100	87		80	145	100	87	93	100	Y	95	145	100	87	93	100	Y	95		90
	483550034	5	1/31/2001	12/31/2013			06	145	80	67	74	60		70	145	100	73	88	100		90	145	93	80	100	100	Y	93		84
	484391002	1	1/1/1999	12/31/2013			06	145	100	97	90	100	Y	97	145	96	93	87	83	Y	90	145	100	93	93	100	Y	97	Y	95
	484391006	1	4/1/2001	12/31/2013			06	145	88	80	59	93		80	145	62	100	97	97		89	145	97	87	100	87	Y	93		87
	484530020	5	6/27/2005	12/31/2013			06	145	73	100	100	93		92	145	100	93	80	93	Y	92	145	93	100	100	81	Y	94		93
	484530021	2	1/1/2008	12/31/2013			06	145	87	100	100	80	Y	92	145	87	100	67	73		82	145	60	87	87	87		80		85
UTAH																														
	490030003	1	8/19/2000	12/31/2013			08	145	97	100	94	93	Y	96	145	93	100	97	100	Y	98	145	94	100	73	100		92		95
	490050004	1	2/18/2000	12/31/2013			08	145	100	96	94	97	Y	97	145	100	99	98	89	Y	97	145	100	100	97	92	Y	97	Y	97
	490050004	2	4/21/2004	12/31/2013			08	145	50	83	67	89		72	145	83	89	89	100	Y	90	145	89	100	89	100	Y	95		86
	490110004	1	7/12/2003	12/31/2013			08	145	87	87	100	100	Y	93	145	100	100	100	100	Y	100	145	97	82	93	97	Y	92	Y	95
	490130002	1	1/1/2012	9/9/2012			08								145	85	97	57			80									80
	490137011	1	3/26/2009	12/31/2011			08	182	83	98	100	95	Y	94																94
	490351001	1	7/23/2003	12/31/2013			08	145	100	90	83	87	Y	90	145	100	100	87	97	Y	96	145	100	100	90	91	Y	95	Y	94
	490353006	1	1/1/1998	12/31/2013			08	145	89	94	96	99	Y	94	145	95	99	99	97	Y	97	145	98	90	98	80	Y	92	Y	94
	490353010	1	4/1/2007	12/31/2013			08	145	94	90	99	97	Y	95	145	99	83	98	93	Y	93	145	83	100	95	87	Y	91	Y	93
	490353010	2	5/18/2008	12/31/2013			08	145	78	100	89	89	Y	89	145	100	89	100	89	Y	95	145	89	100	100	83	Y	93	Y	92
	490450003	1	7/6/2005	12/31/2013			08	143	94	93	87	93	Y	92	145	76	100	93	97	Y	92	145	94	93	83	87	Y	90	Y	91
	490471003	1	1/1/2012	9/9/2012			08								145	100	90	57			82									82
	490475632	1	1/1/2012	12/31/2013			08								116	93	80	100	100	Y	93	116	100	100	0	0		50		72
	490475632	3	1/1/2012	12/31/2013			08								170	95	99	100	97	Y	98	170	87	99	0	0		46		72
	490490002	1	1/1/1998	12/31/2013			08	145	86	87	84	85	Y	85	145	100	93	93	90	Y	94	145	94	99	92	98	Y	96	Y	92
	490494001	1	1/1/1998	12/31/2013			08	145	100	84	99	99	Y	95	145	63	97	98	75		83	145	94	99	98	96	Y	97		92
	490494001	2	3/22/2003	12/31/2013			08	145	56	72	100	89		79	145	100	89	100	89	Y	95	145	100	72	83	100		89		88
	490495008	1	3/22/2000	1/31/2011			08	145	100					100																100
	490495010	1	1/1/1999	12/31/2013			08	145	100	93	87	97	Y	94	145	88	100	100	100	Y	97	145	100	100	83	100	Y	96	Y	96
	490530130	1	1/7/2009	7/31/2013			08	170	93	95	85	98	Y	93	170	82	97	78	100	Y	89	170	84	80	71			81		88
	490570002	1	7/1/2001	12/31/2013			08	145	92	92	99	97	Y	95	145	100	82	99	91	Y	93	145	83	100	99	84	Y	91	Y	93
	490571003	1	11/5/2000	6/18/2013	6/21/2013	12/31/2013	08	143	93	100	87	90	Y	93	143	86	90	100	100	Y	94	145	91	100	73	78		85		91
VERMONT																														
	500030004	1	6/22/2008	12/31/2013			01	145	100	97	67	87		88	145	94	73	90	90		87	145	96	94	90	97	Y	94		90
	500070007	1	1/3/2007	12/31/2013			01	145	90	97	67	87		85	145	94	90	91	97	Y	93	145	100	100	60	82		85		88
	500070012	1	7/29/1999	12/31/2013			01	145	100	100	67	60		82	145	79	97	97	97	Y	92	145	100	100	83	67		88		87
	500070012	2	1/7/2000	12/31/2013			01	145	93	100	67	93		88	145	90	80	97	93	Y	90	145	90	87	93	100	Y	93		90
	500070014	1	1/1/2013	12/31/2013			01															179	51	83	70	77		70		70
	500210002	1	1/25/2004	12/31/2013			01	145	97	93	64	100		88	145	84	97	97	90	Y	92	145	100	97	90	84	Y	93		91
	500210002	2	1/1/2013	12/31/2013			01															179	23	42	60	81		51		51
VIRGINIA																														
	510030001	1	4/1/2008	12/31/2013			03	118	100	93	100	97	Y	98	118	97	100	97	100	Y	98	118	97	94	100	100	Y	98	Y	98

			Sample Date Range 1*		Sample Date Range 2*			2011 Completeness							2012 Completeness							2013 Completeness							2011-2013	
State	Site	POC	Begin	End	Begin	End	Reg	Meth	Qtr 1 %	Qtr 2 %	Qtr 3 %	Qtr 4 %	All 4 Qtrs 75%	1-Yr %	Meth	Qtr 1 %	Qtr 2 %	Qtr 3 %	Qtr 4 %	All 4 Qtrs 75%	1-Yr %	Meth	Qtr 1 %	Qtr 2 %	Qtr 3 %	Qtr 4 %	All 4 Qtrs 75%	1-Yr %	All Qtrs 75%	3-Yr %
	510130020	1	1/1/1999	12/31/2013			03	118	0	0	87	97		46	118	100	100	90	100	Y	98	118	100	100	100	100	Y	100		81
	510130020	2	1/1/1999	12/31/2013			03	118	0	0	74	100		44	118	94	100	97	87	Y	94	118	90	100	100	93	Y	96		78
	510360002	1	1/1/1999	12/31/2013			03	118	100	97	87	83	Y	92	118	93	90	100	80	Y	91	118	88	100	100	100	Y	97	Y	93
	510410003	1	1/1/1999	12/31/2013			03	118	100	100	100	100	Y	100	118	100	100	97	90	Y	97	118	90	33	100	100		81		93
	510590030	1	1/1/1999	12/31/2013			03	118	95	100	97	96	Y	97	118	99	89	91	99	Y	95	118	92	100	98	96	Y	96	Y	96
	510690010	1	11/8/2007	12/31/2013			03	118	100	100	87	83	Y	93	118	100	100	100	100	Y	100	118	100	97	100	100	Y	99	Y	97
	510870014	1	1/1/1999	12/31/2013			03	118	97	95	83	99	Y	93	118	98	89	97	99	Y	96	118	94	97	98	98	Y	97	Y	95
	510870014	2	11/1/2004	12/31/2013			03	118	100	97	94	93	Y	96	118	91	77	90	100	Y	89	118	100	100	100	100	Y	100	Y	95
	510870015	1	1/1/1999	12/31/2013			03	118	56	97	97	100		87	118	97	100	100	100	Y	99	118	97	100	100	100	Y	99		95
	511071005	1	1/1/1999	12/31/2013			03	118	100	93	97	100	Y	98	118	85	93	93	93	Y	91	118	94	87	100	80	Y	90	Y	93
	511390004	1	10/1/1999	12/31/2013			03	118	97	100	97	100	Y	98	118	100	97	100	97	Y	98	118	100	94	100	97	Y	98	Y	98
	511611004	1	6/29/2013	12/31/2013			03															118		100	98	99		99		99
	511650003	1	1/3/2007	12/31/2013			03	118	100	100	90	100	Y	98	118	100	97	97	93	Y	97	118	100	100	97	100	Y	99	Y	98
	515100009	1	1/2/2010	1/4/2012			03	118	90	97	90	93	Y	93	118	100					100									97
	515200006	1	1/1/1999	12/31/2013			03	118	100	100	100	100	Y	100	118	100	100	100	100	Y	100	118	81	94	100	94	Y	92	Y	97
	516500008	1	6/13/2010	12/31/2013			03	118	100	100	97	97	Y	98	118	100	100	100	93	Y	98	118	93	84	100	97	Y	93	Y	96
	516800015	1	4/1/2003	12/31/2013			03	118	93	90	90	97	Y	93	118	97	93	93	93	Y	94	118	100	91	100	93	Y	96	Y	94
	517100024	1	1/1/1999	12/31/2013			03	118	100	97	94	100	Y	98	118	100	97	97	100	Y	98	118	100	100	97	100	Y	99	Y	98
	517100024	2	1/1/1999	12/31/2013			03	118	100	100	93	100	Y	98	118	93	100	100	100	Y	98	118	100	100	100	100	Y	100	Y	99
	517700015	1	10/17/2006	3/7/2013			03	118	87	97	98	97	Y	95	118	87	100	97	96	Y	95	118	93					93		94
	517750011	1	11/1/2008	12/31/2013			03	118	97	97	85	90	Y	92	118	100	73	94	93		90	118	91	74	100	90		89		90
	518100008	1	1/1/1999	12/31/2013			03	118	94	100	90	99	Y	96	118	94	92	97	95	Y	94	118	100	94	99	98	Y	98	Y	96
WASHINGTON																														
	530070011	3	12/18/2012	12/31/2013			10								581				95		95	581	96	35	60	62		63		79
	530110013	1	1/1/2007	3/31/2013			10	118	100	78	93	100	Y	93	118	91	100	100	97	Y	97	118	96					96		95
	530110013	3	10/1/2011	8/27/2013			10	581				91		91	581	90	98	93	93	Y	93	581	67	100	97			87		90
	530110023	3	9/4/2013	12/31/2013			10															581			82	95		92		92
	530330057	3	12/27/2010	12/31/2013			10	181	92	94	98	99	Y	96	181	96	99	99	98	Y	98	181	98	99	99	79	Y	94	Y	96
	530330080	1	11/1/1998	12/31/2013			10	118	100	93	91	100	Y	96	118	94	100	66	90		87	118	84	94	97	100	Y	94		92
	530330080	3	3/1/2010	12/31/2013			10	181	97	99	97	85	Y	94	181	96	96	94	99	Y	96	181	99	98	99	99	Y	99	Y	96
	530332004	3	12/17/2010	12/31/2013			10	181	95	97	89	92	Y	94	181	97	98	83	99	Y	94	181	98	99	99	98	Y	98	Y	95
	530350007	3	5/1/2012	12/31/2013			10								181		92	99	60		83	181	99	81	99	99	Y	94		89
	530470013	1	10/23/2010	4/3/2011			10	118	84	100				88																88
	530530029	1	10/3/1999	12/31/2013			10	118	100	99	96	92	Y	97	118	98	96	91	97	Y	95	118	81	93	96	95	Y	91	Y	94
	530530029	2	4/3/2012	12/31/2013			10								118		83	61	100		81	118	83	100	100	100	Y	96		89
	530530029	3	12/27/2010	12/31/2013			10	181	97	91	99	97	Y	96	181	98	98	95	98	Y	97	181	93	97	98	98	Y	96	Y	96
	530530029	4	12/16/2010	5/31/2012			10	181	97	97	92	98	Y	96	181	97	95				96									96
	530570011	3	1/1/2013	12/31/2013			10															181	99	95	30	77		75		75
	530610005	3	1/6/2011	12/31/2013			10	181	95	99	84	95	Y	93	181	96	99	79	78	Y	88	181	90	92	95	99	Y	94	Y	92
	530610005	4	9/18/2013	12/31/2013			10															181			94	99		98		98
	530610020	1	7/21/2006	3/31/2012			10	118	100	100	91	97	Y	97	118	81					81									89
	530610020	3	12/28/2010	12/31/2013			10	181	97	99	98	97	Y	98	181	93	92	95	90	Y	93	181	98	98	97	97	Y	98	Y	96
	530611007	1	10/28/1998	3/31/2012			10	118	100	100	84	97	Y	95	118	93					93									94
	530611007	3	1/6/2011	12/31/2013			10	181	93	85	91	99	Y	92	181	97	94	99	97	Y	97	181	99	73	79	90		85		91
	530611007	4	7/1/2012	12/31/2013			10								181			92	97		94	181	98	92	51	98		85		90
	530630021	1	3/29/2009	12/31/2013			10	118	100	100	94	100	Y	99	118	100	100	88	73		90	118	100	93	87	100	Y	95		95
	530630021	2	4/7/2009	3/22/2012			10	118	83	44	100	100		82	118	67					67									75
	530670013	1	11/3/2013	3/30/2014			10															118				95		95		95
	530730015	3	11/29/2012	12/31/2013			10								581				84		84	581	97	99	88	82	Y	91		88
	530770009	1	2/2/2007	12/31/2013			10	118	90	97	94	97	Y	94	118	97	90	87	73		87	118	97	87	73	87		86		89
	530770009	3	10/3/2011	12/31/2013			10	181				82		82	181	97	87	97	99	Y	95	181	100	98	87	98	Y	96		91
WEST VIRGINIA																														
	540030003	1	2/14/1999	12/31/2013			03	143	100	97	100	100	Y	99	143	100	90	87	97	Y	93	143	100	97	100	100	Y	99	Y	97
	540090005	1	1/3/1999	12/31/2013			03	145	100	93	97	100	Y	98	145	97	100	100	100	Y	99	145	100	100	100	100	Y	100	Y	99
	540090011	1	1/3/1999	12/31/2013			03	145	90	37	20	100		62	145	94	90	94	100	Y	94	145	97	100	100	100	Y	99		85
	540090011	2	1/3/1999	12/31/2013			03	145	100	44	17	67		57	145	100	100	100	100	Y	100	145	100	89	100	83	Y	93		83
	540110006	1	1/3/1999	12/31/2013			03	143	93	97	94	97	Y	95	143	90	93	97	97	Y	94	143	89	97	100	97	Y	96	Y	95
	540110006	2	1/24/2007	12/31/2013			03	143	89	83	72	100		86	143	100	83	72	89		86	143	100	89	100	100	Y	97		90
	540291004	1	1/3/1999	12/31/2013			03	145	93	93	100	97	Y	96	145	100	93	100	100	Y	98	145	100	100	100	100	Y	100	Y	98
	540330003	1	1/3/1999	12/31/2013			03	143	100	73	10	93		69	143	100	93	100	83	Y	94	145	100	97	93	100	Y	98		87
	540390010	1	5/12/2000	12/31/2013			03	145	87	83	91	97	Y	89	145	100	100	87	97	Y	96	145	97	97	80	100	Y	94	Y	93

			Sample Date Range 1*		Sample Date Range 2*			2011 Completeness							2012 Completeness							2013 Completeness							2011-2013	
State	Site	POC	Begin	End	Begin	End	Reg	Meth	Qtr 1 %	Qtr 2 %	Qtr 3 %	Qtr 4 %	All 4 Qtrs 75%	1-Yr %	Meth	Qtr 1 %	Qtr 2 %	Qtr 3 %	Qtr 4 %	All 4 Qtrs 75%	1-Yr %	Meth	Qtr 1 %	Qtr 2 %	Qtr 3 %	Qtr 4 %	All 4 Qtrs 75%	1-Yr %	All Qtrs 75%	3-Yr %
	540391005	1	1/3/1999	12/31/2013			03	145	100	97	100	97	Y	98	145	100	97	97	87	Y	95	145	93	97	97	97	Y	96	Y	96
	540490006	1	1/1/2000	12/31/2013			03	145	100	100	100	100	Y	100	145	100	100	100	100	Y	100	145	100	100	100	100	Y	100	Y	100
	540511002	1	1/3/1999	12/31/2013			03	145	97	90	100	100	Y	97	145	100	100	97	100	Y	99	145	94	100	93	100	Y	97	Y	98
	540610003	1	1/3/1999	12/31/2013			03	145	100	100	100	100	Y	100	145	100	80	90	100	Y	93	145	100	100	87	100	Y	97	Y	97
	540690010	1	1/1/2005	12/31/2013			03	145	100	100	100	100	Y	100	145	100	100	97	97	Y	98	145	100	97	100	100	Y	99	Y	99
	540810002	1	1/3/1999	12/31/2013			03	143	96	100	94	93	Y	96	143	100	97	100	100	Y	99	145	100	93	100	100	Y	98	Y	98
	541071002	1	1/3/1999	12/31/2013			03	145	100	97	100	100	Y	99	145	91	83	90	100	Y	91	145	100	90	93	80	Y	91	Y	94
WISCONSIN																														
	550030010	1	7/25/2002	12/31/2013			05	117	93	100	100	100	Y	98	117	100	100	94	87	Y	95	117	87	87	73	88		84		92
	550030010	2	7/25/2002	12/31/2013			05	117	67	87	93	100		87	117	87	100	93	93	Y	93	117	73	93	87	81		84		88
	550090005	1	1/1/1999	12/31/2013			05	118	95	99	95	99	Y	97	118	100	93	97	95	Y	96	118	85	98	97	68		87		93
	550090005	2	4/1/2004	12/31/2013			05	118	100	100	89	100	Y	97	118	100	78	89	83	Y	88	118	100	83	100	72		89		91
	550090005	3	2/2/2010	10/3/2011			05	181	99	83	33	0		65																65
	550250041	1	9/6/2011	12/31/2013			05	118			100	93		95	118	100	100	100	100	Y	100	118	100	100	100	93	Y	98		98
	550250041	3	4/1/2010	8/15/2011			05	181	99	97	98			98																98
	550250047	1	1/3/1999	12/31/2013			05	118	87	98	100	91	Y	94	118	86	100	95	93	Y	94	118	92	94	95	94	Y	94	Y	94
	550270001	1	12/18/2009	12/31/2013			05	118	100	97	100	100	Y	99	118	93	90	97	93	Y	93	118	89	100	87	84	Y	90	Y	94
	550270001	3	2/3/2010	8/26/2011			05	170	100	91	98			96																96
	550350014	1	4/1/2011	12/31/2013			05	118		93	100	100		98	118	93	93	93	100	Y	95	118	100	93	93	87	Y	93		95
	550350100	1	3/17/2009	3/30/2011			05	118	87					87																87
	550410007	1	2/1/2004	12/31/2013			05	117	20	80	87	73		65	117	80	73	81	87		80	117	93	93	73	64		81		75
	550410007	3	1/31/2011	2/9/2012			05	170	81	97	96	96	Y	92	170	97					97									95
	550430009	1	1/6/1999	12/31/2013			05	118	94	93	97	93	Y	94	118	96	93	97	97	Y	96	118	96	84	83	80	Y	86	Y	92
	550590019	1	8/31/2011	8/31/2011	9/1/2011	12/31/2013	05	118			90	100		96	118	100	97	91	93	Y	95	118	94	100	100	80	Y	93		95
	550590019	3	6/24/2010	9/8/2011			05	181	91	99	95			95																95
	550630012	1	12/7/2005	1/4/2011	9/1/2011	12/31/2013	05	118	100		100	97		98	118	100	100	100	93	Y	98	118	97	100	93	93	Y	96		97
	550630012	3	7/14/2010	8/26/2011			05	181	99	100	99			99																99
	550790010	2	1/1/1999	12/31/2013			05	118	86	89	94	89	Y	89	118	100	93	97	93	Y	96	118	83	84	93	54		79		88
	550790026	1	1/1/1999	12/31/2013			05	118	100	93	100	93	Y	97	118	87	100	100	100	Y	97	118	100	93	100	87	Y	95	Y	96
	550790026	2	4/1/2004	12/31/2013			05	118	100	83	83	83	Y	88	118	83	100	100	100	Y	96	118	100	100	100	78	Y	94	Y	93
	550790026	3	10/14/2010	8/19/2011			05	170	98	98	99			98																98
	550790058	1	11/3/2009	12/31/2013			05	118	100	93	39	80		78	118	93	93	93	100	Y	95	118	100	93	100	67		90		88
	550790099	1	1/1/2012	12/31/2013			05								118	100	100	100	93	Y	98	118	87	93	100	80	Y	90		94
	550870009	1	1/1/1999	12/31/2013			05	118	93	97	100	97	Y	97	118	100	76	74	89		85	118	88	99	94	83	Y	91		91
	550890009	1	1/1/2011	12/31/2013			05	118	93	93	94	93	Y	94	118	100	93	100	87	Y	95	118	100	100	100	74		94		94
	551110007	1	1/1/2011	12/31/2013			05	118	100	100	100	100	Y	100	118	100	93	100	93	Y	97	118	93	93	100	93	Y	95	Y	97
	551110007	2	5/9/2003	12/31/2013			05	118	89	89	100	100	Y	95	118	100	100	100	83	Y	96	118	100	83	100	100	Y	96	Y	96
	551110007	7	11/14/2011	3/2/2012			05	170				49		49	170	88					88									69
	551110007	8	11/14/2011	3/2/2012			05	170				93		93	170	88					88									91
	551198001	1	5/3/2003	12/31/2013			05	118	93	100	100	93	Y	97	118	100	100	100	93	Y	98	118	100	87	93	100	Y	95	Y	97
	551198001	3	2/28/2012	3/6/2012			05								170	78					78									78
	551250001	1	1/1/1999	12/31/2013			05	118	87	73	100	93		88	118	93	67	80	100		85	118	93	53	87	49		71		81
	551330027	2	1/1/1999	12/31/2013			05	118	93	93	100	100	Y	97	118	93	100	100	100	Y	98	118	80	93	100	56		82		92
WYOMING																														
	560010006	1	7/12/2009	12/31/2013			08	143	79	100	94	90	Y	91	143	100	87	77	80	Y	86	143	93	100	87	97	Y	94	Y	90
	560050800	1	10/1/2011	12/12/2012			08	170				68		68	170	80	84	93	87	Y	86									77
	560050891	3	4/28/2010	12/31/2013			08	182	85	66	64	0		54	182	0	0	89	94		46	170	97	54	39	25		54		51
	560050892	3	4/26/2010	12/31/2013			08	182	65	79	91	0		59	182	0	3	26	22		13	170	0	19	100	99		55		42
	560050892	4	6/14/2013	12/31/2013			08															170		94	100	99		99		99
	560051899	3	4/28/2010	12/31/2013			08	182	0	43	94	0		34	182	22	0	58	99		45	170	99	79	99	99	Y	94		58
	560071000	1	12/11/2013	12/31/2013			08															170				100		100		100
	560090801	1	12/17/2012	12/31/2013			08								170				97		97	170	99	97	97	99	Y	98		98
	560090819	3	5/26/2010	12/31/2013			08	182	60	0	97	0		39	182	0	6	58	46		27	170	89	92	0	0		45		37
	560130900	1	1/27/2011	4/17/2012			08	170	66	98	96	99		90	170	100	0				75									83
	560131003	1	11/15/2001	12/31/2013			08	143	100	93	78	100	Y	93	143	89	97	84	63		83	143	67	97	100	100		91		89
	560210001	1	10/15/1998	12/31/2013			08	143	84	93	87	97	Y	90	143	97	100	91	90	Y	94	143	100	97	97	90	Y	96	Y	93
	560210001	2	4/7/2009	12/31/2013			08	143	80	100	93	93	Y	92	117	87	100	100	72		90	117	100	100	89	83	Y	93		92
	560210100	1	1/1/2011	6/30/2012			08	177	100	93	80	100	Y	93	177	97	93				95									94
	560210100	2	1/1/2011	6/30/2012	7/1/2012	12/31/2013	08	177	100	100	93	100	Y	98	177	100	73	50	40		66	143	28	83	89	89		72		79
	560210100	3	1/1/2011	12/31/2013			08	170	99	99	99	98	Y	99	170	99	96	89	100	Y	96	170	97	73	99	99		92		96
	560250001	1	5/19/2009	12/31/2013			08	143	100	100	100	93	Y	98	143	100	100	90	87	Y	94	143	96	87	97	97	Y	94	Y	95

			Sample Date Range 1*		Sample Date Range 2*			2011 Completeness							2012 Completeness							2013 Completeness							2011-2013	
State	Site	POC	Begin	End	Begin	End	Reg	Meth	Qtr 1 %	Qtr 2 %	Qtr 3 %	Qtr 4 %	All 4 Qtrs 75%	1-Yr %	Meth	Qtr 1 %	Qtr 2 %	Qtr 3 %	Qtr 4 %	All 4 Qtrs 75%	1-Yr %	Meth	Qtr 1 %	Qtr 2 %	Qtr 3 %	Qtr 4 %	All 4 Qtrs 75%	1-Yr %	All Qtrs 75%	3-Yr %
	560290001	1	6/4/2008	12/31/2013			08	143	96	100	100	97	Y	98	143	93	97	97	90	Y	94	143	86	90	100	90	Y	92	Y	95
	560330002	1	10/1/1998	8/15/2012	9/15/2012	12/31/2013	08	143	94	97	97	100	Y	97	143	100	100	100	100	Y	100	143	100	100	100	83	Y	96	Y	98
	560330002	2	10/1/1998	8/15/2012	9/15/2012	12/31/2013	08	143	93	93	100	100	Y	97	117	93	100	69	100		91	117	100	100	89	100	Y	97		95
	560330003	1	9/1/2005	5/30/2012			08	143	90	87	74	100		88	143	97	85				92									90
	560331003	1	7/1/2012	7/2/2012	7/3/2012	12/31/2013	08								143			100	100		100	143	100	97	100	93	Y	98		99
	560350097	1	1/1/2011	10/1/2013			08	170	89	91	96	94	Y	92	170	96	98	98	94	Y	97	170	91	96	98	0		85		91
	560350101	1	1/1/2009	12/31/2013			08	170	97	98	96	95	Y	96	170	97	100	100	97	Y	99	170	95	97	98	99	Y	97	Y	97
	560350700	1	3/30/2011	12/31/2013			08	170	0	84	97	97		83	170	99	99	67	88		88	170	99	90	83	60		83		85
	560350705	1	7/1/2005	6/30/2012			08	143	100	100	100	93	Y	98	143	100	87				93									96
	560370007	1	2/1/2008	12/31/2013			08	143	88	90	97	100	Y	94	143	100	100	100	100	Y	100	143	100	100	100	97	Y	99	Y	98
	560370100	1	3/2/2013	12/31/2013			08															170	86	99	99	98	Y	98		98
	560370870	1	8/25/2011	12/31/2012			08	117			0	83		50	117	97	83	93	87	Y	90									70
	560370870	2	8/25/2011	12/31/2012			08	117			0	70		42	117	97	83	93	87	Y	90									66
	560391006	1	6/8/2007	12/31/2013			08	143	90	100	94	83	Y	92	143	96	93	84	87	Y	90	143	84	97	90	90	Y	90	Y	91
PUERTO RICO																														
	720010002	1	11/2/2011	8/7/2012	11/2/2012	12/31/2013	02	118				70		70	118	87	80	64	90		81	118	77	75	70	84		76		76
	720210009	1	11/2/2011	12/31/2013			02	118				95		95	118	97	90	87	97	Y	93	118	93	94	50	65		76		88
	720530003	1	4/20/1999	7/1/2012			02	118	84	63	84	77		77	118	97	63	0			69									73
	720570008	1	1/15/1999	11/23/2013			02	118	15	97	88	77		69	118	93	83	94	100	Y	92	118	64	90	87	79		80		80
	720590016	1	11/2/2011	8/2/2012	10/27/2012	12/31/2013	02	118				70		70	118	82	83	25	100		77	118	97	87	93	90	Y	92		80
	720610005	1	1/15/1999	12/31/2013			02	118	60	83	87	90		80	118	97	80	91	97	Y	91	118	93	93	83	97	Y	92		88
	720610005	2	4/8/2011	12/31/2013			02	118		0	7	7		4	118	93	93	93	100	Y	95	118	80	100	100	87	Y	92		64
	720690001	1	11/2/2011	12/31/2013			02	118				90		90	118	90	90	90	87	Y	89	118	84	84	93	100	Y	90		90
	720970006	1	5/27/2011	10/1/2013	11/1/2013	12/31/2013	02	118		90	90	97		93	118	100	87	97	93	Y	94	118	94	87	27	53		65		84
	721130004	1	1/15/1999	8/7/2012	10/24/2012	12/31/2013	02	118	96	100	47	70		78	118	83	83	64	89		81	118	97	100	90	97	Y	96		85
	721270003	1	5/11/2011	8/10/2012			02	118		67	39	90		65	118	91	100	45			83									74
	721270003	2	11/7/2011	1/31/2012	2/15/2012	6/21/2012	02								118	67	72				69									69
VIRGIN ISLANDS																														
	780100012	1	1/12/1999	12/31/2013			02								116	53	47	32	93		56									56
	780100012	2	7/1/2002	12/31/2013			02								116	20	33	7	47		27									27

*** End dates greater than 12/31/2013 are listed as 12/31/2013.**

Attachment 1b: Monitor types

			Monitor Type by Year from AMP 430			Monitor Types with Begin/End Dates* from AMP 500								
State	Site	POC	2011	2012	2013	Mon Type 1	Begin Date 1	End Date 1	Mon Type 2	Begin Date 2	End Date 2	Mon Type 3	Begin Date 3	End Date 3
ALABAMA														
	010030010	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2000	12/31/2013						
	010270001	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	010331002	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	010491003	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	010550010	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2000	12/31/2013						
	010690003	1	SLAMS	SLAMS	SLAMS	SLAMS	1/7/2005	12/31/2013						
	010730023	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	010730023	2	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	010730023	3			NON-REGULATORY	SPECIAL PURPOSE	1/1/1999	12/31/2011	SPECIAL PURPOSE	2/18/2013	12/31/2013			
	010731005	1	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	1/3/1999	12/31/2013						
	010731005	2	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	1/3/1999	12/31/2013						
	010731009	1	SPECIAL PURPOSE			SPECIAL PURPOSE	1/1/2000	12/31/2011						
	010731009	2	SPECIAL PURPOSE			SPECIAL PURPOSE	1/1/2000	12/31/2011						
	010731010	1	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	1/1/2004	12/31/2013						
	010731010	2	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	1/1/2004	12/31/2013						
	010732003	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	010732003	2	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	010732006	1	SPECIAL PURPOSE			SPECIAL PURPOSE	1/3/1999	12/31/2011						
	010732006	2	SPECIAL PURPOSE			SPECIAL PURPOSE	1/3/1999	12/31/2011						
	010735002	1	SLAMS			SLAMS	1/3/1999	12/31/2011						
	010735002	2	SLAMS			SLAMS	1/3/1999	12/31/2011						
	010735003	1	SPECIAL PURPOSE			SPECIAL PURPOSE	1/1/2000	12/31/2011						
	010735003	2	SPECIAL PURPOSE			SPECIAL PURPOSE	1/1/2000	12/31/2011						
	010736004	1			SPECIAL PURPOSE	SPECIAL PURPOSE	7/1/2013	12/31/2013						
	010890014	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	010970003	1	SLAMS	SLAMS	SLAMS	SLAMS	7/19/2002	12/31/2013						
	010972005	1	SPECIAL PURPOSE			SPECIAL PURPOSE	1/1/1999	12/31/2011						
	011011002	1	SLAMS	SLAMS	SLAMS	SLAMS	1/16/2009	12/31/2013						
	011011002	2	SLAMS	SLAMS	SLAMS	SLAMS	1/16/2009	12/31/2013						
	011030011	1	SLAMS	SLAMS	SLAMS	SLAMS	8/7/2001	12/31/2013						
	011130001	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	011130001	2	SLAMS	SLAMS	SLAMS	SLAMS	5/17/2004	12/31/2013						
	011170006	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	011210002	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	011250004	1	SLAMS	SLAMS	SLAMS	SLAMS	10/1/2002	12/31/2013						
	011270002	1	SLAMS			SLAMS	1/1/1999	12/1/2011						
ALASKA														
	020200018	1	SLAMS			SLAMS	11/10/1998	12/31/2013						
	020200018	3	SPECIAL PURPOSE	SLAMS	SLAMS	SPECIAL PURPOSE	1/1/2009	12/31/2011	SLAMS	1/1/2012	12/31/2013			
	020200052	3	SPECIAL PURPOSE	SPECIAL PURPOSE		SPECIAL PURPOSE	1/1/2009	12/31/2013						
	020201004	3	SPECIAL PURPOSE	SLAMS	SLAMS	SPECIAL PURPOSE	1/1/2009	12/31/2011	SLAMS	1/1/2012	12/31/2013			
	020900010	1	SLAMS	SLAMS	SLAMS	SLAMS	10/23/1998	12/31/2013						
	020900010	2	SLAMS	SLAMS	SLAMS	SLAMS	10/23/1998	4/30/2013						
	020900033	1	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	12/20/2008	3/31/2013						
	020900034	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2011	12/31/2013						
	020900034	2			SLAMS	SLAMS	5/8/2013	12/31/2013						
	020900035	1		SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	3/1/2012	12/31/2013						
	021100004	1	SPECIAL PURPOSE			SPECIAL PURPOSE	8/21/2009	3/31/2011						
	021100004	3	SLAMS	SLAMS	SLAMS	SLAMS	8/21/2009	12/31/2013						
	021220008	3	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	10/20/2011	12/31/2013						
	021700008	1	SLAMS	SPECIAL PURPOSE	SPECIAL PURPOSE	SLAMS	12/19/1998	8/10/2011	SPECIAL PURPOSE	8/11/2011	12/31/2013			
	021700008	3	SLAMS	SLAMS	SLAMS	SLAMS	8/11/2011	12/31/2013						

			Monitor Type by Year from AMP 430			Monitor Types with Begin/End Dates* from AMP 500								
State	Site	POC	2011	2012	2013	Mon Type 1	Begin Date 1	End Date 1	Mon Type 2	Begin Date 2	End Date 2	Mon Type 3	Begin Date 3	End Date 3
	021700012	1		SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	10/5/2012	12/31/2013						
	021700012	3	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	1/1/2010	12/31/2013						
	021700013	1	SPECIAL PURPOSE	SPECIAL PURPOSE		SPECIAL PURPOSE	1/1/2011	10/4/2012						
	021700013	3	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	1/1/2011	12/31/2013						
ARIZONA														
	040011235	1	TRIBAL MONITORS	TRIBAL MONITORS		TRIBAL MONITORS	11/1/1986	12/31/2013						
	040011235	2	TRIBAL MONITORS	TRIBAL MONITORS		TRIBAL MONITORS	11/1/1986	12/31/2013						
	040031005	1	SLAMS	SLAMS	SLAMS	SLAMS	1/12/1999	6/30/2013						
	040031005	3			SLAMS	SLAMS	7/1/2013	12/31/2013						
	040051008	1	SLAMS	SLAMS	SLAMS	SLAMS	1/6/1999	12/31/2013						
	040130019	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2004	12/31/2013						
	040130019	2	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2004	12/31/2013						
	040130019	3	SLAMS	SLAMS	SLAMS	SLAMS	5/1/2010	12/31/2013						
	040131003	1	SLAMS	SLAMS		SLAMS	4/28/2005	1/31/2012						
	040131003	3		SLAMS	SLAMS	SLAMS	11/1/2012	12/31/2013						
	040131004	3	SLAMS	SLAMS	SLAMS	SLAMS	9/1/2011	12/31/2013						
	040132001	3	SLAMS	SLAMS	SLAMS	SLAMS	6/1/2011	12/31/2013						
	040134003	1	SLAMS	SLAMS		SLAMS	1/1/2005	7/1/2012						
	040134003	3	SLAMS	SLAMS	SLAMS	SLAMS	5/1/2010	12/31/2013						
	040134005	3		SLAMS	SLAMS	SLAMS	3/1/2012	12/31/2013						
	040134009	7	NON-REGULATORY			SPECIAL PURPOSE	5/2/2010	12/31/2013						
	040134009	8	NON-REGULATORY			SPECIAL PURPOSE	5/2/2010	12/31/2013						
	040134009	9	NON-REGULATORY			SPECIAL PURPOSE	5/2/2010	12/31/2013						
	040137020	1	TRIBAL MONITORS	TRIBAL MONITORS	TRIBAL MONITORS	TRIBAL MONITORS	5/14/2004	12/31/2013						
	040137020	2	TRIBAL MONITORS	TRIBAL MONITORS	TRIBAL MONITORS	TRIBAL MONITORS	5/14/2004	12/31/2013						
	040139812	3	SLAMS	SLAMS	SLAMS	SLAMS	5/1/2010	12/31/2013						
	040139997	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	040139997	2	QA COLLOCATED			QA COLLOCATED	4/8/2009	6/30/2011						
	040139997	3	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2011	12/31/2013						
	040151000	1	NON-REGULATORY	NON-REGULATORY	NON-REGULATORY	TRIBAL MONITORS	5/1/2000	12/31/2013						
	040190011	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	040191028	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	040191028	3	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2011	12/31/2013						
	040210001	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2006	12/31/2013						
	040210001	2	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2009	12/31/2013						
	040213002	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2006	12/31/2013						
	040213013	1	SPECIAL PURPOSE	SLAMS	SLAMS	SPECIAL PURPOSE	8/14/2005	12/31/2011	SLAMS	1/1/2012	12/31/2013			
	040213013	2		SLAMS	SLAMS	SLAMS	1/1/2012	12/31/2013						
	040230004	1	SLAMS	SLAMS	SLAMS	SLAMS	1/6/1999	12/31/2013						
	040230004	2	SLAMS	SLAMS	SLAMS	SLAMS	1/6/1999	12/31/2013						
	040230004	3			SPECIAL PURPOSE	SPECIAL PURPOSE	4/1/2013	12/31/2013						
	040252002	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2008	12/31/2013						
	040278011	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2010	6/30/2013						
	040278011	3			SLAMS	SLAMS	7/1/2013	12/31/2013						
ARKANSAS														
	050010011	1	SLAMS	SLAMS	SLAMS	SLAMS	8/10/2001	12/31/2013						
	050010011	2	SLAMS	SLAMS		SLAMS	8/10/2001	12/31/2012						
	050030005	1	SLAMS	SLAMS	SLAMS	SLAMS	5/7/2001	12/31/2013						
	050350005	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2005	12/31/2013						
	050450002	1	SLAMS	SLAMS		SLAMS	4/28/2000	6/30/2012						
	050450002	2	SLAMS	SLAMS		SLAMS	4/28/2000	6/30/2012						
	050510003	1	SLAMS	SLAMS	SLAMS	SLAMS	2/5/2003	12/31/2013						
	050510003	2		SLAMS	SLAMS	SLAMS	7/1/2012	12/31/2013						
	050670001	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2006	12/31/2013						

			Monitor Type by Year from AMP 430			Monitor Types with Begin/End Dates* from AMP 500								
State	Site	POC	2011	2012	2013	Mon Type 1	Begin Date 1	End Date 1	Mon Type 2	Begin Date 2	End Date 2	Mon Type 3	Begin Date 3	End Date 3
	051070001	1	SLAMS	SLAMS		SLAMS	4/5/1999	6/30/2012						
	051130002	1	SLAMS	SLAMS	SLAMS	SLAMS	3/30/1999	12/31/2013						
	051150003	1	SLAMS	SLAMS		SLAMS	2/26/1999	6/30/2012						
	051190007	1	SLAMS	SLAMS	SLAMS	SLAMS	1/22/1999	12/31/2013						
	051190007	2	SLAMS	SLAMS	SLAMS	SLAMS	1/22/1999	12/31/2013						
	051191004	1	SLAMS	SLAMS	SLAMS	SLAMS	9/8/2000	12/31/2013						
	051191008	1	SLAMS	SLAMS	SLAMS	SLAMS	4/2/1999	12/31/2013						
	051310008	1	SLAMS			SLAMS	4/1/1999	3/1/2011						
	051310008	2	SLAMS			SLAMS	4/1/1999	3/1/2011						
	051390006	1	SLAMS	SLAMS	SLAMS	SLAMS	7/1/2002	12/31/2013						
	051430005	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2008	12/31/2013						
	051450001	1	SLAMS			SLAMS	4/1/2000	12/30/2011						
CALIFORNIA														
	060010007	1	SLAMS			SLAMS	12/1/1999	2/28/2011						
	060010007	3	SLAMS	SLAMS	SLAMS	SPECIAL PURPOSE	1/1/2011	2/28/2011	SLAMS	3/1/2011	12/31/2013			
	060010009	3	SLAMS	SLAMS	SLAMS	SLAMS	10/1/2009	12/31/2013						
	060010011	3		SLAMS	SLAMS	SLAMS	12/18/2012	12/31/2013						
	060070002	1	SLAMS	SLAMS		SLAMS	12/19/1998	7/2/2012						
	060070008	1		SLAMS	SLAMS	SLAMS	4/27/2012	12/31/2013						
	060090001	3	SLAMS	SLAMS	SLAMS	SLAMS	6/15/2010	12/31/2013						
	060110007	1	NON-REGULATORY	NON-REGULATORY	NON-REGULATORY	TRIBAL MONITORS	4/8/2011	12/31/2013						
	060111002	1	SLAMS	SLAMS	SLAMS	SLAMS	12/16/1998	12/31/2013						
	060130002	1	SLAMS	SLAMS		SLAMS	1/8/1999	12/31/2012						
	060130002	2	QA COLLOCATED	QA COLLOCATED		QA COLLOCATED	1/1/2000	12/31/2012						
	060130002	3			SLAMS	SLAMS	1/1/2013	12/31/2013						
	060131004	3		SLAMS	SLAMS	SLAMS	12/10/2012	12/31/2013						
	060190008	1	SLAMS	SLAMS		SLAMS	1/3/1999	1/31/2012						
	060190008	2	SLAMS	SLAMS		SLAMS	1/6/1999	1/31/2012						
	060190008	3	SLAMS	SLAMS		SLAMS	10/1/2011	2/1/2012						
	060190011	1		SLAMS	SLAMS	SLAMS	1/1/2012	12/31/2013						
	060190011	2		SLAMS	SLAMS	SLAMS	1/25/2012	12/31/2013						
	060190011	3		SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	1/1/2012	12/31/2013						
	060190011	4			SPECIAL PURPOSE	SPECIAL PURPOSE	1/1/2012	12/31/2013						
	060192009	3	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	10/30/2009	12/31/2013						
	060195001	1		SLAMS	SLAMS	SLAMS	9/6/2012	12/31/2013						
	060195001	3	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	11/25/2008	12/31/2013						
	060195025	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2000	12/31/2013						
	060231002	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	060231004	1	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	12/25/2006	3/15/2013						
	060231005	1	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	6/3/2011	12/31/2013						
	060231005	2			SPECIAL PURPOSE	SPECIAL PURPOSE	3/20/2013	12/31/2013						
	060250005	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	060250005	2	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	060250007	1	SLAMS	SLAMS	SLAMS	SLAMS	12/15/2003	12/31/2013						
	060251003	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	060271003	1	SLAMS	SLAMS	SLAMS	SLAMS	9/1/1998	12/31/2013						
	060271003	2	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	060271003	3	SLAMS	SLAMS	SLAMS	SLAMS	9/10/2009	12/31/2013						
	060290011	1	SLAMS	SLAMS		SLAMS	1/1/1999	7/11/2012						
	060290011	3	SLAMS	SLAMS	SLAMS	SLAMS	4/1/2011	12/31/2013						
	060290014	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	060290014	2	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	060290015	1	SLAMS	SLAMS	SLAMS	SLAMS	6/1/1999	12/31/2013						
	060290016	1	SLAMS	SLAMS	SLAMS	SLAMS	2/18/2000	12/31/2013						

			Monitor Type by Year from AMP 430			Monitor Types with Begin/End Dates* from AMP 500								
State	Site	POC	2011	2012	2013	Mon Type 1	Begin Date 1	End Date 1	Mon Type 2	Begin Date 2	End Date 2	Mon Type 3	Begin Date 3	End Date 3
	060310004	1		SLAMS	SLAMS	SLAMS	10/3/2012	12/31/2013						
	060310004	3	SPECIAL PURPOSE			SPECIAL PURPOSE	12/16/2008	12/31/2011						
	060311004	3	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	1/1/2010	12/31/2013						
	060333001	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	060370002	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	060371002	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	060371002	3	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	1/1/2009	12/31/2013						
	060371103	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	060371103	2	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	060371103	3	SPECIAL PURPOSE			SPECIAL PURPOSE	1/1/2009	9/30/2011						
	060371103	9	SLAMS	SLAMS	SLAMS	SLAMS	10/1/2011	12/31/2013						
	060371201	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	060371302	1	SLAMS	SLAMS	SLAMS	SLAMS	11/2/2008	12/31/2013						
	060371602	1	SLAMS	SLAMS	SLAMS	SLAMS	10/1/2005	12/31/2013						
	060372005	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	060374002	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	060374002	3	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	1/6/2009	9/30/2013						
	060374004	1	SLAMS	SLAMS	SLAMS	SLAMS	8/7/2003	12/31/2013						
	060374004	3		SLAMS	SLAMS	SLAMS	1/1/2012	12/31/2013						
	060379033	1	SLAMS	SLAMS	SLAMS	SLAMS	11/1/2001	12/31/2013						
	060390500	1	NON-REGULATORY	NON-REGULATORY	NON-REGULATORY	TRIBAL MONITORS	8/2/2011	12/31/2013						
	060392010	3	SLAMS	SLAMS	SLAMS	SLAMS	7/16/2010	12/31/2013						
	060410001	3	SLAMS	SLAMS	SLAMS	SLAMS	10/27/2009	12/31/2013						
	060450006	3	SLAMS	SLAMS	SLAMS	SLAMS	12/31/2008	12/31/2013						
	060452002	3	SLAMS	SLAMS	SLAMS	SLAMS	9/15/2009	12/31/2013						
	060470003	3	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	10/19/2009	12/31/2013						
	060472510	1	SLAMS	SLAMS	SLAMS	SLAMS	4/1/1999	12/31/2013						
	060530002	3		SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	1/1/2012	12/31/2013						
	060530008	3		SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	1/1/2012	12/31/2013						
	060531003	2	SLAMS	SLAMS	SLAMS	SLAMS	11/1/2008	12/31/2013						
	060531003	3	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2010	12/31/2013						
	060550003	3		SLAMS	SLAMS	SLAMS	12/13/2012	12/31/2013						
	060570005	1	SLAMS	SLAMS	SLAMS	SLAMS	12/30/1998	12/31/2013						
	060571001	1	SLAMS	SLAMS	SLAMS	SLAMS	3/31/1999	12/31/2013						
	060571001	2	SLAMS	SLAMS	SLAMS	SLAMS	5/12/1999	12/31/2013						
	060590007	1	SLAMS	SLAMS	SLAMS	SLAMS	9/1/2001	12/31/2013						
	060590007	3	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	1/1/2009	12/31/2013						
	060592022	1	SLAMS	SLAMS	SLAMS	SLAMS	6/15/1999	12/31/2013						
	060610003	1		SLAMS	SLAMS	SLAMS	1/1/2012	12/31/2013						
	060610006	1	SLAMS	SLAMS	SLAMS	SLAMS	12/31/1998	12/31/2013						
	060631006	1	SLAMS	SLAMS	SLAMS	SLAMS	3/26/1999	12/31/2013						
	060631009	1	SLAMS	SLAMS	SLAMS	SLAMS	3/21/2000	6/30/2013						
	060631010	1			SLAMS	SLAMS	7/1/2013	12/31/2013						
	060650009	1	TRIBAL MONITORS	TRIBAL MONITORS	TRIBAL MONITORS	TRIBAL MONITORS	8/12/2010	12/31/2013						
	060650009	2	TRIBAL MONITORS	TRIBAL MONITORS	TRIBAL MONITORS	TRIBAL MONITORS	8/12/2010	12/31/2013						
	060651003	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	060651016	1	TRIBAL MONITORS	TRIBAL MONITORS	TRIBAL MONITORS	TRIBAL MONITORS	10/14/2011	12/31/2013						
	060651016	2			NON-REGULATORY	TRIBAL MONITORS	6/27/2013	12/31/2013						
	060652002	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	060652002	2	SLAMS	SLAMS		SLAMS	1/1/1999	3/15/2012						
	060655001	1	SLAMS	SLAMS	SLAMS	SLAMS	10/10/1999	12/31/2013						
	060658001	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	060658001	2	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	060658001	3	SPECIAL PURPOSE			SPECIAL PURPOSE	1/1/2009	7/31/2011						

