

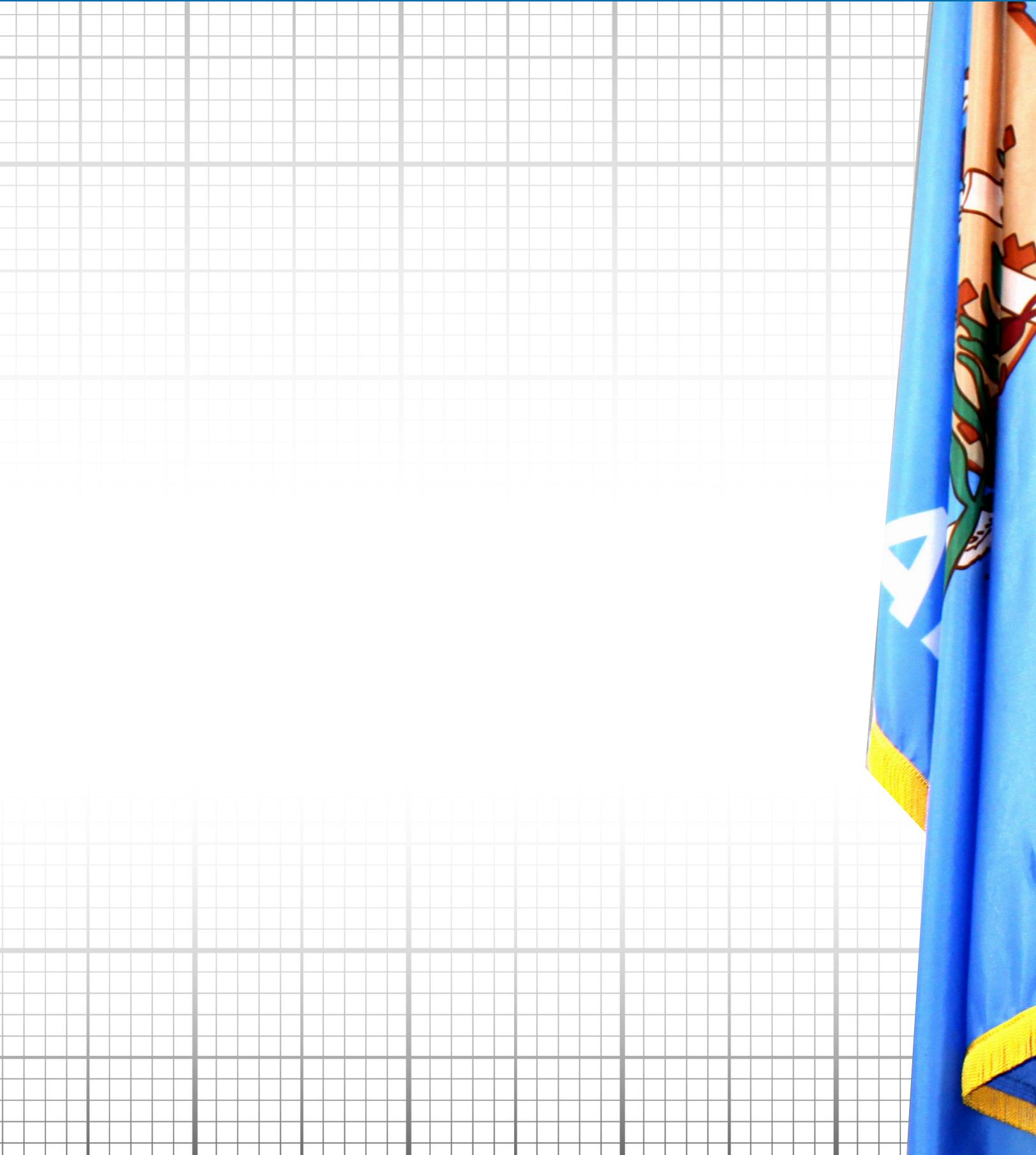


2014

Annual Report

O K L A H O M A
DEPARTMENT OF ENVIRONMENTAL QUALITY





Contents



Letter from the Executive Director	1
Environmental Board Members	2
Environmental Quality Board Rulemaking Activities	3
Air Quality Advisory Council	7
Hazardous Waste Management Advisory Council	9
Solid Waste Management Advisory Council	10
Radiation Management Advisory Council	11
Water Quality Management Advisory Council	12
Waterworks & Wastewater Works Advisory Council	13
Laboratory Services Advisory Council	14
Employee of the Quarter	15
Mission Statement	16
Organizational Chart	17
Environmental Quality Report	18
Total Agency Budget	31
Solid Waste Fee Report	32
Hazardous Waste Fund	34
Agency Statistics	34

As I write this letter, I realize how quickly my first year as executive director has passed. Though a year of transition, the Oklahoma Department of Environmental Quality has made solid progress on many fronts, including streamlining our processes, increasing public outreach, and focusing more on customer service.

A major landmark this year was DEQ's formulation of a strategic plan that represents a fundamental shift in approach. Agency staff worked closely with several governmental entities and businesses to find practical solutions to major obstacles. Discussion is ongoing with communities, other state agencies, municipal and industrial representatives, and additional stakeholders regarding water reuse and conservation.

Additionally, the agency is pursuing a new outreach program targeted to small quantity hazardous waste generators. This type of program could be adapted to other DEQ programs. Further, we revitalized efforts to help small businesses in the state and attract new ones.

This has been a year with many rewarding moments and some challenges. In the short amount of time that I have been executive director, I have relied upon staff to help energize and focus our partnerships with state and federal stakeholders. DEQ continues to enhance communication with our counterparts on issues of common interest. Collaboration between the agency, communities, citizens, and state and federal leaders can help us build on accomplishments of the past.

For the first time in history, the decision was made to make this Annual Report available solely online. An electronic report saves money and helps us do our part to be a good environmental steward. The agency is looking at other ways to conduct business electronically as well.

DEQ's efforts now and in the future are a testament to the agency's capabilities. I am truly humbled to lead the incredibly talented and dedicated people who work at the agency. The hard work and expertise of more than 500 employees is what helps ensure the water you drink is safe, the air you breathe is clean, and the land you use is productive. It is an honor to look toward the future and continue serving all Oklahomans. Moving forward, we plan to encourage innovation, flexibility, and practicality within the bounds of law and common sense.