			Monitor Type by Year from AMP 430			Monitor Types with Begin/End Dates* from AMP 500								
State	Site	POC	2011	2012	2013	Mon Type 1	Begin Date 1	End Date 1	Mon Type 2	Begin Date 2	End Date 2	Mon Type 3	Begin Date 3	End Date 3
	060658001	9	SLAMS	SLAMS	SLAMS	SPECIAL PURPOSE	1/1/2009	7/31/2011	SLAMS	8/1/2011	12/31/2013			
	060658005	1	SLAMS	SLAMS	SLAMS	SLAMS	10/25/2005	12/31/2013						
	060658005	2		SLAMS	SLAMS	SLAMS	4/3/2012	12/31/2013						
	060658005	3	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	1/1/2009	12/31/2013						
	060670006	1	SLAMS	SLAMS	SLAMS	SLAMS	1/3/1999	12/31/2013						
	060670006	2	SLAMS	SLAMS	SLAMS	SLAMS	2/17/1999	12/31/2013						
	060670010	1	SLAMS	SLAMS	SLAMS	SLAMS	12/13/1998	12/31/2013						
	060670012	4			NON-REGULATORY	SPECIAL PURPOSE	4/1/2013	12/31/2013						
	060674001	1	SLAMS	SLAMS	SLAMS	SLAMS	2/2/1999	12/31/2013						
	060690002	3	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2010	12/31/2013						
	060710025	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	060710306	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2000	12/31/2013						
	060710306	2	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2000	12/31/2013						
	060712002	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	060718001	1	SLAMS	SLAMS	SLAMS	SLAMS	2/8/1999	12/31/2013						
	060719004	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	060730001	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	060730003	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	060730003	2	SLAMS	SLAMS	SLAMS	SLAMS	3/1/2011	12/31/2013						
	060730006	1	SLAMS	SLAMS		SLAMS	1/1/1999	2/18/2012						
	060730006	2		SLAMS		SLAMS	1/1/1999	2/18/2012						
	060731002	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	060731002	3	SLAMS	SLAMS	SLAMS	SLAMS	6/20/2008	12/31/2013						
	060731002	4	SLAMS	SLAMS	SLAMS	SLAMS	4/8/2010	12/31/2013						
	060731006	1		SLAMS	SLAMS	SLAMS	7/1/2012	12/31/2013						
	060731008	3	SLAMS	SLAMS	SLAMS	SLAMS	11/1/2011	12/31/2013						
	060731010	1	SLAMS	SLAMS	SLAMS	SLAMS	7/14/2005	12/31/2013						
	060731010	2	SLAMS	SLAMS	SLAMS	SLAMS	11/1/2011	12/31/2013						
	060731011	1		NON-REGULATORY	NON-REGULATORY	TRIBAL MONITORS	5/26/2004	12/31/2013						
	060731011	2		NON-REGULATORY	NON-REGULATORY	TRIBAL MONITORS	5/26/2004	12/31/2013						
	060731011	3			NON-REGULATORY	TRIBAL MONITORS	12/12/2012	12/31/2013						
	060731016	1		SLAMS	SLAMS	SLAMS	2/1/2012	12/31/2013						
	060731016	2		SLAMS	SLAMS	SLAMS	2/1/2012	12/31/2013						
	060731201	1	TRIBAL MONITORS	TRIBAL MONITORS	TRIBAL MONITORS	TRIBAL MONITORS	8/19/2005	12/31/2013						
	060731201	2		NON-REGULATORY	NON-REGULATORY	TRIBAL MONITORS	1/1/2012	12/31/2013						
	060731201	3		NON-REGULATORY	NON-REGULATORY	TRIBAL MONITORS	1/1/2012	12/31/2013						
	060750005	3	SLAMS	SLAMS	SLAMS	SLAMS	10/1/2009	12/31/2013						
	060771002	3	SLAMS	SLAMS	SLAMS	SLAMS	5/11/2010	12/31/2013						
	060771002	4	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	8/23/2010	12/31/2013						
	060772010	3	SLAMS	SLAMS	SLAMS	SLAMS	11/16/2010	12/31/2013						
	060792004	1	SLAMS	SLAMS	SLAMS	SLAMS	7/1/2009	12/31/2013						
	060792006	1	SLAMS			SLAMS	9/21/2005	3/28/2011						
	060792006	3	SLAMS	SLAMS	SLAMS	SLAMS	3/15/2011	12/31/2013						
	060792007	1	SLAMS	SLAMS	SLAMS	SLAMS	8/1/2010	12/31/2013						
	060798001	3	SLAMS	SLAMS	SLAMS	SLAMS	6/1/2009	12/31/2013						
	060811001	2	QA COLLOCATED	QA COLLOCATED		QA COLLOCATED	10/1/2009	9/30/2012						
	060811001	3	SLAMS	SLAMS	SLAMS	SLAMS	10/1/2009	12/31/2013						
	060830011	3	SLAMS	SLAMS	SLAMS	SLAMS	6/25/2010	12/31/2013						
	060831008	3	SLAMS	SLAMS	SLAMS	SLAMS	5/23/2010	12/31/2013						
	060850002	3	SLAMS	SLAMS	SLAMS	SLAMS	10/31/2009	12/31/2013						
	060850005	1	SLAMS	SLAMS	SLAMS	SLAMS	10/5/2002	12/31/2013						
	060850005	3		SLAMS	SLAMS	SLAMS	10/1/2012	12/31/2013						
	060870007	3	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2010	12/31/2013						
	060871004	3			NON-REGULATORY	SPECIAL PURPOSE	4/5/2013	4/25/2014						

			Monitor Type by Year from AMP 430			Monitor Types with Begin/End Dates* from AMP 500								
State	Site	POC	2011	2012	2013	Mon Type 1	Begin Date 1	End Date 1	Mon Type 2	Begin Date 2	End Date 2	Mon Type 3	Begin Date 3	End Date 3
	060890004	1	SLAMS	SLAMS	SLAMS	SLAMS	12/19/1998	12/31/2013						
	060932001	1	SLAMS	SLAMS	SLAMS	SLAMS	8/21/2008	12/31/2013						
	060950004	1	SLAMS			SLAMS	1/1/1999	2/28/2011						
	060950004	3	SLAMS	SLAMS	SLAMS	SPECIAL PURPOSE	1/1/2011	2/28/2011	SLAMS	3/1/2011	12/31/2013			
	060950004	4			SLAMS	SLAMS	1/1/2013	12/31/2013						
	060970003	3	SLAMS	SLAMS	SLAMS	SLAMS	10/23/2009	12/16/2013						
	060990005	1	SLAMS	SLAMS	SLAMS	SLAMS	1/3/1999	12/31/2013						
	060990005	3	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	5/1/2010	12/31/2013						
	060990006	3	SLAMS	SLAMS	SLAMS	SLAMS	11/19/2008	12/31/2013						
	061010003	1	SLAMS	SLAMS	SLAMS	SLAMS	12/19/1998	12/31/2013						
	061030006	3	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2009	12/31/2013						
	061050002	1	SPECIAL PURPOSE			SPECIAL PURPOSE	8/18/2011	9/30/2013						
	061072002	1	SLAMS	SLAMS	SLAMS	SLAMS	1/3/1999	12/31/2013						
	061110007	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	061110007	2	SLAMS	SLAMS		SLAMS	1/1/1999	2/15/2012						
	061110007	3		SLAMS	SLAMS	SLAMS	1/7/2012	12/31/2013						
	061110009	1	SLAMS	SLAMS		SLAMS	11/1/2000	1/31/2012						
	061110009	3		SLAMS	SLAMS	SLAMS	11/15/2011	12/31/2013						
	061111004	3		SLAMS	SLAMS	SLAMS	11/29/2011	12/31/2013						
	061112002	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	061112002	3			SLAMS	SLAMS	6/29/2013	12/31/2013						
	061113001	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	061113001	3		SLAMS	SLAMS	SLAMS	1/26/2012	12/31/2013						
	061131003	1	SLAMS	SLAMS	SLAMS	SLAMS	1/9/1999	12/31/2013						
COLORADO														
	080010006	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2001	12/31/2013						
	080010006	2	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2001	12/31/2013						
	080050005	1	SLAMS	SLAMS	SLAMS	SLAMS	3/10/1999	12/31/2013						
	080130003	1	SLAMS	SLAMS	SLAMS	SLAMS	1/22/1999	12/31/2013						
	080130012	1	SLAMS	SLAMS	SLAMS	SLAMS	1/30/1999	12/31/2013						
	080310002	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	080310002	2	SLAMS	SLAMS	SLAMS	SLAMS	9/22/2001	12/31/2013						
	080310002	3			SLAMS	SLAMS	11/2/1993	4/4/2013	SPECIAL PURPOSE	4/5/2013	12/31/2013			
	080310023	1	SPECIAL PURPOSE	SPECIAL PURPOSE		SPECIAL PURPOSE	12/28/2004	12/31/2012						
	080310025	1	SLAMS	SLAMS		SLAMS	1/1/2011	9/3/2012						
	080310026	1		SLAMS	SLAMS	SLAMS	9/27/2012	12/31/2013						
	080350004	1	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	7/15/2005	12/31/2013						
	080350005	1			SLAMS	SLAMS	11/1/2013	12/31/2013						
	080390001	1	SLAMS			SLAMS	5/28/1999	4/30/2011						
	080410017	1	SLAMS	SLAMS	SLAMS	SLAMS	12/1/2007	12/31/2013						
	080677001	1	TRIBAL MONITORS	TRIBAL MONITORS	TRIBAL MONITORS	TRIBAL MONITORS	6/17/2009	12/31/2013						
	080677001	2	TRIBAL MONITORS	TRIBAL MONITORS	TRIBAL MONITORS	TRIBAL MONITORS	6/18/2009	12/31/2013						
	080677003	1	TRIBAL MONITORS	TRIBAL MONITORS	TRIBAL MONITORS	TRIBAL MONITORS	6/17/2009	12/31/2013						
	080677003	2			TRIBAL MONITORS	TRIBAL MONITORS	8/8/2013	12/31/2013						
	080690009	1	SLAMS	SLAMS	SLAMS	SLAMS	7/10/1999	12/31/2013						
	080770017	1	SLAMS	SLAMS	SLAMS	SLAMS	11/4/2002	12/31/2013						
	080830006	1	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	6/10/2008	12/31/2013						
	081010015	1	SLAMS	SLAMS	SLAMS	SLAMS	6/24/2009	12/31/2013						
	081030006	1	NON-EPA FEDERAL	NON-EPA FEDERAL	NON-EPA FEDERAL	NON-EPA FEDERAL	8/7/2010	12/31/2013						
	081230006	1	SLAMS	SLAMS	SLAMS	SLAMS	2/13/1999	12/31/2013						
	081230008	1	SLAMS	SLAMS	SLAMS	SLAMS	8/4/1999	12/31/2013						
CONNECTICUT														
	090010010	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	090011123	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						

			Monitor Type by Year from AMP 430			Monitor Types with Begin/End Dates* from AMP 500								
State	Site	POC	2011	2012	2013	Mon Type 1	Begin Date 1	End Date 1	Mon Type 2	Begin Date 2	End Date 2	Mon Type 3	Begin Date 3	End Date 3
	090013005	1	SLAMS	SLAMS		SLAMS	1/1/2011	12/31/2012						
	090019003	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2011	12/31/2013						
	090031003	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	090032006	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2008	12/31/2013						
	090050005	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2011	12/31/2013						
	090090027	1	SLAMS	SLAMS	SLAMS	SLAMS	1/24/2004	12/31/2013						
	090090027	2	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2004	12/31/2013						
	090091123	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	090092123	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	090092123	2	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2011	12/31/2013						
	090113002	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
DELAWARE														
	100010002	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	100010002	3		SLAMS	SLAMS	SLAMS	8/1/2012	12/31/2013						
	100010003	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	100031003	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	100031007	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	100031008	3			SPECIAL PURPOSE	SPECIAL PURPOSE	6/1/2013	12/31/2013						
	100031012	1	SLAMS	SLAMS	SLAMS	SLAMS	12/15/1999	12/31/2013						
	100032004	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	100032004	2	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	100032004	3	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2010	12/31/2013						
	100032004	4			SLAMS	SLAMS	7/1/2013	12/31/2013						
	100051002	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	100051002	3			SLAMS	SLAMS	1/1/2013	12/31/2013						
DISTRICT OF COLUMBIA														
	110010041	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	110010041	2	SLAMS			SLAMS	1/1/1999	1/1/2012						
	110010042	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	110010043	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	110010043	2		SLAMS	SLAMS	SLAMS	1/1/2012	12/31/2013						
	110010043	4	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
FLORIDA														
	120010023	1	SLAMS	SLAMS	SLAMS	SLAMS	1/6/1999	12/31/2013						
	120010023	2	SLAMS	SLAMS	SLAMS	SLAMS	1/6/1999	12/31/2013						
	120090007	1	SLAMS	SLAMS	SLAMS	SLAMS	3/1/2000	12/31/2013						
	120111002	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	120111002	2	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	120112003	1	SLAMS	SLAMS	SLAMS	SLAMS	7/9/2010	12/31/2013						
	120115005	1	SLAMS	SLAMS		SLAMS	9/30/2009	12/31/2013						
	120170005	1	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	7/1/2010	12/31/2013						
	120170005	2	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	7/1/2010	12/31/2013						
	120310032	1	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	7/15/2009	12/31/2013						
	120310098	1	SLAMS	SLAMS	SLAMS	SLAMS	6/1/1999	12/31/2013						
	120310099	1	SLAMS	SLAMS	SLAMS	SLAMS	6/1/1999	12/31/2013						
	120310099	2	SLAMS	SLAMS	SLAMS	SLAMS	6/1/1999	12/31/2013						
	120330004	1	SLAMS	SLAMS	SLAMS	SLAMS	1/3/1999	12/31/2013						
	120330004	2	SLAMS	SLAMS	SLAMS	SLAMS	1/3/1999	12/31/2013						
	120573002	1	SLAMS	SLAMS	SLAMS	SLAMS	7/1/2010	12/31/2013						
	120573002	2	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2011	12/31/2013						
	120710005	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	120710005	2	SLAMS	SLAMS	SLAMS	SLAMS	1/21/1999	12/31/2013						
	120730012	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	120730012	2	SLAMS	SLAMS	SLAMS	SLAMS	10/1/2004	12/31/2013						

			Monitor Type by Year from AMP 430			Monitor Types with Begin/End Dates* from AMP 500								
State	Site	POC	2011	2012	2013	Mon Type 1	Begin Date 1	End Date 1	Mon Type 2	Begin Date 2	End Date 2	Mon Type 3	Begin Date 3	End Date 3
	120860033	1	SLAMS	SLAMS	SLAMS	SLAMS	5/4/2005	12/31/2013						
	120861016	1	SLAMS	SLAMS	SLAMS	SLAMS	2/4/1999	12/31/2013						
	120861016	2	SLAMS	SLAMS	SLAMS	SLAMS	2/4/1999	12/31/2013						
	120866001	1	SLAMS	SLAMS	SLAMS	SLAMS	1/27/1999	12/31/2013						
	120951004	1	SLAMS			SLAMS	1/1/1999	12/31/2011						
	120952002	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	120952002	2	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	120990008	1	OTHER			OTHER	3/1/2000	12/31/2011						
	120990008	3	SPECIAL PURPOSE	SPECIAL PURPOSE		SPECIAL PURPOSE	5/1/2009	12/31/2013						
	120990009	1	SLAMS	SLAMS	SLAMS	SLAMS	12/4/1999	12/31/2013						
	120990009	2	SLAMS	SLAMS	SLAMS	SLAMS	12/17/2008	12/31/2013						
	120990009	3	SPECIAL PURPOSE	SPECIAL PURPOSE		SPECIAL PURPOSE	1/1/2011	12/31/2013						
	120992005	1	SLAMS	SLAMS	SLAMS	SLAMS	6/23/2001	12/31/2013						
	121030018	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	121030018	2	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	121031009	1	SLAMS	SLAMS	SLAMS	SLAMS	9/12/2003	12/31/2013						
	121056006	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	121056006	2	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	121150013	1	SLAMS	SLAMS	SLAMS	SLAMS	1/3/1999	12/31/2013						
	121150013	2	SLAMS	SLAMS	SLAMS	SLAMS	1/3/1999	12/31/2013						
	121171002	1	SLAMS	SLAMS	SLAMS	SLAMS	1/7/1999	12/31/2013						
	121171002	2	SLAMS	SLAMS	SLAMS	SLAMS	1/7/1999	12/31/2013						
	121275002	1	SLAMS	SLAMS	SLAMS	SLAMS	4/1/2009	12/31/2013						
GEORGIA														
	130210007	1	SLAMS	SLAMS	SLAMS	SLAMS	2/2/1999	12/31/2013						
	130210007	2	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2006	12/31/2013						
	130210012	1	SLAMS	SLAMS	SLAMS	SLAMS	2/11/1999	12/31/2013						
	130510017	1	SLAMS	SLAMS		SLAMS	1/21/1999	12/31/2012						
	130510017	2	QA COLLOCATED			QA COLLOCATED	1/1/2006	11/23/2011						
	130510091	1	SLAMS	SLAMS	SLAMS	SLAMS	1/21/1999	12/31/2013						
	130590002	1	SLAMS	SLAMS	SLAMS	SLAMS	7/1/2007	12/31/2013						
	130630091	1	SLAMS	SLAMS	SLAMS	SLAMS	1/9/1999	12/31/2013						
	130670003	1	SLAMS	SLAMS	SLAMS	SLAMS	2/7/1999	12/31/2013						
	130670004	1	SLAMS	SLAMS		SLAMS	2/5/2003	12/31/2012						
	130890002	1	SLAMS	SLAMS	SLAMS	SLAMS	1/22/1999	12/31/2013						
	130890002	2	SLAMS	SLAMS	SLAMS	SLAMS	10/3/2008	12/31/2013						
	130890002	3	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2011	12/31/2013						
	130892001	1	SLAMS	SLAMS		SLAMS	1/1/1999	12/31/2012						
	130950007	1	SLAMS	SLAMS	SLAMS	SLAMS	2/2/1999	12/31/2013						
	130950007	2			SLAMS	SLAMS	1/10/2013	12/31/2013						
	130950007	3			SLAMS	SLAMS	1/1/2013	12/31/2013						
	131150003	1	SLAMS	SLAMS	SLAMS	SLAMS	3/10/2009	12/31/2013						
	131210032	1	SLAMS	SLAMS		SLAMS	8/13/2009	12/31/2012						
	131210032	2	SLAMS	SLAMS		SLAMS	8/13/2009	12/31/2012						
	131210039	1	SLAMS	SLAMS	SLAMS	SLAMS	12/2/2008	12/31/2013						
	131270006	1	SLAMS	SLAMS	SLAMS	SLAMS	8/31/1999	12/31/2013						
	131350002	1	SLAMS	SLAMS	SLAMS	SLAMS	7/1/2007	12/31/2013						
	131390003	1	SLAMS	SLAMS	SLAMS	SLAMS	2/14/1999	12/31/2013						
	131530001	1	SLAMS	SLAMS	SLAMS	SLAMS	7/1/2007	12/31/2013						
	131850003	1	SLAMS	SLAMS	SLAMS	SLAMS	7/1/2007	12/31/2013						
	132150001	1	SLAMS	SLAMS	SLAMS	SLAMS	3/4/1999	12/31/2013						
	132150008	1	SLAMS	SLAMS	SLAMS	SLAMS	7/1/2007	12/31/2013						
	132150011	1	SLAMS	SLAMS	SLAMS	SLAMS	1/21/1999	12/31/2013						
	132230003	1	SLAMS	SLAMS	SLAMS	SLAMS	1/24/1999	12/31/2013						

			Monitor Type by Year from AMP 430			Monitor Types with Begin/End Dates* from AMP 500								
State	Site	POC	2011	2012	2013	Mon Type 1	Begin Date 1	End Date 1	Mon Type 2	Begin Date 2	End Date 2	Mon Type 3	Begin Date 3	End Date 3
	132450005	1	SLAMS	SLAMS		SLAMS	1/21/1999	12/31/2012						
	132450005	2	SLAMS	SLAMS		SLAMS	1/1/2006	12/31/2012						
	132450091	1	SLAMS	SLAMS	SLAMS	SLAMS	2/8/1999	12/31/2013						
	132950002	1	SLAMS	SLAMS	SLAMS	SLAMS	6/12/2007	12/31/2013						
	133030001	1	SLAMS	SLAMS	SLAMS	SLAMS	1/30/1999	12/31/2013						
	133190001	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
HAWAII														
	150011006	1	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	5/1/2008	12/31/2013						
	150011012	1	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	3/15/2008	12/31/2013						
	150012016	1	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	4/11/2008	12/31/2013						
	150012020	1	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	4/1/2010	12/31/2013						
	150012021	1		SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	7/1/2012	12/31/2013						
	150012023	1	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	12/7/2010	12/31/2013						
	150030010	1	SLAMS	SLAMS	SLAMS	SLAMS	7/1/2010	12/31/2013						
	150030010	2	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2011	12/31/2013						
	150031001	3	SLAMS	SLAMS	SLAMS	SLAMS	4/1/2009	12/31/2013						
	150031004	2	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2009	12/31/2013						
	150032004	4	SLAMS	SLAMS	SLAMS	SLAMS	1/10/2009	12/31/2013						
	150070007	1	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	4/1/2011	12/31/2013						
	150090006	2	SLAMS	SLAMS	SLAMS	SLAMS	12/1/2008	12/31/2013						
	150090024	1			SPECIAL PURPOSE	SPECIAL PURPOSE	3/1/2013	12/31/2013						
IDAHO														
	160010010	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2011	12/31/2013						
	160010010	2			SLAMS	SLAMS	7/21/2013	12/31/2013						
	160050020	2	TRIBAL MONITORS	TRIBAL MONITORS	TRIBAL MONITORS	TRIBAL MONITORS	9/1/2010	12/31/2013						
	160050020	3	TRIBAL MONITORS	TRIBAL MONITORS	TRIBAL MONITORS	TRIBAL MONITORS	4/15/2010	12/31/2013						
	160090010	1	SLAMS	SLAMS	SLAMS	SLAMS	7/14/2003	12/31/2013						
	160270002	1	SLAMS	SLAMS	SLAMS	SLAMS	6/20/2008	12/31/2013						
	160410001	1	SLAMS	SLAMS	SLAMS	SLAMS	12/5/2004	12/31/2013						
	160410001	3	NON-REGULATORY	NON-REGULATORY		SPECIAL PURPOSE	1/1/2011	12/31/2012						
	160410001	4			NON-REGULATORY	SPECIAL PURPOSE	1/1/2013	12/31/2013						
	160590004	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2007	5/28/2012	SPECIAL PURPOSE	5/29/2012	6/22/2012	SLAMS	6/23/2012	12/31/2013
	160590004	3	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2011	12/31/2013						
	160790017	1	SLAMS	SLAMS	SLAMS	SLAMS	9/3/1999	12/31/2013						
	160790017	2	SLAMS	SLAMS	SLAMS	SLAMS	12/2/2007	6/3/2013						
	160790017	4	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2010	12/31/2013						
ILLINOIS														
	170010007	1	SLAMS	SLAMS		SLAMS	4/1/2007	12/31/2012						
	170190006	1	SLAMS	SLAMS	SLAMS	SLAMS	1/9/2011	12/31/2013						
	170191001	1	SLAMS	SLAMS	SLAMS	SLAMS	7/1/2010	12/31/2013						
	170310001	1			SLAMS	SLAMS	4/1/2013	12/31/2013						
	170310022	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	170310022	9			SLAMS	SLAMS	4/1/2013	12/31/2013						
	170310052	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	170310052	9			SLAMS	SLAMS	1/1/2013	3/31/2013						
	170310057	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2000	12/31/2013						
	170310076	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2000	12/31/2013						
	170311016	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	170311016	9			SLAMS	SLAMS	4/1/2013	12/31/2013						
	170312001	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	3/31/2013						
	170313103	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2004	12/31/2013						
	170313103	9			SLAMS	SLAMS	4/1/2013	12/31/2013						
	170313301	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	170313301	9			SLAMS	SLAMS	1/1/2013	3/31/2013						

			Monitor Type by Year from AMP 430			Monitor Types with Begin/End Dates* from AMP 500								
State	Site	POC	2011	2012	2013	Mon Type 1	Begin Date 1	End Date 1	Mon Type 2	Begin Date 2	End Date 2	Mon Type 3	Begin Date 3	End Date 3
	170314007	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2001	12/31/2013						
	170314201	1	SLAMS	SLAMS	SLAMS	SLAMS	7/1/2010	12/31/2013						
	170314201	9			SLAMS	SLAMS	1/1/2013	3/31/2013						
	170316005	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2000	12/31/2013						
	170434002	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	170650002	1	SLAMS	SLAMS	SLAMS	SLAMS	5/1/2005	12/31/2013						
	170831001	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2004	12/31/2013						
	170890003	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2000	12/31/2013						
	170890007	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2007	12/31/2013						
	171110001	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2000	12/31/2013						
	171132003	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2005	12/31/2013						
	171150013	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	171190024	1	SLAMS	SLAMS	SLAMS	SLAMS	7/1/2007	12/31/2013						
	171190024	9			SLAMS	SLAMS	1/1/2013	12/31/2013						
	171191007	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	171191007	9			SLAMS	SLAMS	4/1/2013	12/31/2013						
	171192009	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2000	12/31/2013						
	171193007	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	171430037	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	171430037	9			SLAMS	SLAMS	1/1/2013	3/31/2013						
	171570001	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	171570001	9			SLAMS	SLAMS	1/1/2013	3/31/2013						
	171613002	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2001	12/31/2013						
	171630010	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	171639010	7	NON-REGULATORY			SPECIAL PURPOSE	5/2/2010	12/31/2013						
	171639010	8	NON-REGULATORY			SPECIAL PURPOSE	5/2/2010	12/31/2013						
	171639010	9	NON-REGULATORY			SPECIAL PURPOSE	5/2/2010	12/31/2013						
	171670012	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	171670012	9			SLAMS	SLAMS	1/1/2013	3/31/2013						
	171971002	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	171971011	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	172010013	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2005	12/31/2013						
INDIANA														
	180030004	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	180030004	2			SLAMS	SLAMS	1/1/2013	12/31/2013						
	180030004	3	SLAMS	SLAMS	SLAMS	SLAMS	11/10/2009	12/31/2013						
	180190006	1	SLAMS	SLAMS	SLAMS	SLAMS	6/26/2003	12/31/2013						
	180190008	1	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	7/1/2008	12/31/2013						
	180350006	1	SLAMS	SLAMS	SLAMS	SLAMS	10/15/1999	12/31/2013						
	180372001	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2000	12/31/2013						
	180390008	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2008	12/31/2013						
	180390008	3	SLAMS	SLAMS	SLAMS	SLAMS	11/23/2010	12/31/2013						
	180431004	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	180431004	2	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	180431004	3	SLAMS	SLAMS	SLAMS	SLAMS	12/10/2009	12/31/2013						
	180510012	1	SPECIAL PURPOSE			SPECIAL PURPOSE	1/17/2008	12/31/2011						
	180550001	1		SLAMS	SLAMS	SLAMS	1/1/2012	12/31/2013						
	180650003	1	SLAMS	SLAMS	SLAMS	SLAMS	9/26/2000	12/31/2013						
	180670003	1	SLAMS	SLAMS		SLAMS	6/11/1999	1/31/2012						
	180830004	1	SLAMS			SLAMS	1/1/2000	12/31/2011						
	180890006	1	SLAMS	SLAMS	SLAMS	SLAMS	1/27/1999	12/31/2013						
	180890022	1	SLAMS	SLAMS	SLAMS	SLAMS	3/4/1999	12/31/2013						
	180890022	3	SLAMS	SLAMS	SLAMS	SLAMS	10/8/2009	12/31/2013						
	180890026	1	SLAMS	SLAMS	SLAMS	SLAMS	2/12/2000	12/31/2013						

			Monitor Type by Year from AMP 430			Monitor Types with Begin/End Dates* from AMP 500								
State	Site	POC	2011	2012	2013	Mon Type 1	Begin Date 1	End Date 1	Mon Type 2	Begin Date 2	End Date 2	Mon Type 3	Begin Date 3	End Date 3
	180890027	1	SLAMS			SLAMS	2/18/2000	12/31/2011						
	180890031	1	SLAMS	SLAMS	SLAMS	SLAMS	7/1/2005	12/31/2013						
	180890031	2	SLAMS	SLAMS	SLAMS	SLAMS	7/1/2005	12/31/2013						
	180892004	1	SLAMS	SLAMS	SLAMS	SLAMS	2/11/1999	12/31/2013						
	180892004	3	SLAMS	SLAMS	SLAMS	SLAMS	2/3/2010	12/31/2013						
	180892010	1	SLAMS	SLAMS		SLAMS	1/27/1999	12/31/2012						
	180910011	1	SLAMS	SLAMS	SLAMS	SLAMS	12/17/1999	12/31/2013						
	180950011	1	SLAMS	SLAMS	SLAMS	SLAMS	7/12/2010	12/31/2013						
	180950011	3	SLAMS	SLAMS	SLAMS	SLAMS	7/12/2010	12/31/2013						
	180970043	1	SLAMS	SLAMS	SLAMS	SLAMS	1/24/1999	12/31/2013						
	180970078	1	SLAMS	SLAMS	SLAMS	SLAMS	3/7/1999	12/31/2013						
	180970078	3	SLAMS			SLAMS	1/1/2011	12/31/2011						
	180970078	4	SLAMS	SLAMS	SLAMS	SLAMS	7/21/2011	12/31/2013						
	180970081	1	SLAMS	SLAMS	SLAMS	SLAMS	1/22/1999	12/31/2013						
	180970081	2	SLAMS	SLAMS	SLAMS	SLAMS	2/11/1999	12/31/2013						
	180970081	3	SLAMS	SLAMS	SLAMS	SLAMS	10/1/2009	12/31/2013						
	180970083	1	SLAMS	SLAMS	SLAMS	SLAMS	1/22/1999	12/31/2013						
	180970084	1	SLAMS	SLAMS	SLAMS	SLAMS	2/15/2009	12/31/2013						
	181050003	1	SLAMS	SLAMS	SLAMS	SLAMS	4/1/2009	12/31/2013						
	181050003	3	SLAMS	SLAMS	SLAMS	SLAMS	4/1/2009	12/31/2013						
	181270024	1	SLAMS	SLAMS	SLAMS	SLAMS	1/27/1999	12/31/2013						
	181270024	2			SLAMS	SLAMS	1/1/2013	12/31/2013						
	181270024	3	SLAMS	SLAMS	SLAMS	SLAMS	10/8/2009	12/31/2013						
	181410015	1	SLAMS	SLAMS	SLAMS	SLAMS	6/1/2006	12/31/2013						
	181410015	2	SLAMS	SLAMS	SLAMS	SLAMS	6/1/2006	12/31/2013						
	181410015	3	SLAMS	SLAMS	SLAMS	SLAMS	10/15/2008	12/31/2013						
	181470009	1	SLAMS	SLAMS	SLAMS	SLAMS	2/1/2000	12/31/2013						
	181570008	1	SLAMS	SLAMS	SLAMS	SLAMS	10/1/2002	12/31/2013						
	181570008	2	SLAMS	SLAMS	SLAMS	SLAMS	10/1/2002	12/31/2013						
	181570008	3	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2010	12/31/2013						
	181570008	4	SLAMS	SLAMS	SLAMS	SLAMS	11/6/2009	12/31/2013						
	181630016	1	SLAMS	SLAMS	SLAMS	SLAMS	6/5/1999	12/31/2013						
	181630020	1	SLAMS			SLAMS	3/10/2009	3/31/2011						
	181630020	2	SLAMS			SLAMS	3/10/2009	3/31/2011						
	181630021	1	SLAMS	SLAMS	SLAMS	SLAMS	7/8/2009	12/31/2013						
	181630021	2	SLAMS	SLAMS	SLAMS	SLAMS	4/3/2011	12/31/2013						
	181630021	3	SLAMS	SLAMS	SLAMS	SLAMS	10/21/2009	12/31/2013						
	181630023	1			SLAMS	SLAMS	1/1/2013	12/31/2013						
	181670018	1	SLAMS	SLAMS	SLAMS	SLAMS	3/19/1999	12/31/2013						
	181670018	3	SLAMS	SLAMS	SLAMS	SLAMS	12/3/2009	12/31/2013						
	181670018	4			SLAMS	SLAMS	1/1/2013	12/31/2013						
	181830003	1	SLAMS	SLAMS	SLAMS	SLAMS	4/7/2010	12/31/2013						
	181830003	3	SLAMS	SLAMS	SLAMS	SLAMS	4/8/2010	12/31/2013						
IOWA														
	190130008	1	SLAMS			SLAMS	1/15/1999	12/31/2011						
	190130009	1	SPECIAL PURPOSE	SLAMS	SLAMS	SPECIAL PURPOSE	1/1/2009	12/31/2011	SLAMS	1/1/2012	12/31/2013			
	190450019	1	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	7/1/2006	12/31/2013						
	190450021	1	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	12/18/2006	12/31/2013						
	190550001	1	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	1/1/2011	12/31/2013						
	191032001	1	SLAMS	SLAMS	SLAMS	SLAMS	1/27/1999	12/31/2013						
	191110008	1	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	1/3/2007	12/31/2013						
	191130037	1	SLAMS			SLAMS	1/15/1999	12/31/2011						
	191130040	1	SPECIAL PURPOSE	SLAMS	SLAMS	SPECIAL PURPOSE	1/15/2008	12/31/2011	SLAMS	1/1/2012	12/31/2013			
	191130040	2			SLAMS	SLAMS	1/1/2013	12/31/2013						

			Monitor Type by Year from AMP 430			Monitor Types with Begin/End Dates* from AMP 500								
State	Site	POC	2011	2012	2013	Mon Type 1	Begin Date 1	End Date 1	Mon Type 2	Begin Date 2	End Date 2	Mon Type 3	Begin Date 3	End Date 3
	191370002	1	SLAMS	SLAMS	SLAMS	SLAMS	5/30/2002	12/31/2013						
	191390015	1	SLAMS	SLAMS	SLAMS	SLAMS	6/1/2009	12/31/2013						
	191390015	2			SLAMS	SLAMS	2/9/2013	12/31/2013						
	191390016	1	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	1/1/2009	12/31/2013						
	191390018	1	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	1/1/2009	12/31/2013						
	191390020	1	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	1/1/2011	12/31/2013						
	191471002	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2007	12/31/2013						
	191530030	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2002	12/31/2013						
	191530030	2			SLAMS	SLAMS	2/4/2013	12/31/2013						
	191532510	1	SLAMS	SLAMS	SLAMS	SLAMS	2/1/1999	12/31/2013						
	191550009	1	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	12/18/2006	12/31/2013						
	191550009	2			SPECIAL PURPOSE	SPECIAL PURPOSE	1/1/2013	12/31/2013						
	191630015	1	SLAMS	SLAMS	SLAMS	SLAMS	7/1/2010	12/31/2013						
	191630015	2			SLAMS	SLAMS	7/1/2010	12/31/2013						
	191630018	1	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	12/18/2006	12/31/2013						
	191630019	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2009	12/31/2013						
	191630020	1	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	1/1/2010	12/31/2013						
	191710007	1	SPECIAL PURPOSE			SPECIAL PURPOSE	4/1/2010	9/30/2011						
	191770006	1	SLAMS	SLAMS	SLAMS	SLAMS	11/8/2004	12/31/2013						
	191930019	1	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	1/1/2009	12/31/2013						
KANSAS														
	200910007	1	SLAMS	SLAMS	SLAMS	SLAMS	1/21/1999	12/31/2013						
	200910010	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2004	12/31/2013						
	201070002	1	SLAMS	SLAMS	SLAMS	SLAMS	1/21/1999	1/2/2014						
	201730008	1	SLAMS	SLAMS	SLAMS	SLAMS	1/27/1999	12/31/2013						
	201730009	1	SLAMS	SLAMS	SLAMS	SLAMS	1/27/1999	12/31/2013						
	201730010	1	SLAMS	SLAMS	SLAMS	SLAMS	1/12/1999	12/31/2013						
	201730010	2	SLAMS	SLAMS	SLAMS	SLAMS	1/12/1990	12/31/2013						
	201731012	1			SLAMS	SLAMS	2/3/2013	12/31/2013						
	201770013	1	SLAMS	SLAMS	SLAMS	SLAMS	11/16/2006	12/31/2013						
	201910002	1	SLAMS	SLAMS	SLAMS	SLAMS	11/17/1999	12/31/2013						
	202090021	1	SLAMS	SLAMS	SLAMS	SLAMS	4/27/1999	12/31/2013						
	202090021	2	SLAMS	SLAMS	SLAMS	SLAMS	7/2/2010	12/31/2013						
	202090022	1	SLAMS	SLAMS	SLAMS	SLAMS	4/30/1999	12/31/2013						
KENTUCKY														
	210130002	1	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	7/15/1999	12/31/2013						
	210190017	1	SLAMS	SLAMS	SLAMS	SLAMS	10/22/1998	12/31/2013						
	210290006	1	SLAMS			SLAMS	6/15/1998	11/10/2011						
	210373002	1	SLAMS	SLAMS	SLAMS	SLAMS	8/1/2007	12/31/2013						
	210373002	3	NON-REGULATORY	NON-REGULATORY		SPECIAL PURPOSE	8/1/2010	6/20/2012						
	210430500	1	SLAMS	SLAMS	SLAMS	SLAMS	6/15/1998	12/31/2013						
	210470006	1	SLAMS	SLAMS	SLAMS	SLAMS	6/15/1998	12/31/2013						
	210590005	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2005	12/31/2013						
	210670012	1	SLAMS	SLAMS	SLAMS	SLAMS	6/15/1998	12/31/2013						
	210670014	1	SLAMS			SLAMS	12/21/1998	11/9/2011						
	210730006	1	SLAMS			SLAMS	6/15/1998	11/10/2011						
	210930006	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2000	12/31/2013						
	210930006	2	SLAMS	SLAMS	SLAMS	SLAMS	12/1/2009	12/31/2013						
	210930006	3	NON-REGULATORY	NON-REGULATORY	NON-REGULATORY	SPECIAL PURPOSE	9/1/2011	8/13/2013						
	211010014	1	SLAMS	SLAMS	SLAMS	SLAMS	4/1/2003	12/31/2013						
	211110043	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2002	12/31/2013						
	211110043	2	SLAMS		SLAMS	SLAMS	1/3/2002	12/31/2013						
	211110043	3		NON-REGULATORY	NON-REGULATORY	SPECIAL PURPOSE	8/15/2012	12/31/2013						
	211110044	1	SLAMS	SLAMS	SLAMS	SLAMS	6/15/1998	12/31/2013						

			Monitor Type by Year from AMP 430			Monitor Types with Begin/End Dates* from AMP 500								
State	Site	POC	2011	2012	2013	Mon Type 1	Begin Date 1	End Date 1	Mon Type 2	Begin Date 2	End Date 2	Mon Type 3	Begin Date 3	End Date 3
	211110051	1	SLAMS		SLAMS	SLAMS	1/1/2009	12/31/2013						
	211110051	3		NON-REGULATORY	NON-REGULATORY	SPECIAL PURPOSE	4/17/2012	12/31/2013						
	211110067	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2009	12/31/2013						
	211110067	3	NON-REGULATORY	NON-REGULATORY	NON-REGULATORY	SPECIAL PURPOSE	1/24/2011	12/31/2013						
	211451004	1	SLAMS	SLAMS	SLAMS	SLAMS	6/15/1998	8/8/2013						
	211451024	1			SLAMS	SLAMS	8/11/2013	12/31/2013						
	211510003	1	SLAMS	SLAMS	SLAMS	SLAMS	6/15/1998	12/31/2013						
	211930003	1			SPECIAL PURPOSE	SPECIAL PURPOSE	11/1/2013	12/31/2013						
	211950002	1	SLAMS	SLAMS	SLAMS	SLAMS	6/15/1998	12/31/2013						
	211950002	2	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2010	12/31/2013						
	211950002	3		NON-REGULATORY	NON-REGULATORY	SPECIAL PURPOSE	8/1/2012	12/31/2013						
	211990003	1		SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	1/1/2012	12/31/2013						
	211990003	3	NON-REGULATORY			SPECIAL PURPOSE	10/28/2010	6/24/2011						
	212270008	1	SLAMS	SLAMS		SLAMS	9/6/2007	4/30/2012						
	212270008	2	SLAMS	SLAMS		SLAMS	9/6/2007	4/30/2012						
	212270009	1		SLAMS	SLAMS	SLAMS	5/1/2012	12/31/2013						
	212270009	2		SLAMS	SLAMS	SLAMS	5/1/2012	12/31/2013						
LOUISIANA														
	220170008	1	SLAMS	SLAMS	SLAMS	SLAMS	12/30/2005	12/31/2013						
	220170008	2	SLAMS	SLAMS	SLAMS	SLAMS	12/30/2005	12/31/2013						
	220190009	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	220190010	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	220330009	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	220330009	2	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	220330009	3	SLAMS	SLAMS	SLAMS	SLAMS	1/10/2011	12/31/2013						
	220470005	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	220470009	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	220511001	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	220512001	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	220550006	1	SLAMS			SLAMS	1/1/2000	2/10/2011						
	220550007	1	SLAMS	SLAMS	SLAMS	SLAMS	12/12/2005	12/31/2013						
	220730004	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	220790002	1	SPECIAL PURPOSE	SPECIAL PURPOSE	SLAMS	SPECIAL PURPOSE	5/27/2003	6/30/2013	SLAMS	7/1/2013	12/31/2013			
	220870007	1	SPECIAL PURPOSE	SPECIAL PURPOSE	SLAMS	SPECIAL PURPOSE	5/1/2006	12/31/2012	SLAMS	1/1/2013	12/31/2013			
	221050001	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	221050001	2	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2002	12/31/2013						
	221090001	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2000	12/31/2013						
	221210001	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
MAINE														
	230010011	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	230010011	4			SLAMS	SLAMS	9/12/2013	12/31/2013						
	230030014	1	SLAMS	SLAMS	SLAMS	SLAMS	7/7/2009	12/31/2013						
	230031008	2	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	6/19/2009	12/31/2013						
	230031011	1	SLAMS	SLAMS	SLAMS	SLAMS	10/1/1997	12/31/2013						
	230050015	1	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	1/1/1999	12/31/2013						
	230050029	1	SLAMS	SLAMS	SLAMS	SLAMS	1/22/2008	12/31/2013						
	230050029	2	SLAMS	SLAMS	SLAMS	SLAMS	1/31/2008	12/31/2013						
	230050029	3			SLAMS	SLAMS	5/7/2013	12/31/2013						
	230090103	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	230090103	2			SLAMS	SLAMS	11/1/2013	12/31/2013						
	230110016	1	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	1/1/1999	12/31/2013						
	230110016	2	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	1/1/1999	12/31/2013						
	230172011	1	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	12/1/1998	12/31/2013						
	230190002	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						

			Monitor Type by Year from AMP 430			Monitor Types with Begin/End Dates* from AMP 500								
State	Site	POC	2011	2012	2013	Mon Type 1	Begin Date 1	End Date 1	Mon Type 2	Begin Date 2	End Date 2	Mon Type 3	Begin Date 3	End Date 3
	230190002	2			SLAMS	SLAMS	1/1/2013	12/31/2013						
	230210004	1	SPECIAL PURPOSE			SPECIAL PURPOSE	1/3/2007	6/1/2011						
MARYLAND														
	240031003	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	240051007	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	240051007	2	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	240053001	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	240150003	3	SLAMS	SLAMS	SLAMS	SLAMS	7/1/2010	12/31/2013						
	240190004	3		SLAMS	SLAMS	SLAMS	4/1/2012	12/31/2013						
	240230002	3	SLAMS	SLAMS	SLAMS	SLAMS	7/2/2010	12/31/2013						
	240251001	1	SLAMS			SLAMS	1/1/1999	9/6/2011						
	240251001	3	SLAMS	SLAMS	SLAMS	SLAMS	9/1/2011	12/31/2013						
	240290002	3	SLAMS	SLAMS	SLAMS	SLAMS	7/1/2010	12/31/2013						
	240313001	3	SLAMS	SLAMS	SLAMS	SLAMS	7/1/2010	12/31/2013						
	240330025	1	SLAMS			SLAMS	1/1/2007	12/30/2011						
	240330030	1	SLAMS	SLAMS	SLAMS	SLAMS	7/2/2010	12/31/2013						
	240330030	2	SLAMS	SLAMS	SLAMS	SLAMS	7/31/2010	12/31/2013						
	240330030	3	SLAMS	SLAMS	SLAMS	SLAMS	7/1/2010	12/31/2013						
	240338003	1	SLAMS	SLAMS	SLAMS	SLAMS	5/1/2002	12/31/2013						
	240338003	2	SLAMS	SLAMS	SLAMS	SLAMS	5/1/2002	12/31/2013						
	240430009	3	SLAMS	SLAMS	SLAMS	SLAMS	7/1/2010	12/31/2013						
	245100006	1	SLAMS			SLAMS	1/1/1999	12/30/2011						
	245100007	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	245100008	1	SLAMS	SLAMS	SLAMS	SLAMS	6/20/2001	12/31/2013						
	245100040	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	245100040	3	SLAMS	SLAMS	SLAMS	SLAMS	7/1/2010	12/31/2013						
MASSACHUSETTS														
	250035001	1	SLAMS	SLAMS	SLAMS	SLAMS	12/15/1998	12/31/2013						
	250051004	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2003	12/31/2013						
	250092006	1	SLAMS	SLAMS	SLAMS	SLAMS	1/3/1999	12/31/2013						
	250095005	1	SLAMS	SLAMS	SLAMS	SLAMS	1/3/1999	12/31/2013						
	250096001	1	SLAMS	SLAMS	SLAMS	SLAMS	4/3/1999	12/31/2013						
	250130008	1	SLAMS	SLAMS	SLAMS	SLAMS	12/15/1998	12/31/2013						
	250130008	2	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2006	12/31/2013						
	250130016	1	SLAMS	SLAMS	SLAMS	SLAMS	12/15/1998	12/31/2013						
	250132009	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2002	12/31/2013						
	250170009	1	EPA	EPA		EPA	6/1/2005	12/1/2012						
	250230004	1	SLAMS	SLAMS	SLAMS	SLAMS	12/15/1998	12/31/2013						
	250230004	2	SLAMS	SLAMS	SLAMS	SLAMS	1/3/1999	12/31/2013						
	250230005	1			SLAMS	SLAMS	10/1/2013	12/31/2013						
	250250002	1	SLAMS	SLAMS	SLAMS	SLAMS	12/15/1998	12/31/2013						
	250250027	1	SLAMS	SLAMS	SLAMS	SLAMS	12/15/1998	12/31/2013						
	250250042	1	SLAMS	SLAMS	SLAMS	SLAMS	7/1/2010	12/31/2013						
	250250043	1	SLAMS	SLAMS	SLAMS	SLAMS	4/9/1999	12/31/2013						
	250250043	2	SLAMS	SLAMS	SLAMS	SLAMS	5/1/2005	12/31/2013						
	250250044	1			SLAMS	SLAMS	10/1/2013	12/31/2013						
	250270016	1	SLAMS	SLAMS	SLAMS	SLAMS	1/22/2000	12/31/2013						
	250270023	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2004	12/31/2013						
MICHIGAN														
	260050003	1	SLAMS	SLAMS	SLAMS	SLAMS	10/31/1998	12/31/2013						
	260170014	1	SLAMS	SLAMS	SLAMS	SLAMS	8/24/2000	12/31/2013						
	260210014	1	SLAMS	SLAMS	SLAMS	SLAMS	11/7/1998	12/31/2013						
	260330901	1	TRIBAL MONITORS	TRIBAL MONITORS	TRIBAL MONITORS	TRIBAL MONITORS	1/1/2010	12/31/2013						
	260330901	2	TRIBAL MONITORS	TRIBAL MONITORS	TRIBAL MONITORS	TRIBAL MONITORS	4/1/2010	12/31/2013						

			Monitor Type by Year from AMP 430			Monitor Types with Begin/End Dates* from AMP 500								
State	Site	POC	2011	2012	2013	Mon Type 1	Begin Date 1	End Date 1	Mon Type 2	Begin Date 2	End Date 2	Mon Type 3	Begin Date 3	End Date 3
	260330901	3		NON-REGULATORY	NON-REGULATORY	TRIBAL MONITORS	1/1/2011	1/1/2011	SPECIAL PURPOSE	1/1/2012	12/31/2013			
	260490021	1	SLAMS	SLAMS	SLAMS	SLAMS	12/16/1998	12/31/2013						
	260650012	1	SLAMS	SLAMS	SLAMS	SLAMS	11/7/1998	12/31/2013						
	260770008	1	SLAMS	SLAMS	SLAMS	SLAMS	11/19/1998	12/31/2013						
	260770008	2	SLAMS	SLAMS	SLAMS	SLAMS	11/19/1998	12/31/2013						
	260810007	1	SLAMS	SLAMS	SLAMS	SLAMS	1/3/2007	12/31/2013						
	260810020	1	SLAMS	SLAMS	SLAMS	SLAMS	10/23/1998	12/31/2013						
	260810020	2	SLAMS	SLAMS	SLAMS	SLAMS	10/23/1998	12/31/2013						
	260910007	1	SLAMS	SLAMS	SLAMS	SLAMS	4/3/2008	12/31/2013						
	260990009	1	SLAMS	SLAMS	SLAMS	SLAMS	12/22/1998	12/31/2013						
	261010922	1	TRIBAL MONITORS	TRIBAL MONITORS	TRIBAL MONITORS	TRIBAL MONITORS	4/2/2006	12/31/2013						
	261130001	1	SLAMS	SLAMS	SLAMS	SLAMS	2/8/2003	12/31/2013						
	261150005	1	SLAMS	SLAMS	SLAMS	SLAMS	12/17/1999	7/24/2013						
	261150006	1			SLAMS	SLAMS	8/8/2013	12/31/2013						
	261210040	1	SLAMS	SLAMS	SLAMS	SLAMS	12/18/1998	7/22/2013						
	261250001	1	SLAMS	SLAMS	SLAMS	SLAMS	12/25/1998	12/31/2013						
	261390005	1	SLAMS	SLAMS	SLAMS	SLAMS	11/7/1998	12/31/2013						
	261470005	1	SLAMS	SLAMS	SLAMS	SLAMS	1/4/1999	12/31/2013						
	261610008	1	SLAMS	SLAMS	SLAMS	SLAMS	8/4/1999	12/31/2013						
	261610008	2	SLAMS	SLAMS	SLAMS	SLAMS	8/4/1999	12/31/2013						
	261630001	1	SLAMS	SLAMS	SLAMS	SLAMS	5/12/1999	12/31/2013						
	261630015	1	SLAMS	SLAMS	SLAMS	SLAMS	2/26/1999	12/31/2013						
	261630016	1	SLAMS	SLAMS	SLAMS	SLAMS	5/12/1999	12/31/2013						
	261630019	1	SLAMS	SLAMS	SLAMS	SLAMS	4/30/2000	12/31/2013						
	261630025	1	SLAMS	SLAMS	SLAMS	SLAMS	8/22/1999	12/31/2013						
	261630033	1	SLAMS	SLAMS	SLAMS	SLAMS	2/5/1999	12/31/2013						
	261630033	2	SLAMS	SLAMS	SLAMS	SLAMS	1/11/2010	12/31/2013						
	261630036	1	SLAMS	SLAMS	SLAMS	SLAMS	2/20/1999	12/31/2013						
	261630038	1	SLAMS	SLAMS	SLAMS	SLAMS	12/26/2004	2/5/2013						
	261630039	1	SLAMS	SLAMS	SLAMS	SLAMS	8/26/2005	12/31/2013						
	261630039	3	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	1/1/2010	12/31/2013						
MINNESOTA														
	270031002	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2010	12/31/2013						
	270031002	3	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2011	12/31/2013						
	270052013	3			SLAMS	SLAMS	1/1/2013	12/31/2013						
	270210001	1	TRIBAL MONITORS	TRIBAL MONITORS		TRIBAL MONITORS	1/3/2003	12/31/2013						
	270210001	2	TRIBAL MONITORS	TRIBAL MONITORS		TRIBAL MONITORS	1/3/2003	12/31/2013						
	270353204	3			SLAMS	SLAMS	1/1/2013	12/31/2013						
	270370470	1	SLAMS	SLAMS	SLAMS	SLAMS	10/3/2000	12/31/2013						
	270370470	3			SLAMS	SLAMS	1/1/2013	12/31/2013						
	270530909	3			SPECIAL PURPOSE	SPECIAL PURPOSE	1/1/2013	12/31/2013						
	270530962	3			SLAMS	SLAMS	10/1/2013	12/31/2013						
	270530963	1	SLAMS	SLAMS	SLAMS	SLAMS	1/7/2001	12/31/2013						
	270530963	3	SLAMS	SLAMS	SLAMS	SLAMS	7/1/2011	12/31/2013						
	270532006	1	SLAMS	SLAMS	SLAMS	SLAMS	4/24/1999	12/31/2013						
	270750005	3			SLAMS	SLAMS	8/9/2005	12/31/2013						
	270834210	3	SLAMS	SLAMS	SLAMS	SLAMS	3/1/2011	12/31/2013						
	271095008	1			SLAMS	SLAMS	1/1/2013	12/31/2013						
	271095008	3	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2011	12/31/2013						
	271230868	1	SLAMS	SLAMS	SLAMS	SLAMS	3/31/1999	12/31/2013						
	271230871	1	SLAMS	SLAMS	SLAMS	SLAMS	4/24/1999	12/31/2013						
	271230871	2	SLAMS	SLAMS	SLAMS	SLAMS	4/27/2001	12/31/2013						
	271230871	3	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2011	12/31/2013						
	271230871	4	SLAMS	SLAMS	SLAMS	SLAMS	7/1/2011	12/31/2013						

			Monitor Type by Year from AMP 430			Monitor Types with Begin/End Dates* from AMP 500								
State	Site	POC	2011	2012	2013	Mon Type 1	Begin Date 1	End Date 1	Mon Type 2	Begin Date 2	End Date 2	Mon Type 3	Begin Date 3	End Date 3
	271377001	1	SLAMS	SLAMS		SLAMS	5/30/1999	12/31/2012						
	271377001	3			SLAMS	SLAMS	1/1/2013	12/31/2013						
	271377550	1	SLAMS	SLAMS	SLAMS	SLAMS	5/6/1999	12/31/2013						
	271377550	2	SLAMS	SLAMS	SLAMS	SLAMS	6/5/1999	12/31/2013						
	271377551	1	SLAMS			SLAMS	1/1/2000	12/31/2011						
	271377551	3	SLAMS			SLAMS	7/1/2011	12/31/2011						
	271377554	1		SLAMS	SLAMS	SLAMS	1/1/2012	12/31/2013						
	271377554	3		SLAMS	SLAMS	SLAMS	1/1/2012	12/31/2013						
	271390505	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2000	12/31/2013						
	271453052	3	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2011	12/31/2013						
	271630447	3		INDUSTRIAL	INDUSTRIAL	INDUSTRIAL	1/1/2012	12/31/2013						
	271630448	1		INDUSTRIAL	INDUSTRIAL	INDUSTRIAL	1/1/2012	12/31/2013						
	271630448	3		SPECIAL PURPOSE	INDUSTRIAL	SPECIAL PURPOSE	1/1/2012	2/13/2012	INDUSTRIAL	2/14/2012	12/31/2013			
	271713201	3			SLAMS	SLAMS	1/1/2013	12/31/2013						
MISSISSIPPI														
	280330002	1	SLAMS	SLAMS	SLAMS	SLAMS	2/14/1999	12/31/2013						
	280330002	2			SLAMS	SLAMS	1/1/2013	12/31/2013						
	280350004	1	SLAMS	SLAMS	SLAMS	SLAMS	3/7/1999	12/31/2013						
	280350004	2			SLAMS	SLAMS	1/1/2013	12/31/2013						
	280430001	1	SLAMS	SLAMS	SLAMS	SLAMS	12/1/2001	12/31/2013						
	280450003	1	SLAMS	SLAMS	SLAMS	SLAMS	6/1/2005	12/31/2013						
	280470008	1	SLAMS	SLAMS	SLAMS	SLAMS	4/3/1999	12/31/2013						
	280490010	1	SLAMS	SLAMS	SLAMS	SLAMS	2/14/1999	12/31/2013						
	280490019	1	SLAMS	SLAMS		SLAMS	7/1/2010	7/1/2012						
	280490019	3	SLAMS	SLAMS		SLAMS	2/1/2011	7/1/2012						
	280490020	1			SLAMS	SLAMS	7/1/2013	12/31/2013						
	280590006	1	SLAMS	SLAMS	SLAMS	SLAMS	2/14/1999	12/31/2013						
	280670002	1	SLAMS	SLAMS		SLAMS	3/7/1999	12/31/2012						
	280670002	2	SLAMS	SLAMS		SLAMS	1/1/2011	12/31/2012						
	280750003	1	SLAMS	SLAMS		SLAMS	4/3/1999	12/31/2012						
	280810005	1	SLAMS	SLAMS		SLAMS	2/14/1999	12/31/2012						
	280810005	2	SLAMS	SLAMS		SLAMS	1/1/2011	12/31/2012						
MISSOURI														
	290210005	3	SLAMS			SLAMS	10/1/2009	3/31/2011						
	290210005	4	SLAMS	SLAMS	SLAMS	SLAMS	2/15/2011	12/31/2013						
	290210005	5		SLAMS	SLAMS	SLAMS	11/1/2012	12/31/2013						
	290370003	3	SLAMS	SLAMS		SLAMS	12/1/2009	7/19/2012						
	290370003	4		SLAMS	SLAMS	SLAMS	7/20/2012	12/31/2013						
	290390001	3	SLAMS	SLAMS		SLAMS	1/1/2009	9/19/2012						
	290390001	4		SLAMS	SLAMS	SLAMS	9/20/2012	12/31/2013						
	290470005	3	SLAMS	SLAMS		SLAMS	10/1/2009	2/29/2012						
	290470005	4		SLAMS	SLAMS	SLAMS	3/1/2012	12/31/2013						
	290770032	1	SLAMS			SLAMS	1/3/1999	9/30/2011						
	290770032	2	SLAMS			SLAMS	1/3/1999	9/30/2011						
	290770032	4	SLAMS	SLAMS	SLAMS	SLAMS	5/1/2011	12/31/2013						
	290950034	1	SLAMS	SLAMS	SLAMS	SLAMS	10/1/2009	12/31/2013						
	290950034	3	SLAMS	SLAMS	SLAMS	SLAMS	10/1/2009	4/9/2013						
	290950034	4			SLAMS	SLAMS	4/10/2013	12/31/2013						
	290950042	4			SPECIAL PURPOSE	SPECIAL PURPOSE	7/1/2013	12/31/2013						
	290990019	3	SLAMS			SLAMS	10/1/2009	12/31/2011						
	290990019	4		SLAMS	SLAMS	SLAMS	1/1/2012	12/31/2013						
	291893001	3	SLAMS	SLAMS		SLAMS	7/1/2009	12/13/2012						
	291893001	4		SLAMS	SLAMS	SLAMS	12/14/2012	12/31/2013						
	295100007	1	SLAMS			SLAMS	1/1/1999	9/30/2011						

			Monitor Type by Year from AMP 430			Monitor Types with Begin/End Dates* from AMP 500								
State	Site	POC	2011	2012	2013	Mon Type 1	Begin Date 1	End Date 1	Mon Type 2	Begin Date 2	End Date 2	Mon Type 3	Begin Date 3	End Date 3
	295100007	4	SLAMS	SLAMS	SLAMS	SLAMS	4/7/2011	12/31/2013						
	295100085	1	SLAMS	SLAMS	SLAMS	SLAMS	3/30/1999	12/31/2013						
	295100085	2	SLAMS	SLAMS	SLAMS	SLAMS	3/30/1999	12/31/2013						
	295100085	4	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2011	12/31/2013						
	295100093	1	SLAMS			SLAMS	7/16/2007	12/31/2011						
	295100093	4	SLAMS	SLAMS	SLAMS	SLAMS	4/11/2011	12/31/2013						
	295100094	4			SPECIAL PURPOSE	SPECIAL PURPOSE	1/1/2013	12/31/2013						
MONTANA														
	300270006	3		SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	10/1/2012	12/31/2013						
	300290007	1	SLAMS			SLAMS	4/3/2008	8/26/2011						
	300290009	3	SLAMS			SLAMS	5/7/2010	7/14/2011						
	300290047	3	SLAMS			SLAMS	5/7/2010	7/14/2011						
	300290049	3	SLAMS	SLAMS	SLAMS	SLAMS	8/27/2011	12/31/2013						
	300310008	1	SLAMS			SLAMS	1/1/2000	6/30/2011						
	300310016	3	SLAMS			SLAMS	7/1/2008	6/1/2011						
	300310018	1	SPECIAL PURPOSE			SPECIAL PURPOSE	11/11/2008	6/30/2011						
	300490004	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2011	12/31/2013						
	300490004	3	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2011	12/31/2013						
	300490026	2	SLAMS	SLAMS	SLAMS	SLAMS	8/5/2009	12/31/2013						
	300490026	3	SLAMS	SLAMS	SLAMS	SLAMS	8/4/2009	12/31/2013						
	300530018	1	SLAMS			SLAMS	1/1/1999	8/12/2011						
	300530018	2	QA COLLOCATED			QA COLLOCATED	1/1/2002	8/12/2011						
	300530018	3	SLAMS	SLAMS	SLAMS	SLAMS	8/11/2011	12/31/2013						
	300630024	3	SLAMS	SLAMS	SLAMS	SLAMS	11/15/2008	12/31/2013						
	300630024	4	SLAMS	SLAMS	SLAMS	SLAMS	11/15/2008	12/31/2013						
	300630031	1	SLAMS			SLAMS	4/1/2002	8/14/2011						
	300630031	2	QA COLLOCATED			QA COLLOCATED	4/8/2002	8/14/2011						
	300630037	3	SLAMS	SLAMS	SLAMS	SLAMS	10/1/2009	12/31/2013						
	300710010	3		SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	10/1/2012	12/31/2013						
	300750001	3	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2010	12/31/2013						
	300810007	3	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2010	12/31/2013						
	300830001	3	INDUSTRIAL	INDUSTRIAL	SLAMS	INDUSTRIAL	10/10/2008	12/31/2012	SLAMS	1/1/2013	12/31/2013			
	300870001	3	SLAMS	SLAMS	SLAMS	SLAMS	2/5/2010	12/31/2013						
	300890007	1	SLAMS			SLAMS	9/24/2005	6/30/2011						
	300930005	2		SLAMS	SLAMS	SLAMS	10/6/2012	12/31/2013						
	300930005	3	SLAMS	SLAMS	SLAMS	SLAMS	3/19/2010	12/31/2013						
NEBRASKA														
	310550019	1	SLAMS	SLAMS	SLAMS	SLAMS	10/1/2009	12/31/2013						
	310550019	2	SLAMS	SLAMS	SLAMS	SLAMS	10/1/2009	12/31/2013						
	310550052	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	310790004	1	SLAMS	SLAMS	SLAMS	SLAMS	5/9/2004	12/31/2013						
	311090022	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	311090022	2	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	311530007	3	SLAMS	SLAMS	SLAMS	SLAMS	7/1/2010	12/31/2013						
	311570004	1	SLAMS	SLAMS	SLAMS	SLAMS	5/13/2009	12/31/2013						
	311770002	1	SLAMS	SLAMS	SLAMS	SLAMS	4/6/1999	12/31/2013						
NEVADA														
	320030298	3			SLAMS	SLAMS	10/3/2013	12/31/2013						
	320030540	1	SLAMS	SLAMS	SLAMS	SLAMS	10/2/2010	12/31/2013						
	320030540	3		SLAMS	SLAMS	SLAMS	1/1/2011	12/31/2013						
	320030540	4			SLAMS	SLAMS	7/3/2013	9/28/2013						
	320030561	1	SLAMS	SLAMS	SLAMS	SLAMS	4/14/2004	12/31/2013						
	320030561	2	SLAMS	SLAMS	SLAMS	SLAMS	4/14/2004	12/31/2013						
	320030561	3		SLAMS	SLAMS	SLAMS	10/3/2012	12/31/2013						

			Monitor Type by Year from AMP 430			Monitor Types with Begin/End Dates* from AMP 500								
State	Site	POC	2011	2012	2013	Mon Type 1	Begin Date 1	End Date 1	Mon Type 2	Begin Date 2	End Date 2	Mon Type 3	Begin Date 3	End Date 3
	320031019	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	320031019	3			SLAMS	SLAMS	4/5/2013	12/31/2013						
	320032002	3		SLAMS	SLAMS	SLAMS	12/19/2012	12/31/2013						
	320038000	1			NON-REGULATORY	TRIBAL MONITORS	3/15/2013	12/31/2013						
	320050007	1			SPECIAL PURPOSE	SPECIAL PURPOSE	4/1/2013	12/31/2013						
	320310016	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	320310016	2	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	320310016	3	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2011	12/31/2013						
	320310022	1			SLAMS	SLAMS	1/1/2013	12/31/2013						
	320311005	1		SPECIAL PURPOSE	SLAMS	SPECIAL PURPOSE	1/1/2012	6/30/2013	SLAMS	7/1/2013	12/31/2013			
	325100020	1			SLAMS	SLAMS	4/1/2013	12/31/2013						
	325100020	2			SLAMS	SLAMS	4/1/2013	12/31/2013						
NEW HAMPSHIRE														
	330012004	1	SLAMS	SLAMS	SLAMS	SLAMS	4/1/2001	12/31/2013						
	330050007	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	330050007	3	SLAMS	SLAMS	SLAMS	SLAMS	10/1/2008	12/31/2013						
	330090010	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2011	12/31/2013						
	330090010	3	SLAMS	SLAMS	SLAMS	SLAMS	12/1/2008	12/31/2013						
	330111015	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2005	12/31/2013						
	330115001	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2006	12/31/2013						
	330115001	3	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2011	12/31/2013						
	330131006	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2004	12/31/2013						
	330131006	2	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2006	12/31/2013						
	330131006	4			SLAMS	SLAMS	1/1/2004	12/31/2013						
	330150014	1	SLAMS	SLAMS	SLAMS	SLAMS	5/2/2001	12/31/2013						
	330150014	3	SLAMS	SLAMS	SLAMS	SLAMS	2/1/2010	12/31/2013						
	330150014	6			SLAMS	SLAMS	2/1/2010	12/4/2013						
	330150018	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2011	12/31/2013						
	330150018	3	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2011	12/31/2013						
	330150018	4			SLAMS	SLAMS	1/1/2011	12/31/2013						
NEW JERSEY														
	340010006	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2007	12/31/2013						
	340011006	1	SLAMS	SLAMS	SLAMS	SLAMS	7/27/2001	12/31/2013						
	340030003	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	340070002	1		SLAMS	SLAMS	SLAMS	4/21/2012	12/31/2013						
	340071007	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	340130003	1	SLAMS	SLAMS	SLAMS	SLAMS	6/1/2009	12/31/2013						
	340150004	1	SLAMS	SLAMS	SLAMS	SLAMS	2/2/2007	12/31/2013						
	340171003	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	340171003	2	SLAMS	SLAMS	SLAMS	SLAMS	12/8/1999	12/31/2013						
	340172002	1	SLAMS	SLAMS	SLAMS	SLAMS	7/24/2005	12/31/2013						
	340210008	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	340218001	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	340230006	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	340270004	1	SLAMS	SLAMS	SLAMS	SLAMS	5/30/1999	12/31/2013						
	340273001	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	340292002	1	SLAMS	SLAMS	SLAMS	SLAMS	2/11/1999	12/31/2013						
	340310005	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	340390004	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	340390004	2	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	340390004	3	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2010	12/31/2013						
	340390006	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	340392003	1	SLAMS	SLAMS	SLAMS	SLAMS	12/11/1999	12/31/2013						
	340410006	1	SLAMS	SLAMS	SLAMS	SLAMS	8/10/1999	12/31/2013						

			Monitor Type by Year from AMP 430			Monitor Types with Begin/End Dates* from AMP 500								
State	Site	POC	2011	2012	2013	Mon Type 1	Begin Date 1	End Date 1	Mon Type 2	Begin Date 2	End Date 2	Mon Type 3	Begin Date 3	End Date 3
	340410007	1	SLAMS	SLAMS	SLAMS	SLAMS	9/26/2010	12/31/2013						
NEW MEXICO														
	350010023	1	SLAMS	SLAMS	SLAMS	SLAMS	2/3/1999	12/31/2013						
	350010023	2	SLAMS	SLAMS	SLAMS	SLAMS	1/5/2000	12/31/2013						
	350010024	1	SLAMS	SLAMS	SLAMS	SLAMS	2/3/1999	12/31/2013						
	350010024	3			SLAMS	SLAMS	7/1/2013	12/31/2013						
	350010029	1		SLAMS	SLAMS	SLAMS	12/7/2012	12/31/2013						
	350050005	1	SLAMS			SLAMS	1/1/2006	7/13/2011						
	350130025	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2006	12/31/2013						
	350171002	1	SLAMS			SLAMS	1/1/2006	7/12/2011						
	350250008	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2006	12/31/2013						
	350450019	1	SLAMS	SLAMS	SLAMS	SLAMS	10/1/2008	12/31/2013						
	350450019	2	SLAMS	SLAMS	SLAMS	SLAMS	10/1/2008	12/31/2013						
	350490020	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2006	12/31/2013						
NEW YORK														
	360010005	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	360010005	2	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	360010012	1	SLAMS	SLAMS	SLAMS	SLAMS	1/13/2008	12/31/2013						
	360050080	1	SLAMS	SLAMS		SLAMS	1/1/1999	12/31/2013						
	360050110	1		SLAMS	SLAMS	SLAMS	9/15/1999	12/31/2013						
	360050133	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2008	12/31/2013						
	360130006	1			SLAMS	SLAMS	4/4/2013	12/31/2013						
	360130011	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	4/7/2013						
	360290002	1			SLAMS	SLAMS	4/4/2013	12/31/2013						
	360290005	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	360310003	1	SLAMS	SLAMS	SLAMS	SLAMS	7/1/1999	12/31/2013						
	360470122	1	SLAMS	SLAMS	SLAMS	SLAMS	10/1/2000	12/31/2013						
	360551007	1	SLAMS	SLAMS	SLAMS	SLAMS	8/1/2004	12/31/2013						
	360590008	1	SLAMS			SLAMS	1/1/1999	12/31/2011						
	360610079	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2000	12/31/2013						
	360610079	2	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2006	12/31/2013						
	360610128	1	SLAMS	SLAMS	SLAMS	SLAMS	10/1/2001	12/31/2013						
	360610134	1	SLAMS	SLAMS	SLAMS	SLAMS	3/25/2007	12/31/2013						
	360632008	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	4/2/2013						
	360671015	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	360710002	1	SLAMS	SLAMS	SLAMS	SLAMS	12/31/1999	12/31/2013						
	360810124	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2001	12/31/2013						
	360850055	1	SLAMS	SLAMS	SLAMS	SLAMS	9/1/1999	12/31/2013						
	360850067	1	SLAMS			SLAMS	1/1/1999	12/29/2011						
	361010003	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2011	12/31/2013						
	361030002	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2006	12/31/2013						
	361191002	1	SLAMS			SLAMS	2/1/2000	12/31/2011						
NORTH CAROLINA														
	370010002	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	370210034	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	370210034	2	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	370330001	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	370330001	3		NON-REGULATORY	NON-REGULATORY	SPECIAL PURPOSE	3/9/2012	12/31/2013						
	370350004	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	370350004	2	SLAMS	SLAMS	SLAMS	SLAMS	8/16/2008	12/31/2013						
	370370004	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	370510009	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	370570002	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	370610002	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						

			Monitor Type by Year from AMP 430			Monitor Types with Begin/End Dates* from AMP 500								
State	Site	POC	2011	2012	2013	Mon Type 1	Begin Date 1	End Date 1	Mon Type 2	Begin Date 2	End Date 2	Mon Type 3	Begin Date 3	End Date 3
	370610002	3		NON-REGULATORY	NON-REGULATORY	SPECIAL PURPOSE	3/1/2012	12/31/2013						
	370630015	1	SLAMS	SLAMS	SLAMS	SLAMS	9/15/2007	12/31/2013						
	370650004	1	SLAMS	SLAMS	SLAMS	SLAMS	1/6/2004	12/31/2013						
	370670022	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	370670030	1	SLAMS	SLAMS	SLAMS	SLAMS	8/1/2004	12/31/2013						
	370710016	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	370810013	1	SLAMS	SLAMS	SLAMS	SLAMS	12/14/2001	12/31/2013						
	370810014	1	SLAMS	SLAMS	SLAMS	SLAMS	12/15/2007	12/31/2013						
	370870012	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2008	12/31/2013						
	370990006	1	TRIBAL MONITORS	TRIBAL MONITORS	TRIBAL MONITORS	TRIBAL MONITORS	4/1/2000	12/31/2013						
	370990006	2	TRIBAL MONITORS	TRIBAL MONITORS	TRIBAL MONITORS	TRIBAL MONITORS	4/1/2000	12/31/2013						
	371010002	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2009	12/31/2013						
	371050002	3			SPECIAL PURPOSE	SPECIAL PURPOSE	11/5/2013	12/31/2013						
	371070004	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	371110004	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	371110004	2	SLAMS	SLAMS	SLAMS	SLAMS	4/1/2005	12/31/2013						
	371170001	1	SLAMS	SLAMS	SLAMS	SLAMS	9/25/2003	12/31/2013						
	371170001	3		NON-REGULATORY	NON-REGULATORY	SPECIAL PURPOSE	10/25/2012	12/31/2013						
	371190041	1	SLAMS	SLAMS	SLAMS	SLAMS	7/1/2010	12/31/2013						
	371190042	1	SLAMS	SLAMS	SLAMS	SLAMS	9/12/2000	12/31/2013						
	371190042	2	SLAMS	SLAMS	SLAMS	SLAMS	9/12/2000	12/31/2013						
	371190043	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2006	3/7/2012	SLAMS	3/10/2012	12/31/2013			
	371210001	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	371230001	1	SLAMS	SLAMS	SLAMS	SLAMS	7/16/1999	12/31/2013						
	371230001	3			SPECIAL PURPOSE	SPECIAL PURPOSE	8/1/2013	12/31/2013						
	371290002	1	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	1/1/2010	12/31/2013						
	371290002	3		NON-REGULATORY	NON-REGULATORY	SPECIAL PURPOSE	10/23/2012	12/31/2013						
	371470006	1	SLAMS	SLAMS	SLAMS	SLAMS	4/3/2008	12/31/2013						
	371550005	1	SLAMS	SLAMS	SLAMS	SLAMS	8/1/2000	12/31/2013						
	371590021	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2005	12/31/2013						
	371590021	2	SLAMS	SLAMS	SLAMS	SLAMS	2/14/2011	12/31/2013						
	371730002	1	SLAMS			SLAMS	1/1/1999	5/28/2011						
	371730002	3	SLAMS	SLAMS	SLAMS	SLAMS	6/17/2009	5/31/2011	SLAMS	6/1/2011	6/30/2011	SLAMS	7/1/2011	12/31/2013
	371830014	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	371830014	3	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2011	12/31/2013						
	371830020	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2008	12/31/2013						
	371890003	1	SLAMS	SLAMS	SLAMS	SLAMS	9/15/2001	12/31/2013						
	371910005	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	371910005	3		NON-REGULATORY	NON-REGULATORY	SPECIAL PURPOSE	11/1/2012	12/31/2013						
NORTH DAKOTA														
	380070002	1	SLAMS	SLAMS	SLAMS	SLAMS	7/1/2000	12/31/2013						
	380130004	3	SLAMS	SLAMS	SLAMS	SLAMS	7/15/2010	12/31/2013						
	380150003	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	380150003	2	SLAMS	SLAMS	SLAMS	SLAMS	1/25/2006	12/31/2013						
	380150003	3	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2009	12/31/2013						
	380171004	1	SLAMS	SLAMS	SLAMS	SLAMS	1/2/2010	12/31/2013						
	380171004	3	SLAMS	SLAMS	SLAMS	SLAMS	4/12/2010	12/31/2013						
	380250003	3	SLAMS	SLAMS	SLAMS	SLAMS	9/22/2011	12/31/2013						
	380530002	3	SLAMS	SLAMS	SLAMS	SLAMS	7/29/2010	12/31/2013						
	380570004	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	380570004	3	SLAMS	SLAMS	SLAMS	SLAMS	7/23/2010	12/31/2013						
	380650002	3	SLAMS	SLAMS	SLAMS	SLAMS	11/17/2011	12/31/2013						
	381050003	3			SLAMS	SLAMS	1/1/2013	12/31/2013						
OHIO														

			Monitor Type by Year from AMP 430			Monitor Types with Begin/End Dates* from AMP 500								
State	Site	POC	2011	2012	2013	Mon Type 1	Begin Date 1	End Date 1	Mon Type 2	Begin Date 2	End Date 2	Mon Type 3	Begin Date 3	End Date 3
	390030009	1	SLAMS	SLAMS	SLAMS	SLAMS	3/3/2010	12/31/2013						
	390090003	1	SLAMS	SLAMS	SLAMS	SLAMS	1/3/1999	12/31/2013						
	390170003	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	390170016	1	SLAMS	SLAMS	SLAMS	SLAMS	10/3/2000	12/31/2013						
	390170019	1	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	6/1/2011	12/31/2013						
	390170020	1	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	7/1/2011	12/31/2013						
	390230005	1	SLAMS	SLAMS	SLAMS	SLAMS	7/26/2000	12/31/2013						
	390250022	1	SLAMS			SLAMS	1/1/2005	12/31/2011						
	390350034	1	SLAMS	SLAMS	SLAMS	SLAMS	7/11/2000	12/31/2013						
	390350038	1	SLAMS	SLAMS	SLAMS	SLAMS	1/3/1999	12/31/2013						
	390350038	2	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2008	12/31/2013						
	390350045	1	SLAMS	SLAMS	SLAMS	SLAMS	12/14/1999	12/31/2013						
	390350060	1	SLAMS	SLAMS	SLAMS	SLAMS	8/1/2009	12/31/2013						
	390350060	3		NON-REGULATORY	NON-REGULATORY	SPECIAL PURPOSE	4/1/2012	12/31/2013						
	390350065	1	SLAMS	SLAMS	SLAMS	SLAMS	1/29/1999	12/31/2013						
	390351002	1	SLAMS	SLAMS	SLAMS	SLAMS	1/8/1999	12/31/2013						
	390490024	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	390490025	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	390490025	2	SLAMS	SLAMS	SLAMS	SLAMS	8/1/2000	12/31/2013						
	390490029	3	SLAMS	SLAMS	SLAMS	SLAMS	6/24/2010	12/31/2013						
	390490081	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	390570005	1	SLAMS	SLAMS	SLAMS	SLAMS	10/3/2003	12/31/2013						
	390570005	2	SLAMS	SLAMS	SLAMS	SLAMS	10/6/2011	12/31/2013						
	390610006	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2005	12/31/2013						
	390610010	1	SLAMS	SLAMS	SLAMS	SLAMS	7/1/2011	12/31/2013						
	390610014	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	390610014	2	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2007	12/31/2013						
	390610040	1	SLAMS	SLAMS	SLAMS	SLAMS	4/1/1999	12/31/2013						
	390610040	4	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2011	12/31/2013						
	390610042	1	SLAMS	SLAMS	SLAMS	SLAMS	10/3/2000	12/31/2013						
	390810017	1	SLAMS	SLAMS	SLAMS	SLAMS	11/1/2003	12/31/2013						
	390810017	2			SLAMS	SLAMS	4/1/2013	12/31/2013						
	390810017	3	NON-REGULATORY	NON-REGULATORY	NON-REGULATORY	SPECIAL PURPOSE	7/13/2011	12/31/2013						
	390810021	1			SLAMS	SLAMS	12/1/2013	12/31/2013						
	390811001	1	SLAMS	SLAMS	SLAMS	SLAMS	2/11/1999	9/30/2013						
	390811001	2	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2007	3/31/2013						
	390850007	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2009	12/31/2013						
	390850007	2	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2009	12/31/2013						
	390870012	1	SLAMS	SLAMS	SLAMS	SLAMS	2/12/2008	12/31/2013						
	390933002	1	SLAMS	SLAMS	SLAMS	SLAMS	1/5/2002	12/31/2013						
	390933002	2	SLAMS	SLAMS	SLAMS	SLAMS	5/27/2003	12/31/2013						
	390950024	1	SLAMS	SLAMS	SLAMS	SLAMS	1/14/1999	12/31/2013						
	390950024	2	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2007	12/31/2013						
	390950026	1	SLAMS	SLAMS	SLAMS	SLAMS	4/11/1999	12/31/2013						
	390950028	1	SLAMS	SLAMS	SLAMS	SLAMS	10/24/2008	12/31/2013						
	390990005	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	390990005	2	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2008	12/31/2013						
	390990014	1	SLAMS	SLAMS	SLAMS	SLAMS	10/5/2002	12/31/2013						
	391030004	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2011	12/31/2013						
	391030004	3	SLAMS	SLAMS		SLAMS	1/1/2011	1/31/2011	SLAMS	12/1/2011	2/29/2012			
	391130032	1	SLAMS	SLAMS	SLAMS	SLAMS	8/1/2001	12/31/2013						
	391130032	2	SLAMS	SLAMS	SLAMS	SLAMS	8/1/2001	12/31/2013						
	391330002	1	SLAMS	SLAMS	SLAMS	SLAMS	1/30/1999	11/21/2013						
	391351001	1	SLAMS	SLAMS	SLAMS	SLAMS	1/21/1999	12/31/2013						

			Monitor Type by Year from AMP 430			Monitor Types with Begin/End Dates* from AMP 500								
State	Site	POC	2011	2012	2013	Mon Type 1	Begin Date 1	End Date 1	Mon Type 2	Begin Date 2	End Date 2	Mon Type 3	Begin Date 3	End Date 3
	391450013	1	SLAMS	SLAMS	SLAMS	SLAMS	1/15/1999	12/31/2013						
	391450013	2	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2008	12/31/2013						
	391510017	1	SLAMS	SLAMS	SLAMS	SLAMS	1/3/1999	12/31/2013						
	391510017	2	SLAMS	SLAMS	SLAMS	SLAMS	6/12/2001	12/31/2013						
	391510020	1	SLAMS	SLAMS	SLAMS	SLAMS	1/3/1999	12/31/2013						
	391530017	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	391530017	2	SLAMS	SLAMS	SLAMS	SLAMS	3/13/2000	12/31/2013						
	391530017	3	SLAMS			SLAMS	3/5/2010	4/21/2011						
	391530023	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	391550005	1	SLAMS	SLAMS	SLAMS	SLAMS	1/2/2010	12/31/2013						
	391650007	1	SLAMS			SLAMS	1/1/2007	12/31/2011						
OKLAHOMA														
	400019009	2	TRIBAL MONITORS	TRIBAL MONITORS	TRIBAL MONITORS	TRIBAL MONITORS	3/16/2009	12/31/2013						
	400159008	1	TRIBAL MONITORS			TRIBAL MONITORS	4/24/2000	7/15/2011						
	400159008	2	TRIBAL MONITORS			TRIBAL MONITORS	10/1/2003	7/15/2011						
	400270049	3			SPECIAL PURPOSE	SPECIAL PURPOSE	5/10/2013	12/31/2013						
	400310651	3			SPECIAL PURPOSE	SPECIAL PURPOSE	4/10/2013	12/31/2013						
	400710604	3		SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	3/7/2012	12/31/2013						
	400719030	1		TRIBAL MONITORS	TRIBAL MONITORS	TRIBAL MONITORS	10/1/2012	12/31/2013						
	400850300	1			SPECIAL PURPOSE	SPECIAL PURPOSE	4/1/2013	12/31/2013						
	400970186	1	SLAMS			SLAMS	1/1/2007	1/9/2011						
	401010169	1	SLAMS			SLAMS	1/1/2007	1/21/2011						
	401090035	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2007	12/31/2013						
	401090035	2	SLAMS	SLAMS		SLAMS	1/1/2007	3/31/2012						
	401091037	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2007	12/31/2013						
	401091037	3			SPECIAL PURPOSE	SPECIAL PURPOSE	5/17/2013	12/31/2013						
	401210415	1	SLAMS	SLAMS	SLAMS	SLAMS	4/1/1999	12/31/2013						
	401210415	3		SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	1/1/2012	12/31/2013						
	401359021	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2011	12/31/2013						
	401359021	2	SLAMS	SLAMS		SLAMS	1/1/2011	12/31/2012						
	401430174	3			SPECIAL PURPOSE	SPECIAL PURPOSE	6/11/2013	12/31/2013						
	401431127	1	SLAMS	SLAMS	SLAMS	SLAMS	1/13/2001	12/31/2013						
	401431127	2		SLAMS	SLAMS	SLAMS	1/1/2011	3/31/2012	SLAMS	4/1/2012	12/31/2013			
	401431127	3			SPECIAL PURPOSE	SPECIAL PURPOSE	6/27/2013	12/31/2013						
OREGON														
	410130100	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2009	12/31/2013						
	410250003	1	SLAMS	SLAMS	SLAMS	SLAMS	9/16/2009	12/31/2013						
	410290133	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	410290133	2	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2001	12/31/2013						
	410330114	1	SLAMS	SLAMS	SLAMS	SLAMS	11/1/2006	12/31/2013						
	410350004	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	410370001	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2007	12/31/2013						
	410390058	1	SLAMS			SLAMS	1/1/2008	6/29/2011						
	410390059	1	SLAMS	SLAMS	SLAMS	SLAMS	7/1/2011	12/31/2013						
	410390060	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	410390060	2	SLAMS	SLAMS	SLAMS	SLAMS	1/2/2002	12/31/2013						
	410391009	1	SLAMS	SLAMS	SLAMS	SLAMS	1/4/2004	12/31/2013						
	410392013	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	410399004	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2008	12/31/2013						
	410432002	1	SLAMS	SLAMS		SLAMS	11/1/2010	4/4/2012						
	410510080	1	SLAMS	SLAMS	SLAMS	SLAMS	8/2/2008	12/31/2013						
	410590121	1	SLAMS	SLAMS	SPECIAL PURPOSE	SLAMS	10/1/2006	12/31/2012	SPECIAL PURPOSE	1/1/2013	12/31/2013			
	410670004	1	SLAMS	SLAMS	SLAMS	SLAMS	12/1/2006	12/31/2013						
	410670004	2	SLAMS			SLAMS	7/1/2010	4/10/2011						

			Monitor Type by Year from AMP 430			Monitor Types with Begin/End Dates* from AMP 500								
State	Site	POC	2011	2012	2013	Mon Type 1	Begin Date 1	End Date 1	Mon Type 2	Begin Date 2	End Date 2	Mon Type 3	Begin Date 3	End Date 3
PENNSYLVANIA														
	420010001	3	SLAMS	SLAMS	SLAMS	SLAMS	7/1/2009	12/31/2013						
	420030002	1	SLAMS	SLAMS	SLAMS	SLAMS	6/8/2011	12/31/2013						
	420030002	3	SPECIAL PURPOSE			SPECIAL PURPOSE	1/1/2010	5/31/2011						
	420030008	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	420030008	2	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2005	12/31/2013						
	420030064	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	420030064	2	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2005	12/31/2013						
	420030067	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	420030093	1	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	3/25/1999	12/31/2013						
	420031008	1	SLAMS	SLAMS	SLAMS	SLAMS	2/13/1999	12/31/2013						
	420031301	1	SLAMS	SLAMS	SLAMS	SLAMS	1/30/1999	12/31/2013						
	420033007	1	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	1/1/2001	12/31/2013						
	420050001	3	SLAMS	SLAMS	SLAMS	SLAMS	7/1/2009	12/31/2013						
	420070014	1	SLAMS	SLAMS	SLAMS	SLAMS	12/1/1999	12/31/2013						
	420070014	3	SLAMS	SLAMS	SLAMS	SLAMS	10/7/2010	12/31/2013						
	420110011	1	SLAMS	SLAMS	SLAMS	SLAMS	7/1/2007	12/31/2013						
	420110011	3	SLAMS	SLAMS	SLAMS	SLAMS	10/7/2010	12/31/2013						
	420130801	3	SLAMS	SLAMS	SLAMS	SLAMS	6/1/2010	12/31/2013						
	420170012	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	420170012	3	SLAMS	SLAMS	SLAMS	SLAMS	6/1/2010	12/31/2013						
	420210011	3	SLAMS	SLAMS	SLAMS	SLAMS	4/1/2009	12/31/2013						
	420270100	1	SLAMS	SLAMS	SLAMS	SLAMS	2/1/2000	12/31/2013						
	420270100	3	SLAMS	SLAMS	SLAMS	SLAMS	9/1/2010	12/31/2013						
	420290100	1		SLAMS	SLAMS	SLAMS	10/1/2012	12/31/2013						
	420290100	3	SLAMS	SLAMS	SLAMS	SLAMS	7/1/2009	12/31/2013						
	420410101	1	SLAMS	SLAMS	SLAMS	SLAMS	3/29/2001	12/31/2013						
	420410101	3	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2009	12/31/2013						
	420430401	1		SLAMS	SLAMS	SLAMS	1/1/2012	12/31/2013						
	420430401	3	SLAMS		SLAMS	SLAMS	1/1/2009	12/31/2011	SLAMS	4/1/2013	12/31/2013			
	420450002	2	OTHER	OTHER	SLAMS	OTHER	1/1/1999	12/31/2012	SLAMS	1/1/2013	12/31/2013			
	420450002	3	SLAMS	SLAMS	SLAMS	SLAMS	4/1/2009	12/31/2013						
	420490003	3	SLAMS	SLAMS	SLAMS	SLAMS	7/1/2009	12/31/2013						
	420692006	3	SLAMS	SLAMS	SLAMS	SLAMS	7/1/2009	12/31/2013						
	420710007	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	420710007	2	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2009	12/31/2013						
	420710007	3	SLAMS	SLAMS	SLAMS	SLAMS	10/7/2010	12/31/2013						
	420750100	3	SLAMS	SLAMS	SLAMS	SLAMS	3/10/2011	12/31/2013						
	420850100	1	SLAMS	SLAMS	SLAMS	SLAMS	2/1/2000	12/31/2013						
	420850100	3	SLAMS	SLAMS	SLAMS	SLAMS	11/3/2010	12/31/2013						
	420890002	3	SLAMS	SLAMS	SLAMS	SLAMS	6/1/2010	12/31/2013						
	420910013	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	420910013	3	SLAMS	SLAMS	SLAMS	SLAMS	10/14/2010	12/31/2013						
	420950025	1		SLAMS	SLAMS	SLAMS	3/1/2012	12/31/2013						
	420950025	3	SLAMS	SLAMS	SLAMS	SLAMS	7/1/2009	12/31/2013						
	420950027	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2010	12/31/2013						
	421010004	2	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	421010047	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	421010047	3			SLAMS	SLAMS	4/1/2013	12/31/2013						
	421010047	4	SLAMS	SLAMS	SLAMS	SLAMS	7/1/2007	4/1/2013						
	421010048	1			SLAMS	SLAMS	1/1/2013	12/31/2013						
	421010048	3			SLAMS	SLAMS	1/1/2013	12/31/2013						
	421010055	1	SLAMS	SLAMS	SLAMS	SLAMS	1/9/2008	3/31/2013						
	421010055	3			SLAMS	SLAMS	4/1/2013	12/31/2013						