Environmental Quality Board Members



Top row from left to right: Tim Munson, Shannon Ferrell, Daniel Blankenship, Jimmy Kinder, Tracy Hammon, & David Griesel.
 Bottom row from left to right: Jerry Johnston, Steve Mason, Billy G. Sims, Loretta Turner, John Wendling, & Jan Kunze.
 Not pictured: Cheryl Vaught

MEMBER	PROFESSIONAL REALM	APPOINTING OFFICIAL	TERM EXPIRES
Tim Munson	Nonprofit statewide environmental organization	Governor	1/31/2018
Shannon Ferrell	Agriculture Industries	Governor	1/31/2015
Daniel Blankenship	Water Usage	Governor	1/31/2019
Jimmy Kinder	Rural Water Association	Governor	1/31/2017
Tracy Hammon	Petroleum Industry	Governor	1/31/2019
David Griesel	Solid Waste Industry	Governor	1/31/2017
Jerry Johnston	Local Governing Board of City or Town	Governor	1/31/2015
Steve Mason	Hazardous Waste Industry	Governor	1/31/2016
Billy G. Sims	Nonprofit Statewide Environmental Organization	Governor	1/31/2019
Cheryl Vaught	Nonprofit Statewide Environmental Organization	Governor	1/31/2017
Loretta Turner	Environmental Professional	Governor	1/31/2019
*John Wendling	Manufacturing Representative	Governor	1/31/2018
**Jan Kunze	Conservation District Representative	Governor	1/31/2016

*Chair
 **Vice-Chair

Environmental Quality Board Rulemaking Activities

CHAPTER	COUNCIL	SUBJECT	ADOPTED	TYPE	EFFECTIVE
100 SC 2 & Appendix Q	AQAC	Updating incorporation by reference and adopting a new Appendix Q.	2/21/14	<i>Permanent</i>	9/12/14
100 SC 5	AQAC	Amending Subchapter 5, regarding the current emission inventory reporting schedule for all minor source facilities registered under a Permit by Rule (PBR).	8/20/13	<i>Permanent and Emergency</i>	9/12/14 9/10/13
100 SC 7	AQAC	Amending Subchapter 7 to add a new Permit By Rule (PBR) for minor facilities and area sources in the oil and natural gas (O&NG) sector.	8/20/13	<i>Permanent and Emergency</i>	9/12/14 9/10/13
100 SC 17	AQAC	Amending Subchapter 17, Part 3, General Purpose Incinerators and Part 9, Commercial and Industrial Solid Waste Incineration Units (CISWI), to adjust enforceable requirements and compliance dates consistent with federal requirements that were revised February 7, 2013.	2/21/14	<i>Permanent</i>	9/12/14
100 Appendix E	AQAC	Amending Appendix E, Primary Ambient Air Quality Standards, to maintain consistency with the National Ambient Air Quality Standards for Particulate Matter less than or equal to 2.5 microns in diameter (PM2.5).	11/13/13	<i>Permanent</i>	9/12/14

CHAPTER	COUNCIL	SUBJECT	ADOPTED	TYPE	EFFECTIVE
205 SC 19	HWMAC	Revokes a portion of Subchapter 19 to make the existing state rules consistent with changes to the Oklahoma Statutes.	11/13/13	<i>Permanent</i>	9/12/14
301 SC 9	LSAC	Incorporates by reference the most recent EPA required and analytical methodologies for drinking water, wastewater and solid waste.	11/13/13	<i>Permanent</i>	9/12/14
302 SC 9	LSAC	Incorporates by reference most recent EPA approved methods for environmental testing.	11/13/13	<i>Permanent</i>	9/12/14
410 SC 1, 10 & 20	RMAC	Incorporates by reference most recent changes to federal radiation management regulations.	11/13/13	<i>Permanent</i>	9/12/14
515 SC 19	SWMAC	Amends 252:515-19 for wheel washes due to expiration of the funding mechanism.	2/21/14	<i>Permanent</i>	9/12/14
515 SC 35	SWMAC	Amends 252:515-35, Oklahoma Recycling Initiative, in order to streamline application process for municipalities.	2/21/14	<i>Permanent</i>	9/12/14
515 SC 41	SWMAC	Amends 252:515-41 to make existing rules consistent with changes to the Oklahoma statutes.	2/21/14	<i>Permanent</i>	9/12/14

CHAPTER	COUNCIL	SUBJECT	ADOPTED	TYPE	EFFECTIVE
606 SC 1, 5, 11 & Appendix G	WQMAC	Incorporates by reference most recent changes to federal regulations on wastewater discharges and adds certain technical requirements for effluent and control testing.	11/13/13	<i>Permanent</i>	9/12/14
606 SC 1, 3 & Appendix D	WQMAC	Updates state rules to show correct sections of 40 CFR incorporated by reference in Chapter 606. Amends the provision allowing the initial stormwater permit fee to cover the subsequent 12 months. Revokes Appendix D to move fee language to the body of Chapter 606.	2/21/14	<i>Permanent</i>	9/12/14
626 SC 3, 5, 9, 11 & 19	WQMAC	Amends requirements for public water supply systems for construction permit procedures, on-site laboratory facilities, treatment and disinfection processes, chemical safety and water distribution standards.	11/13/13	<i>Permanent</i>	9/12/14
631 SC 1 & 3	WQMAC	Incorporates by reference most recent federal regulations on public water supply systems, allows implementation of revised Total Coliform Rule and updates certain requirements for PWS.	11/13/13	<i>Permanent</i>	9/12/14

CHAPTER	COUNCIL	SUBJECT	ADOPTED	TYPE	EFFECTIVE
656 SC 3, 5, 11, 21, 23, 25, 27	WQMAC	Amends standards for construction of water pollution control facilities, including standards for wastewater and water reuse, supplemental treatment, land application of reclaimed water and water reuse distribution systems.	2/21/14	<i>Permanent</i>	9/12/14
690 SC 1 & 3; Appendices B & J	WQMAC	Incorporates by reference most recent changes to federal rules pertaining to implementation of water quality standards and amends flow and temperature requirements, bacteriological indicators, listing of pollutants with water quality criteria and includes a mathematical formula for background monitoring.	11/13/13	<i>Permanent</i>	9/12/14
710 Appendix A	WQMAC	Clarifies classification levels for water and wastewater systems and laboratories and their operators.	2/21/14	<i>Permanent</i>	9/12/14

Air Quality Advisory Council

MEMBER	PROFESSIONAL REALM	TERM EXPIRES
**Gerald A. Butcher	Utility	6/15/2020
Montelle Clark	General Public	6/15/2019
Gary Collins	Agriculture	6/15/2017
J. Kelly Dunkerley	Local Government	6/15/2015
David Gamble	Petroleum	6/15/2019
Jim Haught	Transportation	6/15/2021
Laura Lodes	Engineering	6/15/2020
Robert Lynch	Higher Education	6/15/2018
*Sharon Myers	General Industry	6/15/2016

*Chair

**Vice-Chair

The Air Quality Advisory Council (AQAC) is authorized by the Oklahoma Clean Air Act to provide a public forum to discuss air quality issues and hold public hearings as part of the Department of Environmental Quality's rulemaking process. Once approved by the nine-member panel, proposed rules are recommended to the Environmental Quality Board (EQB). Upon EQB adoption, the rules proceed to the state Legislature and Governor for final approval and adoption.