			Monitor Type by Year from AMP 430			Monitor Types with Begin/End Dates* from AMP 500								
State	Site	POC	2011	2012	2013	Mon Type 1	Begin Date 1	End Date 1	Mon Type 2	Begin Date 2	End Date 2	Mon Type 3	Begin Date 3	End Date 3
	421010057	1	SLAMS	SLAMS	SLAMS	SLAMS	7/1/2007	6/30/2013						
	421010057	3			SLAMS	SLAMS	7/1/2013	12/31/2013						
	421011002	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2011	9/30/2013						
	421011002	3	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2011	9/30/2013						
	421250005	3	SLAMS	SLAMS	SLAMS	SLAMS	4/1/2009	12/31/2013						
	421250200	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	421250200	3	SLAMS	SLAMS	SLAMS	SLAMS	11/10/2010	12/31/2013						
	421255001	1		SLAMS	SLAMS	SLAMS	7/1/2012	12/31/2013						
	421255001	3	SLAMS	SLAMS	SLAMS	SLAMS	7/1/2009	12/31/2013						
	421255200	1		SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	8/1/2012	12/31/2013						
	421290008	1		SLAMS	SLAMS	SLAMS	10/1/2012	12/31/2013						
	421290008	3	SLAMS	SLAMS	SLAMS	SLAMS	7/1/2009	12/31/2013						
	421290008	4		SLAMS	SLAMS	SLAMS	1/1/2012	12/31/2013						
	421330008	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	421330008	2	OTHER	OTHER	SLAMS	OTHER	1/1/1999	12/31/2012	SLAMS	1/1/2013	12/31/2013			
	421330008	3	SLAMS	SLAMS	SLAMS	SLAMS	10/7/2010	12/31/2013						
RHODE ISLAND														
	440030002	2	SLAMS	SLAMS	SLAMS	SLAMS	6/6/2009	12/31/2013						
	440030002	3	SLAMS	SLAMS	SLAMS	SLAMS	12/11/2008	12/31/2013						
	440070022	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	440070022	2	SLAMS	SLAMS	SLAMS	SLAMS	10/1/1990	12/31/2013						
	440070022	3		SLAMS	SLAMS	SLAMS	9/1/2012	12/31/2013						
	440070026	1	SLAMS	SLAMS	SLAMS	SLAMS	3/2/2001	12/31/2013						
	440070028	1	SLAMS	SLAMS		SLAMS	1/1/2004	12/29/2012						
	440071010	1	SLAMS	SLAMS	SLAMS	SLAMS	1/6/1999	12/31/2013						
	440071010	3	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2010	12/31/2013						
	440090007	1		SLAMS	SLAMS	SLAMS	9/1/2012	12/31/2012	SLAMS	1/1/2013	12/31/2013			
SOUTH CAROLINA														
	450190048	1	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	1/1/2008	12/31/2013						
	450190048	2	NON-REGULATORY	NON-REGULATORY	NON-REGULATORY	SPECIAL PURPOSE	1/1/2008	12/31/2013						
	450190049	1	SLAMS	SLAMS	SLAMS	SLAMS	11/26/1998	12/31/2013						
	450250001	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2008	12/31/2013						
	450370001	1	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	1/1/2008	12/31/2013						
	450410003	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2011	12/31/2013						
	450450009	1	SLAMS	SLAMS		SLAMS	5/30/1999	12/30/2012						
	450450009	2	SLAMS			SLAMS	1/1/2007	1/31/2011						
	450450015	1	SLAMS	SLAMS	SLAMS	SPECIAL PURPOSE	4/27/2008	1/1/2011	SLAMS	1/2/2011	12/31/2013			
	450450015	3	SPECIAL PURPOSE			SPECIAL PURPOSE	4/27/2008	10/31/2011						
	450450016	1	SLAMS	SLAMS	SLAMS	SLAMS	1/20/2011	12/31/2013						
	450450016	2	SLAMS	SLAMS	SLAMS	SLAMS	1/21/2011	12/31/2013						
	450630008	1	SLAMS	SLAMS	SLAMS	SLAMS	12/1/1998	12/31/2013						
	450730001	3	NON-REGULATORY			SPECIAL PURPOSE	1/5/2011	7/31/2011						
	450790007	1	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	1/1/2008	12/31/2013						
	450790019	1	SLAMS	SLAMS	SLAMS	SLAMS	11/26/1998	12/31/2013						
	450790019	2	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2007	12/31/2013						
	450830011	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2011	12/31/2013						
SOUTH DAKOTA														
	460110002	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	460130003	1	SLAMS	SLAMS	SLAMS	SLAMS	12/20/1999	12/31/2013						
	460290002	1	SLAMS			SLAMS	1/1/2003	12/31/2011						
	460290002	3		SLAMS	SLAMS	SLAMS	1/1/2012	12/31/2013						
	460330132	3	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2011	12/31/2013						
	460710001	3	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2009	12/31/2013						
	460990006	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						

			Monitor Type by Year from AMP 430			Monitor Types with Begin/End Dates* from AMP 500								
State	Site	POC	2011	2012	2013	Mon Type 1	Begin Date 1	End Date 1	Mon Type 2	Begin Date 2	End Date 2	Mon Type 3	Begin Date 3	End Date 3
	460990008	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2008	12/31/2013						
	460990008	3	SLAMS	SLAMS	SLAMS	SLAMS	7/1/2010	12/31/2013						
	461030020	3	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2011	12/31/2013						
	461031001	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	461270001	3	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2011	12/31/2013						
	461270002	1	SLAMS			SLAMS	1/1/2009	12/31/2011						
	461270002	3	SPECIAL PURPOSE	SLAMS	SLAMS	SPECIAL PURPOSE	1/1/2009	12/31/2011	SLAMS	1/1/2012	12/31/2013			
TENNESSEE														
	470090011	1	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	1/1/2006	12/31/2013						
	470370023	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	470370023	2	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	470370036	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	470450004	1	SLAMS	SLAMS	SLAMS	SLAMS	8/22/1999	12/31/2013						
	470650031	1	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	5/6/1999	12/31/2013						
	470651011	1	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	1/26/2002	12/31/2013						
	470654002	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	470654002	2	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	470930028	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	470930028	2	SLAMS	SLAMS	SLAMS	SLAMS	4/1/2011	12/31/2013						
	470931013	1	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	2/1/2007	12/31/2013						
	470931017	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	470931017	2	SPECIAL PURPOSE			SPECIAL PURPOSE	1/1/2006	3/31/2011						
	470931020	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	470990002	1	SLAMS	SLAMS	SLAMS	SLAMS	12/24/1998	12/31/2013						
	471050108	1	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	1/1/2006	12/31/2013						
	471071002	1	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	1/1/2006	12/31/2013						
	471130006	1	SLAMS	SLAMS	SLAMS	SLAMS	11/17/2004	12/31/2013						
	471130006	2	SLAMS	SLAMS	SLAMS	SLAMS	11/17/2004	12/31/2013						
	471192007	1	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	1/1/2006	12/31/2013						
	471251009	1	SLAMS	SLAMS	SLAMS	SLAMS	12/25/1998	12/31/2013						
	471410005	1	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	8/15/2006	12/31/2013						
	471450004	1	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	1/1/2006	12/31/2013						
	471451001	2	NON-EPA FEDERAL			NON-EPA FEDERAL	2/12/2009	12/31/2013						
	471451001	3	NON-EPA FEDERAL	NON-EPA FEDERAL	NON-EPA FEDERAL	NON-EPA FEDERAL	7/23/2010	12/31/2013						
	471453005	3	NON-EPA FEDERAL	NON-EPA FEDERAL	NON-EPA FEDERAL	NON-EPA FEDERAL	7/23/2010	12/31/2013						
	471453008	3	NON-EPA FEDERAL	NON-EPA FEDERAL	NON-EPA FEDERAL	NON-EPA FEDERAL	7/23/2010	12/31/2013						
	471453009	3	NON-EPA FEDERAL	NON-EPA FEDERAL	NON-EPA FEDERAL	NON-EPA FEDERAL	7/23/2010	12/31/2013						
	471453013	3	NON-EPA FEDERAL	NON-EPA FEDERAL	NON-EPA FEDERAL	NON-EPA FEDERAL	4/26/2010	12/31/2013						
	471570014	1	SLAMS			SLAMS	1/16/1999	2/20/2011						
	471570047	1	SLAMS	SLAMS	SLAMS	SLAMS	1/16/1999	12/31/2013						
	471570047	2	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	471570075	1	SLAMS	SLAMS	SLAMS	SLAMS	2/23/2011	12/31/2013						
	471631007	1	SLAMS	SLAMS	SLAMS	SLAMS	12/8/1998	12/31/2013						
	471650007	1	SLAMS	SLAMS	SLAMS	SLAMS	12/24/1998	12/31/2013						
	471650007	2	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2006	12/31/2013						
TEXAS														
	480290032	1	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	1/1/2008	12/31/2013						
	480290059	1	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	1/1/2008	12/31/2013						
	480370004	1	SLAMS	SLAMS	SLAMS	SLAMS	1/6/1999	12/31/2013						
	480612004	5	SLAMS	SLAMS	SLAMS	SLAMS	8/8/2005	6/16/2013						
	481130050	5	SLAMS	SLAMS	SLAMS	SLAMS	6/28/2002	12/31/2013						
	481130069	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	481130069	2	SLAMS	SLAMS	SLAMS	SLAMS	3/31/1999	12/31/2013						
	481130069	4	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2011	12/31/2013						

			Monitor Type by Year from AMP 430			Monitor Types with Begin/End Dates* from AMP 500								
State	Site	POC	2011	2012	2013	Mon Type 1	Begin Date 1	End Date 1	Mon Type 2	Begin Date 2	End Date 2	Mon Type 3	Begin Date 3	End Date 3
	481390016	5	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	1/1/2007	12/31/2013						
	481410037	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2005	12/31/2013						
	481410044	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2005	12/31/2013						
	481410044	6	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2011	12/31/2013						
	481671034	1			SLAMS	SLAMS	3/1/2013	12/31/2013						
	482010024	5	SLAMS	SLAMS	SLAMS	SLAMS	8/14/2000	12/31/2013						
	482010058	1	SLAMS	SLAMS	SLAMS	SLAMS	1/6/1999	12/31/2013						
	482011035	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	482011035	2	SLAMS	SLAMS	SLAMS	SLAMS	4/6/1999	12/31/2013						
	482011039	4	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2011	12/31/2013						
	482011039	8			SLAMS	SLAMS	8/10/2013	12/31/2013						
	482030002	1	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	1/1/2007	12/31/2013						
	482150043	1	SLAMS	SLAMS	SLAMS	SLAMS	1/3/1999	12/31/2013						
	483550032	1	SLAMS	SLAMS	SLAMS	SLAMS	1/6/1999	12/31/2013						
	483550032	2	SLAMS	SLAMS	SLAMS	SLAMS	1/19/2000	12/31/2013						
	483550034	5	SLAMS	SLAMS	SLAMS	SLAMS	1/31/2001	12/31/2013						
	484391002	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	484391006	1	SLAMS	SLAMS	SLAMS	SLAMS	4/1/2001	12/31/2013						
	484530020	5	SLAMS	SLAMS	SLAMS	SLAMS	6/27/2005	12/31/2013						
	484530021	2	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2008	12/31/2013						
UTAH														
	490030003	1	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	8/19/2000	12/31/2013						
	490050004	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2008	12/31/2013						
	490050004	2	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	4/21/2004	12/31/2013						
	490110004	1	SLAMS	SLAMS	SLAMS	SLAMS	7/12/2003	12/31/2013						
	490130002	1		SLAMS		SLAMS	1/1/2012	9/9/2012						
	490137011	1	NON-REGULATORY			TRIBAL MONITORS	3/26/2009	12/31/2013						
	490351001	1	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	7/23/2003	12/31/2013						
	490353006	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1998	12/31/2013						
	490353010	1	SLAMS	SLAMS	SLAMS	SLAMS	4/1/2007	12/31/2013						
	490353010	2	SLAMS	SLAMS	SLAMS	SLAMS	5/18/2008	12/31/2013						
	490450003	1	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	7/6/2005	12/31/2013						
	490471003	1		SLAMS		SLAMS	1/1/2012	9/9/2012						
	490475632	1		INDUSTRIAL	INDUSTRIAL	INDUSTRIAL	1/1/2012	12/31/2013						
	490475632	3		INDUSTRIAL	INDUSTRIAL	INDUSTRIAL	1/1/2012	12/31/2013						
	490490002	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1998	12/31/2013						
	490494001	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1998	12/31/2013						
	490494001	2	SLAMS	SLAMS	SLAMS	SLAMS	3/22/2003	12/31/2013						
	490495008	1	SPECIAL PURPOSE			SPECIAL PURPOSE	3/22/2000	12/31/2013						
	490495010	1	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	1/1/1999	12/31/2013						
	490530130	1	NON-EPA FEDERAL	NON-EPA FEDERAL	NON-EPA FEDERAL	NON-EPA FEDERAL	1/7/2009	7/31/2013						
	490570002	1	SLAMS	SLAMS	SLAMS	SLAMS	7/1/2001	12/31/2013						
	490571003	1	SLAMS	SLAMS	SLAMS	SLAMS	11/5/2000	12/31/2013						
VERMONT														
	500030004	1	SLAMS	SLAMS	SLAMS	SLAMS	6/22/2008	12/31/2013						
	500070007	1	SLAMS	SLAMS	SLAMS	SLAMS	1/3/2007	12/31/2013						
	500070012	1	SLAMS	SLAMS	SLAMS	SLAMS	7/29/1999	12/31/2013						
	500070012	2	SLAMS	SLAMS	SLAMS	SLAMS	1/7/2000	12/31/2013						
	500070014	1			SLAMS	SLAMS	1/15/2003	12/31/2013						
	500210002	1	SLAMS	SLAMS	SLAMS	SLAMS	1/25/2004	12/31/2013						
	500210002	2			SLAMS	SLAMS	1/1/2013	12/31/2013						
VIRGINIA														
	510030001	1	SLAMS	SLAMS	SLAMS	SLAMS	4/1/2008	12/31/2013						
	510130020	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						

			Monitor Type by Year from AMP 430			Monitor Types with Begin/End Dates* from AMP 500								
State	Site	POC	2011	2012	2013	Mon Type 1	Begin Date 1	End Date 1	Mon Type 2	Begin Date 2	End Date 2	Mon Type 3	Begin Date 3	End Date 3
	510130020	2	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	510360002	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	510410003	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	510590030	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	510690010	1	SLAMS	SLAMS	SLAMS	SLAMS	11/8/2007	12/31/2013						
	510870014	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	510870014	2	SLAMS	SLAMS	SLAMS	SLAMS	11/1/2004	12/31/2013						
	510870015	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	511071005	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	511390004	1	SLAMS	SLAMS	SLAMS	SLAMS	10/1/1999	12/31/2013						
	511611004	1			SLAMS	SLAMS	6/29/2013	12/31/2013						
	511650003	1	SLAMS	SLAMS	SLAMS	SLAMS	1/3/2007	12/31/2013						
	515100009	1	SPECIAL PURPOSE	SPECIAL PURPOSE		SPECIAL PURPOSE	1/2/2010	1/4/2012						
	515200006	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	516500008	1	SLAMS	SLAMS	SLAMS	SLAMS	6/13/2010	12/31/2013						
	516800015	1	SLAMS	SLAMS	SLAMS	SLAMS	4/1/2003	12/31/2013						
	517100024	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	517100024	2	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	517700015	1	SLAMS	SLAMS	SLAMS	SLAMS	10/17/2006	3/7/2013						
	517750011	1	SLAMS	SLAMS	SLAMS	SLAMS	11/1/2008	12/31/2013						
	518100008	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
WASHINGTON														
	530070011	3		SLAMS	SLAMS	SLAMS	12/18/2012	12/31/2013						
	530110013	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2007	3/31/2013						
	530110013	3	NON-REGULATORY	NON-REGULATORY	SLAMS	SPECIAL PURPOSE	10/1/2011	3/31/2013	SLAMS	4/1/2013	8/27/2013			
	530110023	3			SPECIAL PURPOSE	SPECIAL PURPOSE	9/4/2013	12/31/2013						
	530330057	3	SLAMS	SLAMS	SLAMS	SLAMS	12/27/2010	12/31/2013						
	530330080	1	SLAMS	SLAMS	SLAMS	SLAMS	2/1/2003	12/31/2013						
	530330080	3	SLAMS	SLAMS	SLAMS	SLAMS	7/1/2010	12/31/2013						
	530332004	3	SLAMS	SLAMS	SLAMS	SLAMS	12/17/2010	12/31/2013						
	530350007	3		NON-REGULATORY	NON-REGULATORY	SPECIAL PURPOSE	5/1/2012	5/1/2014						
	530470013	1	TRIBAL MONITORS			TRIBAL MONITORS	10/23/2010	4/3/2011						
	530530029	1	SLAMS	SLAMS	SLAMS	SLAMS	10/3/1999	12/31/2013						
	530530029	2		SLAMS	SLAMS	SLAMS	4/3/2012	12/31/2013						
	530530029	3	SLAMS	SLAMS	SLAMS	SLAMS	12/27/2010	12/31/2013						
	530530029	4	SLAMS	SLAMS		SLAMS	12/16/2010	5/31/2012						
	530570011	3			NON-REGULATORY	SPECIAL PURPOSE	1/1/2013	12/31/2013						
	530610005	3	SLAMS	SLAMS	SLAMS	SLAMS	1/6/2011	12/31/2013						
	530610005	4			SLAMS	SLAMS	9/18/2013	12/31/2013						
	530610020	1	SLAMS	SLAMS		SLAMS	7/21/2006	3/31/2012						
	530610020	3	SLAMS	SLAMS	SLAMS	SLAMS	12/28/2010	12/31/2013						
	530611007	1	SLAMS	SLAMS		SLAMS	10/28/1998	3/31/2012						
	530611007	3	SLAMS	SLAMS	SLAMS	SLAMS	1/6/2011	12/31/2013						
	530611007	4		SLAMS	SLAMS	SLAMS	7/1/2012	12/31/2013						
	530630021	1	SLAMS	SLAMS	SLAMS	SLAMS	3/29/2009	12/31/2013						
	530630021	2	SLAMS	SLAMS		SLAMS	4/7/2009	3/22/2012						
	530670013	1			SLAMS	SLAMS	11/3/2013	3/30/2014						
	530730015	3		SLAMS	SLAMS	SLAMS	11/29/2012	12/31/2013						
	530770009	1	SLAMS	SLAMS	SLAMS	SLAMS	2/2/2007	12/31/2013						
	530770009	3	NON-REGULATORY	NON-REGULATORY	SLAMS	SPECIAL PURPOSE	10/3/2011	10/3/2013	SLAMS	10/4/2013	12/31/2013			
WEST VIRGINIA														
	540030003	1	SLAMS	SLAMS	SLAMS	SLAMS	2/14/1999	12/31/2013						
	540090005	1	SLAMS	SLAMS	SLAMS	SLAMS	1/3/1999	12/31/2013						
	540090011	1	SLAMS	SLAMS	SLAMS	SLAMS	1/3/1999	12/31/2013						

			Monitor Type by Year from AMP 430			Monitor Types with Begin/End Dates* from AMP 500								
State	Site	POC	2011	2012	2013	Mon Type 1	Begin Date 1	End Date 1	Mon Type 2	Begin Date 2	End Date 2	Mon Type 3	Begin Date 3	End Date 3
	540090011	2	SLAMS	SLAMS	SLAMS	SLAMS	1/3/1999	12/31/2013						
	540110006	1	SLAMS	SLAMS	SLAMS	SLAMS	1/3/1999	12/31/2013						
	540110006	2	SLAMS	SLAMS	SLAMS	SLAMS	1/24/2007	12/31/2013						
	540291004	1	SLAMS	SLAMS	SLAMS	SLAMS	1/3/1999	12/31/2013						
	540330003	1	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	1/3/1999	12/31/2013						
	540390010	1	SLAMS	SLAMS	SLAMS	SLAMS	5/12/2000	12/31/2013						
	540391005	1	SLAMS	SLAMS	SLAMS	SLAMS	1/3/1999	12/31/2013						
	540490006	1	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	1/1/2000	12/31/2013						
	540511002	1	SLAMS	SLAMS	SLAMS	SLAMS	1/3/1999	12/31/2013						
	540610003	1	SLAMS	SLAMS	SLAMS	SLAMS	1/3/1999	12/31/2013						
	540690010	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2005	12/31/2013						
	540810002	1	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	1/3/1999	12/31/2013						
	541071002	1	SLAMS	SLAMS	SLAMS	SLAMS	1/3/1999	12/31/2013						
WISCONSIN														
	550030010	1	TRIBAL MONITORS	TRIBAL MONITORS	TRIBAL MONITORS	TRIBAL MONITORS	7/25/2002	12/31/2013						
	550030010	2	TRIBAL MONITORS	TRIBAL MONITORS	TRIBAL MONITORS	TRIBAL MONITORS	7/25/2002	12/31/2013						
	550090005	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	550090005	2	SLAMS	SLAMS	SLAMS	SLAMS	4/1/2004	12/31/2013						
	550090005	3	NON-REGULATORY			SPECIAL PURPOSE	2/2/2010	12/31/2013						
	550250041	1	SLAMS	SLAMS	SLAMS	SLAMS	4/2/2010	12/31/2013						
	550250041	3	SLAMS			SLAMS	1/1/2011	8/15/2011						
	550250047	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2004	12/31/2013						
	550270001	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2011	12/31/2013						
	550270001	3	SLAMS			SLAMS	1/1/2011	12/31/2013						
	550350014	1	SLAMS	SLAMS	SLAMS	SLAMS	4/1/2011	12/31/2013						
	550350100	1	SPECIAL PURPOSE			SPECIAL PURPOSE	3/17/2009	12/31/2013						
	550410007	1	TRIBAL MONITORS	TRIBAL MONITORS	TRIBAL MONITORS	TRIBAL MONITORS	2/1/2004	12/31/2013						
	550410007	3	TRIBAL MONITORS	TRIBAL MONITORS		TRIBAL MONITORS	1/31/2011	12/31/2013						
	550430009	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2004	12/31/2013						
	550590019	1	SLAMS	SLAMS	SLAMS	SLAMS	12/25/1998	12/31/2013						
	550590019	3	SLAMS			SLAMS	1/1/2011	9/8/2011						
	550630012	1	SLAMS	SLAMS	SLAMS	SLAMS	12/7/2005	12/31/2013						
	550630012	3	SLAMS			SLAMS	1/1/2011	8/26/2011						
	550790010	2	SLAMS	SLAMS	SLAMS	SLAMS	12/25/1998	12/31/2013						
	550790026	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	550790026	2	SLAMS	SLAMS	SLAMS	SLAMS	4/1/2004	12/31/2013						
	550790026	3	NON-REGULATORY			SPECIAL PURPOSE	10/14/2010	8/19/2011						
	550790058	1	SLAMS	SLAMS	SLAMS	SLAMS	11/3/2009	12/31/2013						
	550790099	1		SLAMS	SLAMS	SLAMS	2/5/1999	12/31/2013						
	550870009	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
	550890009	1	SLAMS	SLAMS	SLAMS	SLAMS	6/23/2003	12/31/2013						
	551110007	1	SLAMS	SLAMS	SLAMS	SLAMS	5/9/2003	12/31/2013						
	551110007	2	SLAMS	SLAMS	SLAMS	SLAMS	5/9/2003	12/31/2013						
	551110007	7	SPECIAL PURPOSE	SPECIAL PURPOSE		SPECIAL PURPOSE	11/14/2011	3/2/2012						
	551110007	8	SPECIAL PURPOSE	SPECIAL PURPOSE		SPECIAL PURPOSE	11/14/2011	3/2/2012						
	551198001	1	SLAMS	SLAMS	SLAMS	SLAMS	5/3/2003	12/31/2013						
	551198001	3		NON-REGULATORY		SPECIAL PURPOSE	2/28/2012	12/31/2013						
	551250001	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2004	12/31/2013						
	551330027	2	SLAMS	SLAMS	SLAMS	SLAMS	1/1/1999	12/31/2013						
WYOMING														
	560010006	1	SLAMS	SLAMS	SLAMS	SLAMS	7/12/2009	12/31/2013						
	560050800	1	SPECIAL PURPOSE	SPECIAL PURPOSE		SPECIAL PURPOSE	10/1/2011	12/12/2012						
	560050891	3	INDUSTRIAL	INDUSTRIAL	INDUSTRIAL	INDUSTRIAL	4/28/2010	12/31/2013						
	560050892	3	INDUSTRIAL	INDUSTRIAL	INDUSTRIAL	INDUSTRIAL	4/26/2010	12/31/2013						

			Monitor Type by Year from AMP 430			Monitor Types with Begin/End Dates* from AMP 500								
State	Site	POC	2011	2012	2013	Mon Type 1	Begin Date 1	End Date 1	Mon Type 2	Begin Date 2	End Date 2	Mon Type 3	Begin Date 3	End Date 3
	560050892	4			INDUSTRIAL	INDUSTRIAL	6/14/2013	12/31/2013						
	560051899	3	INDUSTRIAL	INDUSTRIAL	INDUSTRIAL	INDUSTRIAL	4/28/2010	12/31/2013						
	560071000	1			OTHER	OTHER	12/11/2013	12/31/2013						
	560090801	1		SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	12/17/2012	12/31/2013						
	560090819	3	INDUSTRIAL	INDUSTRIAL	INDUSTRIAL	INDUSTRIAL	5/26/2010	12/31/2013						
	560130900	1	SPECIAL PURPOSE	SPECIAL PURPOSE		SPECIAL PURPOSE	1/27/2011	4/17/2012						
	560131003	1	SLAMS	SLAMS	SLAMS	SLAMS	11/15/2001	12/31/2013						
	560210001	1	SLAMS	SLAMS	SLAMS	SLAMS	10/15/1998	12/31/2013						
	560210001	2	SLAMS	SLAMS	SLAMS	SLAMS	4/7/2009	12/31/2013						
	560210100	1	SLAMS	SLAMS		SLAMS	1/1/2011	6/30/2012						
	560210100	2	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2011	12/31/2013						
	560210100	3	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2011	12/31/2013						
	560250001	1	SLAMS	SLAMS	SLAMS	SLAMS	5/19/2009	12/31/2013						
	560290001	1	SLAMS	SLAMS	SLAMS	SLAMS	6/4/2008	12/31/2013						
	560330002	1	SLAMS	SLAMS	SLAMS	SLAMS	10/1/1998	8/15/2012	SLAMS	9/15/2012	12/31/2013			
	560330002	2	SLAMS	SLAMS	SLAMS	SLAMS	10/1/1998	8/15/2012	SLAMS	9/15/2012	12/31/2013			
	560330003	1	SLAMS	SLAMS		SLAMS	9/1/2005	5/30/2012						
	560331003	1		SLAMS	SLAMS	SLAMS	7/1/2012	7/2/2012	SLAMS	7/3/2012	12/31/2013			
	560350097	1	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	1/1/2011	10/1/2013						
	560350101	1	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	1/1/2009	12/31/2013						
	560350700	1	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	SPECIAL PURPOSE	3/30/2011	12/31/2013						
	560350705	1	SPECIAL PURPOSE	SPECIAL PURPOSE		SPECIAL PURPOSE	7/1/2005	6/30/2012						
	560370007	1	SLAMS	SLAMS	SLAMS	SLAMS	2/1/2008	12/31/2013						
	560370100	1			SPECIAL PURPOSE	SPECIAL PURPOSE	3/2/2013	12/31/2013						
	560370870	1	INDUSTRIAL	INDUSTRIAL		INDUSTRIAL	8/25/2011	12/31/2012						
	560370870	2	INDUSTRIAL	INDUSTRIAL		INDUSTRIAL	8/25/2011	12/31/2012						
	560391006	1	SLAMS	SLAMS	SLAMS	SLAMS	6/8/2007	12/31/2013						
PUERTO RICO														
	720010002	1	SLAMS	SLAMS	SLAMS	SLAMS	1/1/2005	12/31/2013						
	720210009	1	SLAMS	SLAMS	SLAMS	SLAMS	2/2/1999	12/31/2013						
	720530003	1	SLAMS	SLAMS		SLAMS	4/20/1999	12/31/2013						
	720570008	1	SLAMS	SLAMS	SLAMS	SLAMS	1/15/1999	12/31/2013						
	720590016	1	SLAMS	SLAMS	SLAMS	SLAMS	1/15/1999	12/31/2013						
	720610005	1	SLAMS	SLAMS	SLAMS	SLAMS	1/15/1999	12/31/2013						
	720610005	2	SLAMS	SLAMS	SLAMS	SLAMS	4/8/2011	12/31/2013						
	720690001	1	SLAMS	SLAMS	SLAMS	SLAMS	2/12/2000	12/31/2013						
	720970006	1	SLAMS	SLAMS	SLAMS	SLAMS	2/21/2007	12/31/2013						
	721130004	1	SLAMS	SLAMS	SLAMS	SLAMS	1/15/1999	12/31/2013						
	721270003	1	SLAMS	SLAMS		SLAMS	3/21/1999	12/31/2013						
	721270003	2		SLAMS		SLAMS	11/7/2011	12/31/2013						
VIRGIN ISLANDS														
	780100012	1		SLAMS		SLAMS	1/12/1999	12/31/2013						
	780100012	2		SLAMS		SLAMS	7/1/2002	12/31/2013						

*** End dates greater than 12/31/2013 are listed as 12/31/2013.**

Attachment 2

2011-2013 $PM_{2.5}$ Collocated Precision Completeness at the Site and Primary Quality Assurance Organization Level and 3-Year Precision Estimate

Notes on Completeness Estimates

"Start Date" and "**End Date**" denote the time period that the monitor was primary, sampling, and not subject to NAAQS exclusion. The Start Date is defined to be 1/1/2011 or later and the End Date is defined to be 12/31/2013 or earlier, to align with the dates associated with this QA Report.

"# Primary Sites" is the number of primary sites operating in the PQAO. Counts are provided separately for FRMs and FEMs.

"**# Sites Required to Collocate**" is 15% of EACH SAMPLING METHOD used in each PQAO subject to a minimum of 1, as per *40 CFR Part 58 Appendix A*. Counts are provided separately for the number of sites where an FRM is to be collocated with an FRM of similar method, an FEM is to be collocated with any type of FRM, and an FEM is to be collocated with an FEM of similar method.

"**# Sites Actually Collocated**" is the number of sites actually reporting collocated precision data, separated into the 3 categories of FRM with like FRM, FEM with any type of FRM, and FEM with like FEM.

"**% Comp for # Sites in PQAO**" is the ratio of the # Actual to # Required with a maximum of 100% allowed.

"**CV Upper Bound**" is the 3-year estimate of precision at the PQAO level, as per *40 CFR Part 58 Appendix A*.

"# Collocated Sample Pairs at Site - Required" is the end date minus the start date divided by 12.

"# Collocated Sample Pairs at Site - Actual" is the number of precision pairs collected at the site.

"**% Comp for # Samples at Site and PQAO**" is the ratio of # Actual Pairs to # Required Pairs for each site with a maximum of 100%. For a PQAO, this is the average of the largest available site-level % completeness where the number of site-level values going into the average is the # Required Collocated Sites.

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Attachment 2. 2011-2013 Collocated Precision Completeness at Site Level

Reg	State	PQAO	Site	Start Date*	End Date*	# Primary Sites FRM	# Primary Sites FEM	# Sites Required to Collocate FRM w/ Like FRM	# Sites Required to Collocate FEM w/ FRM	# Sites Required to Collocate FEM w/ Like FEM	# Sites Actually Collocated FRM w/ Like FRM	# Sites Actually Collocated FEM w/ FRM	# Sites Actually Collocated FEM w/ Like FEM	% Comp for # Sites in PQAO	CV Upper Bound	# Collocated Sample Pairs at Site Required	# Collocated Sample Pairs at Site Actual	% Comp for # Pairs at Site and PQAO**
01	CT	0251	090090027	1/1/2011	12/31/2013											91	167	100%
01	CT	0251	090092123	1/1/2011	12/31/2013											91	171	100%
01	CT	0251	ALL			11	0	2	0	0	2	0	0	100%	7.94			100%
01	MA	0660	250130008	1/1/2011	12/31/2013											91	328	100%
01	MA	0660	250230004	1/1/2011	12/31/2013											91	332	100%
01	MA	0660	250250043	1/1/2011	12/31/2013											91	1022	100%
01	MA	0660	ALL			18	0	4	0	0	3	0	0	75%	10.13			100%
01	ME	0635	230050029	1/1/2011	12/31/2013											91	74	81%
01	ME	0635	230110016	1/1/2011	12/31/2013											91	74	81%
01	ME	0635	ALL			11	0	3	0	0	2	0	0	67%	5.42			81%
01	NH	0762	330050007	1/1/2011	12/31/2013											91	144	100%
01	NH	0762	330090010	1/1/2011	12/31/2013											91	86	95%
01	NH	0762	330131006	1/1/2011	12/31/2013											91	167	100%
01	NH	0762	330150014	1/1/2011	9/11/2013											82	89	100%
01	NH	0762	ALL			3	5	1	1	0	1	3	0	100%	18.06			100%
01	RI	0907	440030002	1/1/2011	12/31/2013											91	162	100%
01	RI	0907	440070022	1/1/2011	12/31/2013											91	155	100%
01	RI	0907	ALL			4	2	1	1	0	1	1	0	100%	18.26			100%
01	VT	1119	500070012	1/1/2011	12/31/2013											91	288	100%
01	VT	1119	ALL			4	1	1	1	0	1	0	0	50%	9.11			100%
02	NJ	0764	ALL			21	0	3	0	0	0	0	0	0%				0%
02	NY	0768	360010005	1/1/2011	12/31/2013											91	310	100%
02	NY	0768	360610079	1/1/2011	12/31/2013											91	324	100%
02	NY	0768	ALL			25	0	4	0	0	2	0	0	50%	9.09			100%
02	PR	0889	720610005	1/1/2011	12/31/2013											91	138	100%
02	PR	0889	721270003	5/11/2011	8/10/2012											38	19	50%
02	PR	0889	ALL			10	0	2	0	0	2	0	0	100%	13.51			75%
02	VI	1124	780100012	1/1/2011	12/31/2013											91	15	16%
02	VI	1124	ALL			1	0	1	0	0	1	0	0	100%	6.72			16%
03	DC	0350	110010041	1/1/2011	12/31/2013											91	56	62%
03	DC	0350	110010043	1/1/2011	12/31/2013											91	227	100%
03	DC	0350	ALL			3	0	1	0	0	2	0	0	100%	9.12			100%
03	DE	0294	100032004	1/1/2011	12/31/2013											91	147	100%
03	DE	0294	ALL			7	1	1	1	0	1	0	0	50%	11.26			100%
03	MD	1002	240051007	1/1/2011	12/31/2013											91	63	69%
03	MD	1002	240330030	1/1/2011	12/31/2013											91	110	100%
03	MD	1002	240338003	1/1/2011	12/31/2013											91	61	67%
03	MD	1002	ALL			11	7	3	1	0	3	0	0	75%	5.27			79%
03	PA	0021	420030008	1/1/2011	12/31/2013											91	166	100%
03	PA	0021	420030064	1/1/2011	12/31/2013											91	169	100%
03	PA	0021	ALL			8	1	1	1	0	2	0	0	50%	7.91			100%
03	PA	0851	420450002	1/1/2011	12/31/2013											91	145	100%

Attachment 2. 2011-2013 Collocated Precision Completeness at Site Level

Reg	State	PQAO	Site	Start Date*	End Date*	# Primary Sites FRM	# Primary Sites FEM	# Sites Required to Collocate FRM w/ Like FRM	# Sites Required to Collocate FEM w/ FRM	# Sites Required to Collocate FEM w/ Like FEM	# Sites Actually Collocated FRM w/ Like FRM	# Sites Actually Collocated FEM w/ FRM	# Sites Actually Collocated FEM w/ Like FEM	% Comp for # Sites in PQAO	CV Upper Bound	# Collocated Sample Pairs at Site Required	# Collocated Sample Pairs at Site Actual	% Comp for # Pairs at Site and PQAO**
03	PA	0851	420710007	1/1/2011	12/31/2013											91	162	100%
03	PA	0851	421290008	1/1/2011	9/30/2012											53	177	100%
03	PA	0851	421330008	1/1/2011	12/31/2013											91	152	100%
03	PA	0851	ALL			17	15	3	1	1	2	1	1	80%	22.53			100%
03	PA	0861	421010047	1/1/2011	12/31/2013											91	655	100%
03	PA	0861	421010048	10/1/2013	12/31/2013											8	22	100%
03	PA	0861	ALL			5	3	1	1	0	1	1	0	100%	8.97			100%
03	VA	1127	510130020	1/1/2011	12/31/2013											91	281	100%
03	VA	1127	510870014	1/1/2011	12/31/2013											91	337	100%
03	VA	1127	517100024	1/1/2011	12/31/2013											91	178	100%
03	VA	1127	ALL			20	0	3	0	0	3	0	0	100%	3.48			100%
03	WV	1150	540090011	1/1/2011	12/31/2013											91	75	82%
03	WV	1150	540110006	1/1/2011	12/31/2013											91	81	89%
03	WV	1150	ALL			14	0	3	0	0	2	0	0	67%	6.87			86%
04	AL	0013	010730023	1/1/2011	12/31/2013											91	179	100%
04	AL	0013	010731005	1/1/2011	12/31/2013											91	178	100%
04	AL	0013	010731009	1/1/2011	12/31/2011											30	56	100%
04	AL	0013	010731010	1/1/2011	12/31/2013											91	175	100%
04	AL	0013	010732003	1/1/2011	12/31/2013											91	181	100%
04	AL	0013	010732006	1/1/2011	12/31/2011											30	56	100%
04	AL	0013	010735002	1/1/2011	12/31/2011											30	58	100%
04	AL	0013	010735003	1/1/2011	12/31/2011											30	58	100%
04	AL	0013	010890014	1/1/2011	12/31/2013											91	175	100%
04	AL	0013	011130001	1/1/2011	12/31/2013											91	355	100%
04	AL	0013	ALL			23	0	4	0	0	10	0	0	100%	4.47			100%
04	FL	1328	120010023	1/1/2011	12/31/2013											91	58	64%
04	FL	1328	120111002	1/1/2011	12/31/2013											91	130	100%
04	FL	1328	120170005	1/1/2011	12/31/2013											91	69	76%
04	FL	1328	120310099	1/1/2011	12/31/2013											91	84	92%
04	FL	1328	120330004	1/1/2011	12/31/2013											91	55	60%
04	FL	1328	120573002	1/1/2011	12/31/2013											91	133	100%
04	FL	1328	120710005	1/1/2011	12/31/2013											91	107	100%
04	FL	1328	120730012	1/1/2011	12/31/2013											91	123	100%
04	FL	1328	120861016	1/1/2011	12/31/2013											91	170	100%
04	FL	1328	120952002	1/1/2011	12/31/2013											91	82	90%
04	FL	1328	120990009	1/1/2011	12/31/2013											91	168	100%
04	FL	1328	121030018	1/1/2011	12/31/2013											91	80	88%
04	FL	1328	121056006	1/1/2011	12/31/2013											91	77	85%
04	FL	1328	121150013	1/1/2011	12/31/2013											91	94	100%
04	FL	1328	121171002	1/1/2011	12/31/2013											91	85	93%
04	FL	1328	ALL			27	1	4	1	0	15	0	0	80%	8.64			100%
04	GA	0437	130210007	1/1/2011	12/31/2013											91	75	82%

Attachment 2. 2011-2013 Collocated Precision Completeness at Site Level

Reg	State	PQAO	Site	Start Date*	End Date*	# Primary Sites FRM	# Primary Sites FEM	# Sites Required to Collocate FRM w/ Like FRM	# Sites Required to Collocate FEM w/ FRM	# Sites Required to Collocate FEM w/ Like FEM	# Sites Actually Collocated FRM w/ Like FRM	# Sites Actually Collocated FEM w/ FRM	# Sites Actually Collocated FEM w/ Like FEM	% Comp for # Sites in PQAO	CV Upper Bound	# Collocated Sample Pairs at Site Required	# Collocated Sample Pairs at Site Actual	% Comp for # Pairs at Site and PQAO**
04	GA	0437	130890002	1/1/2011	12/31/2013											91	74	81%
04	GA	0437	130950007	1/1/2011	12/31/2013											91	295	100%
04	GA	0437	131210032	1/1/2011	12/31/2012											61	560	100%
04	GA	0437	132450005	1/1/2011	12/31/2012											61	42	69%
04	GA	0437	ALL			28	0	4	0	0	5	0	0	100%	6.54			91%
04	KY	0584	210930006	1/1/2011	12/31/2013											91	147	100%
04	KY	0584	211110043	1/1/2011	12/31/2013											91	114	100%
04	KY	0584	211950002	1/1/2011	12/31/2013											91	167	100%
04	KY	0584	ALL			24	0	4	0	0	3	0	0	75%	5.33			100%
04	MS	0703	280330002	1/1/2011	12/31/2013											91	34	37%
04	MS	0703	280350004	1/1/2011	12/31/2013											91	36	40%
04	MS	0703	280670002	1/1/2011	12/31/2012											61	99	100%
04	MS	0703	280810005	1/1/2011	12/31/2012											61	110	100%
04	MS	0703	ALL			12	0	2	0	0	4	0	0	100%	6.83			100%
04	NC	001	370990006	1/1/2011	12/31/2013											91	158	100%
04	NC	001	ALL			1	0	1	0	0	1	0	0	100%	9.12			100%
04	NC	0776	370210034	1/1/2011	12/31/2013											91	175	100%
04	NC	0776	370350004	1/1/2011	12/31/2013											91	173	100%
04	NC	0776	370670030	1/1/2011	12/31/2013											91	170	100%
04	NC	0776	371110004	1/1/2011	12/31/2013											91	167	100%
04	NC	0776	371190042	1/1/2011	12/31/2013											91	173	100%
04	NC	0776	371590021	1/1/2011	12/31/2013											91	159	100%
04	NC	0776	371830014	1/1/2011	12/31/2013											91	335	100%
04	NC	0776	ALL			33	2	5	1	0	6	1	0	100%	11.78			100%
04	SC	0971	450450016	1/20/2011	12/31/2013											90	293	100%
04	SC	0971	450790019	1/1/2011	12/31/2013											91	151	100%
04	SC	0971	ALL			12	0	2	0	0	2	0	0	100%	7.24			100%
04	TN	1025	470370023	1/1/2011	12/31/2013											91	176	100%
04	TN	1025	470654002	1/1/2011	12/31/2013											91	307	100%
04	TN	1025	470930028	1/1/2011	12/31/2013											91	149	100%
04	TN	1025	470931017	1/1/2011	12/31/2013											91	14	15%
04	TN	1025	471130006	1/1/2011	12/31/2013											91	309	100%
04	TN	1025	471570047	1/1/2011	12/31/2013											91	165	100%
04	TN	1025	471650007	1/1/2011	12/31/2013											91	333	100%
04	TN	1025	ALL			24	0	4	0	0	7	0	0	100%	6.25			100%
05	IL	0258	170310022	1/1/2011	12/31/2013											91	32	35%
05	IL	0258	170310052	1/1/2011	12/31/2013											91	126	100%
05	IL	0258	170313301	1/1/2011	12/31/2013											91	122	100%
05	IL	0258	ALL			8	0	1	0	0	3	0	0	100%	13.38			100%
05	IL	0513	170311016	1/1/2011	12/31/2013											91	42	46%
05	IL	0513	170313103	1/1/2011	12/31/2013											91	41	45%
05	IL	0513	170314201	1/1/2011	12/31/2013											91	119	100%

Attachment 2. 2011-2013 Collocated Precision Completeness at Site Level

Reg	State	PQAO	Site	Start Date*	End Date*	# Primary Sites FRM	# Primary Sites FEM	# Sites Required to Collocate FRM w/ Like FRM	# Sites Required to Collocate FEM w/ FRM	# Sites Required to Collocate FEM w/ Like FEM	# Sites Actually Collocated FRM w/ Like FRM	# Sites Actually Collocated FEM w/ FRM	# Sites Actually Collocated FEM w/ Like FEM	% Comp for # Sites in PQAO	CV Upper Bound	# Collocated Sample Pairs at Site Required	# Collocated Sample Pairs at Site Actual	% Comp for # Pairs at Site and PQAO**
05	IL	0513	171190024	1/1/2011	12/31/2013											91	139	100%
05	IL	0513	171191007	1/1/2011	12/31/2013											91	30	33%
05	IL	0513	171430037	1/1/2011	12/31/2013											91	128	100%
05	IL	0513	171570001	1/1/2011	12/31/2013											91	109	100%
05	IL	0513	171670012	1/1/2011	12/31/2013											91	120	100%
05	IL	0513	ALL			27	0	5	0	0	8	0	0	100%	15.58			100%
05	IN	0520	180431004	1/1/2011	12/31/2013											91	169	100%
05	IN	0520	180890031	1/1/2011	12/31/2013											91	163	100%
05	IN	0520	180970081	1/1/2011	12/31/2013											91	156	100%
05	IN	0520	181270024	1/1/2011	12/31/2013											91	108	100%
05	IN	0520	181410015	1/1/2011	12/31/2013											91	164	100%
05	IN	0520	181570008	1/1/2011	12/31/2013											91	156	100%
05	IN	0520	181630020	1/1/2011	3/31/2011											7	13	100%
05	IN	0520	181630021	1/1/2011	12/31/2013											91	156	100%
05	IN	0520	ALL			37	0	6	0	0	8	0	0	100%	4.74			100%
05	MI	0685	260330901	1/1/2011	12/31/2013											91	116	100%
05	MI	0685	260770008	1/1/2011	12/31/2013											91	165	100%
05	MI	0685	260810020	1/1/2011	12/31/2013											91	172	100%
05	MI	0685	261610008	1/1/2011	12/31/2013											91	165	100%
05	MI	0685	261630033	1/1/2011	12/31/2013											91	168	100%
05	MI	0685	ALL			29	0	4	0	0	5	0	0	100%	5.50			100%
05	MN	0700	271230871	1/1/2011	12/31/2013											91	84	92%
05	MN	0700	271377550	1/1/2011	12/31/2013											91	83	91%
05	MN	0700	271377554	1/1/2012	12/31/2013											61	217	100%
05	MN	0700	ALL			12	10	3	1	1	2	1	0	60%	14.01			95%
05	MN	407	270210001	1/1/2011	12/31/2013											91	50	55%
05	MN	407	ALL			1	0	1	0	0	1	0	0	100%	16.73			55%
05	OH	0012	391530017	1/1/2011	12/31/2013											91	167	100%
05	OH	0012	ALL			3	0	1	0	0	1	0	0	100%	8.16			100%
05	OH	0151	391510017	1/1/2011	12/31/2013											91	170	100%
05	OH	0151	ALL			2	0	1	0	0	1	0	0	100%	6.23			100%
05	OH	0220	390950024	1/1/2011	12/31/2013											91	152	100%
05	OH	0220	ALL			3	0	1	0	0	1	0	0	100%	9.53			100%
05	OH	0229	390350038	1/1/2011	12/31/2013											91	72	79%
05	OH	0229	ALL			6	0	2	0	0	1	0	0	50%	6.60			79%
05	OH	0287	390570005	1/1/2011	12/31/2013											91	131	100%
05	OH	0287	391130032	1/1/2011	12/31/2013											91	173	100%
05	OH	0287	ALL			4	0	2	0	0	2	0	0	100%	5.09			100%
05	OH	0595	390850007	1/1/2011	12/31/2013											91	173	100%
05	OH	0595	ALL			1	0	1	0	0	1	0	0	100%	8.49			100%
05	OH	0634	390990005	1/1/2011	12/31/2013											91	172	100%
05	OH	0634	ALL			3	0	1	0	0	1	0	0	100%	6.71			100%