At its January 2014 meeting, AQAC members elected Sharon Myers as Chair and Gerald Butcher as Vice-Chair. Changes made by the Oklahoma Legislature to the Administrative Procedures Act in the 2013 session, along with Governor Fallin's Executive Order 2013-34,

have impacted the rulemaking process for the agency with regard to deadlines and effective dates. Rules passed in 2013 and February of 2014, which were submitted to the Governor and the legislature during the 2014 legislative session, will have a delayed effective date because the Legislature did not take action on DEQ and other state agencies' rules before adjourning. The rules were to become effective on July 1, 2014, but the effective date was delayed until September 12, 2014. These rules include:

- The new permit by rule (PBR) for minor facilities and area sources in the oil and natural gas sector (OAC 252:100-7, Permits for Minor Facilities). The PBR will streamline the permitting process for qualifying minor facilities. This rule was

recommended by the AQAC as both a permanent and an emergency rule (emergency rule was effective September 10, 2013). The permanent rule supersedes the emergency rule.

- A companion proposal to the PBR changes (OAC 252:100-5 Registration, Emission Inventory and Annual Operating Fees) which amends the current emission inventory reporting schedule for all minor source facilities registered under a PBR. The emergency adoption of the rule (effective September 10, 2013) allowed DEQ the option to use more accurate site specific data for the 2014 NEI. This rule was also adopted as a permanent rule, which supersedes the emergency rule.

- Update of the Primary Ambient Air Quality Standards (OAC 252:100, Appendix E) to align Oklahoma's rules with recent changes made by EPA to strengthen the standard for fine particulate matter from 15.0 $\mu\text{g}/\text{m}^3$ to 12.0 $\mu\text{g}/\text{m}^3$.

In other rulemaking activity, the AQAC recommended for adoption the annual update of Appendix Q, Incorporation By Reference, to incorporate the latest modifications to federal regulations, and updating language in Subchapter 2, Incorporation By Reference, to reflect the latest date of incorporation of EPA regulations in Appendix Q. The

appendix is updated annually to incorporate federal regulations that will be enforced by the state.

AQAC recommended changes to rules relating to incinerators (OAC 252:100-17) to adjust enforceable requirements and compliance dates consistent with federal requirements that were revised February 7, 2013, for Commercial and Industrial Solid Waste Incineration Units (CISWI). The update incorporates changes required as a result of revisions to the emission guidelines in 40 CFR Part 60, Subpart DDDD for state plans under Sections 111(d) and 129 of the federal Clean Air Act (CAA), applicable to existing CISWI

units. Specifically, the rule moves the "commenced construction" date for a CISWI unit to be considered "existing" from November 30, 1999, to June 4, 2010, and covers a modification or reconstruction that commenced after June 4, 2010, but no later than August 7, 2013. These changes will also be included as part of the required update to Oklahoma's Section 111(d)/129 plan.

More information on the AQAC's activities can be accessed on the DEQ's website at http://www.deq.state.ok.us/AQDnew/council_mtgs/index.htm.

Hazardous Waste Management Advisory Council

MEMBER	PROFESSIONAL REALM	TERM EXPIRES
Eric Benson	Political Subdivision	3/1/2014
Bob Kennedy	Industry	3/1/2017
Noble Stanfield	Nonprofit Environmental Organization	3/1/2015
Wesley Anderson	Industry Generating Hazardous Waste	2/13/2015
Michael D. Graves	General Public	5/12/2015
Marsha Slaughter	Political Subdivision	3/11/2015
Terry Vandell	Geology	3/31/2016
**Ray Reaves	Engineering	3/31/2015
*Lee Grater	Hazardous Waste Industry	3/31/2017

*Chair

**Vice-Chair

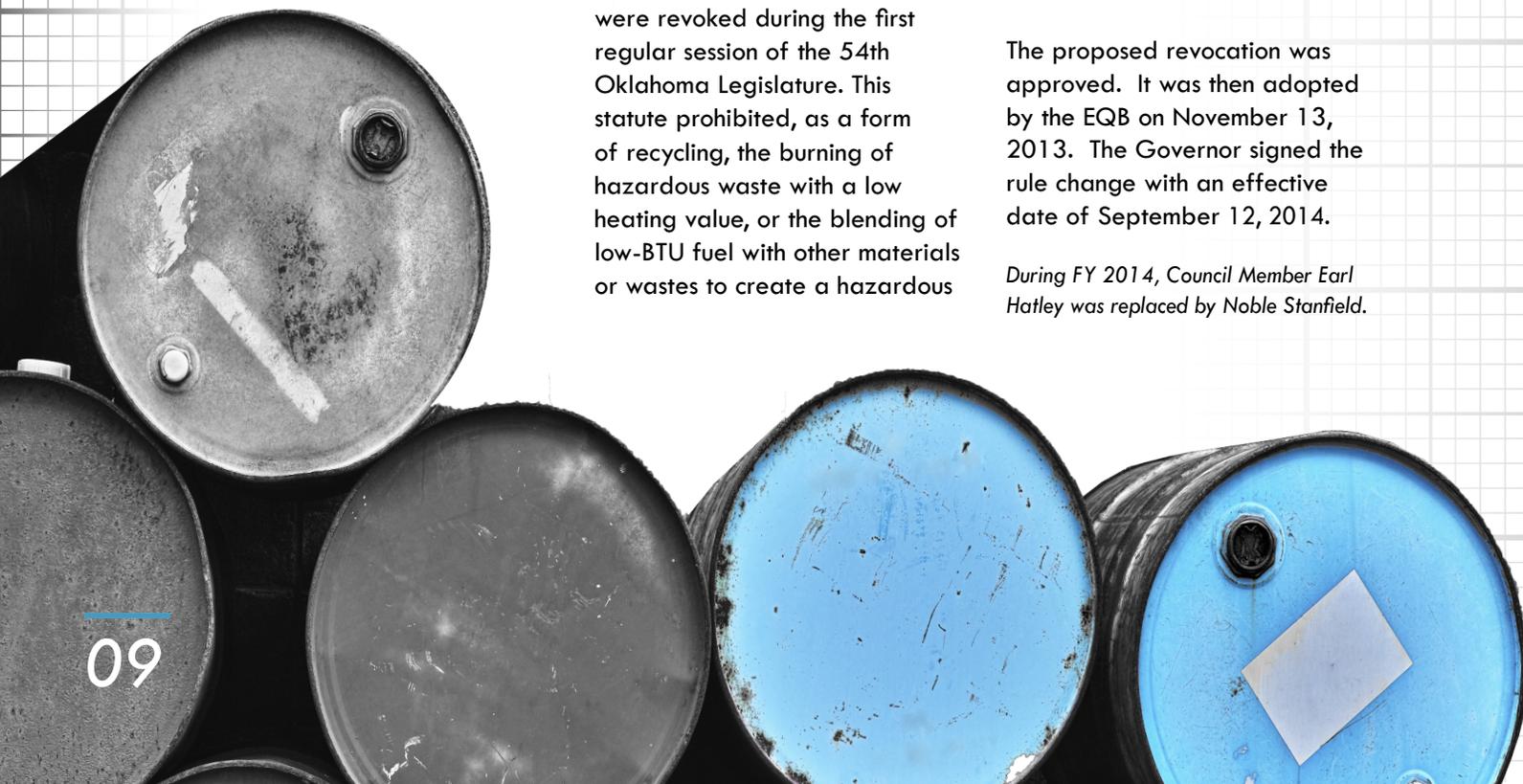
The Hazardous Waste Management Advisory Council (HWMAC) met October 10, 2013, for a rulemaking hearing.

DEQ proposed to revoke a portion of Subchapter 19 to make the existing state rules consistent with changes to the Oklahoma statutes. 27A O.S. § 2-7-118 (B) and (C) were revoked during the first regular session of the 54th Oklahoma Legislature. This statute prohibited, as a form of recycling, the burning of hazardous waste with a low heating value, or the blending of low-BTU fuel with other materials or wastes to create a hazardous

waste fuel. The revocation of Oklahoma Administrative Code ("OAC") 252:205-19-5 was proposed to reflect that deletion and to conform the state rules to the Oklahoma statutes.

The proposed revocation was approved. It was then adopted by the EQB on November 13, 2013. The Governor signed the rule change with an effective date of September 12, 2014.

During FY 2014, Council Member Earl Hatley was replaced by Noble Stanfield.



Solid Waste Management Advisory Council

MEMBER	PROFESSIONAL REALM	TERM EXPIRES
Matthew B. Newman	Solid Waste Incineration, Waste-to-Energy Industry	6/30/2016
Traci Phillips	Statewide Environmental Organization	3/1/2016
Ajay Kumar	General Public	3/1/2014
Rodney L. Cleveland	County Commissioner	3/1/2015
Steve Landers	Industry Generating Solid Waste	3/17/2017
**Jim Linn	Political Subdivision	3/1/2016
Bill Torneten	Geology	3/1/2015
Brenda Merchant	Transportation	12/4/2014
M. Todd Adcock	Solid Waste Disposal Industry	3/7/2017
*Jeff Shepherd	Engineering	10/31/2016

*Chair

**Vice-Chair

In 2013, the Solid Waste Management Advisory Council (SWMAC) met and discussed proposed amendments to the solid waste rules in OAC 252:515 "Management of Solid Waste".

Proposed changes included adding a new Subchapter 41 relating to

Roofing Material Recycling Facilities. Following discussions, it was decided a council workgroup would be created to evaluate roofing material recycling. This decision was approved.

On September 19, 2013, the Solid Waste Council reconvened and changes were discussed to update

outdated statutory and regulatory references and to delete wheel washing regulations which have statutorily expired. Furthermore, program fees and expenditures for the fiscal year were approved. On January 16, 2014, the Solid Waste Council met to adopt the proposed updates to outdated references.



Radiation Management Advisory Council

MEMBER	PROFESSIONAL REALM	TERM EXPIRES
Karen Jennings	Environmental Organization	7/1/2015
**Steve Woods	Engineering Profession	7/1/2017
Christopher Honigsberg	Industry which uses sources of radiation in its manufacturing or processing business	7/1/2013
Nadine Barton	General Public	1/3/2017
Wayne Conway	Industrial Radiography	3/3/2016
*George MacDurmon	Faculty of institute of higher learning of university status	1/4/2015
Eric Mitchell	Transportation Industry	6/30/2016
Shawn Heldebrandt	Medical Industry	6/30/2015
Chad Mashburn	Petroleum Industry	6/30/2017

*Chair

**Vice-Chair

The Radiation Management Advisory Council (RMAC) met in Tulsa August 15, 2013. RMAC recommended proposed amendments to the Oklahoma rules to bring them up to date with new federal rules.

This rulemaking adopts Nuclear Regulatory Commission regulations through incorporation by reference as of January 1, 2013, so that Oklahoma Rules are compatible with the federal rules. These changes were subsequently

adopted by the EQB at the November 13, 2013, meeting and will become effective September 12, 2014. In Addition, George MacDurmon was re-elected as Chair, and Steve Woods was re-elected as Vice-Chair.



Water Quality Management Advisory Council

MEMBER	PROFESSIONAL REALM	TERM EXPIRES
Jon Nelson	General Public	3/1/2017
Mike J. Paque	Environmental Organization	3/1/2015
**Jeffrey E. Short	Engineering	3/1/2016
Jim Rodriguez	Industry	3/16/2017
Steve Sowers	Oil Field Related	3/2/2015
*Duane Winegardner	Geology	3/2/2015
Greg McCortney	Local Government	6/30/2016
Terry Wyatt	Agriculture	6/30/2016
Debbie Wells	Rural Water District	6/30/2016

*Chair

**Vice-Chair

The Water Quality Management Advisory Council (WQMAC) originally was made up of nine members. Members who are appointed for three-year terms and represent a wide variety of interested parties. Members are

appointed by the Governor, the Speaker of the House, and the President Pro Tempore of the Senate. WQMAC typically meets three times a year in January, July and October. However, additional meetings are sometimes scheduled in order to

address a rule change that does not follow the regular meeting schedule.

Effective November 1, 2013, House Bill 1455 expanded this council to 12 members with additional members to be appointed as follows:

MEMBER	PROFESSIONAL REALM	TERM EXPIRES
Robert Carr	Waterworks or Wastewater Works Operator/Municipal	10/31/2016
Vacant	Waterworks or Wastewater Works Operator/Rural District	
Brian Duzan	Private Laboratory	3/1/2017

WQMAC reviews and recommends rules governing water quality to the Environmental Quality Board. Currently, 21 chapters of rules are under the authority of WQMAC. These include regulations for laboratory accreditations, laboratory services, public water supply, minor

public water supply, industrial and municipal wastewater, water and wastewater construction standards, pretreatment, biosolids, water reuse, Drinking Water State Revolving Fund, small public and private systems, septage pumpers and transporters, underground injection control,

implementation of water quality standards, and waterworks and wastewater works operator certification.

During FY 2014, WQMAC passed rule changes to Chapters 4, 606, 626, 631, 656, 690 and 710.

Waterworks & Wastewater Works Advisory Council

MEMBER	PROFESSIONAL REALM	TERM EXPIRES
Robert Carr, Jr.	OK Municipal League	6/30/2015
Bill Clark	Environmental Training Center/Higher Education	6/30/2013
Christopher T. Bridges	Environmental Training Center/Higher Education	6/30/2014
Allen McDonald	Waterworks Operator	6/27/2013
Karl Potochnik	OK Rural Water Association	7/8/2014
**Jon D. Nelson	Wastewater Works Operator	6/30/2015
Carl Gray	OK Water & Pollution Control Association	7/1/2015
*Arnold Miller	OK Water & Pollution Control Association	6/30/2015
Mark Matheson	OK Rural Water Association	6/30/2014

*Chair

**Vice-Chair

Effective November 1, 2013, House Bill 1455 eliminated this council and expanded the Water Quality Management Advisory Council.