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Reg	State	PQAO	Site	Start Date*	End Date*	# Primary Sites FRM	# Primary Sites FEM	# Sites Required to Collocate FRM w/ Like FRM	# Sites Required to Collocate FEM w/ FRM	# Sites Required to Collocate FEM w/ Like FEM	# Sites Actually Collocated FRM w/ Like FRM	# Sites Actually Collocated FEM w/ FRM	# Sites Actually Collocated FEM w/ Like FEM	% Comp for # Sites in PQAO	CV Upper Bound	# Collocated Sample Pairs at Site Required	# Collocated Sample Pairs at Site Actual	% Comp for # Pairs at Site and PQAO**
05	OH	0805	390490025	1/1/2011	12/31/2013											91	166	100%
05	OH	0805	ALL			3	0	1	0	0	1	0	0	100%	7.62			100%
05	OH	0807	390933002	1/1/2011	12/31/2013											91	167	100%
05	OH	0807	ALL			1	0	1	0	0	1	0	0	100%	6.52			100%
05	OH	0808	ALL			1	0	1	0	0	0	0	0	0%				0%
05	OH	0809	390810017	1/1/2011	12/31/2013											91	60	66%
05	OH	0809	390811001	1/1/2011	9/30/2013											84	102	100%
05	OH	0809	ALL			3	0	3	0	0	2	0	0	67%	11.16			83%
05	OH	0880	391450013	1/1/2011	12/31/2013											91	167	100%
05	OH	0880	ALL			2	0	1	0	0	1	0	0	100%	9.82			100%
05	OH	1259	390610014	1/1/2011	12/31/2013											91	168	100%
05	OH	1259	390610040	1/1/2011	12/31/2013											91	170	100%
05	OH	1259	ALL			11	0	2	0	0	2	0	0	100%	3.53			100%
05	WI	1175	550030010	1/1/2011	12/31/2013											91	148	100%
05	WI	1175	550090005	1/1/2011	12/31/2013											91	81	89%
05	WI	1175	550790026	1/1/2011	12/31/2013											91	84	92%
05	WI	1175	551110007	1/1/2011	12/31/2013											91	82	90%
05	WI	1175	ALL			21	2	4	1	0	4	0	0	80%	7.99			93%
06	AR	0055	050010011	1/1/2011	12/31/2013											91	103	100%
06	AR	0055	050450002	1/1/2011	6/30/2012											46	79	100%
06	AR	0055	050510003	1/1/2011	12/31/2013											91	85	93%
06	AR	0055	051190007	1/1/2011	12/31/2013											91	170	100%
06	AR	0055	051310008	1/1/2011	3/1/2011											5	9	100%
06	AR	0055	ALL			17	0	3	0	0	5	0	0	100%	3.81			100%
06	LA	1001	220170008	1/1/2011	12/31/2013											91	81	89%
06	LA	1001	220330009	1/1/2011	12/31/2013											91	88	97%
06	LA	1001	221050001	1/1/2011	12/31/2013											91	71	78%
06	LA	1001	ALL			16	0	2	0	0	3	0	0	100%	12.75			93%
06	NM	0017	350010023	1/1/2011	12/31/2013											91	143	100%
06	NM	0017	ALL			2	1	1	1	0	1	1	0	100%	15.87			100%
06	NM	0765	350450019	1/1/2011	12/31/2013											91	218	100%
06	NM	0765	ALL			6	0	1	0	0	1	0	0	100%	15.45			100%
06	OK	0812	401090035	1/1/2011	12/31/2013											91	70	77%
06	OK	0812	401431127	1/1/2011	12/31/2013											91	105	100%
06	OK	0812	ALL			5	5	2	1	0	2	0	0	67%	5.83			88%
06	OK	807	400159008	1/1/2011	7/15/2011											16	30	100%
06	OK	807	ALL			1	0	1	0	0	1	0	0	100%	8.86			100%
06	OK	927	ALL			0	1	0	1	0	0	0	0	0%				0
06	TX	1035	481130069	1/1/2011	12/31/2013											91	169	100%
06	TX	1035	482011035	1/1/2011	12/31/2013											91	160	100%
06	TX	1035	483550032	1/1/2011	12/31/2013											91	143	100%
06	TX	1035	ALL			22	1	3	1	0	3	0	0	75%	7.23			100%

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07	IA	0613	191130037	1/1/2011	12/31/2011											30	113	100%
07	IA	0613	191130040	1/1/2011	12/31/2013											91	212	100%
07	IA	0613	ALL			2	0	1	0	0	2	0	0	100%	6.24			100%
07	IA	0874	191530030	1/1/2011	12/31/2013											91	176	100%
07	IA	0874	ALL			2	0	1	0	0	1	0	0	100%	7.72			100%
07	IA	1080	191390015	1/1/2011	12/31/2013											91	161	100%
07	IA	1080	191550009	1/1/2011	12/31/2013											91	310	100%
07	IA	1080	191630015	1/1/2011	12/31/2013											91	166	100%
07	IA	1080	ALL			21	0	3	0	0	3	0	0	100%	7.27			100%
07	KS	0563	201730010	1/1/2011	12/31/2013											91	175	100%
07	KS	0563	202090021	1/1/2011	12/31/2013											91	167	100%
07	KS	0563	ALL			11	0	2	0	0	2	0	0	100%	7.01			100%
07	MO	0588	290210005	4/1/2011	12/31/2013											84	361	100%
07	MO	0588	290770032	1/1/2011	9/30/2011											23	45	100%
07	MO	0588	290950034	4/10/2013	12/31/2013											22	314	100%
07	MO	0588	295100085	1/1/2011	12/31/2013											91	173	100%
07	MO	0588	ALL			4	14	1	2	0	2	1	1	67%	10.57			100%
07	NE	0752	311090022	1/1/2011	12/31/2013											91	164	100%
07	NE	0752	ALL			3	0	1	0	0	1	0	0	100%	14.39			100%
07	NE	0816	310550019	1/1/2011	12/31/2013											91	194	100%
07	NE	0816	ALL			2	2	1	1	0	0	1	0	50%	13.39			100%
08	CO	0240	080010006	1/1/2011	12/31/2013											91	167	100%
08	CO	0240	080310002	1/1/2011	12/31/2013											91	169	100%
08	CO	0240	ALL			17	0	3	0	0	2	0	0	67%	8.25			100%
08	CO	750	080677001	1/1/2011	12/31/2013											91	114	100%
08	CO	750	080677003	1/1/2011	12/31/2013											91	20	22%
08	CO	750	ALL			2	0	1	0	0	2	0	0	100%	7.07			100%
08	MT	0730	300490026	1/1/2011	12/31/2013											91	145	100%
08	MT	0730	300530018	1/1/2011	8/12/2011											19	17	89%
08	MT	0730	300630024	1/1/2011	12/31/2013											91	1010	100%
08	MT	0730	300630031	1/1/2011	8/14/2011											19	17	89%
08	MT	0730	300930005	1/1/2011	12/31/2013											91	69	76%
08	MT	0730	ALL			6	12	1	2	1	2	2	1	100%	14.44			95%
08	ND	0782	380150003	1/1/2011	12/31/2013											91	177	100%
08	ND	0782	ALL			4	5	1	1	0	1	0	0	50%	6.97			100%
08	SD	0973	460990006	1/1/2011	12/31/2013											91	167	100%
08	SD	0973	460990008	1/1/2011	12/31/2013											91	339	100%
08	SD	0973	461031001	1/1/2011	12/31/2013											91	87	96%
08	SD	0973	ALL			6	7	2	1	0	2	1	0	100%	17.20			99%
08	UT	1113	490050004	1/1/2011	12/31/2013											91	81	89%
08	UT	1113	490353010	1/1/2011	12/31/2013											91	77	85%
08	UT	1113	490494001	1/1/2011	12/31/2013											91	78	86%

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08	UT	1113	ALL			13	0	3	0	0	3	0	0	100%	14.24			86%
08	UT	1387	ALL			1	0	1	0	0	0	0	0	0%				0%
08	UT	687	ALL			0	1	0	1	0	0	0	0	0%				0%
08	WY	1188	560050892	1/1/2011	12/31/2013											91	200	100%
08	WY	1188	560210001	1/1/2011	12/31/2013											91	55	60%
08	WY	1188	560210100	7/1/2012	12/31/2013											46	103	100%
08	WY	1188	560330002	1/1/2011	8/15/2012											49	59	100%
08	WY	1188	ALL			11	10	2	3	0	2	1	1	80%	16.93			90%
08	WY	1390	ALL			1	0	1	0	0	0	0	0	0%				0%
09	AZ	0053	040139997	1/1/2011	12/31/2013											91	37	41%
09	AZ	0053	040230004	4/1/2013	12/31/2013											23	186	100%
09	AZ	0053	ALL			6	3	1	1	0	1	1	0	100%	10.40			70%
09	AZ	0643	040130019	1/1/2011	12/31/2013											91	77	85%
09	AZ	0643	ALL			2	6	1	3	0	1	0	0	25%	7.44			85%
09	AZ	0864	ALL			2	0	1	0	0	0	0	0	0%				0%
09	AZ	0865	040210001	1/1/2011	12/31/2013											91	180	100%
09	AZ	0865	ALL			3	0	2	0	0	1	0	0	50%	10.41			100%
09	AZ	615	040137020	1/1/2011	12/31/2013											91	159	100%
09	AZ	615	ALL			1	0	1	0	0	1	0	0	100%	4.84			100%
09	CA	0086	060130002	1/1/2011	12/31/2012											61	116	100%
09	CA	0086	060811001	1/1/2011	12/31/2013											91	92	100%
09	CA	0086	060950004	3/1/2011	12/31/2013											86	356	100%
09	CA	0086	ALL			2	11	1	1	1	1	1	1	100%	14.88			100%
09	CA	0145	060190008	1/1/2011	1/31/2012											33	57	100%
09	CA	0145	060190011	1/1/2012	12/31/2013											61	114	100%
09	CA	0145	060250005	1/1/2011	12/31/2013											91	179	100%
09	CA	0145	060271003	1/1/2011	12/31/2013											91	51	56%
09	CA	0145	060290014	1/1/2011	12/31/2013											91	131	100%
09	CA	0145	060531003	1/1/2011	12/31/2013											91	170	100%
09	CA	0145	060571001	1/1/2011	12/31/2013											91	145	100%
09	CA	0145	060670006	1/1/2011	12/31/2013											91	84	92%
09	CA	0145	060710306	1/1/2011	12/31/2013											91	129	100%
09	CA	0145	060771002	1/1/2011	12/31/2013											91	1043	100%
09	CA	0145	061110007	1/1/2011	12/31/2013											91	67	74%
09	CA	0145	ALL			39	30	8	3	2	9	1	1	77%	20.35			93%
09	CA	0942	060730006	1/1/2011	2/18/2012											34	66	100%
09	CA	0942	060731016	2/1/2012	12/31/2013											58	20	34%
09	CA	0942	ALL			8	2	2	1	0	2	0	0	67%	5.71			67%
09	CA	0972	060371103	1/1/2011	12/31/2013											91	162	100%
09	CA	0972	060652002	1/1/2011	12/31/2013											91	64	70%
09	CA	0972	060658001	1/1/2011	12/31/2013											91	167	100%
09	CA	0972	060658005	1/1/2011	12/31/2013											91	89	98%

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Reg	State	PQAO	Site	Start Date*	End Date*	# Primary Sites		# Sites Required to Collocate			# Sites Actually Collocated			% Comp for # Sites in PQAO	CV Upper Bound	# Collocated Sample Pairs at Site		% Comp for # Pairs at Site and PQAO**
						FRM	FEM	FRM w/ Like FRM	FEM w/ FRM	FEM w/ Like FEM	FRM w/ Like FRM	FEM w/ FRM	FEM w/ Like FEM			Required	Actual	
09	CA	0972	ALL			20	0	3	0	0	4	0	0	100%	8.48			92%
09	CA	586	060650009	1/1/2011	12/31/2013											91	109	100%
09	CA	586	ALL			0	1	0	1	0	0	1	0	100%	27.11			100%
09	HI	0481	ALL			0	13	0	1	1	0	0	0	0%				0
09	NV	0226	320030561	1/1/2011	12/31/2013											91	146	100%
09	NV	0226	ALL			3	2	1	1	0	1	0	0	50%	10.42			100%
09	NV	0757	325100020	4/1/2013	12/31/2013											23	44	100%
09	NV	0757	ALL			0	2	0	1	0	0	1	0	100%	11.26			100%
09	NV	1138	320310016	1/1/2011	12/31/2013											91	705	100%
09	NV	1138	ALL			0	3	0	1	0	0	1	0	100%	12.96			100%
10	AK	0015	020900010	1/1/2011	12/31/2013											91	138	100%
10	AK	0015	020900034	1/1/2011	12/31/2013											91	34	37%
10	AK	0015	021700008	8/11/2011	12/31/2013											73	123	100%
10	AK	0015	ALL			7	6	1	1	0	2	1	0	100%	11.67			79%
10	ID	0511	160010010	1/1/2011	12/31/2013											91	28	31%
10	ID	0511	160590004	1/1/2011	12/31/2013											91	200	100%
10	ID	0511	160790017	1/1/2011	12/31/2013											91	307	100%
10	ID	0511	ALL			4	2	1	2	0	1	2	0	100%	16.00			77%
10	OR	0821	410290133	1/1/2011	12/31/2013											91	84	92%
10	OR	0821	410390060	1/1/2011	12/31/2013											91	92	100%
10	OR	0821	410670004	1/1/2011	12/31/2013											91	9	10%
10	OR	0821	ALL			16	0	4	0	0	3	0	0	75%	3.73			67%
10	WA	1136	530530029	1/1/2011	12/31/2013											91	53	58%
10	WA	1136	530610005	1/6/2011	12/31/2013											91	99	100%
10	WA	1136	530611007	4/1/2012	12/31/2013											53	440	100%
10	WA	1136	530630021	1/1/2011	12/31/2013											91	33	36%
10	WA	1136	ALL			8	8	1	2	0	2	0	2	33%	11.77			74%
11	NP	0745	ALL			0	2	0	1	0	0	0	0	0%				0%

* Start and End Dates denote time period that monitor was primary, sampling, and not subject to NAAQS exclusion, as per AQS metadata from MB, MO, and MX transactions.
Start Date defined to be >= 1/1/2011 and End Date defined to be <= 12/31/2013, to align with years associated with this QA Report.

** % Complete at PQAO level is average of site-level % complete for # collocated sites required for PQAO, averaging the largest available site-level % completeness.

Attachment 3

2011-2013 $PM_{2.5}$ Precision Completeness and 3-Year Precision Summary by Primary Quality Assurance Organization Level and EPA Region

Notes

The attached information is derived from Attachment 2 and is simply summarized by Primary Quality Assurance Organization and EPA Region.

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Attachment 3. 2011-2013 Collocated Precision Completeness at PQAO Level

Reg	State	PQAO	# Primary Sites		# Sites Required to Collocate			# Sites Actually Collocated			% Comp for # Sites in PQAO	CV Upper Bound	% Comp for # Pairs for PQAO and Region**
			FRM	FEM	FRM w/ Like FRM	FEM w/ FRM	FEM w/ Like FEM	FRM w/ Like FRM	FEM w/ FRM	FEM w/ Like FEM			
01	CT	0251	11	0	2	0	0	2	0	0	100%	7.94	100%
01	MA	0660	18	0	4	0	0	3	0	0	75%	10.13	100%
01	ME	0635	11	0	3	0	0	2	0	0	67%	5.42	81%
01	NH	0762	3	5	1	1	0	1	3	0	100%	18.06	99%
01	RI	0907	4	2	1	1	0	1	1	0	100%	18.26	100%
01	VT	1119	4	1	1	1	0	1	0	0	50%	9.11	100%
Region 1 Summary			51	8	12	3	0	10	4	0	82%	11.80	97%
02	NJ	0764	21	0	3	0	0	0	0	0	0%		0%
02	NY	0768	25	0	4	0	0	2	0	0	50%	9.09	100%
02	PR	0889	10	0	2	0	0	2	0	0	100%	13.51	75%
02	VI	1124	1	0	1	0	0	1	0	0	100%	6.72	16%
Region 2 Summary			57	0	10	0	0	5	0	0	63%	10.07	48%
03	DC	0350	3	0	1	0	0	2	0	0	100%	9.12	81%
03	DE	0294	7	1	1	1	0	1	0	0	50%	11.26	100%
03	MD	1002	11	7	3	1	0	3	0	0	75%	5.27	79%
03	PA	0021	8	1	1	1	0	2	0	0	50%	7.91	100%
03	PA	0851	17	15	3	1	1	2	1	1	80%	22.53	100%
03	PA	0861	5	3	1	1	0	1	1	0	100%	8.97	100%
03	VA	1127	20	0	3	0	0	3	0	0	100%	3.48	100%
03	WV	1150	14	0	3	0	0	2	0	0	67%	6.87	86%
Region 3 Summary			85	27	16	5	1	16	2	1	78%	11.65	93%
04	AL	0013	23	0	4	0	0	10	0	0	100%	4.47	100%
04	FL	1328	27	1	4	1	0	15	0	0	80%	8.64	90%
04	GA	0437	28	0	4	0	0	5	0	0	100%	6.54	87%
04	KY	0584	24	0	4	0	0	3	0	0	75%	5.33	100%
04	MS	0703	12	0	2	0	0	4	0	0	100%	6.83	69%
04	NC	001	1	0	1	0	0	1	0	0	100%	9.12	100%
04	NC	0776	33	2	5	1	0	6	1	0	100%	11.78	100%
04	SC	0971	12	0	2	0	0	2	0	0	100%	7.24	100%
04	TN	1025	24	0	4	0	0	7	0	0	100%	6.25	88%
Region 4 Summary			184	3	30	2	0	53	1	0	95%	7.66	93%

Attachment 3. 2011-2013 Collocated Precision Completeness at PQAO Level

Reg	State	PQAO	# Primary Sites		# Sites Required to Collocate			# Sites Actually Collocated			% Comp for # Sites in PQAO	CV Upper Bound	% Comp for # Pairs for PQAO and Region**
			FRM	FEM	FRM w/ Like FRM	FEM w/ FRM	FEM w/ Like FEM	FRM w/ Like FRM	FEM w/ FRM	FEM w/ Like FEM			
05	IL	0258	8	0	1	0	0	3	0	0	100%	13.38	78%
05	IL	0513	27	0	5	0	0	8	0	0	100%	15.58	78%
05	IN	0520	37	0	6	0	0	8	0	0	100%	4.74	100%
05	MI	0685	29	0	4	0	0	5	0	0	100%	5.50	100%
05	MN	0700	12	10	3	1	1	2	1	0	60%	14.01	95%
05	MN	407	1	0	1	0	0	1	0	0	100%	16.73	55%
05	OH	0012	3	0	1	0	0	1	0	0	100%	8.16	100%
05	OH	0151	2	0	1	0	0	1	0	0	100%	6.23	100%
05	OH	0220	3	0	1	0	0	1	0	0	100%	9.53	100%
05	OH	0229	6	0	2	0	0	1	0	0	50%	6.60	79%
05	OH	0287	4	0	2	0	0	2	0	0	100%	5.09	100%
05	OH	0595	1	0	1	0	0	1	0	0	100%	8.49	100%
05	OH	0634	3	0	1	0	0	1	0	0	100%	6.71	100%
05	OH	0805	3	0	1	0	0	1	0	0	100%	7.62	100%
05	OH	0807	1	0	1	0	0	1	0	0	100%	6.52	100%
05	OH	0808	1	0	1	0	0	0	0	0	0%		0%
05	OH	0809	3	0	3	0	0	2	0	0	67%	11.16	83%
05	OH	0880	2	0	1	0	0	1	0	0	100%	9.82	100%
05	OH	1259	11	0	2	0	0	2	0	0	100%	3.53	100%
05	WI	1175	21	2	4	1	0	4	0	0	80%	7.99	93%
Region 5 Summary			178	12	42	2	1	46	1	0	88%	8.84	88%
06	AR	0055	17	0	3	0	0	5	0	0	100%	3.81	99%
06	LA	1001	16	0	2	0	0	3	0	0	100%	12.75	88%
06	NM	0017	2	1	1	1	0	1	1	0	100%	15.87	100%
06	NM	0765	6	0	1	0	0	1	0	0	100%	15.45	100%
06	OK	0812	5	5	2	1	0	2	0	0	67%	5.83	88%
06	OK	807	1	0	1	0	0	1	0	0	100%	8.86	100%
06	OK	927	0	1	0	1	0	0	0	0	0%		0%
06	TX	1035	22	1	3	1	0	3	0	0	75%	7.23	100%
Region 6 Summary			69	8	13	4	0	16	1	0	80%	9.07	84%
07	IA	0613	2	0	1	0	0	2	0	0	100%	6.24	100%

Attachment 3. 2011-2013 Collocated Precision Completeness at PQAO Level

Reg	State	PQAO	# Primary Sites		# Sites Required to Collocate			# Sites Actually Collocated			% Comp for # Sites in PQAO	CV Upper Bound	% Comp for # Pairs for PQAO and Region**
			FRM	FEM	FRM w/ Like FRM	FEM w/ FRM	FEM w/ Like FEM	FRM w/ Like FRM	FEM w/ FRM	FEM w/ Like FEM			
07	IA	0874	2	0	1	0	0	1	0	0	100%	7.72	100%
07	IA	1080	21	0	3	0	0	3	0	0	100%	7.27	100%
07	KS	0563	11	0	2	0	0	2	0	0	100%	7.01	100%
07	MO	0588	4	14	1	2	0	2	1	1	67%	10.57	100%
07	NE	0752	3	0	1	0	0	1	0	0	100%	14.39	100%
07	NE	0816	2	2	1	1	0	0	1	0	50%	13.39	100%
Region 7 Summary			45	16	10	3	0	11	2	1	88%	9.20	100%
08	CO	0240	17	0	3	0	0	2	0	0	67%	8.25	100%
08	CO	750	2	0	1	0	0	2	0	0	100%	7.07	61%
08	MT	0730	6	12	1	2	1	2	2	1	100%	14.44	91%
08	ND	0782	4	5	1	1	0	1	0	0	50%	6.97	100%
08	SD	0973	6	7	2	1	0	2	1	0	100%	17.20	99%
08	UT	1113	13	0	3	0	0	3	0	0	100%	14.24	86%
08	UT	1387	1	0	1	0	0	0	0	0	0%		0%
08	UT	687	0	1	0	1	0	0	0	0	0%		0%
08	WY	1188	11	10	2	3	0	2	1	2	60%	16.93	90%
08	WY	1390	1	0	1	0	0	0	0	0	0%		0%
Region 8 Summary			61	35	15	8	1	14	4	3	58%	14.38	63%
09	AZ	0053	6	3	1	1	0	2	1	0	100%	10.40	70%
09	AZ	0643	2	6	1	3	0	1	0	0	25%	7.44	85%
09	AZ	0864	2	0	1	0	0	0	0	0	0%		0%
09	AZ	0865	3	0	2	0	0	1	0	0	50%	10.41	100%
09	AZ	615	1	0	1	0	0	1	0	0	100%	4.84	100%
09	CA	0086	2	11	1	1	1	1	1	1	100%	14.88	100%
09	CA	0145	39	30	8	3	2	9	1	1	77%	20.35	93%
09	CA	0942	8	2	2	1	0	2	0	0	67%	5.71	67%
09	CA	0972	20	0	3	0	0	4	0	0	100%	8.48	92%
09	CA	586	0	1	0	1	0	0	1	0	100%	27.11	100%
09	HI	0481	0	13	0	1	1	0	0	0	0%		0%
09	NV	0226	3	2	1	1	0	1	0	0	50%	10.42	100%
09	NV	0757	0	2	0	1	0	0	1	0	100%	11.26	100%

Attachment 3. 2011-2013 Collocated Precision Completeness at PQAO Level

Reg	State	PQAO	# Primary Sites		# Sites Required to Collocate			# Sites Actually Collocated			% Comp for # Sites in PQAO	CV Upper Bound	% Comp for # Pairs for PQAO and Region**
			FRM	FEM	FRM w/ Like FRM	FEM w/ FRM	FEM w/ Like FEM	FRM w/ Like FRM	FEM w/ FRM	FEM w/ Like FEM			
09	NV	1138	0	3	0	1	0	0	1	0	100%	12.96	100%
Region 9 Summary			86	73	21	14	4	22	6	2	69%	16.41	79%
10	AK	0015	7	6	1	1	0	2	1	0	100%	11.67	79%
10	ID	0511	4	2	1	2	0	1	2	0	100%	16.00	77%
10	OR	0821	16	0	4	0	0	3	0	0	75%	3.73	67%
10	WA	1136	8	8	1	2	0	2	0	2	33%	11.77	74%
Region 10 Summary			35	16	7	5	0	8	3	2	77%	12.96	74%
	NP	0745	0	2	0	1	0	0	0	0	0%		0%

** % Complete at PQAO level is average of site-level % complete.

% Complete for Region level is average of PQAO-level % complete.

Attachment 4a, b, and c

2011-2013 $PM_{2.5}$ Flow Rate Completeness of SLAMS and Tribal Monitors with Aggregation by Primary Quality Assurance Organization (PQAO) and Average Flow Rate % Difference by PQAO

Notes

The flow rate requirement is that every sampler (SLAMS or Tribal monitor) be audited 2 times a year. The flow rate estimate for each site was based on the sampler start and end dates. If a site was operating for the complete 3 years, then 6 audits are required and the completeness would be based on the number of audits submitted divided by 6. For any samplers not operating for the 3-year period the flow rate completeness would be based on the quarters the samplers operated (start and end date).

Table 4a provides estimates of the audits performed each year for each primary monitor for dates not specifically excluded from the NAAQS. Table 4b provides estimates for all the other audits reported to AQS. Missing spaces in the table indicate that the sampler did not operate in that year.

Table 4c provides an estimate of the average 3-year percent difference of all the flow rate audits for the primary monitors for each PQAO.

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Attachment 4A. PM2.5 Flow Rate Completeness, 2011–2013, Primary Monitors.

Metadata					2011			2012			2013			3 Year comp %
Region	State	PQAO	Site ID	POC	2011 Required	2011 Submitted	2011 % Complete	2012 Required	2012 Submitted	2012 % Complete	2013 Required	2013 Submitted	2013 % Complete	
01	CT	0251	090010010	1	2	2	100	2	2	100	2	2	100	
01	CT	0251	090011123	1	2	2	100	2	2	100	2	2	100	
01	CT	0251	090013005	1	2	2	100	2	2	100				
01	CT	0251	090019003	1	2	2	100	2	2	100	2	2	100	
01	CT	0251	090031003	1	2	3	100	2	2	100	2	3	100	
01	CT	0251	090032006	1	2	2	100	2	2	100	2	2	100	
01	CT	0251	090050005	1	2	2	100	2	2	100	2	2	100	
01	CT	0251	090090027	1	2	1	50	2	2	100	2	2	100	
01	CT	0251	090091123	1	2	2	100	2	2	100	2	2	100	
01	CT	0251	090092123	1	2	1	50	2	2	100	2	2	100	
01	CT	0251	090113002	1	2	2	100	2	2	100	2	2	100	
01	CT	All	All Sites				91			100			100	97
01	MA	0660	250035001	1	2	2	100	2	2	100	2	2	100	
01	MA	0660	250051004	1	2	2	100	2	2	100	2	2	100	
01	MA	0660	250092006	1	2	2	100	2	2	100	2	2	100	
01	MA	0660	250095005	1	2	2	100	2	2	100	2	2	100	
01	MA	0660	250096001	1	2	2	100	2	2	100	2	2	100	
01	MA	0660	250130008	1	2	2	100	2	2	100	2	2	100	
01	MA	0660	250130016	1	2	2	100	2	2	100	2	3	100	
01	MA	0660	250132009	1	2	2	100	2	2	100	2	2	100	
01	MA	0660	250170009	1	2	2	100	2	2	100				
01	MA	0660	250230004	1	2	2	100	2	2	100	2	2	100	
01	MA	0660	250230005	1							1	1	100	
01	MA	0660	250250002	1	2	2	100	2	2	100	2	2	100	
01	MA	0660	250250027	1	2	2	100	2	2	100	2	2	100	
01	MA	0660	250250042	1	2	2	100	2	2	100	2	2	100	
01	MA	0660	250250043	1	2	2	100	2	2	100	2	2	100	
01	MA	0660	250250044	1							1		0	
01	MA	0660	250270016	1	2	2	100	2	2	100	2	3	100	
01	MA	All	All Sites				100			100			94	98
01	MA	0660	250270023	1	2	2	100	2	2	100	2	2	100	
01	ME	0635	230010011	1	2	3	100	2	4	100	2	4	100	
01	ME	0635	230030014	1	2	2	100	2	4	100	2	3	100	
01	ME	0635	230031008	2	2	2	100	2	4	100	2	3	100	
01	ME	0635	230031011	1	2	2	100	2	4	100	2	3	100	
01	ME	0635	230050015	1	2	3	100	2	4	100	2	3	100	
01	ME	0635	230050029	1	2	4	100	2	4	100	2	3	100	
01	ME	0635	230090103	1	2	3	100	2	4	100	2	4	100	
01	ME	0635	230110016	1	2	3	100	2	4	100	2	4	100	
01	ME	0635	230172011	1	2	3	100	2	4	100	2	4	100	
01	ME	0635	230190002	1	2	4	100	2	4	100	2	4	100	
01	ME	0635	230210004	1	1	1	100							
01	ME	All	All Sites				100			100			100	100
01	NH	0762	330012004	1	2	4	100	2	4	100	2	4	100	
01	NH	0762	330050007	3	2	6	100	2	6	100	2	6	100	
01	NH	0762	330090010	3	2	6	100	2	6	100	2	6	100	
01	NH	0762	330111015	1	2	4	100	2	4	100	2	4	100	
01	NH	0762	330115001	3	2	3	100	2	6	100	2	6	100	
01	NH	0762	330131006	1	2	4	100	2	4	100	2	4	100	
01	NH	0762	330132007	3				1		0	1		0	
01	NH	0762	330150014	3	2	6	100	2	5	100	2	5	100	
01	NH	0762	330150014	6							1		0	
01	NH	0762	330150018	3	2	6	100	2	6	100	2	6	100	
01	NH	All	All Sites				100			89			80	89
01	RI	0907	440030002	3	2	2	100	2	2	100	2	2	100	
01	RI	0907	440070022	1	2	2	100	2	2	100	2	2	100	
01	RI	0907	440070026	1	2	2	100	2	1	50	2	3	100	
01	RI	0907	440070028	1	2	2	100	2	2	100				
01	RI	0907	440071010	1	2	2	100	2	3	100	2	2	100	
01	RI	0907	440090007	1							2	2	100	
01	RI	All	All Sites				100			90			100	97
01	VT	1119	500030004	1	2	4	100	2	4	100	2	3	100	
01	VT	1119	500070007	1	2	4	100	2	4	100	2	3	100	
01	VT	1119	500070012	1	2	4	100	2	4	100	2	3	100	
01	VT	1119	500070014	1							2	3	100	
01	VT	1119	500210002	1	2	4	100	2	3	100	2	3	100	
01	VT	All	All Sites				100			100			100	100
02	NJ	0764	340010006	1	2	4	100	2	4	100	2	4	100	
02	NJ	0764	340011006	1	2	4	100	2	4	100	2	4	100	
02	NJ	0764	340030003	1	2	3	100	2	4	100	2	4	100	
02	NJ	0764	340070002	1				2	1	50	2	4	100	

Metadata					2011			2012			2013			3 Year comp %
Region	State	PQAO	Site ID	POC	2011 Required	2011 Submitted	2011 % Complete	2012 Required	2012 Submitted	2012 % Complete	2013 Required	2013 Submitted	2013 % Complete	
02	NJ	0764	340071007	1	2	3	100	2	4	100	2	4	100	
02	NJ	0764	340130003	1	2	3	100	2	4	100	2	4	100	
02	NJ	0764	340150004	1	2	3	100	2	4	100	2	4	100	
02	NJ	0764	340171003	1	2	3	100	2	4	100	2	4	100	
02	NJ	0764	340172002	1	2	3	100	2	4	100	2	4	100	
02	NJ	0764	340210008	1	2	3	100	2	4	100	2	4	100	
02	NJ	0764	340218001	1	2	3	100	2	4	100	2	4	100	
02	NJ	0764	340230006	1	2	3	100	2	4	100	2	4	100	
02	NJ	0764	340270004	1	2	3	100	2	4	100	2	4	100	
02	NJ	0764	340273001	1	2	3	100	2	4	100	2	4	100	
02	NJ	0764	340292002	1	2	3	100	2	4	100	2	4	100	
02	NJ	0764	340310005	1	2	3	100	2	3	100	2	4	100	
02	NJ	0764	340390004	1	2	3	100	2	4	100	2	4	100	
02	NJ	0764	340390006	1	2	3	100	2	4	100	2	4	100	
02	NJ	0764	340392003	1	2	3	100	2	4	100	2	4	100	
02	NJ	0764	340410006	1	2	3	100	2	4	100	2	4	100	
02	NJ	0764	340410007	1	2	3	100	2	8	100	2	4	100	
02	NJ	All	All Sites				100			98			100	99
02	NY	0768	360010005	1	2	12	100	2	15	100	2	13	100	
02	NY	0768	360010012	1	2	12	100	2	11	100	2	13	100	
02	NY	0768	360050080	1	2	11	100	1	8	100				
02	NY	0768	360050110	1				2	6	100	2	13	100	
02	NY	0768	360050133	1	2	15	100	2	14	100	2	13	100	
02	NY	0768	360130006	1							2	9	100	
02	NY	0768	360130011	1	2	14	100	2	15	100	1	3	100	
02	NY	0768	360290002	1							2	12	100	
02	NY	0768	360290005	1	2	15	100	2	14	100	2	12	100	
02	NY	0768	360310003	1	2	13	100	2	13	100	2	14	100	
02	NY	0768	360470122	1	2	14	100	2	13	100	2	14	100	
02	NY	0768	360551007	1	2	13	100	2	12	100	2	11	100	
02	NY	0768	360590008	1	2	13	100							
02	NY	0768	360610079	1	2	13	100	2	14	100	2	15	100	
02	NY	0768	360610128	1	2	14	100	2	13	100	2	13	100	
02	NY	0768	360610134	1	2	16	100	2	13	100	2	12	100	
02	NY	0768	360632008	1	2	14	100	2	14	100	1	3	100	
02	NY	0768	360671015	1	2	15	100	2	14	100	2	13	100	
02	NY	0768	360710002	1	2	11	100	2	14	100	2	14	100	
02	NY	0768	360810124	1	2	18	100	2	15	100	2	14	100	
02	NY	0768	360850055	1	2	15	100	2	13	100	2	13	100	
02	NY	0768	360850067	1	2	16	100							
02	NY	0768	361010003	1	2	17	100	2	14	100	2	10	100	
02	NY	0768	361030002	1	2	16	100	2	14	100	2	13	100	
02	NY	0768	361191002	1	2	13	100							
02	NY	All	All Sites				100			100			100	100
02	PR	0889	720010002	1	1	1	100	2	2	100	2	2	100	
02	PR	0889	720210009	1	1	1	100	2	2	100	2	2	100	
02	PR	0889	720530003	1	2	2	100	2		0				
02	PR	0889	720570008	1	2	3	100	2	2	100	2	2	100	
02	PR	0889	720590016	1	1	2	100	2	2	100	2	2	100	
02	PR	0889	720610005	1	2	3	100	2	3	100	2	2	100	
02	PR	0889	720690001	1	1	1	100	2	2	100	2	2	100	
02	PR	0889	720970006	1	2	2	100	2	2	100	2	2	100	
02	PR	0889	721130004	1	2	3	100	2	2	100	2	2	100	
02	PR	0889	721270003	1	2	2	100	2	1	50				
02	PR	All	All Sites				100			85			100	95
02	VI	1124	780100012	1	2		0	2		0	2		0	
02	VI	All	All Sites				0			74			88	0
03	DC	0350	110010041	1	2	4	100	2	5	100	2	4	100	
03	DC	0350	110010042	1	2	4	100	2	4	100	2	4	100	
03	DC	0350	110010043	1	2	4	100	2	5	100	2	4	100	
03	DC	All	All Sites				100			100			100	100
03	DE	0294	100010002	1	2	2	100	2	2	100	2	2	100	
03	DE	0294	100010003	1	2	2	100	2	2	100	2	2	100	
03	DE	0294	100031003	1	2	2	100	2	2	100	2	2	100	
03	DE	0294	100031007	1	2	2	100	2	2	100	2	3	100	
03	DE	0294	100031008	3							2	1	50	
03	DE	0294	100031012	1	2	2	100	2	2	100	2	2	100	
03	DE	0294	100032004	1	2	2	100	2	2	100	2	2	100	
03	DE	0294	100051002	1	2	2	100	2	2	100	2	2	100	
03	DE	All	All Sites				100			100			94	98
03	MD	1002	240031003	1	2	2	100	2	2	100	2	2	100	
03	MD	1002	240051007	1	2	2	100	2	2	100	2	2	100	

Metadata					2011			2012			2013			3 Year comp %
Region	State	PQAO	Site ID	POC	2011 Required	2011 Submitted	2011 % Complete	2012 Required	2012 Submitted	2012 % Complete	2013 Required	2013 Submitted	2013 % Complete	
03	MD	1002	240053001	1	2	2	100	2	2	100	2	2	100	
03	MD	1002	240150003	3	2	4	100	2	3	100	2	4	100	
03	MD	1002	240190004	3				2	2	100	2	4	100	
03	MD	1002	240230002	3	2	2	100	2	4	100	2	3	100	
03	MD	1002	240251001	1	2	1	50							
03	MD	1002	240251001	3	1	1	100	2	3	100	2	4	100	
03	MD	1002	240290002	3	2	4	100	2	3	100	2	4	100	
03	MD	1002	240313001	3	2	4	100	2	4	100	2	4	100	
03	MD	1002	240330025	1	2	2	100							
03	MD	1002	240330030	1	2	2	100	2	2	100	2	2	100	
03	MD	1002	240338003	1	2	2	100	2	2	100	2	2	100	
03	MD	1002	240430009	3	2	4	100	2	4	100	2	3	100	
03	MD	1002	245100006	1	2	2	100							
03	MD	1002	245100007	1	2	2	100	2	2	100	2	2	100	
03	MD	1002	245100008	1	2	2	100	2	2	100	2	2	100	
03	MD	All	All Sites				97			100			100	99
03	MD	1002	245100040	1	2	2	100	2	2	100	2	2	100	
03	PA	0021	420030002	1	2	6	100	2	12	100	2	12	100	
03	PA	0021	420030002	3	1	1	100							
03	PA	0021	420030008	1	2	12	100	2	12	100	2	12	100	
03	PA	0021	420030064	1	2	10	100	2	12	100	2	12	100	
03	PA	0021	420030067	1	2	11	100	2	12	100	2	12	100	
03	PA	0021	420030093	1	2	10	100	2	12	100	2	12	100	
03	PA	0021	420031008	1	2	8	100	2	12	100	2	12	100	
03	PA	0021	420031301	1	2	11	100	2	12	100	2	12	100	
03	PA	0021	420033007	1	2	12	100	2	12	100	2	12	100	
03	PA	0851	420010001	3	2	2	100	2	2	100	2	2	100	
03	PA	0851	420050001	3	2	2	100	2	2	100	2	2	100	
03	PA	0851	420070014	1	2	2	100	2	2	100	2	2	100	
03	PA	0851	420110011	1	2	2	100	2	2	100	2	2	100	
03	PA	0851	420130801	3	2	2	100	2	2	100	2	2	100	
03	PA	0851	420170012	1	2	2	100	2	2	100	2	2	100	
03	PA	0851	420210011	3	2	2	100	2	2	100	2	2	100	
03	PA	0851	420270100	1	2	2	100	2	2	100	2	2	100	
03	PA	0851	420290100	1				1		0	2	2	100	
03	PA	0851	420290100	3	2	2	100	2	2	100				
03	PA	0851	420410101	1	2	2	100	2	2	100	2	2	100	
03	PA	0851	420430401	1				2	2	100	2	2	100	
03	PA	0851	420430401	3	2	2	100							
03	PA	0851	420450002	3	2	2	100	2	2	100	2	2	100	
03	PA	0851	420490003	3	2	2	100	2	2	100	2	2	100	
03	PA	0851	420692006	3	2	2	100	2	2	100	2	2	100	
03	PA	0851	420710007	1	2	2	100	2	2	100	2	2	100	
03	PA	0851	420750100	3	2	2	100	2	2	100	2	2	100	
03	PA	0851	420850100	1	2	2	100	2	2	100	2	2	100	
03	PA	0851	420890002	3	2	2	100	2	2	100	2	2	100	
03	PA	0851	420910013	1	2	2	100	2	2	100	2	2	100	
03	PA	0851	420950025	1				2	2	100	2	2	100	
03	PA	0851	420950025	3	2	2	100	1		0				
03	PA	0851	420950027	1	2	2	100	2	2	100	2	2	100	
03	PA	0851	421250005	3	2	1	50	2	2	100	2	2	100	
03	PA	0851	421250200	1	2	2	100	2	2	100	2	2	100	
03	PA	0851	421255001	1				2	1	50	2	2	100	
03	PA	0851	421255001	3	2	2	100	1	1	100				
03	PA	0851	421255200	1				1	1	100	2	2	100	
03	PA	0851	421290008	1				1		0	2	2	100	
03	PA	0851	421290008	3	2	2	100	2	2	100				
03	PA	0851	421330008	1	2	2	100	2	2	100	2	2	100	
03	PA	0861	421010004	2	2	5	100	2	4	100	2	4	100	
03	PA	0861	421010024	1										
03	PA	0861	421010047	1	2	6	100	2	3	100	2	4	100	
03	PA	0861	421010048	3							1	1	100	
03	PA	0861	421010055	1	2	4	100	2	4	100	1	1	100	
03	PA	0861	421010055	3							2	3	100	
03	PA	0861	421010057	1	2	5	100	2	4	100	1	2	100	
03	PA	0861	421010057	3							2	2	100	
03	PA	0861	421011002	1	2	4	100	2	5	100	2	3	100	
03	PA	All	All Sites				99			92			100	97
03	VA	1127	510030001	1	2	2	100	2	2	100	2	3	100	
03	VA	1127	510130020	1	2	2	100	2	2	100	2	2	100	
03	VA	1127	510360002	1	2	2	100	2	2	100	2	2	100	
03	VA	1127	510410003	1	2	2	100	2	2	100	2	2	100	

Metadata					2011			2012			2013			3 Year comp %
Region	State	PQAO	Site ID	POC	2011 Required	2011 Submitted	2011 % Complete	2012 Required	2012 Submitted	2012 % Complete	2013 Required	2013 Submitted	2013 % Complete	
03	VA	1127	510590030	1	2	2	100	2	2	100	2	2	100	
03	VA	1127	510690010	1	2	2	100	2	2	100	2	2	100	
03	VA	1127	510870014	1	2	3	100	2	2	100	2	2	100	
03	VA	1127	510870015	1	2	2	100	2	2	100	2	2	100	
03	VA	1127	511071005	1	2	2	100	2	2	100	2	2	100	
03	VA	1127	511390004	1	2	2	100	2	2	100	2	2	100	
03	VA	1127	511611004	1							2	2	100	
03	VA	1127	511650003	1	2	2	100	2	2	100	2	2	100	
03	VA	1127	515100009	1	2	2	100							
03	VA	1127	515200006	1	2	2	100	2	2	100	2	2	100	
03	VA	1127	516500008	1	2	2	100	2	2	100	2	2	100	
03	VA	1127	516800015	1	2	2	100	2	2	100	2	2	100	
03	VA	1127	517100024	1	2	2	100	2	2	100	2	2	100	
03	VA	1127	517700015	1	2	2	100	2	2	100	1		0	
03	VA	1127	517750011	1	2	2	100	2	2	100	2	2	100	
03	VA	1127	518100008	1	2	2	100	2	2	100	2	2	100	
03	VA	All	All Sites				100			100			95	98
03	WV	1150	540030003	1	2	2	100	2	2	100	2	2	100	
03	WV	1150	540090005	1	2	2	100	2	2	100	2	2	100	
03	WV	1150	540090011	1	2	2	100	2	2	100	2	2	100	
03	WV	1150	540110006	1	2	2	100	2	2	100	2	2	100	
03	WV	1150	540291004	1	2	2	100	2	2	100	2	2	100	
03	WV	1150	540330003	1	2	2	100	2	2	100	2	2	100	
03	WV	1150	540390010	1	2	3	100	2	2	100	2	2	100	
03	WV	1150	540391005	1	2	3	100	2	2	100	2	2	100	
03	WV	1150	540490006	1	2	2	100	2	2	100	2	2	100	
03	WV	1150	540511002	1	2	2	100	2	2	100	2	2	100	
03	WV	1150	540610003	1	2	2	100	2	2	100	2	2	100	
03	WV	1150	540690010	1	2	2	100	2	2	100	2	2	100	
03	WV	1150	540810002	1	2	3	100	2	2	100	2	2	100	
03	WV	1150	541071002	1	2	2	100	2	2	100	2	2	100	
03	WV	All	All Sites				100			100			100	100
04	AL	0013	010030010	1	2	4	100	2	4	100	2	4	100	
04	AL	0013	010270001	1	2	4	100	2	4	100	2	4	100	
04	AL	0013	010331002	1	2	4	100	2	5	100	2	4	100	
04	AL	0013	010491003	1	2	4	100	2	3	100	2	4	100	
04	AL	0013	010690003	1	2	3	100	2	4	100	2	4	100	
04	AL	0013	010730023	1	2	16	100	2	20	100	2	22	100	
04	AL	0013	010731005	1	2	9	100	2	15	100	2	17	100	
04	AL	0013	010731009	1	2	8	100							
04	AL	0013	010731010	1	2	8	100	2	8	100	2	13	100	
04	AL	0013	010732003	1	2	17	100	2	27	100	2	24	100	
04	AL	0013	010732006	1	2	8	100							
04	AL	0013	010735002	1	2	9	100							
04	AL	0013	010735003	1	2	8	100							
04	AL	0013	010890014	1	2	4	100	2	4	100	2	5	100	
04	AL	0013	010970003	1	2	4	100	2	4	100	2	4	100	
04	AL	0013	010972005	1	2	4	100							
04	AL	0013	011011002	2	2	4	100	2	4	100	2	4	100	
04	AL	0013	011030011	1	2	4	100	2	5	100	2	4	100	
04	AL	0013	011130001	1	2	2	100	2	4	100	2	4	100	
04	AL	0013	011170006	1	2	3	100	2	4	100	2	4	100	
04	AL	0013	011210002	1	2	4	100	2	4	100	2	4	100	
04	AL	0013	011250004	1	2	4	100	2	4	100	2	4	100	
04	AL	0013	011270002	1	2	4	100							
04	AL	All	All Sites				100			100			100	100
04	FL	1328	120010023	1	2	2	100	2	2	100	2	2	100	
04	FL	1328	120090007	1	2	2	100	2	2	100	2	2	100	
04	FL	1328	120111002	1	2	2	100	2	3	100	2	2	100	
04	FL	1328	120112003	1	2	2	100	2	2	100	2	4	100	
04	FL	1328	120115005	1	2	2	100	2	1	50	2		0	
04	FL	1328	120170005	1	2	2	100	2	2	100	2	2	100	
04	FL	1328	120310032	1	2	2	100	2	2	100	2	2	100	
04	FL	1328	120310098	1	2	2	100	2	2	100	2	2	100	
04	FL	1328	120310099	1	2	2	100	2	2	100	2	2	100	
04	FL	1328	120330004	1	2	2	100	2	2	100	2	2	100	
04	FL	1328	120573002	1	2	2	100	2	2	100	2	2	100	
04	FL	1328	120710005	1	2	2	100	2	2	100	2	2	100	
04	FL	1328	120730012	1	2	2	100	2	2	100	2	2	100	
04	FL	1328	120860033	1	2	2	100	2	2	100	2	2	100	
04	FL	1328	120861016	1	2	2	100	2	2	100	2	2	100	
04	FL	1328	120866001	1	2	2	100	2	2	100	2	2	100	