The final Waterworks and Wastewater Works Advisory Council (WWWAC) meeting was held October 11, 2013, and no rulemaking action was taken by the WWWAC in FY14.

Laboratory Services Advisory Council

MEMBER	PROFESSIONAL REALM	TERM EXPIRES
Brian Duzan	Private Laboratory	7/1/2015
Ray Powers	Permit holders required to routinely submit laboratory analyses results to the Department	7/1/2013
James Roberts	Field of Hydrogeology	7/1/2014
Scott Haas	Private Lab	9/9/2015
William J. Janacek	Public Laboratory	9/9/2016
*Elaine Stebler	Microbiology	9/9/2014
Anthony Bright	Environmental Chemistry	2/1/2013
Kenneth Crawford	Private Lab	3/7/2014
**Matt Grimes	Permit holder	3/7/2014

*Chair

**Vice-Chair

Effective November 1, 2013, House Bill 1455 eliminated this council and expanded the Water Quality Management Advisory Council.

The final Laboratory Services Advisory Council (LSAC) meeting was held June 11, 2013. Therefore, no actions were taken by the LSAC in FY 2014.

Employees of the Quarter



Braxton Edwards

1st
Quarter



Steven Hoffman

2nd
Quarter

DEQ employees who demonstrate exceptional performance are recognized each quarter. Of the four Employees of the Quarter, one is selected as Employee of the Year. Braxton, Steven, Tom and Mary have proven to be excellent leaders, problem solvers and team members. They are all great examples of the work being done at DEQ.



Tom Bergman

3rd
Quarter

Employee of the Year



Mary Johnson

4th
Quarter

Mission Statement

*The Department of Environmental Quality
...to enhance the quality of life in Oklahoma and protect the health of its citizens by
protecting, preserving and restoring the water,
land and air of the state, thus fostering a clean, attractive, healthy, prosperous
and sustainable environment.*

Fiscal Year 2014 Goals

GOAL ONE:

Solve problems through effective processes and customer service approaches.

GOAL TWO:

Provide standardized, effective, timely and enforceable permitting processes.

GOAL THREE:

Provide services to citizens, businesses and local governments
on issues within the Department's mission.

GOAL FOUR:

Solve problems through a responsive, equitable and timely
environmental complaints process and emergency response system.

GOAL FIVE:

Provide consistent inspection, monitoring and enforcement
within the bounds of the Department's statutory jurisdiction.

Organizational Chart



Environmental Quality Report

*For consideration by the Environmental Quality Board on November 13, 2013
For submittal to the Governor and Legislature on or before
January 1, 2014*

The Department of Environmental Quality (DEQ) is required by statute annually to submit an “Environmental Quality Report” to the Governor, the President Pro Tempore of the Senate and the Speaker of the House of Representatives. The report outlines DEQ’s annual budgetary needs to provide the environmental services within its jurisdictional areas, any new federal mandates, and state statutory or constitutional changes recommended by DEQ. The Report must be reviewed and approved by the Environmental Quality Board prior to its submittal to the Governor and Legislature.

I. ANNUAL BUDGET REQUEST

As a result of action by the Oklahoma Legislature and Governor, DEQ received an increase in its state general revenue appropriation of \$1,500,000 for current State Fiscal Year (SFY) 2014, to \$9,057,973. DEQ also received legislative and gubernatorial approval for an Environmental Quality

Board-adopted fee increase that will produce about \$500,000 per year in additional funding. Both increases are for the public water supply supervision program.

Rather than ask for additional general revenue appropriations for SFY 2015, which begins July 1, 2014, DEQ believes its efforts should be focused on maintaining the SFY 2014 level of general revenue funding. As a result, DEQ will submit a standstill general revenue request of \$9,057,973 for SFY 2015.

DEQ’s total budget for SFY 2015 – including fee revenues and federal funds – is indeterminate as of the date of submittal of this report. In large part this is because of uncertainty over the federal budget and associated uncertainty over the level of federal grant funding which will be available to the states. The total DEQ budget for current SFY 2014 is roughly \$74,000,000, comprised of approximately 12% state general revenue funding, 24% federal funding, and 64% fee funding. Should federal funding substantially decrease, DEQ would have to reduce activities and/or secure additional state or fee funding.

II. FEDERAL MANDATES

AIR QUALITY DIVISION (AQD)

Ozone National Ambient Air Quality Standard

The current standard National Ambient Air Quality Standard (NAAQS) for ozone is 0.075 ppm, and the determination of attainment/non-attainment of that standard presently is based on the average of the fourth-highest value at each ozone monitor for calendar years 2008-2010. Based on data from those years, in October of 2011 the Governor recommended attainment designations for all of Oklahoma, and that recommendation was accepted by Region 6 of the U.S. Environmental Protection Agency (EPA) in a letter dated December 9, 2011.

The ozone seasons for 2011 and 2012 were especially challenging due to drought and high temperatures, resulting in exceedances of the standard at monitors across the state. The 2013 ozone season has been dramatically better, with no exceedances of the standard. However, most monitors in the Oklahoma City and Tulsa metropolitan areas are in violation of the standard for the three-year period of 2011-2013.



EPA currently is engaged in the mandated five-year review cycle for determining whether the ozone standard should be revised. It is doubtful EPA will revise the standard before late 2014.

The Oklahoma City and Tulsa metropolitan areas have submitted Ozone Advance plans that are designed to encourage reductions in emissions of ozone precursors. These measures could help bring the metropolitan areas back into compliance before the next round of designations. Other federal measures, some of which are outlined below, also could help achieve reductions necessary for the state to remain in attainment. The AQD will continue to work nationally and within the state on the implementation of these measures.

Sulfur Dioxide Ambient Air Quality Standard

In 2010 EPA established a new one-hour NAAQS for sulfur dioxide (SO₂) of 0.075 ppm. Ambient monitors within the state have shown values near the standard, but there have been no monitored violations of the standard. EPA originally stated that refined dispersion modeling should be used along with monitored values in determining whether sources have the potential

to cause or contribute to a violation of the standard. In March of 2011, EPA issued guidance that recommended modeling be conducted and evaluated when making SO₂ designation recommendations. After significant resistance from many states – including Oklahoma – regarding this position, EPA issued for comment two technical assistance guidance documents for monitoring and modeling to be used in making designation recommendations. It is likely EPA eventually will allow a combination of modeling and monitoring, but this policy determination will not be made until 2014.

Based on monitoring data, in 2011 the Governor recommended Muskogee and Tulsa counties be designated unclassifiable for SO₂, and the rest of the state be designated in attainment. AQD has compiled a list of sources deemed likely (based on modeling) to violate the standard. AQD will work with each of these sources to confirm this analysis and begin to prepare a plan for further evaluation, using both modeling and monitoring as appropriate. The goal is to work cooperatively with all affected sources to ensure that no areas of Oklahoma will violate the standard.

Cross-State Air Pollution Rule

In 2011, EPA finalized the Cross-State Air Pollution Rule (CSAPR), originally known (when proposed) as the Clean Air Transport Rule. This rule, which replaced the court-remanded 2005 Clean Air Interstate Rule, is designed to reduce the precursors of ozone and particulate matter (PM) from power plants in states east of the Rocky Mountains, allowing downwind states impacted by these emissions to attain the ozone and PM standards. These rules were promulgated under provisions in the Clean Air Act requiring that these impacts be mitigated. On August 21, 2012, the U.S. Court of Appeals for the District of Columbia vacated the CSAPR and remanded it to EPA. Since then, the U.S. Supreme Court has granted EPA's petition for review and will hear oral arguments in the appeal in December of 2013.

EPA has taken two concurrent tracks regarding ozone and PM transport: the judicial track outlined above, and a technical track in case the CSAPR rule is not reinstated. EPA is conducting extensive modeling to determine the downwind contribution each state, including Oklahoma, has on monitors violating the 2008 ozone standard. This is an update of the modeling used for the CSAPR rule, which focused



on areas violating the 1997 ozone NAAQS, the 1997 PM 2.5 NAAQS, and the 2006 PM 2.5 NAAQS. Results from the current modeling are not yet available, but the evaluation is based on the current ozone standard, so it is very likely that the results will show that Oklahoma emissions impact downwind monitors.

The AQD will consult with EPA and utilities within the state in evaluating the technical data as it becomes available.

Regional Haze Federal Implementation Plan

In March of 2011, EPA proposed to approve in part and disapprove in part the Regional Haze State Implementation Plan (SIP) submitted by DEQ. For the portions that were rejected, primarily related to the SO₂ controls recommended in the SIP, a federal implementation plan (FIP) was proposed. The court granted a request by EPA to extend the deadline for finalizing the federal plan until December 13, 2011. The final rule was published on December 28, 2011.

In response to the federal plan, the Oklahoma Attorney General filed a motion for declaratory and injunctive relief, seeking to overturn the federal plan, and asked the Tenth Circuit Court of Appeals to issue a stay of the FIP. The stay initially was granted, but in July of 2013, a

three-judge panel of the Tenth Circuit denied the Attorney General's petition for review of the federal plan, and lifted the stay. The Attorney General, Oklahoma Gas & Electric (OG&E), and the Oklahoma Industrial Energy Consumers have requested a rehearing en banc.

DEQ has worked with both Public Service Company of Oklahoma/American Electric Power (PSO/AEP) and OG&E in an attempt to resolve issues related to the FIP. On June 14, 2013, DEQ submitted a proposed Regional Haze SIP revision to implement terms of a negotiated agreement with PSO/AEP and EPA that would result in a phase-out and retirement of both coal units at the company's Northeast facility, with replacement generation accomplished by fuel-switching to natural gas, increased use of renewables, or purchased power. This plan is designed to allow PSO/AEP to meet all existing federal requirements covering all pollutants. EPA proposed approval of this revision on August 21, 2013 (78 FR 51686); a final decision is pending.

Clean Air Act Section 111(b) and 111(d) Rules for Utilities
Section 111 of the Clean Air Act directs EPA to establish nationwide uniform emission standards for new or modified stationary sources. New source

requirements are established under section 111(b) of the Act, while existing sources are addressed under 111(d). EPA was directed by the President as part of his Climate Action Plan to issue carbon standards for new and existing power plants and use the provisions in Section 111 to accomplish this directive.

On September 20, 2013, EPA proposed carbon standards for new electrical generation units, and it is expected to propose standards for existing units by June of 2014. Pursuant to the President's charge, EPA will include a requirement for state submittal of implementation plans no later than June 1, 2016. This is a very ambitious schedule for both rulemaking and state submittal of a SIP.

The AQD will begin working immediately to engage all affected stakeholders in the evaluation of the Section 111 process and the best scenarios for the implementation of these requirements. There almost certainly will be legal challenges to the proposals, but the prudent course of action is to explore options and have a plan ready if it is needed. The likely alternative would be implementation of a FIP.



LAND PROTECTION DIVISION (LPD)

Coal Combustion Residues

It remains uncertain how EPA will decide to regulate coal combustion residues (CCRs) from power generation, which currently are regulated under state waste laws. In 2010, EPA proposed alternative options to regulate CCRs, including possibly regulating them as a Resource Conservation and Recovery Act (RCRA) hazardous waste. Regulation as a hazardous waste may significantly curtail beneficial uses for CCRs, such as road construction.

EPA plans to issue an analysis of the potential health risks from beneficial reuse of coal ash in products such as cement. The results of the study are expected to influence EPA's final rule to either regulate coal ash as a hazardous waste or allow states to regulate it as a solid waste under certain baseline criteria. Congress has considered legislation that could remove the issue from the hands of EPA, but to date no bill has passed both houses of Congress.

WATER QUALITY DIVISION (WQD)

General

Based on the \$1,500,000 increase in general revenue

appropriated to DEQ and the \$500,000 increase in public water supply (PWS) fees effective July 1, 2013, DEQ has applied for and been granted provisional primacy from EPA for implementing the drinking water program, including three previously non-delegated elements. This will allow for the shift of rule implementation from EPA to DEQ for the Long-term 2 Enhanced Surface Water Treatment Rule, Stage 2 Disinfection Byproducts Rule, and the Groundwater Rule.

EPA currently has almost 30 rulemaking actions with scheduled effective dates on or before January 2014 that apply to wastewater or drinking water facilities. The rules and legislation described below are expected to have the most impact to state water programs and DEQ in the next one to two years.

Safe Drinking Water Act Rules

EPA continues to plan to regulate perchlorate and hexavalent chromium and to modify the Arsenic Rule. These will require additional staff time for compliance assistance, inspections, and enforcement. The cost of implementation and level of DEQ funding will determine whether EPA or DEQ will administer the rules for perchlorate and hexavalent chromium. DEQ already has

primacy for the existing Arsenic Rule, so DEQ will be required to implement the changes to it.

EPA randomly selects water systems around the country to participate in mandatory monitoring for new contaminants of concern, pursuant to the various iterations of the Unregulated Contaminant Monitoring Rule. Historically, larger cities in Oklahoma, including Tulsa and Oklahoma City, have been selected. However, EPA now plans to include smaller communities. The direct impact to DEQ is through laboratory assistance provided to the selected communities. Ultimately, DEQ and public water supplies in Oklahoma will face additional regulations after the monitoring period is over, the data is analyzed, and new PWS rules are enacted.