Metadata					2011			2012			2013			3 Year comp %
Region	State	PQAO	Site ID	POC	2011 Required	2011 Submitted	2011 % Complete	2012 Required	2012 Submitted	2012 % Complete	2013 Required	2013 Submitted	2013 % Complete	
04	FL	1328	120951004	1	2	2	100							
04	FL	1328	120952002	1	2	2	100	2	2	100	2	2	100	
04	FL	1328	120990008	1	2	2	100							
04	FL	1328	120990008	3				2	2	100				
04	FL	1328	120990009	1	2	2	100	2	2	100	2	2	100	
04	FL	1328	120992005	1	2	2	100	2	2	100	2	2	100	
04	FL	1328	121030018	1	2	2	100	2	2	100	2	2	100	
04	FL	1328	121031009	1	2	2	100	2	2	100	2	2	100	
04	FL	1328	121056006	1	2	2	100	2	2	100	2	2	100	
04	FL	1328	121150013	1	2	2	100	2	2	100	2	2	100	
04	FL	1328	121171002	1	2	2	100	2	2	100	2	2	100	
04	FL	1328	121275002	1	2	2	100	2	2	100	2	2	100	
04	FL	All	All Sites				100			98			96	98
04	GA	0437	130210007	1	2	2	100	2	2	100	2	2	100	
04	GA	0437	130210012	1	2	2	100	2	2	100	2	2	100	
04	GA	0437	130510017	1	2	2	100	2	2	100				
04	GA	0437	130510091	1	2	2	100	2	2	100	2	2	100	
04	GA	0437	130590002	1	2	3	100	2	2	100	2	2	100	
04	GA	0437	130630091	1	2	2	100	2	2	100	2	2	100	
04	GA	0437	130670003	1	2	3	100	2	2	100	2	2	100	
04	GA	0437	130670004	1	2	2	100	2	2	100				
04	GA	0437	130890002	1	2	3	100	2	2	100	2	2	100	
04	GA	0437	130892001	1	2	2	100	2	2	100				
04	GA	0437	130950007	1	2	2	100	2	2	100	2	2	100	
04	GA	0437	131150003	1	2	2	100	2	2	100	2	2	100	
04	GA	0437	131210032	1	2	2	100	2	2	100				
04	GA	0437	131210039	1	2	2	100	2	2	100	2	2	100	
04	GA	0437	131270006	1	2	2	100	2	2	100	2	2	100	
04	GA	0437	131350002	1	2	2	100	2	2	100	2	2	100	
04	GA	0437	131390003	1	2	3	100	2	2	100	2	2	100	
04	GA	0437	131530001	1	2	2	100	2	2	100	2	2	100	
04	GA	0437	131850003	1	2	2	100	2	2	100	2	2	100	
04	GA	0437	132150001	1	2	2	100	2	2	100	2	2	100	
04	GA	0437	132150008	1	2	2	100	2	2	100	2	2	100	
04	GA	0437	132150011	1	2	2	100	2	2	100	2	2	100	
04	GA	0437	132230003	1	2	2	100	2	2	100	2	2	100	
04	GA	0437	132450005	1	2	2	100	2	2	100				
04	GA	0437	132450091	1	2	2	100	2	2	100	2	2	100	
04	GA	0437	132950002	1	2	2	100	2	3	100	2	2	100	
04	GA	0437	133030001	1	2	2	100	2	2	100	2	2	100	
04	GA	0437	133190001	1	2	2	100	2	2	100	2	2	100	
04	GA	All	All Sites				100			100			100	100
04	KY	0584	210130002	1	2	4	100	2	4	100	2	4	100	
04	KY	0584	210190017	1	2	3	100	2	4	100	2	4	100	
04	KY	0584	210290006	1	2	4	100							
04	KY	0584	210373002	1	2	4	100	2	4	100	2	4	100	
04	KY	0584	210430500	1	2	4	100	2	4	100	2	4	100	
04	KY	0584	210470006	1	2	4	100	2	4	100	2	4	100	
04	KY	0584	210590005	1	2	4	100	2	4	100	2	4	100	
04	KY	0584	210670012	1	2	4	100	2	4	100	2	4	100	
04	KY	0584	210670014	1	2	4	100							
04	KY	0584	210730006	1	2	4	100							
04	KY	0584	210930006	1	2	4	100	2	3	100	2	4	100	
04	KY	0584	211010014	1	2	4	100	2	4	100	2	4	100	
04	KY	0584	211110043	1	2	7	100	2		0	2	7	100	
04	KY	0584	211110044	1	2	7	100	2		0	2	6	100	
04	KY	0584	211110051	1	2	7	100	2		0	2	6	100	
04	KY	0584	211110067	1	2	7	100	2		0	2	7	100	
04	KY	0584	211451004	1	2	4	100	2	4	100	2	2	100	
04	KY	0584	211451024	1							1	2	100	
04	KY	0584	211510003	1	2	4	100	2	4	100	2	4	100	
04	KY	0584	211930003	1							1	1	100	
04	KY	0584	211950002	1	2	4	100	2	4	100	2	4	100	
04	KY	0584	211990003	1				2	4	100	2	4	100	
04	KY	0584	212270008	1	2	4	100	1	2	100				
04	KY	0584	212270009	1				2	2	100	2	4	100	
04	KY	All	All Sites				100			79			100	93
04	MS	0703	280010004	1										
04	MS	0703	280110001	1										
04	MS	0703	280330002	1	2	3	100	2	2	100	2	2	100	
04	MS	0703	280350004	1	2	3	100	2	1	50	2	2	100	
04	MS	0703	280430001	1	2	3	100	2	1	50	2	2	100	

Metadata					2011			2012			2013			3 Year comp %
Region	State	PQAO	Site ID	POC	2011 Required	2011 Submitted	2011 % Complete	2012 Required	2012 Submitted	2012 % Complete	2013 Required	2013 Submitted	2013 % Complete	
04	MS	0703	280450003	1	2	3	100	2	1	50	2	2	100	
04	MS	0703	280470008	1	2	3	100	2	2	100	2	2	100	
04	MS	0703	280490010	1	2	4	100	2	1	50	2	3	100	
04	MS	0703	280490019	1	2	3	100	2	1	50				
04	MS	0703	280490020	1							2	1	50	
04	MS	0703	280590006	1	2	4	100	2	1	50	2	3	100	
04	MS	0703	280670002	1	2	4	100	2	2	100				
04	MS	0703	280750003	1	2	4	100	2	1	50				
04	MS	0703	280810005	1	2	3	100	2	1	50				
04	MS	All	All Sites				100			64			94	85
04	NC	001	370990006	1	2	4	100	2	3	100	2	3	100	
04	NC	0776	370010002	1	2	4	100	2	4	100	2	4	100	
04	NC	0776	370210034	1	2	4	100	2	4	100	2	4	100	
04	NC	0776	370330001	1	2	4	100	2	4	100	2	4	100	
04	NC	0776	370350004	1	2	4	100	2	4	100	2	4	100	
04	NC	0776	370370004	1	2	4	100	2	4	100	2	4	100	
04	NC	0776	370510009	1	2	4	100	2	4	100	2	4	100	
04	NC	0776	370570002	1	2	4	100	2	4	100	2	4	100	
04	NC	0776	370610002	1	2	4	100	2	4	100	2	4	100	
04	NC	0776	370630015	1	2	4	100	2	4	100	2	4	100	
04	NC	0776	370650004	1	2	4	100	2	4	100	2	4	100	
04	NC	0776	370670022	1	2	4	100	2	5	100	2	4	100	
04	NC	0776	370670030	1	2	4	100	2	4	100	2	4	100	
04	NC	0776	370710016	1	2	5	100	2	4	100	2	4	100	
04	NC	0776	370810013	1	2	4	100	2	4	100	2	4	100	
04	NC	0776	370810014	1	2	4	100	2	4	100	2	4	100	
04	NC	0776	370870012	1	2	4	100	2	4	100	2	4	100	
04	NC	0776	371010002	1	2	4	100	2	4	100	2	4	100	
04	NC	0776	371050002	1							1		0	
04	NC	0776	371070004	1	2	4	100	2	4	100	2	4	100	
04	NC	0776	371110004	1	2	4	100	2	4	100	2	4	100	
04	NC	0776	371170001	1	2	4	100	2	4	100	2	4	100	
04	NC	0776	371190041	1	2	5	100	2	5	100	2	5	100	
04	NC	0776	371190042	1	2	6	100	2	5	100	2	5	100	
04	NC	0776	371190043	1	2	5	100	2	5	100	2	5	100	
04	NC	0776	371210001	1	2	4	100	2	4	100	2	4	100	
04	NC	0776	371230001	1	2	4	100	2	4	100	2	4	100	
04	NC	0776	371290002	1	2	4	100	2	4	100	2	4	100	
04	NC	0776	371470006	1	2	4	100	2	4	100	2	4	100	
04	NC	0776	371550005	1	2	4	100	2	4	100	2	5	100	
04	NC	0776	371590021	1	2	5	100	2	4	100	2	4	100	
04	NC	0776	371730002	1	1	1	100							
04	NC	0776	371730002	3	2	2	100	2	4	100	2	4	100	
04	NC	0776	371830014	3	2	4	100	2	4	100	2	4	100	
04	NC	0776	371830020	1	2	4	100	2	4	100	2	4	100	
04	NC	0776	371890003	1	2	4	100	2	4	100	2	4	100	
04	NC	0776	371910005	1	2	4	100	2	4	100	2	4	100	
04	NC	All	All Sites				100			100			97	99
04	SC	0971	450190048	1	2	26	100	2	25	100	2	2	100	
04	SC	0971	450190049	1	2	26	100	2	27	100	2	2	100	
04	SC	0971	450190051	1	1	1	100							
04	SC	0971	450250001	1	2	26	100	2	27	100	2	2	100	
04	SC	0971	450370001	1	2	26	100	2	24	100	2	2	100	
04	SC	0971	450410003	1	2	27	100	2	26	100	2	2	100	
04	SC	0971	450450009	1	2	25	100	2	24	100				
04	SC	0971	450450015	1	2	27	100	2	27	100	2	2	100	
04	SC	0971	450450016	1	2	22	100	2	25	100	2	2	100	
04	SC	0971	450630008	1	2	25	100	2	26	100	2	2	100	
04	SC	0971	450730001	1										
04	SC	0971	450790007	1	2	26	100	2	25	100	2	2	100	
04	SC	0971	450790019	1	2	25	100	2	25	100	2	2	100	
04	SC	0971	450830011	1	2	27	100	2	27	100	2	2	100	
04	SC	All	All Sites				100			100			100	100
04	TN	1025	470090011	1	2	3	100	2	4	100	2	4	100	
04	TN	1025	470370023	1	2	20	100	2	17	100	2	16	100	
04	TN	1025	470370036	1	2	21	100	2	16	100	2	14	100	
04	TN	1025	470450004	1	2	4	100	2	4	100	2	4	100	
04	TN	1025	470650031	1	2	19	100	2	15	100	2	15	100	
04	TN	1025	470651011	1	2	16	100	2	16	100	2	14	100	
04	TN	1025	470654002	1	2	18	100	2	15	100	2	15	100	
04	TN	1025	470930028	1	2	6	100	2	7	100	2	8	100	
04	TN	1025	470931013	1	2	8	100	2	8	100	2	8	100	

Metadata					2011			2012			2013			3 Year comp %
Region	State	PQAO	Site ID	POC	2011 Required	2011 Submitted	2011 % Complete	2012 Required	2012 Submitted	2012 % Complete	2013 Required	2013 Submitted	2013 % Complete	
04	TN	1025	470931017	1	2	9	100	2	7	100	2	8	100	
04	TN	1025	470931020	1	2	6	100	2	8	100	2	8	100	
04	TN	1025	470990002	1	2	4	100	2	4	100	2	4	100	
04	TN	1025	471050108	1	2	4	100	2	4	100	2	4	100	
04	TN	1025	471071002	1	2	4	100	2	4	100	2	4	100	
04	TN	1025	471130006	1	2	3	100	2	4	100	2	4	100	
04	TN	1025	471192007	1	2	4	100	2	4	100	2	4	100	
04	TN	1025	471251009	1	2	4	100	2	4	100	2	4	100	
04	TN	1025	471410005	1	2	4	100	2	4	100	2	4	100	
04	TN	1025	471450004	1	2	4	100	2	4	100	2	4	100	
04	TN	1025	471570014	1	1		0							
04	TN	1025	471570047	1	2	4	100	2	4	100	2	4	100	
04	TN	1025	471570075	1	2	4	100	2	4	100	2	4	100	
04	TN	1025	471631007	1	2	4	100	2	4	100	2	4	100	
04	TN	1025	471650007	1	2	4	100	2	4	100	2	4	100	
04	TN	All	All Sites				96			100			100	99
05	IL	0258	170310001	1							2	3	100	
05	IL	0258	170310022	1	2	5	100	2	1	50	2	2	100	
05	IL	0258	170310052	1	2	8	100	2	1	50	2	2	100	
05	IL	0258	170310057	1	2	4	100	2	1	50	2	3	100	
05	IL	0258	170310076	1	2	5	100	2	1	50	2	2	100	
05	IL	0258	170312001	1	2	4	100	2	1	50	1		0	
05	IL	0258	170313301	1	2	5	100	2	1	50	2	3	100	
05	IL	0258	170316005	1	2	4	100	2	1	50	2	3	100	
05	IL	0513	170010007	1	2	2	100	2	2	100				
05	IL	0513	170190006	1	2	2	100	2	2	100	2	2	100	
05	IL	0513	170191001	1	2	2	100	2	2	100	2	2	100	
05	IL	0513	170311016	1	2	2	100	2	2	100	2	2	100	
05	IL	0513	170313103	1	2	2	100	2	2	100	2	2	100	
05	IL	0513	170314007	1	2	2	100	2	3	100	2	2	100	
05	IL	0513	170314201	1	2	2	100	2	2	100	2	2	100	
05	IL	0513	170434002	1	2	2	100	2	2	100	2	3	100	
05	IL	0513	170650002	1	2	2	100	2	2	100	2	2	100	
05	IL	0513	170831001	1	2	2	100	2	2	100	2	2	100	
05	IL	0513	170890003	1	2	2	100	2	2	100	2	2	100	
05	IL	0513	170890007	1	2	3	100	2	2	100	2	2	100	
05	IL	0513	171110001	1	2	3	100	2	3	100	2	2	100	
05	IL	0513	171132003	1	2	2	100	2	2	100	2	2	100	
05	IL	0513	171150013	1	2	2	100	2	2	100	2	2	100	
05	IL	0513	171190024	1	2	2	100	2	2	100	2	2	100	
05	IL	0513	171191007	1	2	2	100	2	2	100	2	2	100	
05	IL	0513	171192009	1	2	2	100	2	2	100	2	2	100	
05	IL	0513	171193007	1	2	2	100	2	2	100	2	2	100	
05	IL	0513	171430037	1	2	3	100	2	2	100	2	2	100	
05	IL	0513	171570001	1	2	2	100	2	2	100	2	2	100	
05	IL	0513	171613002	1	2	3	100	2	3	100	2	2	100	
05	IL	0513	171630010	1	2	3	100	2	3	100	2	3	100	
05	IL	0513	171670012	1	2	2	100	2	2	100	2	3	100	
05	IL	0513	171971002	1	2	2	100	2	2	100	2	2	100	
05	IL	0513	171971011	1	2	3	100	2	2	100	2	2	100	
05	IL	0513	172010013	1	2	2	100	2	3	100	2	2	100	
05	IL	All	All Sites				100			90			97	96
05	IN	0520	180030004	1	2	4	100	2	4	100	2	4	100	
05	IN	0520	180190006	1	2	4	100	2	4	100	2	4	100	
05	IN	0520	180190008	1	2	4	100	2	4	100	2	4	100	
05	IN	0520	180350006	1	2	4	100	2	4	100	2	4	100	
05	IN	0520	180372001	1	2	4	100	2	4	100	2	4	100	
05	IN	0520	180390008	1	2	4	100	2	4	100	2	4	100	
05	IN	0520	180431004	1	2	4	100	2	4	100	2	4	100	
05	IN	0520	180510012	1	2	4	100							
05	IN	0520	180550001	1				2	4	100	2	4	100	
05	IN	0520	180650003	1	2	4	100	2	4	100	2	4	100	
05	IN	0520	180670003	1	2	4	100	1		0				
05	IN	0520	180830004	1	2	3	100							
05	IN	0520	180890006	1	2	4	100	2	4	100	2	4	100	
05	IN	0520	180890022	1	2	4	100	2	2	100	2	4	100	
05	IN	0520	180890026	1	2	4	100	2	4	100	2	4	100	
05	IN	0520	180890027	1	2	4	100							
05	IN	0520	180890031	1	2	4	100	2	4	100	2	4	100	
05	IN	0520	180892004	1	2	4	100	2	4	100	2	4	100	
05	IN	0520	180892010	1	2	4	100	2	4	100				
05	IN	0520	180910011	1	2	4	100	2	4	100	2	4	100	

Metadata					2011			2012			2013			3 Year comp %
Region	State	PQAO	Site ID	POC	2011 Required	2011 Submitted	2011 % Complete	2012 Required	2012 Submitted	2012 % Complete	2013 Required	2013 Submitted	2013 % Complete	
05	IN	0520	180950011	1	2	4	100	2	4	100	2	4	100	
05	IN	0520	180970043	1	2	4	100	2	5	100	2	4	100	
05	IN	0520	180970078	1	2	4	100	2	4	100	2	4	100	
05	IN	0520	180970081	1	2	4	100	2	4	100	2	4	100	
05	IN	0520	180970083	1	2	4	100	2	4	100	2	4	100	
05	IN	0520	180970084	1	2	4	100	2	4	100	2	4	100	
05	IN	0520	181050003	1	2	4	100	2	4	100	2	4	100	
05	IN	0520	181270024	1	2	4	100	2	4	100	2	4	100	
05	IN	0520	181410015	1	2	4	100	2	4	100	2	4	100	
05	IN	0520	181470009	1	2	4	100	2	4	100	2	4	100	
05	IN	0520	181570008	1	2	4	100	2	4	100	2	4	100	
05	IN	0520	181630016	1	2	4	100	2	4	100	2	4	100	
05	IN	0520	181630020	1	1	1	100							
05	IN	0520	181630021	1	2	4	100	2	4	100	2	4	100	
05	IN	0520	181630023	1							2	4	100	
05	IN	0520	181670018	1	2	4	100	2	4	100	2	4	100	
05	IN	0520	181830003	1	2	4	100	2	4	100	2	4	100	
05	IN	All	All Sites				100			97			100	99
05	MI	0685	260050003	1	2	2	100	2	2	100	2	2	100	
05	MI	0685	260170014	1	2	2	100	2	2	100	2	2	100	
05	MI	0685	260210014	1	2	2	100	2	2	100	2	2	100	
05	MI	0685	260330901	1	2	2	100	2	2	100	2	2	100	
05	MI	0685	260490021	1	2	2	100	2	2	100	2	2	100	
05	MI	0685	260650012	1	2	2	100	2	2	100	2	2	100	
05	MI	0685	260770008	1	2	2	100	2	2	100	2	2	100	
05	MI	0685	260810007	1	2	2	100	2	2	100	2	2	100	
05	MI	0685	260810020	1	2	2	100	2	2	100	2	2	100	
05	MI	0685	260910007	1	2	2	100	2	2	100	2	2	100	
05	MI	0685	260990009	1	2	2	100	2	2	100	2	2	100	
05	MI	0685	261010922	1	2	2	100	2	2	100	2	2	100	
05	MI	0685	261130001	1	2	2	100	2	2	100	2	2	100	
05	MI	0685	261150005	1	2	2	100	2	2	100	2	1	50	
05	MI	0685	261150006	1							1	1	100	
05	MI	0685	261210040	1	2	2	100	2	2	100	2	1	50	
05	MI	0685	261250001	1	2	2	100	2	2	100	2	2	100	
05	MI	0685	261390005	1	2	2	100	2	2	100	2	2	100	
05	MI	0685	261470005	1	2	2	100	2	2	100	2	2	100	
05	MI	0685	261610008	1	2	2	100	2	2	100	2	2	100	
05	MI	0685	261630001	1	2	2	100	2	2	100	2	2	100	
05	MI	0685	261630015	1	2	2	100	2	2	100	2	2	100	
05	MI	0685	261630016	1	2	2	100	2	2	100	2	2	100	
05	MI	0685	261630019	1	2	2	100	2	2	100	2	2	100	
05	MI	0685	261630025	1	2	2	100	2	2	100	2	2	100	
05	MI	0685	261630033	1	2	2	100	2	2	100	2	2	100	
05	MI	0685	261630036	1	2	2	100	2	2	100	2	2	100	
05	MI	0685	261630038	1	2	2	100	2	2	100	1	1	100	
05	MI	0685	261630039	1	2	2	100	2	2	100	2	2	100	
05	MI	W44	260470004	1	2		0	2		0	2		0	
05	MI	All	All Sites				97			97			93	95
05	MN	407	270210001	1	2		0	2		0	2		0	
05	MN	0700	270031002	1	2	2	100	2	2	100	2	2	100	
05	MN	0700	270052013	3							2	2	100	
05	MN	0700	270353204	3							2	2	100	
05	MN	0700	270370470	1	2	2	100	2	2	100	2	2	100	
05	MN	0700	270530909	3							2	4	100	
05	MN	0700	270530962	3							1	1	100	
05	MN	0700	270530963	1	2	2	100	2	2	100	2	2	100	
05	MN	0700	270532006	1	2	2	100	2	2	100	2	2	100	
05	MN	0700	270750005	3							2	2	100	
05	MN	0700	270834210	3	2	2	100	2	2	100	2	2	100	
05	MN	0700	271095008	1							2	2	100	
05	MN	0700	271230868	1	2	2	100	2	2	100	2	2	100	
05	MN	0700	271230871	1	2	2	100	2	2	100	2	2	100	
05	MN	0700	271377001	1	2	2	100	2	2	100				
05	MN	0700	271377001	3							2	2	100	
05	MN	0700	271377550	1	2	2	100	2	2	100	2	2	100	
05	MN	0700	271377551	1	2	2	100							
05	MN	0700	271377554	3				2	2	100	2	2	100	
05	MN	0700	271390505	1	2	2	100	2	2	100	2	2	100	
05	MN	0700	271630447	3				2	2	100	2	2	100	
05	MN	0700	271630448	1				2	2	100	2	2	100	
05	MN	0700	271713201	3							2	2	100	

Metadata					2011			2012			2013			3 Year comp %
Region	State	PQAO	Site ID	POC	2011 Required	2011 Submitted	2011 % Complete	2012 Required	2012 Submitted	2012 % Complete	2013 Required	2013 Submitted	2013 % Complete	
05	MN	All	All Sites				92			93			95	94
05	OH	0012	391330002	1	2	4	100	2	2	100	2	3	100	
05	OH	0012	391530017	1	2	4	100	2	2	100	2	3	100	
05	OH	0012	391530023	1	2	4	100	2	2	100	2	3	100	
05	OH	0151	391510017	1	2	5	100	2	3	100	2	3	100	
05	OH	0151	391510020	1	2	4	100	2	3	100	2	3	100	
05	OH	0220	390950024	1	2	4	100	2	3	100	2	4	100	
05	OH	0220	390950026	1	2	4	100	2	3	100	2	4	100	
05	OH	0220	390950028	1	2	4	100	2	3	100	2	4	100	
05	OH	0229	390350034	1	2	4	100	2	3	100	2	4	100	
05	OH	0229	390350038	1	2	4	100	2	3	100	2	4	100	
05	OH	0229	390350045	1	2	3	100	2	3	100	2	4	100	
05	OH	0229	390350060	1	2	4	100	2	2	100	2	4	100	
05	OH	0229	390350065	1	2	4	100	2	3	100	2	4	100	
05	OH	0229	390351002	1	2	4	100	2	3	100	2	4	100	
05	OH	0287	390230005	1	2	4	100	2	3	100	2	2	100	
05	OH	0287	390570005	1	2	3	100	2	3	100	2	2	100	
05	OH	0287	391130032	1	2	3	100	2	4	100	2	2	100	
05	OH	0287	391351001	1	2	4	100	2	3	100	2	2	100	
05	OH	0595	390850007	1	2	2	100	2		0	2		0	
05	OH	0634	390990005	1	2	4	100	2	3	100	2	3	100	
05	OH	0634	390990014	1	2	4	100	2	2	100	2	3	100	
05	OH	0634	391550005	1	2	4	100	2	2	100	2	3	100	
05	OH	0805	390490024	1	2	3	100	2	3	100	2	4	100	
05	OH	0805	390490025	1	2	3	100	2	3	100	2	4	100	
05	OH	0805	390490081	1	2	3	100	2	3	100	2	4	100	
05	OH	0807	390933002	1	2	4	100	2	2	100	2	3	100	
05	OH	0808	390030009	1	2	3	100	2	4	100	2	3	100	
05	OH	0809	390090003	1	2	2	100	2	4	100	2	4	100	
05	OH	0809	390810017	1	2	3	100	2	3	100	2	3	100	
05	OH	0809	390810021	1							1		0	
05	OH	0809	390811001	1	2	2	100	2	3	100	2	3	100	
05	OH	0880	390870012	1	2	2	100	2	2	100	2	4	100	
05	OH	0880	391450013	1	2	3	100	2	4	100	2	4	100	
05	OH	1259	390170003	1	2	3	100	2	4	100	2	4	100	
05	OH	1259	390170016	1	2	3	100	2	3	100	2	4	100	
05	OH	1259	390170019	1	2	2	100	2	4	100	2	3	100	
05	OH	1259	390170020	1	2	1	50	2	4	100	2	3	100	
05	OH	1259	390250022	1	2	4	100							
05	OH	1259	390610006	1	2	3	100	2	4	100	2	3	100	
05	OH	1259	390610010	1	2	1	50	2	3	100	2	4	100	
05	OH	1259	390610014	1	2	3	100	2	3	100	2	3	100	
05	OH	1259	390610040	1	2	4	100	2	3	100	2	4	100	
05	OH	1259	390610042	1	2	4	100	2	3	100	2	3	100	
05	OH	1259	391650007	1	2	3	100							
05	OH	All	All Sites				98			98			95	97
05	WI	1175	550030010	1	2	10	100	2	1	50	2	2	100	
05	WI	1175	550090005	1	2	12	100	2	5	100	2	3	100	
05	WI	1175	550250041	1	1	4	100	2	5	100	2	3	100	
05	WI	1175	550250041	3	2		0							
05	WI	1175	550250047	1	2	11	100	2	1	50	2	2	100	
05	WI	1175	550270001	1	2	11	100	2	3	100	2	3	100	
05	WI	1175	550350014	1	2	9	100	2	4	100	2	3	100	
05	WI	1175	550350100	1	1	3	100							
05	WI	1175	550410007	1	2	9	100	2	4	100	2	2	100	
05	WI	1175	550430009	1	2	12	100	2	3	100	2	3	100	
05	WI	1175	550590019	1	1	4	100	2	8	100	2	2	100	
05	WI	1175	550630012	1	1	5	100	2	5	100	2	3	100	
05	WI	1175	550630012	3	2		0							
05	WI	1175	550790010	2	2	11	100	2	9	100	2	3	100	
05	WI	1175	550790026	1	2	12	100	2	2	100	2	3	100	
05	WI	1175	550790058	1	2	12	100	2	11	100	2	3	100	
05	WI	1175	550790099	1				2	2	100	2	3	100	
05	WI	1175	550870009	1	2	12	100	2	4	100	2	3	100	
05	WI	1175	550890009	1	2	12	100	2	2	100	2	3	100	
05	WI	1175	551110007	1	2	12	100	2	5	100	2	3	100	
05	WI	1175	551198001	1	2	12	100	2	5	100	2	3	100	
05	WI	1175	551250001	1	2	12	100	2	5	100	2	3	100	
05	WI	1175	551330027	2	2	12	100	2	2	100	2	3	100	
06	AR	All	All Sites				91			95			100	95
06	AR	0055	050010011	1	2	4	100	2	4	100	2	5	100	
06	AR	0055	050030005	1	2	8	100	2	8	100	2	8	100	

Metadata					2011			2012			2013			3 Year comp %
Region	State	PQAO	Site ID	POC	2011 Required	2011 Submitted	2011 % Complete	2012 Required	2012 Submitted	2012 % Complete	2013 Required	2013 Submitted	2013 % Complete	
06	AR	0055	050350005	1	2	4	100	2	4	100	2	4	100	
06	AR	0055	050450002	1	2	4	100	1	2	100				
06	AR	0055	050510003	1	2	8	100	2	8	100	2	8	100	
06	AR	0055	050670001	1	2	4	100	2	4	100	2	4	100	
06	AR	0055	051070001	1	2	4	100	1	2	100				
06	AR	0055	051130002	1	2	4	100	2	4	100	2	4	100	
06	AR	0055	051150003	1	2	4	100	1	2	100				
06	AR	0055	051190007	1	2	4	100	2	4	100	2	4	100	
06	AR	0055	051191004	1	2	9	100	2	8	100	2	7	100	
06	AR	0055	051191008	1	2	4	100	2	4	100	2	5	100	
06	AR	0055	051310008	1	1		0							
06	AR	0055	051390006	1	2	8	100	2	8	100	2	8	100	
06	AR	0055	051430005	1	2	4	100	2	8	100	2	9	100	
06	AR	0055	051450001	1	2	4	100							
06	LA	All	All Sites				94			100			100	98
06	LA	1001	220170008	1	2	2	100	2	2	100	2	2	100	
06	LA	1001	220190009	1	2	2	100	2	2	100	2	2	100	
06	LA	1001	220190010	1	2	2	100	2	2	100	2	2	100	
06	LA	1001	220330009	1	2	2	100	2	2	100	2	2	100	
06	LA	1001	220470005	1	2	2	100	2	2	100	2	2	100	
06	LA	1001	220470009	1	2	2	100	2	2	100	2	2	100	
06	LA	1001	220511001	1	2	2	100	2	2	100	2	2	100	
06	LA	1001	220512001	1	2	2	100	2	2	100	2	2	100	
06	LA	1001	220550006	1	1		0							
06	LA	1001	220550007	1	2	2	100	2	2	100	2	2	100	
06	LA	1001	220730004	1	2	2	100	2	2	100	2	2	100	
06	LA	1001	220790002	1	2	2	100	2	2	100	2	2	100	
06	LA	1001	220870007	1	2	2	100	2	2	100	2	2	100	
06	LA	1001	221050001	1	2	2	100	2	2	100	2	2	100	
06	LA	1001	221090001	1	2	2	100	2	2	100	2	2	100	
06	LA	1001	221210001	1	2	2	100	2	2	100	2	2	100	
06	LA	All	All Sites				94			100			100	98
06	NM	0017	350010023	1	2	4	100	2	4	100	2	4	100	
06	NM	0017	350010024	1	2	4	100	2	4	100	1	3	100	
06	NM	0017	350010029	1							2	2	100	
06	NM	0765	350050005	1	2	1	50							
06	NM	0765	350130017	1	2	4	100	2	3	100	2	3	100	
06	NM	0765	350130025	1	2	2	100	2	2	100	2	2	100	
06	NM	0765	350171002	1	2	1	50							
06	NM	0765	350250008	1	2	2	100	2	2	100	2	2	100	
06	NM	0765	350450019	1	2	2	100	2	2	100	2	2	100	
06	NM	0765	350490020	1	2	2	100	2	2	100	2	2	100	
06	NM	All	All Sites				89			100			100	96
06	OK	0055	401359021	1	2	4	100	2	4	100	2	6	100	
06	OK	807	400159008	1	2	2	100							
06	OK	0812	400270049	3							2	1	50	
06	OK	0812	400310651	3							2	1	50	
06	OK	0812	400710604	3				2	2	100	2	2	100	
06	OK	0812	400850300	1							2	2	100	
06	OK	0812	400970186	1										
06	OK	0812	401010169	1										
06	OK	0812	401090035	1	2	2	100	2	2	100	2	2	100	
06	OK	0812	401091037	1	2	2	100	2	2	100	2	2	100	
06	OK	0812	401210415	1	2	2	100	2	2	100	2	2	100	
06	OK	0812	401430174	3							2	1	50	
06	OK	0812	401431127	1	2	4	100	2	4	100	2	4	100	
06	OK	927	400719030	1				1		0	2		0	
06	OK	All	All Sites				100			86			77	85
06	TX	1035	480290032	1	2	4	100	2	5	100	2	3	100	
06	TX	1035	480290059	1	2	4	100	2	4	100	2	3	100	
06	TX	1035	480370004	1	2	5	100	2	5	100	2	4	100	
06	TX	1035	480612004	5	2	5	100	2	5	100	1	3	100	
06	TX	1035	481130050	5	2	5	100	2	5	100	2	3	100	
06	TX	1035	481130069	1	2	5	100	2	5	100	2	4	100	
06	TX	1035	481390016	5	2	5	100	2	5	100	2	5	100	
06	TX	1035	481410037	1	2	5	100	2	5	100	2	4	100	
06	TX	1035	481410044	1	2	5	100	2	5	100	2	3	100	
06	TX	1035	481671034	1							2	4	100	
06	TX	1035	482010024	5	2	5	100	2	5	100	2	4	100	
06	TX	1035	482010058	1	2	5	100	2	4	100	2	4	100	
06	TX	1035	482011035	1	2	5	100	2	5	100	2	4	100	
06	TX	1035	482011039	4	2	4	100	2	4	100	2	1	50	

Metadata					2011			2012			2013			3 Year comp %
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06	TX	1035	482011039	8							1	2	100	
06	TX	1035	482030002	1	2	6	100	2	5	100	2	4	100	
06	TX	1035	482150043	1	2	5	100	2	5	100	2	4	100	
06	TX	1035	483550032	1	2	5	100	2	4	100	2	5	100	
06	TX	1035	483550034	5	2	5	100	2	4	100	2	5	100	
06	TX	1035	484391002	1	2	5	100	2	5	100	2	4	100	
06	TX	1035	484391006	1	2	5	100	2	5	100	2	4	100	
06	TX	1035	484530020	5	2	5	100	2	3	100	2	4	100	
06	TX	1035	484530021	2	2	5	100	2	4	100	2	4	100	
06	TX	All	All Sites				100			100			98	99
07	IA	0613	191130037	1	2	4	100							
07	IA	0613	191130040	1	2	4	100	2	4	100	2	4	100	
07	IA	0874	191530030	1	2	4	100	2	4	100	2	4	100	
07	IA	0874	191532510	1	2	4	100	2	4	100	2	4	100	
07	IA	1080	190130008	1	2	4	100							
07	IA	1080	190130009	1	2	4	100	2	4	100	2	4	100	
07	IA	1080	190450019	1	2	4	100	2	4	100	2	4	100	
07	IA	1080	190450021	1	2	4	100	2	4	100	2	5	100	
07	IA	1080	190550001	1	2	4	100	2	4	100	2	4	100	
07	IA	1080	191032001	1	2	4	100	2	4	100	2	4	100	
07	IA	1080	191110008	1	2	4	100	2	4	100	2	4	100	
07	IA	1080	191370002	1	2	4	100	2	4	100	2	4	100	
07	IA	1080	191390015	1	2	4	100	2	4	100	2	4	100	
07	IA	1080	191390016	1	2	4	100	2	4	100	2	4	100	
07	IA	1080	191390018	1	2	4	100	2	4	100	2	4	100	
07	IA	1080	191390020	1	2	4	100	2	4	100	2	4	100	
07	IA	1080	191471002	1	2	4	100	2	4	100	2	4	100	
07	IA	1080	191550009	1	2	4	100	2	4	100	2	4	100	
07	IA	1080	191630015	1	2	4	100	2	4	100	2	4	100	
07	IA	1080	191630018	1	2	4	100	2	4	100	2	4	100	
07	IA	1080	191630019	1	2	4	100	2	4	100	2	4	100	
07	IA	1080	191630020	1	2	4	100	2	4	100	2	4	100	
07	IA	1080	191710007	1	2	3	100							
07	IA	1080	191770006	1	2	4	100	2	4	100	2	4	100	
07	IA	1080	191930019	1	2	4	100	2	4	100	2	4	100	
07	IA	All	All Sites				100			100			100	100
07	KS	0563	200910007	1	2	4	100	2	4	100	2	4	100	
07	KS	0563	200910010	1	2	4	100	2	4	100	2	4	100	
07	KS	0563	201070002	1	2	3	100	2	5	100	2	4	100	
07	KS	0563	201730008	1	2	4	100	2	4	100	1		0	
07	KS	0563	201730009	1	2	4	100	2	4	100	2	4	100	
07	KS	0563	201730010	1	2	4	100	2	4	100	2	4	100	
07	KS	0563	201731012	1							2	4	100	
07	KS	0563	201770013	1	2	3	100	2	5	100	2	4	100	
07	KS	0563	201910002	1	2	4	100	2	4	100	2	4	100	
07	KS	0563	202090021	1	2	4	100	2	4	100	2	4	100	
07	KS	0563	202090022	1	2	4	100	2	3	100				
07	KS	All	All Sites				100			100			90	97
07	MO	0588	290210005	3	1		0							
07	MO	0588	290210005	4	2	1	50	2	2	100	2	2	100	
07	MO	0588	290370003	3	2	2	100	2	1	50				
07	MO	0588	290370003	4				1	1	100	2	2	100	
07	MO	0588	290390001	3	2	2	100	2	2	100				
07	MO	0588	290470005	3	2	2	100	1	1	100				
07	MO	0588	290770032	1	2	2	100							
07	MO	0588	290950034	3	2	2	100	2	2	100	1		0	
07	MO	0588	290950034	4							2	2	100	
07	MO	0588	290950042	4							2	1	50	
07	MO	0588	290990019	3	2	2	100							
07	MO	0588	291893001	3	2	2	100	2	2	100				
07	MO	0588	291893001	4							2	2	100	
07	MO	0588	295100007	1	2	2	100							
07	MO	0588	295100085	1	2	2	100	2	2	100	2	2	100	
07	MO	0588	295100093	1	1		0							
07	MO	0588	295100093	4	2	1	50	2	2	100	2	2	100	
07	MO	0588	295100094	4							2	2	100	
07	MO	All	All Sites				77			94			83	84
07	NE	0752	310790004	1	2	2	100	2	3	100	2	2	100	
07	NE	0752	311090022	1	2	2	100	2	3	100	2	3	100	
07	NE	0752	311570004	1	2	2	100	2	3	100	2	2	100	
07	NE	0816	310550019	1	2	2	100	2	2	100	2	2	100	
07	NE	0816	310550052	1	2	2	100	2	2	100	2	2	100	

Metadata					2011			2012			2013			3 Year comp %
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07	NE	0816	311530007	3	2	2	100	2	2	100	2	2	100	
07	NE	0816	311770002	1	2	2	100	2	2	100	2	2	100	
07	NE	All	All Sites				100			100			100	100
08	CO	0240	080010006	1	2	4	100	2	4	100	2	4	100	
08	CO	0240	080050005	1	2	4	100	2	4	100	2	3	100	
08	CO	0240	080130003	1	2	4	100	2	4	100	2	4	100	
08	CO	0240	080130012	1	2	4	100	2	4	100	2	4	100	
08	CO	0240	080310002	1	2	4	100	2	4	100	2	4	100	
08	CO	0240	080310023	1	2	4	100	2	4	100				
08	CO	0240	080310025	1	2	5	100	2	3	100				
08	CO	0240	080310026	1				1	1	100	2	5	100	
08	CO	0240	080350004	1	2	4	100	2	4	100	2	4	100	
08	CO	0240	080350005	1							1	1	100	
08	CO	0240	080390001	1	1	1	100							
08	CO	0240	080410017	1	2	4	100	2	4	100	2	4	100	
08	CO	0240	080690009	1	2	4	100	2	4	100	2	4	100	
08	CO	0240	080770017	1	2	4	100	2	4	100	2	4	100	
08	CO	0240	080830006	1	2	1	50	2	2	100	2	2	100	
08	CO	0240	081010015	1	2	4	100	2	5	100	2	4	100	
08	CO	0240	081230006	1	2	4	100	2	4	100	2	4	100	
08	CO	0240	081230008	1	2	4	100	2	4	100	2	4	100	
08	CO	0745	081030006	1	2		0	2		0	2		0	
08	CO	750	080677001	1	2	4	100	2	4	100	2	4	100	
08	CO	750	080677003	1	2	4	100	2	4	100	2	4	100	
08	CO	All	All Sites				92			95			94	94
08	MT	0730	300270006	3				1	1	100	2	2	100	
08	MT	0730	300290007	1	2	2	100							
08	MT	0730	300290049	3	1	1	100	2	2	100	2	2	100	
08	MT	0730	300310008	1	1	1	100							
08	MT	0730	300310016	3	1	1	100							
08	MT	0730	300310018	1	1	1	100							
08	MT	0730	300490004	3	2	3	100	2	2	100	2	2	100	
08	MT	0730	300490026	3	2	2	100	2	2	100	2	2	100	
08	MT	0730	300530018	1	2	2	100							
08	MT	0730	300630024	3	2	2	100	2	2	100	2	2	100	
08	MT	0730	300630031	1	2	2	100							
08	MT	0730	300630037	3	2	2	100	2	1	50	2	2	100	
08	MT	0730	300710010	3				1	1	100	2	2	100	
08	MT	0730	300750001	3	2	4	100	2	2	100	2	2	100	
08	MT	0730	300830001	3	2	2	100	2	1	50	2	2	100	
08	MT	0730	300870001	3	2	4	100	2	2	100	2	2	100	
08	MT	0730	300890007	1	1	1	100							
08	MT	0730	300930005	3	2	2	100	2	2	100	2	2	100	
08	MT	All	All Sites				100			91			100	97
08	ND	301	380571113	1	2		0	2		0	2		0	
08	ND	301	380610115	1	2		0	2		0	2		0	
08	ND	0782	380070002	1	2	4	100	2	3	100	2	4	100	
08	ND	0782	380130004	3	2	1	50	2	4	100	2	3	100	
08	ND	0782	380150003	1	2	3	100	2	4	100	2	4	100	
08	ND	0782	380171004	1	2	4	100	2	3	100	2	3	100	
08	ND	0782	380250003	3	1	1	100	2	4	100	2	6	100	
08	ND	0782	380530002	3	2	3	100	2	4	100	2	4	100	
08	ND	0782	380570004	1	2	4	100	2	4	100	2	4	100	
08	ND	0782	380650002	3	1		0	2	4	100	2	4	100	
08	ND	0782	381050003	3							2	5	100	
08	ND	All	All Sites				65			80			82	76
08	SD	0973	460110002	1	2	8	100	2	7	100	2	8	100	
08	SD	0973	460130003	1	2	8	100	2	8	100	2	8	100	
08	SD	0973	460290002	1	2	8	100							
08	SD	0973	460290002	3				2	4	100	2	4	100	
08	SD	0973	460330132	3	2	4	100	2	4	100	2	4	100	
08	SD	0973	460710001	3	2	4	100	2	4	100	2	4	100	
08	SD	0973	460990006	1	2	9	100	2	12	100	2	10	100	
08	SD	0973	460990008	3	2	4	100	2	4	100	2	4	100	
08	SD	0973	461030020	3	2	4	100	2	4	100	2	4	100	
08	SD	0973	461031001	1	2	11	100	2	10	100	2	8	100	
08	SD	0973	461270001	3	2	4	100	2	4	100	2	4	100	
08	SD	0973	461270002	1	2	6	100							
08	SD	0973	461270002	3				2	4	100	2	4	100	
08	SD	All	All Sites				100			100			100	100
08	UT	687	490137011	1	2		0							
08	UT	0745	490530130	1	2		0	2		0	2		0	

Metadata					2011			2012			2013			3 Year comp %
Region	State	PQAO	Site ID	POC	2011 Required	2011 Submitted	2011 % Complete	2012 Required	2012 Submitted	2012 % Complete	2013 Required	2013 Submitted	2013 % Complete	
08	UT	1113	490030003	1	2	11	100	2	12	100	2	12	100	
08	UT	1113	490050004	1	2	12	100	2	12	100	2	12	100	
08	UT	1113	490110004	1	2	12	100	2	12	100	2	12	100	
08	UT	1113	490350003	1	2	9	100							
08	UT	1113	490351001	1	2	12	100	2	12	100	2	12	100	
08	UT	1113	490353006	1	2	12	100	2	12	100	2	12	100	
08	UT	1113	490353010	1	2	12	100	2	12	100	2	12	100	
08	UT	1113	490450003	1	2	12	100	2	12	100	2	12	100	
08	UT	1113	490490002	1	2	12	100	2	12	100	2	12	100	
08	UT	1113	490494001	1	2	12	100	2	12	100	2	12	100	
08	UT	1113	490495008	1	1		0							
08	UT	1113	490495010	1	2	12	100	2	12	100	2	12	100	
08	UT	1113	490570002	1	2	12	100	2	12	100	2	12	100	
08	UT	1113	490571003	1	2	12	100	2	12	100	2	12	100	
08	UT	1387	490475632	1				2		0	2		0	
08	UT	All	All Sites				81			86			86	84
08	WY	1188	560010006	1	2	2	100	2	2	100	2	2	100	
08	WY	1188	560050800	1	1	1	100	2	2	100				
08	WY	1188	560050892	3	2	2	100	2		0	2	1	50	
08	WY	1188	560071000	1										
08	WY	1188	560090801	1							2	2	100	
08	WY	1188	560130900	1	2	4	100	1	2	100				
08	WY	1188	560131003	1	2	2	100	2	2	100	2	2	100	
08	WY	1188	560210001	1	2	2	100	2	2	100	2	2	100	
08	WY	1188	560210100	1	2	2	100	1	1	100				
08	WY	1188	560210100	3				2	1	50	2	3	100	
08	WY	1188	560250001	1	2	2	100	2	2	100	2	2	100	
08	WY	1188	560290001	1	2	2	100	2	2	100	2	2	100	
08	WY	1188	560330002	1	2	2	100	2	2	100	2	2	100	
08	WY	1188	560330003	1	2	2	100	1	1	100				
08	WY	1188	560331003	1				2	1	50	2	2	100	
08	WY	1188	560350097	1	2	4	100	2	4	100	2	3	100	
08	WY	1188	560350101	1				2	3	100	2	4	100	
08	WY	1188	560350700	1	2	3	100	2	4	100	2	4	100	
08	WY	1188	560350705	1	2	2	100	1	1	100				
08	WY	1188	560370007	1	2	2	100	2	2	100	2	2	100	
08	WY	1188	560370100	1							2	2	100	
08	WY	1188	560391006	1	2	2	100	2	2	100	2	2	100	
08	WY	1372	560130232	1							2		0	
08	WY	1390	560370870	2	1		0	2		0				
08	WY	All	All Sites				94			85			91	90
09	AZ	0053	040031005	1	2	2	100	2	2	100	1	2	100	
09	AZ	0053	040031005	3							2	1	50	
09	AZ	0053	040051008	1	2	2	100	2	2	100	2	2	100	
09	AZ	0053	040139997	1	2	3	100	2	2	100	2	2	100	
09	AZ	0053	040230004	1	2	2	100	2	2	100	1	1	100	
09	AZ	0053	040230004	3							2	1	50	
09	AZ	0053	040252002	1	2	2	100	2	2	100	2	2	100	
09	AZ	0053	040278011	1	2	2	100	2	2	100	1	2	100	
09	AZ	0053	040278011	3							2	1	50	
09	AZ	615	040137020	1	2	4	100	2	3	100	2	4	100	
09	AZ	0643	040130019	1	2	2	100	2	2	100	2	1	50	
09	AZ	0643	040131003	1	2	2	100	1		0				
09	AZ	0643	040131003	3				1	1	100	2	5	100	
09	AZ	0643	040131004	3	1		0	2	2	100	2	5	100	
09	AZ	0643	040132001	3	2	1	50	2	2	100	2	4	100	
09	AZ	0643	040134003	3	2	3	100	2	2	100	2	4	100	
09	AZ	0643	040134005	3				2	4	100	2	3	100	
09	AZ	0643	040139812	3	2	2	100	2	3	100	2	4	100	
09	AZ	0864	040190011	1	2	4	100	2	4	100	2	4	100	
09	AZ	0864	040191028	1	2	4	100	2	4	100	2	4	100	
09	AZ	0865	040210001	1	2	2	100	2	2	100	2	2	100	
09	AZ	0865	040213002	1	2	2	100	2	2	100	2	2	100	
09	AZ	0865	040213013	1	2	2	100	2	2	100	2	2	100	
09	AZ	All	All Sites				92			95			91	93
09	CA	0086	060010007	1	1	1	100							
09	CA	0086	060010007	3	2	1	50	2	2	100	2	3	100	
09	CA	0086	060010009	3	2	2	100	2	3	100	2	2	100	
09	CA	0086	060010011	3							2	2	100	
09	CA	0086	060130002	1	2	3	100	2	2	100				
09	CA	0086	060131004	3							2	2	100	
09	CA	0086	060410001	3	2	2	100	2	3	100	2	2	100	

Metadata					2011			2012			2013			3 Year comp %
Region	State	PQAO	Site ID	POC	2011 Required	2011 Submitted	2011 % Complete	2012 Required	2012 Submitted	2012 % Complete	2013 Required	2013 Submitted	2013 % Complete	
09	CA	0086	060550003	3							2	3	100	
09	CA	0086	060750005	3	2	2	100	2	2	100	2	3	100	
09	CA	0086	060811001	3	2	2	100	2	2	100	2	3	100	
09	CA	0086	060850002	3	2	2	100	2	3	100	2	3	100	
09	CA	0086	60850005	1	2	3	100	2	2	100	2	2	100	
09	CA	0086	060950004	1	1	1	100							
09	CA	0086	060950004	3	2	2	100	2	3	100	2	2	100	
09	CA	0086	060970003	3	2	2	100	2	2	100	2	2	100	
09	CA	0145	060070002	1	2	2	100	2	1	50				
09	CA	0145	060070008	1				2	1	50	2	2	100	
09	CA	0145	060090001	3	2	2	100	2	2	100	2	2	100	
09	CA	0145	060111002	1	2	2	100	2	2	100	2	2	100	
09	CA	0145	060190008	1	2	2	100	1		0				
09	CA	0145	060190011	1				2	2	100	2	2	100	
09	CA	0145	060192009	3	2	2	100	2	2	100	2	2	100	
09	CA	0145	060195001	1				1	1	100	2	2	100	
09	CA	0145	060195001	3	2	1	50	2	1	50				
09	CA	0145	060195025	1	2	2	100	2	2	100	2	2	100	
09	CA	0145	060231002	1	2	2	100	2	6	100	2	2	100	
09	CA	0145	060231004	1	2	2	100	2	6	100	1		0	
09	CA	0145	060231005	1	2		0	2		0	2		0	
09	CA	0145	060250005	1	2	2	100	2	3	100	2	2	100	
09	CA	0145	060250007	1	2	2	100	2	3	100	2	3	100	
09	CA	0145	060251003	1	2	2	100	2	2	100	2	3	100	
09	CA	0145	060271003	1	2	2	100	2	5	100	2	5	100	
09	CA	0145	060290011	3				2	1	50	2	3	100	
09	CA	0145	060290014	1	2		0	2	2	100	2	2	100	
09	CA	0145	060290016	1	2	2	100	2	2	100	2	2	100	
09	CA	0145	060292012	1				1	1	100				
09	CA	0145	060310004	1				1	1	100	2	2	100	
09	CA	0145	060310004	3	2	1	50							
09	CA	0145	060311004	3	2	2	100	2	2	100	2	2	100	
09	CA	0145	060333001	1	2	2	100	2	2	100	2	2	100	
09	CA	0145	060379033	1	2	2	100	2	2	100	2	2	100	
09	CA	0145	060392010	3	2	2	100	2	2	100	2	2	100	
09	CA	0145	060450006	3	2	2	100	2	2	100	2	2	100	
09	CA	0145	060452002	3	2	2	100	2	2	100	2	2	100	
09	CA	0145	060470003	3	2	2	100	2	1	50	2	2	100	
09	CA	0145	060472510	1	2	2	100	2	2	100	2	2	100	
09	CA	0145	060530002	3				2	2	100	2	2	100	
09	CA	0145	060530008	3				2	2	100	2	2	100	
09	CA	0145	060531003	3	2	2	100	2	2	100	2	2	100	
09	CA	0145	060570005	1	2	2	100	2	2	100	2	2	100	
09	CA	0145	060571001	1	2	2	100	2	2	100	2	2	100	
09	CA	0145	060610003	1				2	8	100	2	43	100	
09	CA	0145	060610006	1	2	2	100	2	2	100	2	2	100	
09	CA	0145	060631006	1	2	2	100	2	2	100	2	2	100	
09	CA	0145	060631009	1	2	2	100	2	2	100	1	1	100	
09	CA	0145	060631010	1							2	1	50	
09	CA	0145	060670006	1	2	2	100	2	2	100	2	2	100	
09	CA	0145	060670010	1	2	2	100	2	2	100	2	2	100	
09	CA	0145	060674001	1	2	2	100	2	2	100	2	2	100	
09	CA	0145	060690002	3	2	2	100	2	2	100	2	2	100	
09	CA	0145	060710306	1	2	1	50	2	2	100	2	2	100	
09	CA	0145	060771002	3	2	2	100	2	2	100	2	2	100	
09	CA	0145	060772010	3	2	1	50	2	2	100	2	2	100	
09	CA	0145	060792004	1	2	1	50	2	2	100	2	2	100	
09	CA	0145	060792006	1	1	1	100							
09	CA	0145	060792007	1	2	1	50	2	2	100	2	2	100	
09	CA	0145	060798001	3	2	2	100	2	2	100	2	2	100	
09	CA	0145	060830011	3	2	2	100	2	2	100	2	2	100	
09	CA	0145	060831008	3	2	2	100	2	2	100	2	2	100	
09	CA	0145	060870007	3	2	2	100	2	2	100	2	2	100	
09	CA	0145	060890004	1	2	2	100	2	2	100	2	2	100	
09	CA	0145	060932001	1	2	2	100	2	2	100	2	2	100	
09	CA	0145	060990005	3	2	2	100	2	2	100	2	2	100	
09	CA	0145	060990006	3	2	2	100	2	2	100	2	2	100	
09	CA	0145	061010003	1	2	2	100	2	2	100	2	2	100	
09	CA	0145	061030006	3	2	1	50	2	2	100	2	3	100	
09	CA	0145	061050002	1	1		0	2		0	2		0	
09	CA	0145	061072002	1	2	2	100	2	2	100	2	2	100	
09	CA	0145	061110007	1	2	2	100	2	2	100	2	2	100	

Metadata					2011			2012			2013			3 Year comp %
Region	State	PQAO	Site ID	POC	2011 Required	2011 Submitted	2011 % Complete	2012 Required	2012 Submitted	2012 % Complete	2013 Required	2013 Submitted	2013 % Complete	
09	CA	0145	061110009	1	2	2	100	1		0				
09	CA	0145	061110009	3				2	2	100	2	2	100	
09	CA	0145	061111004	3	1		0	2	2	100	2	2	100	
09	CA	0145	061112002	1	2	2	100	2	2	100	2	2	100	
09	CA	0145	061113001	1	2	2	100	2	2	100	2	2	100	
09	CA	0145	061131003	1	2	2	100	2	2	100	2	2	100	
09	CA	586	060650009	1	2	1	50	2	1	50	2		0	
09	CA	0942	060250007	1	2	2	100	2	3	100	2	3	100	
09	CA	0942	060251003	1	2	2	100	2	2	100	2	3	100	
09	CA	0942	060290011	1	2	1	50	1	1	100				
09	CA	0942	060290015	1	2	2	100	2	3	100	2	2	100	
09	CA	0942	060730001	1	2	1	50	2	5	100	2	4	100	
09	CA	0942	060730003	1	2	1	50	2	5	100	2	5	100	
09	CA	0942	060730006	1	2	1	50	1		0				
09	CA	0942	060731002	1	2	1	50	2	5	100	2	5	100	
09	CA	0942	060731006	1				2	3	100	2	5	100	
09	CA	0942	060731008	3	1		0	2	5	100	2	5	100	
09	CA	0942	060731010	1	2	1	50	2	5	100	2	5	100	
09	CA	0942	060731016	1				2	5	100	2	4	100	
09	CA	0972	060370002	1	2	3	100	2	2	100	2	2	100	
09	CA	0972	060371002	1	2	2	100	2	2	100	2	2	100	
09	CA	0972	060371103	1	2	1	50	2	2	100	2	3	100	
09	CA	0972	060371201	1	2	3	100	2	2	100	2	2	100	
09	CA	0972	060371302	1	2	2	100	2		0	2	3	100	
09	CA	0972	060371602	1	2	3	100	2	2	100	2	2	100	
09	CA	0972	060372005	1	2	3	100	2	1	50	2	1	50	
09	CA	0972	060374002	1	2	3	100	2	2	100	2	2	100	
09	CA	0972	060374004	1	2	2	100	2	2	100	2	2	100	
09	CA	0972	060590007	1	2	2	100	2	2	100	2	3	100	
09	CA	0972	060592022	1	2	2	100	2	2	100	2	2	100	
09	CA	0972	060651003	1	2	2	100	2	3	100	2	2	100	
09	CA	0972	060652002	1	2	3	100	2	3	100	2	2	100	
09	CA	0972	060655001	1	2	2	100	2	2	100	2	3	100	
09	CA	0972	060658001	1	2	2	100	2	2	100	2	3	100	
09	CA	0972	060658005	1	2		0	2	2	100	2	3	100	
09	CA	0972	060710025	1	2	2	100	2	3	100	2	2	100	
09	CA	0972	060712002	1	2	2	100	2	2	100	2	2	100	
09	CA	0972	060718001	1	2	3	100	2	2	100	2	2	100	
09	CA	0972	060719004	1	2	2	100	2	3	100	2	2	100	
09	CA	All	All Sites				86			91			95	91
09	HI	0481	150011006	1	2	2	100	2	2	100	2	2	100	
09	HI	0481	150011012	1	2	2	100	2	2	100	2	2	100	
09	HI	0481	150012016	1	2	1	50	2	2	100	2	2	100	
09	HI	0481	150012020	1	2	1	50	2	2	100	2	2	100	
09	HI	0481	150012021	1				2	1	50	2	2	100	
09	HI	0481	150012023	1	2	1	50	2	2	100	2	2	100	
09	HI	0481	150030010	1	2	2	100	2	2	100	2	2	100	
09	HI	0481	150031001	3	2	2	100	2	2	100	2	2	100	
09	HI	0481	150031004	2	2	2	100	2	2	100	2	2	100	
09	HI	0481	150032004	4	2	2	100	2	2	100	2	2	100	
09	HI	0481	150070007	1	2	1	50	2	2	100	2	2	100	
09	HI	0481	150090006	2	2	1	50	2	2	100	2	2	100	
09	HI	0481	150090024	1							2	2	100	
09	HI	All	All Sites				77			96			100	92
09	NV	0226	320030298	3							1	1	100	
09	NV	0226	320030540	1	2	4	100	2	4	100	2	5	100	
09	NV	0226	320030561	1	2	4	100	2	3	100	2	6	100	
09	NV	0226	320031019	1	2	4	100	2	4	100	2	4	100	
09	NV	0226	320032002	3							2	2	100	
09	NV	0757	320050007	1							2	1	50	
09	NV	0757	325100020	1							2	1	50	
09	NV	1138	320310016	3	2	4	100	2	4	100	2	4	100	
09	NV	1138	320310022	1							2	4	100	
09	NV	1138	320311005	1				2	4	100	2	4	100	
09	NV	All	All Sites				100			100			90	95
10	AK	0015	020200018	1	1	2	100							
10	AK	0015	020200052	3	2	4	100	2	3	100				
10	AK	0015	020201004	3	2	4	100	2	4	100	2	4	100	
10	AK	0015	020900010	1	2	3	100	2	4	100	2	2	100	
10	AK	0015	020900033	1	2	2	100	2	2	100	1	1	100	
10	AK	0015	020900034	1	2		0	2	3	100	2	2	100	
10	AK	0015	020900035	1				2	3	100	1	2	100	

Metadata					2011			2012			2013			3 Year comp %
Region	State	PQAO	Site ID	POC	2011 Required	2011 Submitted	2011 % Complete	2012 Required	2012 Submitted	2012 % Complete	2013 Required	2013 Submitted	2013 % Complete	
10	AK	0015	021100004	3	2	3	100	2	3	100	2	3	100	
10	AK	0015	021220008	3	1		0	2		0	2	1	50	
10	AK	0015	021700008	1	2	3	100							
10	AK	0015	021700008	3	1	2	100	2	3	100	2	3	100	
10	AK	0015	021700012	3	2	3	100	2	3	100	2	3	100	
10	AK	0015	021700013	1	2	5	100	2	2	100				
10	AK	All	All Sites				83			91			94	89
10	ID	0511	160010010	1	2	2	100	2	2	100	2	2	100	
10	ID	0511	160090010	1	2	2	100	2	2	100	2	2	100	
10	ID	0511	160270002	1	2	2	100	2	2	100	2	2	100	
10	ID	0511	160410001	1	2	2	100	2	2	100	2	2	100	
10	ID	0511	160590004	3	2	2	100	2	2	100	2	2	100	
10	ID	0511	160790017	4	2	2	100	2	2	100	2	2	100	
10	ID	All	All Sites				100			100			100	100
10	OR	0821	410130100	1	2	2	100	2	2	100	2	2	100	
10	OR	0821	410250003	1	2	2	100	2	2	100	2	2	100	
10	OR	0821	410290133	1	2	2	100	2	2	100	2	2	100	
10	OR	0821	410330114	1	2	2	100	2	2	100	2	2	100	
10	OR	0821	410350004	1	2	2	100	2	2	100	2	2	100	
10	OR	0821	410370001	1	2	2	100	2	2	100	2	2	100	
10	OR	0821	410390058	1	1	1	100							
10	OR	0821	410390059	1	2	1	50	2	2	100	2	2	100	
10	OR	0821	410390060	1	2	2	100	2	2	100	2	2	100	
10	OR	0821	410391009	1	2	2	100	2	2	100	2	2	100	
10	OR	0821	410392013	1	2	2	100	2	2	100	2	2	100	
10	OR	0821	410399004	1	2	2	100	2	2	100	2	2	100	
10	OR	0821	410432002	1	2	2	100	1	1	100				
10	OR	0821	410510080	1	2	2	100	2	3	100	2	2	100	
10	OR	0821	410590121	1	2	2	100	2	2	100	2	2	100	
10	OR	0821	410670004	1	2	2	100	2	2	100	2	2	100	
10	OR	All	All Sites				97			100			100	99
10	WA	1136	530070011	3							2	2	100	
10	WA	1136	530110013	1	2	1	50	2	3	100	1	1	100	
10	WA	1136	530110013	3							1	1	100	
10	WA	1136	530110023	3							1		0	
10	WA	1136	530330057	3	2	2	100	2	2	100	2	2	100	
10	WA	1136	530330080	1	2	2	100	2	2	100	2	2	100	
10	WA	1136	530332004	3	2	2	100	2	2	100	2	2	100	
10	WA	1136	530470013	1	1	1	100							
10	WA	1136	530530029	1	2	3	100	2	2	100	2	2	100	
10	WA	1136	530610005	3	2	2	100	2	2	100	2	2	100	
10	WA	1136	530610020	1	2	2	100	1		0				
10	WA	1136	530610020	3				2	2	100	2	2	100	
10	WA	1136	530611007	1	2	2	100	1	1	100				
10	WA	1136	530611007	3				2	1	50	2	2	100	
10	WA	1136	530630021	1	2	2	100	2	2	100	2	3	100	
10	WA	1136	530670013	1							1	1	100	
10	WA	1136	530730015	3				1		0	2	2	100	
10	WA	1136	530770009	1	2	2	100	2	2	100	2	2	100	
10	WA	All	All Sites				95			81			93	90

Attachment 4b. PM2.5 Flow Rate Completeness, 2011–2013, Non-Primary Sites.

Region	State	PQAO	Site ID	POC	2011 Required	2011 Submitted	2011 % Complete	2012 Required	2012 Submitted	2012 % Complete	2013 Required	2013 Submitted	2013 % Complete	3 Year comp %
01	CT	0251	090090027	2	2	2	100	2	2	100	2	2	100	
01	CT	0251	090092123	2	2	2	100	2	2	100	2	2	100	
01	CT	All	All Sites				100			100			100	100
01	MA	0660	250130008	2	2	2	100	2	2	100	2	2	100	
01	MA	0660	250230004	2	2	2	100	2	2	100	2	2	100	
01	MA	0660	250250043	2	2	2	100	2	2	100	2	2	100	
01	MA	All	All Sites				100			100			100	100
01	ME	0635	230010011	4							1		0	
01	ME	0635	230050029	2	2	3	100	2	4	100	2	3	100	
01	ME	0635	230050029	3							2	2	100	
01	ME	0635	230090103	2							1		0	
01	ME	0635	230110016	2	2	3	100	2	4	100	2	4	100	
01	ME	0635	230190002	2							2	3	100	
01	ME	All	All Sites				100			100			67	80
01	NH	0762	330050007	1	2	4	100	2	5	100	2	4	100	
01	NH	0762	330090010	1	2	4	100	2	5	100	2	4	100	
01	NH	0762	330115001	1	2	4	100	2	4	100	2	4	100	
01	NH	0762	330131006	2	2	4	100	2	4	100	2	4	100	
01	NH	0762	330131006	4							2	2	100	
01	NH	0762	330150014	1	2	4	100	2	4	100	2	4	100	
01	NH	0762	330150014	3							1		0	
01	NH	0762	330150014	6	2		0	2		0	2	1	50	
01	NH	0762	330150018	1	2	4	100	2	4	100	2	4	100	
01	NH	0762	330150018	4							2	2	100	
01	NH	All	All Sites				86			86			85	85
01	RI	0907	440030002	2	2	2	100	2	2	100	2	2	100	
01	RI	0907	440070022	2	2	2	100	2	2	100	2	2	100	
01	RI	0907	440070022	3				1	1	100	2	2	100	
01	RI	0907	440071010	3	2		0	2	1	50	2	2	100	
01	RI	All	All Sites				67			88			100	86
01	VT	1119	500070012	2	2	3	100	2	4	100	2	2	100	
01	VT	1119	500210002	2							2	3	100	
01	VT	All	All Sites				100			100			100	100
02	NJ	0764	340171003	2	2	3	100	2	3	100	2	4	100	
02	NJ	0764	340390004	2	2	3	100	2	4	100	2	4	100	
02	NJ	0764	340390004	3	2	2	100	2	4	100	1	2	100	
02	NJ	All	All Sites				100			100			100	100
02	NY	0768	360010005	2	2	11	100	2	13	100	2	13	100	
02	NY	0768	360610079	2	2	13	100	2	14	100	2	15	100	
02	NY	All	All Sites				100			100			100	100
02	PR	0889	720610005	2	2	3	100	2	2	100	2	2	100	
02	PR	0889	721270003	2	1	1	100	1	1	100				
02	PR	All	All Sites				100			100			100	100
02	VI	1124	780100012	2	2		0	2		0	2		0	
02	VI	All	All Sites				0			0			0	0
03	DC	0350	110010041	2	2	4	100							
03	DC	0350	110010043	2				2	4	100	2	4	100	
03	DC	0350	110010043	4	2	4	100	2	4	100	2	3	100	
03	DC	All	All Sites				100			100			100	100
03	DE	0294	100032004	2	2	3	100	2	2	100	2	2	100	
03	DE	All	All Sites				100			100			100	100
03	MD	1002	240051007	2	2	3	100	2	2	100	2	2	100	
03	MD	1002	240251001	3										
03	MD	1002	240330030	2	2	2	100	2	2	100	2	2	100	
03	MD	1002	240330030	3	2	4	100	2	5	100	2	3	100	
03	MD	1002	240338003	2	2	2	100	2	2	100	2	2	100	
03	MD	1002	245100040	3	2	3	100	2	2	100	2	3	100	
03	MD	All	All Sites				100			100			100	100
03	PA	0021	420030008	2	2	12	100	2	12	100	2	12	100	
03	PA	0021	420030064	2	2	9	100	2	12	100	2	12	100	
03	PA	0851	420070014	3	2	2	100	2	2	100	2	2	100	
03	PA	0851	420110011	3	2	2	100	2	2	100	2	2	100	
03	PA	0851	420170012	3	2	2	100	2	2	100	2	2	100	
03	PA	0851	420270100	3	2	2	100	2	2	100	2	2	100	
03	PA	0851	420290100	3				1		0	2	2	100	
03	PA	0851	420410101	3	2	2	100	2	2	100	2	2	100	
03	PA	0851	420430401	3							2	2	100	
03	PA	0851	420450002	2	2	2	100	2	2	100	2	2	100	
03	PA	0851	420710007	2	2	2	100	2	2	100	2	2	100	
03	PA	0851	420710007	3	2	2	100	2	2	100	2	2	100	
03	PA	0851	420850100	3	2	2	100	2	2	100	2	2	100	
03	PA	0851	420910013	3	2	2	100	2	2	100	2	2	100	
03	PA	0851	420950025	3				2	2	100	2	2	100	

Region	State	PQAO	Site ID	POC	2011 Required	2011 Submitted	2011 % Complete	2012 Required	2012 Submitted	2012 % Complete	2013 Required	2013 Submitted	2013 % Complete	3 Year comp %
03	PA	0851	421250200	3	2	2	100	2	2	100	2	2	100	
03	PA	0851	421255001	3				2	1	50	2	2	100	
03	PA	0851	421290008	3				1		0	2	2	100	
03	PA	0851	421290008	4				2	2	100	2	2	100	
03	PA	0851	421330008	2	2	2	100	2	2	100	2	2	100	
03	PA	0851	421330008	3	2	2	100	2	2	100	2	2	100	
03	PA	0861	421010004	3										
03	PA	0861	421010004	4										
03	PA	0861	421010047	3							2	2	100	
03	PA	0861	421010047	4	2	6	100	2	4	100	1	1	100	
03	PA	0861	421010048	1							1	1	100	
03	PA	0861	421011002	3	2	2	100	2	4	100	2	3	100	
03	PA	All	All Sites				100			89			100	96
03	VA	1127	510130020	2	2	2	100	2	2	100	2	2	100	
03	VA	1127	510870014	2	2	3	100	2	2	100	2	3	100	
03	VA	1127	517100024	2	2	2	100	2	2	100	2	2	100	
03	VA	All	All Sites				100			100			100	100
03	WV	1150	540090011	2	2	2	100	2	2	100	2	2	100	
03	WV	1150	540110006	2	2	2	100	2	2	100	2	2	100	
03	WV	All	All Sites				100			100			100	100
04	AL	0013	010550010	1	2	4	100	2	4	100	2	4	100	
04	AL	0013	010730023	2	2	8	100	2	12	100	2	15	100	
04	AL	0013	010730023	3	2		0							
04	AL	0013	010731005	2	2	8	100	2	11	100	2	14	100	
04	AL	0013	010731009	2	2	8	100							
04	AL	0013	010731010	2	2	8	100	2	10	100	2	13	100	
04	AL	0013	010732003	2	2	8	100	2	10	100	2	13	100	
04	AL	0013	010732006	2	2	8	100							
04	AL	0013	010735002	2	2	8	100							
04	AL	0013	010735003	2	2	8	100							
04	AL	0013	011011002	1	2	4	100	2	4	100	2	4	100	
04	AL	0013	011130001	2	2	3	100	2	4	100	2	4	100	
04	AL	All	All Sites				92			100			100	96
04	FL	1328	120010023	2	2	2	100	2	2	100	2	2	100	
04	FL	1328	120111002	2	2	2	100	2	3	100	2	1	50	
04	FL	1328	120170005	2	2	2	100	2	2	100	2	2	100	
04	FL	1328	120310099	2	2	2	100	2	2	100	2	2	100	
04	FL	1328	120330004	2	2	2	100	2	2	100	2	2	100	
04	FL	1328	120573002	2	2	2	100	2	2	100	2	2	100	
04	FL	1328	120710005	2	2	2	100	2	2	100	2	2	100	
04	FL	1328	120730012	2	2	2	100	2	2	100	2	2	100	
04	FL	1328	120861016	2	2	2	100	2	2	100	2	2	100	
04	FL	1328	120952002	2	2	2	100	2	2	100	2	2	100	
04	FL	1328	120990008	3	2	2	100							
04	FL	1328	120990009	2	2	2	100	2	2	100	2	2	100	
04	FL	1328	120990009	3	2	2	100	2	2	100				
04	FL	1328	121030018	2	2	2	100	2	2	100	2	2	100	
04	FL	1328	121056006	2	2	2	100	2	2	100	2	1	50	
04	FL	1328	121150013	2	2	2	100	2	2	100	2	2	100	
04	FL	1328	121171002	2	2	2	100	2	2	100	2	2	100	
04	FL	All	All Sites				100			100			93	98
04	GA	0437	130210007	2	2	2	100	2	3	100	2	2	100	
04	GA	0437	130510017	2	2	2	100							
04	GA	0437	130890002	2	2	2	100	2	2	100	2	2	100	
04	GA	0437	130890002	3	2	3	100	2	2	100	2	2	100	
04	GA	0437	130950007	2							2	2	100	
04	GA	0437	130950007	3							2	2	100	
04	GA	0437	131210032	2	2	2	100	2	2	100				
04	GA	0437	132450005	2	2	2	100	2	2	100				
04	GA	All	All Sites				100			100			100	100
04	KY	0584	210930006	2	2	4	100	2	3	100	2	4	100	
04	KY	0584	211110043	2	2	7	100	2		0	2	6	100	
04	KY	0584	211950002	2	2	4	100	2	4	100	2	4	100	
04	KY	0584	212270008	2	2	4	100	1	2	100				
04	KY	0584	212270009	2				2	2	100	2	4	100	
04	KY	All	All Sites				100			80			100	92
04	MS	0703	280330002	2							2	2	100	
04	MS	0703	280350004	2							2	2	100	
04	MS	0703	280490019	3	2	4	100	2	2	100				
04	MS	0703	280670002	2	2	4	100	2	2	100				
04	MS	0703	280810005	2	2	3	100	2	1	50				
04	MS	All	All Sites				100			83			100	94
04	NC	001	370990006	2	2	4	100	2	3	100	2	3	100	
04	NC	0776	370210034	2	2	4	100	2	4	100	2	4	100	

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04	NC	0776	370350004	2	2	4	100	2	4	100	2	4	100	
04	NC	0776	370670022	2	2	5	100	2	4	100	2	4	100	
04	NC	0776	370670022	3										
04	NC	0776	370670022	5	2		0	2	3	100	2	3	100	
04	NC	0776	370670030	2	2	4	100	2	4	100	2	4	100	
04	NC	0776	371050002	3							1		0	
04	NC	0776	371110004	2	2	4	100	2	4	100	2	4	100	
04	NC	0776	371190042	2	2	5	100	2	5	100	2	5	100	
04	NC	0776	371590021	2	2	4	100	2	5	100	2	4	100	
04	NC	0776	371730002	1	1	1	100							
04	NC	0776	371830014	1	2	4	100	2	4	100	2	4	100	
04	NC	All	All Sites				91			100			91	94
04	SC	0971	450450009	2	1	3	100							
04	SC	0971	450450015	3	2	21	100							
04	SC	0971	450450016	2	2	24	100	2	25	100	2	2	100	
04	SC	0971	450730001	1		1								
04	SC	0971	450790019	2	2	26	100	2	23	100	2	2	100	
04	SC	All	All Sites				100			100			100	100
04	TN	1025	470370023	2	2	21	100	2	17	100	2	16	100	
04	TN	1025	470654002	2	2	17	100	2	15	100	2	15	100	
04	TN	1025	470930028	2	2	4	100	2	8	100	2	8	100	
04	TN	1025	470931017	2	1	2	100							
04	TN	1025	471130006	2	2	4	100	2	4	100	2	4	100	
04	TN	1025	471570047	2	2	4	100	2	4	100	2	4	100	
04	TN	1025	471650007	2	2	4	100	2	4	100	2	4	100	
04	TN	All	All Sites				100			100			100	100
05	IL	0258	170310022	9							2	1	50	
05	IL	0258	170310052	9							1		0	
05	IL	0258	170313301	9							1		0	
05	IL	0513	170311016	9							2	1	50	
05	IL	0513	170313103	9							2	2	100	
05	IL	0513	170314201	9							1	1	100	
05	IL	0513	171190024	9							2	2	100	
05	IL	0513	171191007	9							2	2	100	
05	IL	0513	171430037	9							1		0	
05	IL	0513	171570001	9							1		0	
05	IL	0513	171670012	9							1	1	100	
05	IL	All	All Sites				#DIV/0!			#DIV/0!			55	55
05	IN	0520	180030004	2							2	3	100	
05	IN	0520	180431004	2	2	4	100	2	4	100	2	4	100	
05	IN	0520	180890031	2	2	4	100	2	4	100	2	4	100	
05	IN	0520	180970078	4	1	1	100	2	4	100	2	4	100	
05	IN	0520	180970081	2	2	4	100	2	4	100	2	4	100	
05	IN	0520	181270024	2							2	4	100	
05	IN	0520	181410015	2	2	4	100	2	4	100	2	4	100	
05	IN	0520	181570008	2	2	4	100	2	4	100	2	4	100	
05	IN	0520	181630020	2	1	1	100							
05	IN	0520	181630021	2	2	3	100	2	4	100	2	4	100	
05	IN	All	All Sites				100			100			100	100
05	MI	0685	260330901	2	2	3	100	2	2	100	2	2	100	
05	MI	0685	260330901	3										
05	MI	0685	260770008	2	2	2	100	2	2	100	2	2	100	
05	MI	0685	260810020	2	2	2	100	2	2	100	2	2	100	
05	MI	0685	261610008	2	2	2	100	2	2	100	2	2	100	
05	MI	0685	261630033	2	2	2	100	2	2	100	2	2	100	
05	MI	0685	261630039	3	2	2	100	2	2	100	2	2	100	
05	MI	All	All Sites				100			100			100	100
05	MN	407	270210001	2	2		0	2		0	2		0	
05	MN	0700	270031002	3	2	2	100	2	2	100	2	2	100	
05	MN	0700	270370470	3							2	2	100	
05	MN	0700	270530963	3	2	1	50	2	2	100	2	2	100	
05	MN	0700	271095008	3	2	2	100	2	2	100	2	2	100	
05	MN	0700	271230871	2	2	2	100	2	2	100	2	2	100	
05	MN	0700	271230871	3	2	2	100	2	2	100	2	2	100	
05	MN	0700	271230871	4	2	1	50	2	2	100	2	2	100	
05	MN	0700	271377550	2	2	2	100	2	2	100	2	2	100	
05	MN	0700	271377551	3	2	1	50							
05	MN	0700	271377554	1				2	2	100	2	2	100	
05	MN	0700	271453052	3	2	2	100	2	2	100	2	2	100	
05	MN	0700	271630448	3				2	2	100	2	2	100	
05	MN	All	All Sites				75			91			92	86
05	OH	0012	391030004	1	2	2	100	2	2	100	2	3	100	
05	OH	0012	391530017	2	2	3	100	2	2	100	2	3	100	
05	OH	0012	391530017	3	1	1	100							

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05	OH	0151	391510017	2	2	4	100	2	3	100	2	3	100	
05	OH	0220	390950024	2	2	4	100	2	3	100	2	4	100	
05	OH	0229	390350038	2	2	4	100	2	1	50	2	4	100	
05	OH	0287	390570005	2	1	1	100	2	3	100	2	2	100	
05	OH	0287	391130032	2	2	3	100	2	3	100	2	2	100	
05	OH	0595	390850007	2	2	4	100	2	1	50	2	4	100	
05	OH	0634	390990005	2	2	4	100	2	3	100	2	3	100	
05	OH	0805	390490025	2	2	3	100	2	3	100	2	4	100	
05	OH	0807	390933002	2	2	4	100	2	2	100	2	3	100	
05	OH	0809	390810017	2							2	3	100	
05	OH	0809	390811001	2	2	2	100	2	3	100	1		0	
05	OH	0880	391450013	2	2	3	100	2	3	100	2	4	100	
05	OH	1259	390610014	2	2	3	100	2	3	100	2	3	100	
05	OH	1259	390610040	4	2	4	100	2	3	100	2	4	100	
05	OH	All	All Sites				100			93			94	96
05	WI	1175	550030010	2	2	9	100	2	1	50	2	2	100	
05	WI	1175	550090005	2	2	12	100	2	5	100	2	3	100	
05	WI	1175	550270001	3	2		0							
05	WI	1175	550410007	3	2		0	1		0				
05	WI	1175	550590019	3	2		0							
05	WI	1175	550630012	3										
05	WI	1175	550790026	2	2	12	100	2	2	100	2	3	100	
05	WI	1175	551110007	2	2	12	100	2	5	100	2	3	100	
05	WI	1175	551110007	7	1		0	1		0				
05	WI	1175	551110007	8	1		0	1		0				
05	WI	All	All Sites				44			50			100	58
06	AR	0055	050010011	2	2	4	100	2	4	100				
06	AR	0055	050450002	2	2	4	100	1	2	100				
06	AR	0055	050510003	2				2	2	100	2	4	100	
06	AR	0055	051190007	2	2	4	100	2	4	100	2	4	100	
06	AR	0055	051310008	2	1		0							
06	AR	All	All Sites				75			100			100	90
06	LA	1001	220170008	2	2	2	100	2	2	100	2	2	100	
06	LA	1001	220330009	2	2	2	100	2	2	100	2	2	100	
06	LA	1001	220330009	3	2	2	100	2	2	100	2	2	100	
06	LA	1001	221050001	2	2	2	100	2	2	100	2	2	100	
06	LA	All	All Sites				100			100			100	100
06	NM	0017	350010023	2	2	4	100	2	4	100	2	4	100	
06	NM	0017	350010024	3							2	2	100	
06	NM	0765	350450019	2	2	2	100	2	2	100	2	2	100	
06	NM	All	All Sites				100			100			100	100
06	OK	0055	401359021	2	2	4	100	2	4	100				
06	OK	807	400159008	2	2	2	100							
06	OK	0812	401090035	2	2	2	100	1		0				
06	OK	0812	401091037	3							2	1	50	
06	OK	0812	401210415	3				2	2	100	2	2	100	
06	OK	0812	401431127	2				2	3	100	2	4	100	
06	OK	0812	401431127	3							2	1	50	
06	OK	All	All Sites				100			75			75	82
06	TX	1035	481130069	2	2	5	100	2	5	100	2	4	100	
06	TX	1035	481130069	4	2	2	100	2	4	100	2	4	100	
06	TX	1035	481410044	6	2	5	100	2	2	100	2	4	100	
06	TX	1035	482011035	2	2	5	100	2	5	100	2	4	100	
06	TX	1035	482011039	4							1	2	100	
06	TX	1035	483550032	2	2	5	100	2	2	100	2	5	100	
06	TX	All	All Sites				100			100			100	100
07	IA	0613	191130040	2							2	4	100	
07	IA	0874	191530030	2							2	4	100	
07	IA	1080	191390015	2							2	3	100	
07	IA	1080	191550009	2							2	4	100	
07	IA	1080	191630015	2							2	3	100	
07	IA	All	All Sites				#DIV/0!			#DIV/0!			100	100
07	KS	0563	201730010	2	2	4	100	2	4	100	2	4	100	
07	KS	0563	202090021	2	2	4	100	2	5	100	2	4	100	
07	KS	All	All Sites				100			100			100	100
07	MO	0588	290210005	4	1		0							
07	MO	0588	290210005	5				1	1	100	2	2	100	
07	MO	0588	290390001	4				1	1	100	2	3	100	
07	MO	0588	290470005	4				2	1	50	2	3	100	
07	MO	0588	290770032	2	2	2	100							
07	MO	0588	290770032	4	2	1	50	2	2	100	2	2	100	
07	MO	0588	290950034	1	2	2	100	2	2	100	2	2	100	
07	MO	0588	290990019	4				2	2	100	2	2	100	
07	MO	0588	295100007	4	2	1	50	2	2	100	2	2	100	

Region	State	PQAO	Site ID	POC	2011 Required	2011 Submitted	2011 % Complete	2012 Required	2012 Submitted	2012 % Complete	2013 Required	2013 Submitted	2013 % Complete	3 Year comp %
07	MO	0588	295100085	2	2	2	100	2	2	100	2	2	100	
07	MO	0588	295100085	4	2	2	100	2	2	100	2	2	100	
07	MO	0588	295100093	1	2	2	100							
07	MO	All	All Sites				75			94			100	90
07	NE	0752	311090022	2	2	2	100	2	3	100	2	2	100	
07	NE	0816	310550019	2	2	2	100	2	2	100	2	2	100	
07	NE	All	All Sites				100			100			100	100
08	CO	0240	080010006	2	2	4	100	2	4	100	2	4	100	
08	CO	0240	080310002	2	2	4	100	2	4	100	2	4	100	
08	CO	0240	080310002	3							2	2	100	
08	CO	750	080677001	2	2	4	100	2	4	100	2	2	100	
08	CO	750	080677003	2							1	1	100	
08	CO	750	080677003	3							1		0	
08	CO	All	All Sites				100			100			83	92
08	MT	0730	300290009	3	2	1	50							
08	MT	0730	300290047	3	2	1	50							
08	MT	0730	300490004	1	2	3	100	2	2	100	2	2	100	
08	MT	0730	300490026	2	2	2	100	2	2	100	2	2	100	
08	MT	0730	300530018	2	2	2	100							
08	MT	0730	300530018	3	1	1	100	2	2	100	2	2	100	
08	MT	0730	300630024	4	2	2	100	2	2	100	2	2	100	
08	MT	0730	300630031	2	2	2	100							
08	MT	0730	300810007	3	2	2	100	2	1	50	2	2	100	
08	MT	0730	300930005	2				1	1	100	2	2	100	
08	MT	All	All Sites				89			92			100	93
08	ND	301	380610115	2	2		0	2		0	2		0	
08	ND	0782	380150003	2	2	1	50	2		0	2		0	
08	ND	0782	380150003	3	2	3	100	2	4	100	2	4	100	
08	ND	0782	380171004	3	2	3	100	2	4	100	2	4	100	
08	ND	0782	380570004	3	2	5	100	2	4	100	2	3	100	
08	SD	0973	460990008	1	2	8	100	2	8	100	2	8	100	
08	SD	0973	461270002	3	2	4	100							
08	SD		460130003	2	2		0	2		0	2		0	
08	SD	All	All Sites				69			57			57	61
08	UT	1113	490050004	2	2	12	100	2	12	100	2	12	100	
08	UT	1113	490353010	2	2	12	100	2	12	100	2	12	100	
08	UT	1113	490494001	2	2	12	100	2	12	100	2	12	100	
08	UT	1387	490475632	2				2		0	2		0	
08	UT	1387	490475632	3				2		0	2		0	
08	UT	All	All Sites				100			60			60	69
08	WY	1188	560050891	3	2	2	100	2		0	2	2	100	
08	WY	1188	560050892	4							2	1	50	
08	WY	1188	560051899	3	2		0	2		0	2	2	100	
08	WY	1188	560090819	3	2	2	100	2		0	2	1	50	
08	WY	1188	560210001	2	2	2	100	2	2	100	2	2	100	
08	WY	1188	560210100	2	2	2	100	2	2	100	2	2	100	
08	WY	1188	560210100	3	2	2	100	1	1	100				
08	WY	1188	560210100	11	2		0	1		0				
08	WY	1188	560330002	2	2	2	100	2	2	100	2	2	100	
08	WY	1390	560370870	1	1		0	2		0				
08	WY	All	All Sites				67			44			86	64
09	AZ	0053	040139997	2	1	2	100							
09	AZ	0053	040139997	3	2	1	50	2	3	100	2	2	100	
09	AZ	0053	040230004	1							2	1	50	
09	AZ	0053	040230004	2	2	2	100	2	2	100	2	2	100	
09	AZ	615	040137020	2	2	4	100	2	3	100	2	4	100	
09	AZ	0643	040130019	2	2	2	100	2	2	100	2	1	50	
09	AZ	0643	040130019	3	2	1	50	2	2	100	2	4	100	
09	AZ	0643	040134003	1	2	2	100	2	1	50				
09	AZ	0864	040191028	3	2	4	100	2	4	100	2	4	100	
09	AZ	0865	040210001	2	2	2	100	2	2	100	2	2	100	
09	AZ	0865	040213013	2				2	2	100	2	2	100	
09	AZ	All	All Sites				89			94			89	91
09	CA	0086	060010007	3	1	1	100							
09	CA	0086	060130002	2	2	3	100	2	2	100				
09	CA	0086	060130002	3							2	2	100	
09	CA	0086	060811001	2	2	2	100	2	2	100				
09	CA	0086	060850005	3				1	1	100	2	2	100	
09	CA	0086	060950004	3	1		0							
09	CA	0086	060950004	4							2	2	100	
09	CA	0145	060190008	2	2	2	100	1		0				
09	CA	0145	060190008	3	1	1	100	1		0				
09	CA	0145	060190011	3				2	2	100	2	2	100	

Region	State	PQAO	Site ID	POC	2011 Required	2011 Submitted	2011 % Complete	2012 Required	2012 Submitted	2012 % Complete	2013 Required	2013 Submitted	2013 % Complete	3 Year comp %
09	CA	0145	060190011	4				2		0	2		0	
09	CA	0145	060195001	3				1	1	100	2	2	100	
09	CA	0145	060231005	2							2	2	100	
09	CA	0145	060250005	2	2	2	100	2	2	100	2	2	100	
09	CA	0145	060271003	2	2	2	100	2	5	100	2	2	100	
09	CA	0145	060271003	3	2	1	50	2	3	100	2	4	100	
09	CA	0145	060290011	3	2	1	50	1	1	100				
09	CA	0145	060290014	2	2		0	2	2	100	2	2	100	
09	CA	0145	060290014	3				2		0	2		0	
09	CA	0145	060531003	2	2	2	100	2	2	100	2	2	100	
09	CA	0145	060571001	2	2	1	50	2	2	100	2	2	100	
09	CA	0145	060670006	2	2	2	100	2	2	100	2	2	100	
09	CA	0145	060710306	2	2	2	100	2	2	100	2	2	100	
09	CA	0145	060771002	4	2	2	100	2	2	100	2	2	100	
09	CA	0145	060792006	3	2	1	50	2	2	100	2	2	100	
09	CA	0145	060990005	1	2	2	100	2	2	100	2	2	100	
09	CA	0145	061110007	2	2	2	100	1		0				
09	CA	0145	061110007	3				2	2	100	2	2	100	
09	CA	0145	061110009	3	1		0	1		0				
09	CA	0145	061112002	3							2	1	50	
09	CA	0145	061113001	3				2	2	100	2	2	100	
09	CA	586	060650009	2	2	1	50	2	1	50	2		0	
09	CA	0942	060290011	1					1					
09	CA	0942	060730003	2	2	1	50	2	5	100	2	5	100	
09	CA	0942	060730006	2	2	1	50	1		0				
09	CA	0942	060731002	3	2	1	50	2	4	100	2	5	100	
09	CA	0942	060731002	4	2	1	50	2	5	100	2	5	100	
09	CA	0942	060731010	2	1		0	2	3	100	2	4	100	
09	CA	0942	060731016	2				2	5	100	2	4	100	
09	CA	0972	060371002	3	2	2	100	2	2	100	2	2	100	
09	CA	0972	060371103	2	2	2	100	2	2	100	2	3	100	
09	CA	0972	060371103	3	2		0							
09	CA	0972	060371103	9	1	1	100	2	2	100	2	3	100	
09	CA	0972	060374002	3	2	3	100	2	2	100	2	1	50	
09	CA	0972	060374004	3				2	2	100	2	2	100	
09	CA	0972	060590007	3	2	2	100	2	2	100	2	3	100	
09	CA	0972	060652002	2	2	3	100	1	1	100				
09	CA	0972	060658001	2	2	2	100	2	2	100	2	3	100	
09	CA	0972	060658001	3	2	1	50							
09	CA	0972	060658001	9	1	1	100	2	2	100	2	2	100	
09	CA	0972	060658005	2				2		0	2	2	100	
09	CA	0972	060658005	3	2	2	100	2	2	100	2	3	100	
09	CA	0972	060710025	2	1		0							
09	CA	All	All Sites				71			80			89	80
09	HI	0481	150030010	2	2	1	50	2	2	100	2	2	100	
09	HI	All	All Sites				50			100			100	83
09	NV	0226	320030540	3				2	2	100	2	2	100	
09	NV	0226	320030540	4							1	1	100	
09	NV	0226	320030561	2	2	4	100	2	2	100	2	4	100	
09	NV	0226	320030561	3				1		0	2	2	100	
09	NV	0226	320031019	3							2	1	50	
09	NV	0757	325100020	2							2	1	50	
09	NV	1138	320310016	1	2	4	100	2	4	100	2	4	100	
09	NV	1138	320310016	2	2	4	100	2	4	100	2	4	100	
09	NV	All	All Sites				100			80			88	88
10	AK	0015	020200018	3	2	4	100	2	4	100	2	4	100	
10	AK	0015	020900010	2	2	3	100	2	4	100	1	1	100	
10	AK	0015	020900034	2							2	1	50	
10	AK	0015	021100004	1	1	1	100							
10	AK	0015	021700008	1	1	2	100	2	3	100	2	3	100	
10	AK	0015	021700012	1				1	1	100	2	2	100	
10	AK	0015	021700013	3	2	4	100	2	3	100	2	3	100	
10	AK	All	All Sites				100			100			92	97
10	ID	180	160050020	2	2	2	100	2	2	100	2	2	100	
10	ID	180	160050020	3	2	1	50	2	2	100	2	2	100	
10	ID	0511	160010010	2							1	1	100	
10	ID	0511	160590004	1	2	2	100	2	1	50	2	2	100	
10	ID	0511	160790017	1	2	2	100	2	2	100	2	2	100	
10	ID	0511	160790017	2	2	2	100	2	2	100	1		0	
10	ID	All	All Sites				90			90			83	88
10	OR	0821	410290133	2	2	2	100	2	2	100	2	2	100	
10	OR	0821	410390060	2	2	2	100	2	2	100	2	2	100	
10	OR	0821	410670004	2	1	1	100							
10	OR	All	All Sites				100			100			100	100

Region	State	PQAO	Site ID	POC	2011 Required	2011 Submitted	2011 % Complete	2012 Required	2012 Submitted	2012 % Complete	2013 Required	2013 Submitted	2013 % Complete	3 Year comp %
10	WA	1136	530330080	3	2	2	100	2	2	100	2	2	100	
10	WA	1136	530530029	2				2	2	100	2	2	100	
10	WA	1136	530530029	3	2	3	100	2	2	100	2	2	100	
10	WA	1136	530530029	4	2	3	100	1		0				
10	WA	1136	530610005	4							1	1	100	
10	WA	1136	530610020	3	2	2	100	1		0				
10	WA	1136	530611007	3	2	3	100	1	1	100				
10	WA	1136	530611007	4				2		0	2	2	100	
10	WA	1136	530630021	2	2	2	100	1	1	100				
10	WA	1136	530770009	3							1		0	
10	WA	All	All Sites				100			63			83	80

Attachment 4c. Flow Rate Average Percent Difference by PQAO (acceptance criteria is < 4% of standard and < 5% of design value)

Region	State	PQAO	Agency Name	Average % Difference*
01	CT	0251	Connecticut Department of Environmental Protection	-1.41
01	MA	0660	Mass Dept Environmental Protection-Div Air Quality Control	-0.27
01	ME	0635	Maine D.E.P. Bureau Of Air Quality Control, Augusta	0.16
01	NH	0762	New Hampshire Air Resources Agency	0.26
01	RI	0907	Rhode Island DEM And DOH	-0.43
01	VT	1119	Vermont Agency Of Environmental Conservation	-0.10
02	NJ	0764	New Jersey State Department Of Environmental Protection	0.03
02	NY	0768	New York State Department Of Environmental Conservation	-0.07
02	PR	0889	Puerto Rico Environmental Quality Board	-0.50
02	VI	1124	Virgin Islands Department Of Planning & Natural Resources	
03	DC	0350	District Dept of Environment, Air Quality Div - DDOE/AQD	-0.35
03	DE	0294	Delaware Dept Natural Resources and Environmental Control	0.77
03	MD	1002	State Of Maryland Air Management Administration	0.22
03	PA	0021	Allegheny County,PA Health Department	0.21
03	PA	0851	Pennsylvania Department Of Environmental Protection	0.20
03	PA	0861	Philadelphia Air Management Services	-0.08
03	VA	1127	Virginia Department of Environmental Quality	0.09
03	WV	1150	West Virginia Air Pollution Control Commission	-0.19
04	AL	0013	Al Dept Of Env Mgt	0.25
04	FL	1328	Florida Department of Environmental Protection (FDEP)	0.56
04	GA	0437	Georgia Air Protection Branch Ambient Monitoring Program	0.34
04	KY	0584	Kentucky Division For Air Quality	-0.14
04	MS	0703	Mississippi DEQ, Office Of Pollution	-1.60
04	NC	001	Eastern Band Of Cherokee Indians of North Carolina	-0.35
04	NC	0776	North Carolina Dept Of Environment And Natural Resources	0.17
04	SC	0971	South Carolina Department Health And Environmental Control	-0.48
04	TN	1025	Tennessee Division Of Air Pollution Control	-0.07
05	IL	0258	Cook County Department of Environmental Control	-0.19
05	IL	0513	Illinois Environmental Protection Agency	-0.13
05	IN	0520	Indiana Depart Of Environ Management/Office Of Air Management	0.31
05	MI	0685	Michigan Dept Of Environmental Quality-Air Quality Division	-1.25
05	MI	W44	Inter-tribal Council of MIchigan, Inc.	
05	MN	407	Leech Lake Band of Ojibwe, MN	
05	MN	0700	Minnesota Pollution Control Agency, Division Of Air Quality	0.07
05	OH	0012	Akron Regional Air Pollution Control Agency	-0.03
05	OH	0151	Canton City Health Department Air Pollution Control	-0.18
05	OH	0220	City of Toledo, Environmental Services Division	1.29
05	OH	0229	Cleveland Air Pollution Control Agency	-0.25
05	OH	0287	Dayton Regional Air Pollution Control Agency	-0.57
05	OH	0595	Lake County Health Department Division Air Pollution Control	-1.62
05	OH	0634	Mahoning-Trumbull Air Pollution Control Agency	-0.74
05	OH	0805	Ohio EPA, Central District Office	-0.90
05	OH	0807	Ohio EPA, Northeast District Office	0.88
05	OH	0808	Ohio EPA, Northwest District Office	0.50
05	OH	0809	Ohio EPA, Southeast District Office	-0.17
05	OH	0880	Portsmouth City Health Dept Division Air Pollution Control	-0.87
05	OH	1259	Hamilton County Department Of Environmental Services	-0.42
05	WI	1175	Wisconsin Dept Of Natural Resources, Air Monitoring Section	-0.38
06	AR	0055	Arkansas Department Of Environmental Quality	-0.05
06	LA	1001	State Of Louisiana	-0.50
06	NM	0017	Albuquerque Environmental Health And Energy Department	0.94
06	NM	0765	New Mexico Environment Department	-0.60
06	OK	807	Delaware Nation, OK	-2.03
06	OK	0812	Oklahoma Dept. Of Environmental Quality Air Quality Division	-0.50
06	OK	927	Kaw Nation	
06	TX	1035	Texas Commission On Environmental Quality	0.35
07	IA	0613	Linn County Health Department	-0.33
07	IA	0874	Polk County Physical Planning	-0.66

Region	State	PQAO	Agency Name	Average % Difference*
07	IA	1080	University Hygenic Laboratory	0.02
07	KS	0563	Kansas Department Of Health And Environment	-0.89
07	MO	0588	Missouri Laboratory Services Program	0.22
07	NE	0752	Nebraska Department Of Environmental Control	0.15
07	NE	0816	Omaha-Douglas County Health Department	0.27
08	CO	0240	Colorado Department of Public Health And Environment	-0.37
08	CO	0745	National Park Service	
08	CO	750	Southern Ute Indian Tribe of Southern Ute Reservation, CO	-0.82
08	MT	0730	Mt Dept Of Environmental Quality, Air Quality Division	0.07
08	ND	301	Three Affiliated Tribes of Fort Berthold Reservation, ND	
08	ND	0782	North Dakota State Department Of Health	-0.04
08	SD	0973	South Dakota Dept Environmental Protection Air Quality Prog	0.34
08	UT	687	Ute Indian Tribe of Uintah & Ouray Reservation, UT	
08	UT	0745	National Park Service	
08	UT	1113	Utah Department Of Environmental Quality	-0.47
08	UT	1387	Enefit	
08	WY	1188	Wyoming Air Quality Division, Dept Of Environmental Quality	-0.22
08	WY	1372	Encana, WY	
08	WY	1390	Tata Chemicals	
09	AZ	0053	Arizona Department Of Environmental Quality	-0.84
09	AZ	615	Salt River Pima-Maricopa Indian Community of Salt River Reservation, AZ	0.75
09	AZ	0643	Maricopa County Air Quality	0.06
09	AZ	0864	Pima County Health Department	0.06
09	AZ	0865	Pinal County APCD	-0.66
09	CA	0086	Bay Area Air Quality Management District	-0.16
09	CA	0145	California Air Resources Board	-0.01
09	CA	586	Pechanga Band of Luiseno Mission Indians of Pechanga Reservation, CA	0.59
09	CA	0942	San Diego County Air Pollution Control District	-0.53
09	CA	0972	South Coast Air Quality Management District	-0.20
09	HI	0481	Hawaii State Department Of Health	1.57
09	NV	0226	Clark County, NV DAQEM	-0.60
09	NV	0757	Nevada Division Of Environmental Protection	-0.89
09	NV	1138	Washoe County District Health Department	0.53
10	AK	0015	Alaska Department Of Environmental Conservation	-0.06
10	ID	0511	Idaho Department Of Health And Welfare-Environment Division	0.09
10	OR	0821	Oregon Department Of Environmental Quality	0.07
10	WA	1136	Washington State Department Of Ecology	-0.55

* No Average % Difference indicates no flow rate data available.