In 2011 the United States Congress passed and the President signed the Reduction of Lead in Drinking Water Act. It has an effective date of January 4, 2014. This change will impact public water supply systems directly by substantially reducing allowable lead in components used in their distribution systems. EPA will not allow current inventory of spare parts (either at the system, distributor or manufacturer level) to be utilized after January 4, 2014.



Clean Water Act Rules

The oft-delayed Cooling Water Intake Rule (to reduce impacts to aquatic life from impingement and entrainment) is expected to be finalized in late November or December of 2013. It will increase the workload for WQD's permitting staff when drafting permit renewals for the majority of the large-quantity water users that WQD regulates, power plants in particular. There are many provisions that require review of site-specific data prior to implementing the rule in permits.

Additional federal changes impacting power plants are contained in the revised Effluent Limitations Guidelines and Standards for the Steam Electric Power Generating Point Source Category, which were published in the Federal Register on June 7, 2013. These have the potential to cause confusion by virtue of duplicative regulation under the Resource Conservation and Recovery Act and Clean Water Act, as well as increased costs to the facilities. DEQ anticipates some increased costs in applying the many new standards that must be analyzed in order to determine appropriate permit limits.

The Electronic Reporting Rule (mandating that all required National Pollutant Discharge

Elimination System reports, Notices of Intent and Notices of Termination be filed electronically into the federal data system), which was scheduled to be finalized by January 2013, has been published in the Federal Register and the comment period was open until December of 2013. EPA estimates the upfront costs to states to implement to be four to five million dollars, but asserts that the cost will be recovered in the second or third year of implementation. However, states that began early implementation have noted that there is not only an increase in capital costs to implement the program, but an increase in workload to provide the assistance to the regulated community in order to submit their data electronically. Additionally, those states have not seen any reduction – but rather an increase – in resources even after two to three years of implementation. Also, the draft rule includes a large expansion in the number and type of data elements that facilities and states will be required to report to the federal data system.

The National Pollutant Discharge Elimination System (NPDES) Program Update Rule will be proposed in two phases. It will have a wide range of impacts on program implementation

and the regulated community. Only Phase I has been shared with states and it contains 16 changes (including application form updates, changes to administrative processes, change to definition of criminal acts, etc.). EPA has described Phase II as addressing “more complex program issues.” Phase I of this rule alone is expected to cause a substantial increase in workload for the WQD permit writers. EPA had originally indicated an effective date in early 2013. It is now expected to be proposed in mid to late 2014.

The states learned of a new rule proposal related to the definition of “jurisdictional waters” by a press release. EPA has shared no information other than that the agency drafted the rule and submitted it to the Office of Management and Budget (OMB) on September 17, 2013. This rule will likely impact those that discharge wastewater and the state and federal agencies that issue those permits and water quality certifications. States and the regulated entities will not know how significant the impact will be until after the OMB review is completed and the rule is released for publication.

STATE ENVIRONMENTAL LABORATORY SERVICES DIVISION (SELS)

Analysis of Drinking Water Samples

As noted above, EPA recently granted DEQ provisional primacy for three public water supply rules: the Stage 2 Disinfection Byproducts Rule (DBPR), Groundwater Rule, and Long Term 2 Enhanced Surface Water Treatment Rule. Since 2006, the SELS has analyzed DBPR and Groundwater Rule compliance samples and reported data in a variety of formats, including directly to EPA. Throughout this time period, the regulated community has dealt with confusion, sampling violations, and lost dollars in the course of working directly with EPA. With DEQ's receipt of primacy it is anticipated that system scheduling, testing, technical assistance and compliance will improve.

Prior to the DEQ's assumption of primacy for the new rules, the SELS was the intermediary for the systems and EPA for sampling information, testing and compliance. State primacy will require additional technical support from DEQ's Water Quality Division and SELS to the smaller community systems through the provision of additional regulation

interpretation and electronic communications.

EPA's Method Update Rule (MUR)

On May 18, 2012, EPA finalized and published the Guidelines to Establishing Test Procedures for the Analysis of Pollutants under the Clean Water Act; Analysis and Sample Procedures. It contains new sampling and analytical methods for Clean Water Act pollutants. It also requires the utilization of 12 critical quality assurance (QA) elements for all analyses (where practical), which may be a burden and expense for some municipal and industrial labs. These new methods require incorporation into DEQ rules and provide a challenge for the SELS Laboratory Accreditation Section. Outreach and training to state-accredited labs and licensed laboratory operators on these newly implemented methods and QA requirements have required and will continue to require a substantial investment of time and resources by SELS.

EPA's Competency Policies

EPA's continued effort to ensure the quality and validity of environmental measurement data resulted in the re-emergence of a 2011 policy, Policy to Assure Competency of Laboratories, Field Sampling,

and Other Organizations Generating Environmental Measurement, and issuance of a second policy entitled Policy to Assure the Competency of Organizations Generating Environmental Measurement Data Under Agency-Funded Assistance Agreements, with an effective date of October 1, 2013. State natural resource agencies, Principal State Laboratories, and federal contractors have been and continue to be challenged in interpreting and complying with these policies. EPA Region 6 has yet to develop an implementation plan for these two policies.

III. LEGISLATIVE RECOMMENDATIONS

The following are DEQ's proposals for "request" bills for the 2014 Oklahoma regular legislative session.

SOLID WASTE PERMITS

By statute, solid waste facilities currently are permitted for "life of site". This terminology is ambiguous and problematic, especially for solid waste processing facilities and transfer stations. Additionally, once a permit for a new facility is issued, it exists indefinitely, regardless of whether the facility is ever constructed. The objectives of the proposed legislation are:



- To clarify that the statutory “life of site” permit duration is applicable to landfills, and that the permit term for other types of solid waste facilities is within the authority of the Solid Waste Management Advisory Council and the Environmental Quality Board to establish by rule.
- To allow the adoption of rules that would require a permittee to actually build and operate within a reasonable period, rather than holding an unused permit in perpetuity or having such a permit resurface years later for purposes of building and operating a landfill, processing facility, or other solid waste facility.