Attachment 5

2011-2013 $PM_{2.5}$ Performance Evaluation Program (PEP) Completeness Aggregated by Primary Quality Assurance Organization and 3-Year Bias Estimate

Notes

PEP completeness is based on sites active at the time that audits are planned for a particular year. It is based on the requirement that PQAOs with 5 or fewer routine sites are required to conduct 5 audits and PQAOs with more than 5 routine sites are required to conduct 8 audits (2007 monitoring regulation).

Completeness is based on all valid pairs collected by the PEP program. Completeness assesses all valid pairs, regardless of the concentrations for either value of the pair. On the other hand, bias estimates are based only on valid paired PEP and primary values for which both values are $> 3\ \mu g/m^3$.

Highlighted values represent cases where (1) the number of valid PEP/routine pairs is less than 75% of that required or (2) bias estimates that exceed the goal of |bias| < 10%.

For 2011-2013, two versions of this attachment are included. Version 5a excludes PEP data for May–August of 2011, a period of time during which the relative humidity instrument was not correctly recording values in the laboratory. Losing PEP data for 4 months of 2011 significantly impacts the number of pairs available for assessing bias. All indication is that the PEP laboratory was operating within specification during this time so Version 5b provides bias estimates that include May–August 2011 PEP data.

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Attachment 5a. Bias assessment for PQAOs operating primary monitors or having bias pairs in 2011-2013. Bias counts and estimates for pairs where both concentrations are valid and > 3 µg/m3. Excludes May -August 2011.

				2011			2012			2013			3-Year			Bias (%)		
Reg	State	PQAO	PQAO Name	# Primary Monitors	# Required Bias Pairs	# Valid Pairs	# Primary Monitors	# Required Bias Pairs	# Valid Pairs	# Primary Monitors	# Required Bias Pairs	# Valid Pairs	# Required Bias Pairs	# Valid Pairs	% Comp	Lower Bound	Mean	Upper Bound
01	CT	0251	Connecticut Department of Environmental Protection	11	8	6	11	8	9	10	8	9	24	24	100%	-15.8	-11.2	-6.7
01	MA	0660	Mass Dept Environmental Protection-Div Air Quality Control	16	8	6	16	8	10	17	8	8	24	24	100%	-11.1	-4.4	2.4
01	ME	0635	Maine D.E.P. Bureau Of Air Quality Control, Augusta	11	8	6	10	8	10	10	8	8	24	24	100%	-7.5	4.2	15.9
01	NH	0762	New Hampshire Air Resources Agency	8	8	5	8	8	10	8	8	9	24	24	100%	-1.2	7.7	16.6
01	RI	0907	Rhode Island DEM And DOH	5	5	3	5	5	9	5	5	7	15	19	100%	-5.3	2.5	10.2
01	VT	1119	Vermont Agency Of Environmental Conservation	4	5	3	4	5	3	5	5	4	15	10	67%	-18.2	-12.6	-7.1
02	NJ	0764	New Jersey State Department Of Environmental Protection	20	8	6	21	8	9	21	8	9	24	24	100%	-16.6	-11.7	-6.7
02	NY	0768	New York State Department Of Environmental Conservation	22	8	3	20	8	6	21	8	7	24	16	67%	-18.1	-12.5	-6.9
02	PR	0889	Puerto Rico Environmental Quality Board	10	8	3	10	8	6	5	5	7	21	16	76%	-28.0	-19.7	-11.5
02	VI	1124	Virgin Islands Department Of Planning & Natural Resources	1	5	0	1	5	0	1	5	0	15	0	0%			
03	DC	0350	District Dept of Environment, Air Quality Div - DDOE/AQD	3	5	4	3	5	4	3	5	5	15	13	87%	-5.9	-2.5	1.0
03	DE	0294	Delaware Dept Natural Resources and Environmental Control	7	8	5	7	8	8	8	8	7	24	20	83%	-17.4	-11.7	-5.9
03	MD	1002	State Of Maryland Air Management Administration	17	8	4	15	8	7	15	8	9	24	20	83%	-16.5	-10.5	-4.5
03	PA	0021	Allegheny County,PA Health Department	9	8	3	8	8	8	8	8	8	24	19	79%	-13.1	-9.6	-6.2
03	PA	0851	Pennsylvania Department Of Environmental Protection	26	8	6	31	8	8	27	8	8	24	22	92%	8.8	18.8	28.9
03	PA	0861	Philadelphia Air Management Services	5	5	6	5	5	2	8	8	2	18	10	56%	-2.2	8.0	18.1
03	VA	1127	Virginia Department of Environmental Quality	19	8	2	19	8	8	19	8	7	24	17	71%	-18.9	-14.3	-9.7
03	WV	1150	West Virginia Air Pollution Control Commission	14	8	4	14	8	6	14	8	7	24	17	71%	-10.5	-5.2	0.2
04	AL	0013	Al Dept Of Env Mgt	23	8	7	17	8	8	17	8	8	24	23	96%	-8.1	-5.1	-2.1
04	FL	1328	Florida Department of Environmental Protection (FDEP)	27	8	7	26	8	8	24	8	8	24	23	96%	-30.0	-26.3	-22.7
04	GA	0437	Georgia Air Protection Branch Ambient Monitoring Program	28	8	4	28	8	7	23	8	8	24	19	79%	-11.6	-7.7	-3.8
04	KY	0584	Kentucky Division For Air Quality	20	8	4	19	8	7	18	8	7	24	18	75%	-14.7	-11.8	-8.9
04	MS	0703	Mississippi DEQ, Office Of Pollution	11	8	8	11	8	7	8	8	8	24	23	96%	-11.4	-7.2	-3.1
04	NC	001	Eastern Band Of Cherokee Indians of North Carolina	1	5	4	1	5	5	1	5	5	15	14	93%	-22.1	-16.3	-10.5
04	NC	0776	North Carolina Dept Of Environment And Natural Resources	35	8	7	34	8	9	32	8	7	24	23	96%	-18.2	-13.1	-8.0
04	SC	0971	South Carolina Department Health And Environmental Control	12	8	4	12	8	10	11	8	7	24	21	88%	-18.2	-10.8	-3.5
04	TN	1025	Tennessee Division Of Air Pollution Control	24	8	8	23	8	8	23	8	8	24	24	100%	-14.4	-9.2	-3.9
05	IL	0258	Cook County Department of Environmental Control	7	8	2	7	8	18	8	8	11	24	31	100%	-3.4	-2.0	-0.6
05	IL	0513	Illinois Environmental Protection Agency	27	8	29	27	8	18	26	8	8	24	55	100%	-2.2	-1.0	0.2
05	IN	0520	Indiana Depart Of Environ Management/Office Of Air Quality	35	8	4	32	8	8	31	8	8	24	20	83%	-6.7	-3.8	-0.8
05	MI	0685	Michigan Dept Of Environmental Quality-Air Quality Division	28	8	7	28	8	8	29	8	6	24	21	88%	-13.3	-7.1	-1.0
05	MN	0700	Minnesota Pollution Control Agency, Division Of Air Quality	11	8	7	13	8	8	20	8	8	24	23	96%	0.5	4.6	8.7
05	MN	407	Minnesota Chippewa Tribe, MN (Leech Lake Band)	1	5	0	1	5	0	1	5	0	15	0	0%			
05	OH	0012	Akron Regional Air Pollution Control Agency	3	5	4	3	5	5	3	5	5	15	14	93%	-13.5	4.8	23.2
05	OH	0151	Canton City Health Department Air Pollution Control	2	5	3	2	5	6	2	5	5	15	14	93%	-8.4	-3.3	1.7
05	OH	0220	City of Toledo, Environmental Services Division	3	5	3	3	5	5	3	5	4	15	12	80%	-18.6	-8.7	1.1
05	OH	0229	Cleveland Air Pollution Control Agency	6	8	4	6	8	8	6	8	8	24	20	83%	-12.0	-1.3	9.3
05	OH	0287	Dayton Regional Air Pollution Control Agency	4	5	2	4	5	5	4	5	3	15	10	67%	-9.0	-4.8	-0.5
05	OH	0595	Lake County Health Department Division Air Pollution Control	1	5	4	1	5	5	1	5	4	15	13	87%	-17.8	-10.1	-2.3
05	OH	0634	Mahoning-Trumbull Air Pollution Control Agency	3	5	5	3	5	5	3	5	5	15	15	100%	-11.2	4.6	20.3
05	OH	0805	Ohio EPA, Central District Office	3	5	2	3	5	3	3	5	2	15	7	47%	-12.9	-0.9	11.2
05	OH	0807	Ohio EPA, Northeast District Office	1	5	0	1	5	1	1	5	2	15	3	20%	-35.9	-4.8	26.4
05	OH	0808	Ohio EPA, Northwest District Office	1	5	0	1	5	1	1	5	1	15	2	13%	-188.7	-2.6	183.6
05	OH	0809	Ohio EPA, Southeast District Office	3	5	2	3	5	2	3	5	1	15	5	33%	-15.8	-10.1	-4.3
05	OH	0880	Portsmouth City Health Dept Division Air Pollution Control	2	5	4	2	5	5	2	5	3	15	12	80%	-20.2	-12.5	-4.7
05	OH	1259	Hamilton County Department Of Environmental Services	11	8	6	9	8	8	9	8	7	24	21	88%	-10.3	-6.8	-3.3
05	WI	1175	Wisconsin Dept Of Natural Resources, Air Monitoring Section	22	8	4	18	8	8	18	8	5	24	17	71%	-7.2	-3.4	0.4
06	AR	0055	Arkansas Department Of Environmental Quality	17	8	4	15	8	8	12	8	7	24	19	79%	-18.3	-10.6	-2.8
06	LA	1001	State Of Louisiana	16	8	7	15	8	6	15	8	6	24	19	79%	-24.3	-19.2	-14.2
06	NM	0017	Albuquerque Environmental Health Department, Air Quality Div	2	5	1	3	5	3	3	5	5	15	9	60%	-32.1	-3.7	24.8
06	NM	0765	New Mexico Environment Department	6	8	3	4	5	4	4	5	3	18	10	56%	-7.9	16.8	41.6
06	OK	0812	Oklahoma Dept. Of Environmental Quality Air Quality Division	5	5	4	5	5	5	9	8	5	18	14	78%	-7.3	-2.6	2.1
06	OK	807	Delaware Nation, OK	1	5	1	0	0	0	0	0	0	5	1	20%		1.3	
06	OK	927	Kaw Nation	0	0	0	1	5	0	1	5	0	10	0	0%			

				2011			2012			2013			3-Year			Bias (%)		
Reg	State	PQAO	PQAO Name	# Primary Monitors	# Required Bias Pairs	# Valid Pairs	# Primary Monitors	# Required Bias Pairs	# Valid Pairs	# Primary Monitors	# Required Bias Pairs	# Valid Pairs	# Required Bias Pairs	# Valid Pairs	% Comp	Lower Bound	Mean	Upper Bound
06	TX	1035	Texas Commission On Environmental Quality	21	8	5	21	8	7	23	8	8	24	20	83%	-17.2	-10.5	-3.7
07	IA	0613	Linn County Health Department	2	5	6	1	5	5	1	5	5	15	16	100%	-6.3	-2.9	0.5
07	IA	0874	Polk County Physical Planning	2	5	4	2	5	6	2	5	6	15	16	100%	-7.3	-0.4	6.5
07	IA	1080	University Hygenic Laboratory	21	8	3	19	8	7	19	8	10	24	20	83%	-4.2	0.3	4.8
07	KS	0563	Kansas Department Of Health And Environment	10	8	5	10	8	9	11	8	6	24	20	83%	-16.7	-12.9	-9.1
07	MO	0588	Missouri Laboratory Services Program	13	8	3	10	8	9	9	8	10	24	22	92%	-10.8	-3.6	3.7
07	NE	0752	Nebraska Department Of Environmental Control	3	5	2	3	5	4	3	5	5	15	11	73%	-20.7	-10.9	-1.2
07	NE	0816	Omaha-Douglas County Health Department	4	5	3	4	5	5	4	5	6	15	14	93%	-8.5	4.1	16.7
08	CO	0240	Colorado Department of Public Health And Environment	16	8	1	16	8	4	14	8	5	24	10	42%	-21.0	-1.2	18.7
08	CO	750	Southern Ute Indian Tribe of Southern Ute Reservation, CO	2	5	2	2	5	5	2	5	1	15	8	53%	-15.8	-4.6	6.5
08	MT	0730	Mt Dept Of Environmental Quality, Air Quality Division	16	8	0	11	8	6	11	8	3	24	9	38%	1.6	13.5	25.5
08	ND	0782	North Dakota State Department Of Health	8	8	0	8	8	7	9	8	7	24	14	58%	-14.4	-6.4	1.6
08	SD	0973	South Dakota Dept Environmental Protection Air Quality Prog	11	8	0	11	8	6	11	8	8	24	14	58%	-2.1	11.6	25.3
08	UT	1113	Utah Department Of Environmental Quality	13	8	6	12	8	7	12	8	6	24	19	79%	-13.7	-0.4	12.9
08	UT	1387	Enefit	0	0	0	1	5	0	1	5	0	10	0	0%			
08	UT	687	Ute Indian Tribe of Uintah & Ouray Reservation, UT	1	5	2	0	0	0	0	0	0	5	2	40%	-41.4	-19.4	2.6
08	WY	1188	Wyoming Air Quality Division, Dept Of Environmental Quality	16	8	0	20	8	3	14	8	5	24	8	33%	-25.1	-16.8	-8.5
08	WY	1390	Tata Chemicals	1	5	0	1	5	0	0	0	0	10	0	0%			
09	AZ	0053	Arizona Department Of Environmental Quality	6	8	4	6	8	7	9	8	8	24	19	79%	-14.4	-8.1	-1.7
09	AZ	0643	Maricopa County Air Quality	6	8	2	8	8	7	7	8	8	24	17	71%	-8.1	1.6	11.3
09	AZ	0864	Pima County Health Department	2	5	4	2	5	5	2	5	5	15	14	93%	-37.3	-27.0	-16.7
09	AZ	0865	Pinal County APCD	3	5	3	3	5	5	3	5	6	15	14	93%	1.1	12.5	24.0
09	AZ	615	Salt River Pima-Maricopa Indian Community of Salt River Rese	1	5	2	1	5	5	1	5	6	15	13	87%	-35.6	-29.1	-22.7
09	CA	0086	Bay Area Air Quality Management District	10	8	5	13	8	3	11	8	6	24	14	58%	-0.4	14.1	28.7
09	CA	0145	California Air Resources Board	59	8	5	66	8	10	63	8	11	24	26	100%	-12.5	-1.8	8.8
09	CA	0942	San Diego County Air Pollution Control District	8	8	4	10	8	7	8	8	6	24	17	71%	-10.6	-7.4	-4.2
09	CA	0972	South Coast Air Quality Management District	20	8	4	20	8	7	19	8	10	24	21	88%	-12.4	-7.8	-3.3
09	CA	586	Pechanga Band of Luiseno Mission Indians of Pechanga Reserva	1	5	3	1	5	5	1	5	4	15	12	80%	-13.1	22.1	57.3
09	HI	0481	Hawaii State Department Of Health	11	8	4	12	8	5	13	8	5	24	14	58%	5.4	13.8	22.3
09	NV	0226	Clark County, NV DAQEM	3	5	0	4	5	4	5	5	4	15	8	53%	-16.7	11.6	39.9
09	NV	0757	Nevada Division Of Environmental Protection	0	0	0	0	0	0	2	5	0	5	0	0%			
09	NV	1138	Washoe County District Health Department	1	5	2	2	5	4	3	5	3	15	9	60%	-5.5	6.9	19.3
10	AK	0015	Alaska Department Of Environmental Conservation	12	8	0	11	8	6	9	8	5	24	11	46%	-5.6	19.2	44.1
10	ID	0511	Idaho Department Of Health And Welfare-Environment Division	6	8	4	6	8	5	6	8	7	24	16	67%	-4.8	1.9	8.7
10	ID	180	Shoshone-Bannock Tribes of Fort Hall Reservation of Idaho	0	0	3	0	0	1	0	0	1	0	5		-61.6	45.1	151.8
10	OR	0821	Oregon Department Of Environmental Quality	16	8	5	15	8	3	14	8	6	24	14	58%	-13.5	-9.2	-4.9
10	WA	1136	Washington State Department Of Ecology	11	8	5	14	8	4	13	8	7	24	16	67%	-23.3	-14.8	-6.3
	NP	0745	National Park Service	2	5	0	2	5	0	2	5	0	15	0	0%			

Attachment 5b. Bias assessment for PQAOs operating primary monitors or having bias pairs in 2011-2013. Bias counts and estimates for pairs where both concentrations are valid and > 3 µg/m3.

				2011			2012			2013			3-Year			Bias (%)		
Reg	State	PQAO	PQAO Name	# Primary Monitors	# Required Bias Pairs	# Valid Pairs	# Primary Monitors	# Required Bias Pairs	# Valid Pairs	# Primary Monitors	# Required Bias Pairs	# Valid Pairs	# Required Bias Pairs	# Valid Pairs	% Comp	Lower Bound	Mean	Upper Bound
01	CT	0251	Connecticut Department of Environmental Protection	11	8	9	11	8	9	10	8	9	24	27	100%	-14.8	-9.7	-4.6
01	MA	0660	Mass Dept Environmental Protection-Div Air Quality Control	16	8	6	16	8	10	17	8	8	24	24	100%	-11.1	-4.4	2.4
01	ME	0635	Maine D.E.P. Bureau Of Air Quality Control, Augusta	11	8	8	10	8	10	10	8	8	24	26	100%	-6.3	4.4	15.2
01	NH	0762	New Hampshire Air Resources Agency	8	8	9	8	8	10	8	8	9	24	28	100%	-4.3	4.1	12.6
01	RI	0907	Rhode Island DEM And DOH	5	5	4	5	5	9	5	5	7	15	20	100%	-6.0	1.5	9.0
01	VT	1119	Vermont Agency Of Environmental Conservation	4	5	5	4	5	3	5	5	4	15	12	80%	-23.3	-16.3	-9.3
02	NJ	0764	New Jersey State Department Of Environmental Protection	20	8	7	21	8	9	21	8	9	24	25	100%	-15.6	-10.3	-5.0
02	NY	0768	New York State Department Of Environmental Conservation	22	8	3	20	8	6	21	8	7	24	16	67%	-18.1	-12.5	-6.9
02	PR	0889	Puerto Rico Environmental Quality Board	10	8	7	10	8	6	5	5	7	21	20	95%	-30.8	-22.8	-14.9
02	VI	1124	Virgin Islands Department Of Planning & Natural Resources	1	5	0	1	5	0	1	5	0	15	0	0%			
03	DC	0350	District Dept of Environment, Air Quality Div - DDOE/AQD	3	5	4	3	5	4	3	5	5	15	13	87%	-5.9	-2.5	1.0
03	DE	0294	Delaware Dept Natural Resources and Environmental Control	7	8	7	7	8	8	8	8	7	24	22	92%	-16.8	-11.6	-6.4
03	MD	1002	State Of Maryland Air Management Administration	17	8	8	15	8	7	15	8	9	24	24	100%	-14.9	-9.5	-4.2
03	PA	0021	Allegheny County,PA Health Department	9	8	6	8	8	8	8	8	8	24	22	92%	-12.1	-9.1	-6.0
03	PA	0851	Pennsylvania Department Of Environmental Protection	26	8	8	31	8	8	27	8	8	24	24	100%	3.6	14.3	25.1
03	PA	0861	Philadelphia Air Management Services	5	5	6	5	5	2	8	8	2	18	10	56%	-2.2	8.0	18.1
03	VA	1127	Virginia Department of Environmental Quality	19	8	5	19	8	8	19	8	7	24	20	83%	-18.6	-14.7	-10.8
03	WV	1150	West Virginia Air Pollution Control Commission	14	8	8	14	8	6	14	8	7	24	21	88%	-10.4	-5.8	-1.2
04	AL	0013	Al Dept Of Env Mgt	23	8	7	17	8	8	17	8	8	24	23	96%	-8.1	-5.1	-2.1
04	FL	1328	Florida Department of Environmental Protection (FDEP)	27	8	7	26	8	8	24	8	8	24	23	96%	-30.0	-26.3	-22.7
04	GA	0437	Georgia Air Protection Branch Ambient Monitoring Program	28	8	7	28	8	7	23	8	8	24	22	92%	-10.5	-7.1	-3.7
04	KY	0584	Kentucky Division For Air Quality	20	8	8	19	8	7	18	8	7	24	22	92%	-15.9	-8.2	-0.5
04	MS	0703	Mississippi DEQ, Office Of Pollution	11	8	8	11	8	7	8	8	8	24	23	96%	-11.4	-7.2	-3.1
04	NC	001	Eastern Band Of Cherokee Indians of North Carolina	1	5	5	1	5	5	1	5	5	15	15	100%	-21.3	-15.8	-10.4
04	NC	0776	North Carolina Dept Of Environment And Natural Resources	35	8	10	34	8	9	32	8	7	24	26	100%	-17.2	-12.6	-8.1
04	SC	0971	South Carolina Department Health And Environmental Control	12	8	4	12	8	10	11	8	7	24	21	88%	-18.2	-10.8	-3.5
04	TN	1025	Tennessee Division Of Air Pollution Control	24	8	8	23	8	8	23	8	8	24	24	100%	-14.4	-9.2	-3.9
05	IL	0258	Cook County Department of Environmental Control	7	8	2	7	8	18	8	8	11	24	31	100%	-3.4	-2.0	-0.6
05	IL	0513	Illinois Environmental Protection Agency	27	8	29	27	8	18	26	8	8	24	55	100%	-2.2	-1.0	0.2
05	IN	0520	Indiana Depart Of Environ Management/Office Of Air Quality	35	8	6	32	8	8	31	8	8	24	22	92%	-7.6	-4.6	-1.6
05	MI	0685	Michigan Dept Of Environmental Quality-Air Quality Division	28	8	8	28	8	8	29	8	6	24	22	92%	-13.3	-7.4	-1.5
05	MN	0700	Minnesota Pollution Control Agency, Division Of Air Quality	11	8	8	13	8	8	20	8	8	24	24	100%	-0.4	3.7	7.9
05	MN	407	Minnesota Chippewa Tribe, MN (Leech Lake Band)	1	5	0	1	5	0	1	5	0	15	0	0%			
05	OH	0012	Akron Regional Air Pollution Control Agency	3	5	5	3	5	5	3	5	5	15	15	100%	-15.1	2.4	19.9
05	OH	0151	Canton City Health Department Air Pollution Control	2	5	5	2	5	6	2	5	5	15	16	100%	-7.7	-3.3	1.0
05	OH	0220	City of Toledo, Environmental Services Division	3	5	6	3	5	5	3	5	4	15	15	100%	-17.2	-9.5	-1.7
05	OH	0229	Cleveland Air Pollution Control Agency	6	8	8	6	8	8	6	8	8	24	24	100%	-13.1	-4.0	5.0
05	OH	0287	Dayton Regional Air Pollution Control Agency	4	5	5	4	5	5	4	5	3	15	13	87%	-12.9	-8.3	-3.6
05	OH	0595	Lake County Health Department Division Air Pollution Control	1	5	4	1	5	5	1	5	4	15	13	87%	-17.8	-10.1	-2.3
05	OH	0634	Mahoning-Trumbull Air Pollution Control Agency	3	5	5	3	5	5	3	5	5	15	15	100%	-11.2	4.6	20.3
05	OH	0805	Ohio EPA, Central District Office	3	5	2	3	5	3	3	5	2	15	7	47%	-12.9	-0.9	11.2
05	OH	0807	Ohio EPA, Northeast District Office	1	5	1	1	5	1	1	5	2	15	4	27%	-22.8	-5.8	11.2
05	OH	0808	Ohio EPA, Northwest District Office	1	5	0	1	5	1	1	5	1	15	2	13%	-188.7	-2.6	183.6
05	OH	0809	Ohio EPA, Southeast District Office	3	5	2	3	5	2	3	5	1	15	5	33%	-15.8	-10.1	-4.3
05	OH	0880	Portsmouth City Health Dept Division Air Pollution Control	2	5	4	2	5	5	2	5	3	15	12	80%	-20.2	-12.5	-4.7
05	OH	1259	Hamilton County Department Of Environmental Services	11	8	8	9	8	8	9	8	7	24	23	96%	-10.0	-6.8	-3.6
05	WI	1175	Wisconsin Dept Of Natural Resources, Air Monitoring Section	22	8	6	18	8	8	18	8	5	24	19	79%	-7.3	-3.7	0.0
06	AR	0055	Arkansas Department Of Environmental Quality	17	8	8	15	8	8	12	8	7	24	23	96%	-18.0	-11.5	-4.9
06	LA	1001	State Of Louisiana	16	8	8	15	8	6	15	8	6	24	20	83%	-23.8	-19.1	-14.3
06	NM	0017	Albuquerque Environmental Health Department, Air Quality Div	2	5	1	3	5	3	3	5	5	15	9	60%	-32.1	-3.7	24.8
06	NM	0765	New Mexico Environment Department	6	8	3	4	5	4	4	5	3	18	10	56%	-7.9	16.8	41.6
06	OK	0812	Oklahoma Dept. Of Environmental Quality Air Quality Division	5	5	6	5	5	5	9	8	5	18	16	89%	-7.7	-3.5	0.7
06	OK	807	Delaware Nation, OK	1	5	1	0	0	0	0	0	0	5	1	20%		1.3	
06	OK	927	Kaw Nation	0	0	0	1	5	0	1	5	0	10	0	0%			

				2011			2012			2013			3-Year			Bias (%)		
Reg	State	PQAO	PQAO Name	# Primary Monitors	# Required Bias Pairs	# Valid Pairs	# Primary Monitors	# Required Bias Pairs	# Valid Pairs	# Primary Monitors	# Required Bias Pairs	# Valid Pairs	# Required Bias Pairs	# Valid Pairs	% Comp	Lower Bound	Mean	Upper Bound
06	TX	1035	Texas Commission On Environmental Quality	21	8	7	21	8	7	23	8	8	24	22	92%	-16.3	-10.2	-4.2
07	IA	0613	Linn County Health Department	2	5	6	1	5	5	1	5	5	15	16	100%	-6.3	-2.9	0.5
07	IA	0874	Polk County Physical Planning	2	5	6	2	5	6	2	5	6	15	18	100%	-6.7	-0.6	5.4
07	IA	1080	University Hygenic Laboratory	21	8	6	19	8	7	19	8	10	24	23	96%	-3.9	0.1	4.0
07	KS	0563	Kansas Department Of Health And Environment	10	8	9	10	8	9	11	8	6	24	24	100%	-15.0	-11.7	-8.4
07	MO	0588	Missouri Laboratory Services Program	13	8	7	10	8	9	9	8	10	24	26	100%	-10.5	-4.2	2.0
07	NE	0752	Nebraska Department Of Environmental Control	3	5	2	3	5	4	3	5	5	15	11	73%	-20.7	-10.9	-1.2
07	NE	0816	Omaha-Douglas County Health Department	4	5	5	4	5	5	4	5	6	15	16	100%	-12.3	-0.2	11.9
08	CO	0240	Colorado Department of Public Health And Environment	16	8	5	16	8	4	14	8	5	24	14	58%	-21.9	-7.1	7.6
08	CO	750	Southern Ute Indian Tribe of Southern Ute Reservation, CO	2	5	3	2	5	5	2	5	1	15	9	60%	-17.5	-6.9	3.7
08	MT	0730	Mt Dept Of Environmental Quality, Air Quality Division	16	8	1	11	8	6	11	8	3	24	10	42%	-3.9	9.4	22.6
08	ND	0782	North Dakota State Department Of Health	8	8	1	8	8	7	9	8	7	24	15	63%	-12.8	-2.4	8.1
08	SD	0973	South Dakota Dept Environmental Protection Air Quality Prog	11	8	0	11	8	6	11	8	8	24	14	58%	-2.1	11.6	25.3
08	UT	1113	Utah Department Of Environmental Quality	13	8	6	12	8	7	12	8	6	24	19	79%	-13.7	-0.4	12.9
08	UT	1387	Enefit	0	0	0	1	5	0	1	5	0	10	0	0%			
08	UT	687	Ute Indian Tribe of Uintah & Ouray Reservation, UT	1	5	4	0	0	0	0	0	0	5	4	80%	-29.2	-20.6	-12.0
08	WY	1188	Wyoming Air Quality Division, Dept Of Environmental Quality	16	8	1	20	8	3	14	8	5	24	9	38%	-24.6	-17.4	-10.2
08	WY	1390	Tata Chemicals	1	5	0	1	5	0	0	0	0	10	0	0%			
09	AZ	0053	Arizona Department Of Environmental Quality	6	8	6	6	8	7	9	8	8	24	21	88%	-14.9	-9.0	-3.2
09	AZ	0643	Maricopa County Air Quality	6	8	3	8	8	7	7	8	8	24	18	75%	-7.8	1.4	10.5
09	AZ	0864	Pima County Health Department	2	5	5	2	5	5	2	5	5	15	15	100%	-35.4	-25.6	-15.8
09	AZ	0865	Pinal County APCD	3	5	6	3	5	5	3	5	6	15	17	100%	3.2	12.6	22.1
09	AZ	615	Salt River Pima-Maricopa Indian Community of Salt River Rese	1	5	5	1	5	5	1	5	6	15	16	100%	-35.3	-30.1	-24.9
09	CA	0086	Bay Area Air Quality Management District	10	8	7	13	8	3	11	8	6	24	16	67%	-3.9	9.7	23.4
09	CA	0145	California Air Resources Board	59	8	7	66	8	10	63	8	11	24	28	100%	-13.6	-3.5	6.6
09	CA	0942	San Diego County Air Pollution Control District	8	8	5	10	8	7	8	8	6	24	18	75%	-11.1	-7.9	-4.8
09	CA	0972	South Coast Air Quality Management District	20	8	7	20	8	7	19	8	10	24	24	100%	-15.2	-10.3	-5.4
09	CA	586	Pechanga Band of Luiseno Mission Indians of Pechanga Reserva	1	5	4	1	5	5	1	5	4	15	13	87%	-16.6	16.8	50.3
09	HI	0481	Hawaii State Department Of Health	11	8	4	12	8	5	13	8	5	24	14	58%	5.4	13.8	22.3
09	NV	0226	Clark County, NV DAQEM	3	5	3	4	5	4	5	5	4	15	11	73%	-8.7	10.5	29.8
09	NV	0757	Nevada Division Of Environmental Protection	0	0	0	0	0	0	2	5	0	5	0	0%			
09	NV	1138	Washoe County District Health Department	1	5	3	2	5	4	3	5	3	15	10	67%	-2.5	11.1	24.7
10	AK	0015	Alaska Department Of Environmental Conservation	12	8	3	11	8	6	9	8	5	24	14	58%	-4.8	14.5	33.7
10	ID	0511	Idaho Department Of Health And Welfare-Environment Division	6	8	6	6	8	5	6	8	7	24	18	75%	-3.9	2.1	8.0
10	ID	180	Shoshone-Bannock Tribes of Fort Hall Reservation of Idaho	0	0	3	0	0	1	0	0	1	0	5		-61.6	45.1	151.8
10	OR	0821	Oregon Department Of Environmental Quality	16	8	5	15	8	3	14	8	6	24	14	58%	-13.5	-9.2	-4.9
10	WA	1136	Washington State Department Of Ecology	11	8	5	14	8	4	13	8	7	24	16	67%	-23.3	-14.8	-6.3
	NP	0745	National Park Service	2	5	0	2	5	0	2	5	0	15	0	0%			

Attachment 6

2011-2013 Additional Data Processing Details

This attachment documents some of the data processing details.

Metadata

Building 3-year QA reports requires characteristics about each monitor, including time periods the monitor was designated as primary, time periods the monitor was designated for collocation, date ranges for methods operated, date ranges for which the data was subject to exclusion from comparison to the NAAQS, and other attributes. Acquisition and processing of such metadata are described in this section.

Acquiring Data
An AMP 500 was extracted from AQS for parameter 88101 ($PM_{2.5}$) for all 10 EPA Regions on 6/23/2014. One extraction was made for all three years, 2011-2013. Later, one monitor was discovered in the completeness work for which there was no metadata. A second AMP 500 extraction was made to acquire metadata for this one monitor.

Processing AQS Data
The AMP 500 data was read by 100_ReadMonitorQualifiers.sas. The AMP 500 comprises several types of attributes (each as separate transactions). The types of transactions read and retained for this work include:

Transaction Type	Description
MB	Sampling begin and end dates
MC	Monitor type begin and end dates
MD	Agency role begin and end dates (PQAO)
MJ	Collocation begin and end dates; begin and end dates for those primary monitors that are collocated
MM	Method code begin and end dates
MN	Network begin and end dates
MO	Primary begin and end dates
MX	NAAQS exclusion begin and end dates

Processing of the metadata was accomplished with a sequence of programs: 103_CheckSampling, 104_ComparePrimary, 110_process_data_qualifiers, 115_Primary_wo_NAAQS_exclusion, and 140_PQAOmap. The basic steps of these programs are described below.

First, two general comments about transactions. Transactions with begin dates after 12/31/2013 or end dates before 1/1/2011 were excluded since they represent time frames outside the range of this QA report. Also, it is possible for there to be multiple transactions of the same type for one monitor for 2011-2013. For example, a monitor may be the primary monitor in 2011 and 2013

but not in 2012. In this case, there will be 2 MO transactions. In cases of multiple transactions of the same type, this means there are discontinuities in that attribute. Short discontinuities, those lasting a day or two, were usually filled in to simplify coding.

NAAQS exclusion records associated with a non-null standard ("standard" being one of the fields on an MX transaction) were omitted, as per instruction from AQS. Dates identified as NAAQS exclusion were removed from date ranges for which a monitor was identified as primary. Note that in some cases this resulted in the monitor being primary for discontinuous periods of time.

Dates a monitor is identified as being primary are listed on an MO transaction. If a primary monitor is collocated, then the dates the site is primary may also be listed on an MJ transaction, although the primary monitor that is collocated is not required to have an MJ transaction record, as per AQS. Consistency in the reporting of primary monitors via these two types of transactions was investigated. For 2011-2013, there are 1246 monitors (site-poc) listed as primary either on an MJ or MO transaction. Of these, 414 are listed as primary for collocation. Of these 414, 29 are NOT listed with an MO transaction. That is, not all monitors listed as being primary for collocation are listed as primary for the purpose of comparison to the NAAQS via an MO transaction. For this report, all subsetting to primary monitors was accomplished using only the information in the MO transactions. That is, the information about primary dates on the MJ transactions was ignored. Also, it is noted that multiple monitors may be identified as collocation monitors for the same site on the same day. That is, collocation monitors are not necessarily uniquely identified.

Since it is possible to fill in missing values at a primary monitor using data from collocated monitors, it should be considered whether to limit precision and bias comparisons only to monitors identified as primary in future QA reports. Additionally, daily or 1-in-3 day sampling is accomplished at some sites by the use of multiple monitors. In such cases, if the daily or 1-in-3 day "monitor" is also primary, it is not clear how many of the multiple monitors is designated as primary. If only one, then bias or precision pairs may be lost.

For this report, all network affiliations were allowed. Thus, it was not necessary to process MN transactions. Such processing was for curiosity only.

For PQAO, each monitor was assigned to the PQAO most current in the 2011-2013 time frame. For example, if a monitor was in PQAO A in 2011 and PQAO B for 2012 and 2013, then the data for this monitor were included in PQAO B for all of 2011-2013 since PQAO B is more current than PQAO A. For another example, if a monitor was in PQAO C in 2011-2013 and in PQAO D in 2014, the monitor was included in PQAO C for all of 2011-2012. Even though PQAO D is more current, it applies outside of 2011-2012 and thus is not considered.

During 2011-2013, occurrences of concurrent monitor types were found. For any given date and monitor, there were at most 2 concurrent monitor types. When there were concurrent monitor types, one of the types was "non-regulatory." In all cases, dates for the non-regulatory type corresponded to dates for NAAQS exclusion.

Data Processing Details for Routine Data Completeness Analyses

An AMP 430 was used for routine data completeness. These data were extracted from AQS on 6/4/2014. Attachment 1 includes data for all $PM_{2.5}$ monitors reporting $PM_{2.5}$ data under parameter code 88101. Summaries of routine data completeness are for primary monitors only for the time periods not identified for exclusion from NAAQS comparisons.

For months subsequent to the "end" month specified on the AMP 430, data capture was changed from 0 to blank so those subsequent months did not impact quarterly or annual capture rates.

Attachment 1 contains all sites with sampling begin and end dates that include some or all of 2008-2010, regardless of whether the site was designated as primary.

Data Processing for Flow Rate Analysis

This section describes the development of the database used to evaluate accuracy in flow rate. Observations with null value codes were excluded. All other flags had no impact on the development of this database.

Accuracy audit flow data were downloaded from AQS on 9/15/2014 as an AMP 502 report (precision and accuracy). An average percent difference was calculated for records that contained multiple accuracy measurements. Similarly, an average percent difference was calculated for multiple records with the same audit date.

Development of 2011-2013 Precision Database

For the years 2011-2013, precision data could be stored in AQS either as two independent data streams, each stream representing one of the two monitors, or as an RP transaction. Thus precision data must be extracted from AQS using 2 sources.

Acquiring Data
An AMP 501 was extracted from AQS for parameter 88101 for all 10 EPA Regions on 7/2/2014. An extraction was made for each year in 2011-2013. These files contain the independent data streams. An AMP 502 was also extracted from AQS for parameter 88101 for all 10 EPA Regions, selecting "P" transactions only (no "R" transactions). One extraction was made for all three years, 2011-2013, on 7/2/2014.

Processing AQS Data
The three AMP 501 files were read (300_read_amp501.sas). Hourly data were aggregated to daily values. Records had units of 73 (liters/minute STP), 105 ($\mu g/m^3$ local conditions [LC]), and 118 (liters/minute LC). Only records with units of 105 were retained. Hourly records with multiple methods within a day were omitted. There were 9 such site-poc-days.

The AMP 502 file was read (305_read_amp502.sas). Records with an audit agency number were omitted since these look like bias values (audit agency number was missing, 1099, or 1217). Records had units of 73 (liters/minute STP), 105 ($\mu g/m^3$ LC), and 118 (liters/minute LC). Only records with units of 105 were retained. Ten site-poc-day combinations had multiple records in the AMP 502. The records were identical except for the PrecisionID field. Since the records were

otherwise identical, duplicates were removed and just one of the records was retained. Some records had methods for both the Actual monitor and the Indicated monitor specified, but most had a method only for the Actual monitor. As per AQS, in the case of only one method, it is assumed that the method specified is that for the collocated monitor. To get the method for the primary monitor, one must go to the raw data records (like AMP 501). The code 306_InvestigateMethod_if_OnlyOne_onPandA.sas determined the method for the primary monitor for those records with just one method. A raw data record was found for all of these records. It was noted that in all cases with just one method on an RP transaction, the method on the raw data record was identical to the one method on the RP transaction.

Determining Precision Pairs

The AMP 501 data were used to create all possible pairs of monitors (310_PrecPairs_from_RawData.sas). First, daily values comprised of hourly measurements for which there are fewer than 18 (75% of 24) were omitted. Then, site-poc-dates associated with NAAQS exclusions were removed. Finally, only those pairs such that one was identified as primary and the other as collocation were retained. Information identifying the primary monitor, collocated monitor, and NAAQS exclusions was accessed from the metadata file described above. It is noted that there may be multiple monitors identified as collocated for the same site on the same day.

NAAQS exclusion dates were also removed from the RP transactions (311_PrecPairs_from_PandA.sas). It was noted, though, that no records were removed. Maybe the AQS AMP 502 extraction specified that NAAQS exclusions were to be removed.

Precision pairs from raw data and from RP transactions were combined (312_AllPrecPairs.sas). To do this, the issue of multiple collocation monitors at a site had to be addressed. This was handled as follows: (1) if the primary monitor was an FRM, only those collocation records with the same method as that of the primary were retained, and (2) if the primary monitor was an FEM, then the collocation records were separated into (a) one bin if the collocation monitor was an FRM and (b) a second bin if the collocation monitor was an FEM of the same method as that of the primary. So, raw data pairings of FRM method with dissimilar method and pairings of FEM methods with dissimilar FEM methods were deleted. The cases of FRM method pairing with dissimilar method are mostly the pairing of a primary FRM with a collocation monitor running method 170 or 181. Wyoming has 2 sites that are supposedly collocating a primary method of 118 with a collocation method of 117. The cases of FEM paired with dissimilar FEM are few (13) and are for 170 paired with 177.

After removing the cases of multiple collocation monitors per site-day, the precision pairs from the raw data streams were combined with the precision pairs from the RP transactions. For the records coming from both the raw data and RP data, it was possible to compare the concentrations from both sources. The primary concentration (from raw data) and the actual concentration (from RP data) were identical except for 2 cases where they differed by 0.4 or 0.5 $\mu g/m^3$. The collocation concentration (from raw data) and the indicated concentration (from RP data) differed by as much as -8 to +4. When there were records for the same site-day from both data sources, the precision data from the raw data stream was retained in preference to the RP data.

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