INTEREST ON BROWNFIELDS REVOLVING LOAN FUND

DEQ proposes to request legislation to create a dedicated, interest-bearing account for the Brownfields Revolving Loan Fund (RLF). Brownfields RLF funding originated through federal grants, and federal law requires that the income from federal grants be used for the same purpose as the grant. To maximize effectiveness and to provide capital for future cleanup projects, the Brownfields

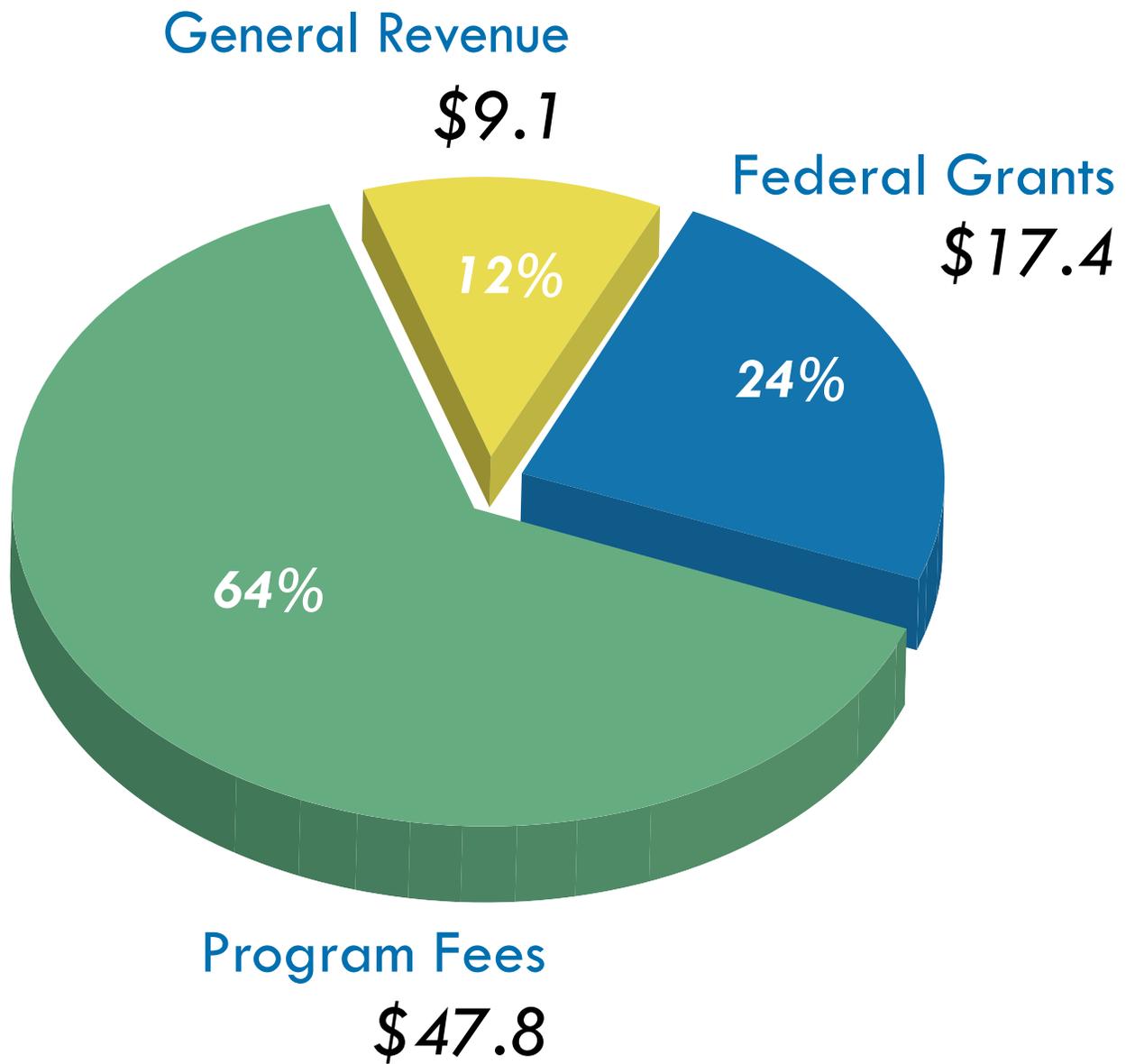
funds should be held in an interest-bearing account when not loaned. Repayment of outstanding Brownfields loans begins in 2015, so legislative action in 2014 would be timely. Brownfields funding provides capital to remediate environmental contamination on properties that are slated for redevelopment. The funds can be used to spur cleanup of hazardous substances, petroleum, asbestos, lead paint, and biological vectors, and to repair mine-scarred land. The availability of these funds allows otherwise economically viable projects to move forward. Often development projects are halted due to the discovery of environmental impacts, and in general private lenders will not provide loans for environmental cleanup.

PROTECTION FOR “GOOD SAMARITAN” REMEDIATION ACTIVITIES

DEQ is considering a request for legislation to allow the remediation of Oklahoma lands and waters adversely affected by pollution by eliminating some liability concerns of Good Samaritans. A Good Samaritan is an independent third party who does not own the affected property and who did not create the pollution but who is willing to perform cleanup. The purpose of the legislation

is to stimulate remediation of pollution resulting from historical mining activities, and potentially in other appropriate situations identified by DEQ. For example, the use of constructed wetlands to improve the water quality of abandoned mine discharges is a recognized technology to remove a large portion of dissolved metals. In some cases, a substantial improvement in water quality can be achieved but the treated water may not meet all water quality standards. This law would allow third parties to treat the water to improve the quality under a plan approved by the DEQ’s Voluntary Cleanup Program, which could include DEQ- and EPA-recognized exceptions from discharge permit requirements. This program would provide opportunities to Oklahoma’s colleges and universities to participate in remediation efforts at locations previously left untouched due to liability concerns. Their research and development could test and prove technologies while at the same time improving areas of the state that have not had a viable avenue for cleanup. The program will provide the benefit of improving the environment without allowing a potentially responsible party to escape liability.

Fiscal Year 2014 Total Agency Budget



Solid Waste Fees Budgeted & Expended -FY14

Fiscal Year 2015 (through 6/30/2014)			
	FY 2014 Budget for Solid Waste Program	FY 2015 Budget for Solid Waste Program	FY 2014 Expenditures/ Encumbrances 7/31/14
Personnel	2,826,698	2,831,607	2,637,832
(Salaries, Insurance, FICA, Retirement, Workers Compensation)			
Equipment	295,470	317,879	179,712
(Data Processing Equipment & Software, Property, and Furniture)			
Travel	46,925	70,000	67,829
(In-state and out-of-state Mileage, Meals & Incidentals, Lodging)			
Miscellaneous Administrative Expenses	55,325	153,035	52,513
(Freight, Telecommunications, Informational, Exhibitions, Licenses, Membership, Utility, Copy Charges, Copier Lease)			
Indirect Cost	1,330,000	1,550,200	1,317,779
(Administrative Services and Information Technologies)			
Rent Expense	45,200	81,500	33,053
(Building Space, Telecommunication Equipment)			
Maintenance and Repair	100,200	73,643	120,910
(Equipment)			
Office and Shop	88,395	30,144	97,586
(Office Supplies, Data Processing Supplies, Lab Supplies and Services)			

Fiscal Year 2015 (through 6/30/2014) (Continued)

	FY 2014 Budget for Solid Waste Program	FY 2015 Budget for Solid Waste Program	FY 2014 Expenditures/ Encumbrances 7/31/14
Resource Materials	0	0	159
(Library Resources)			
Testing Laboratories	0	0	1,517
(Services providing physical, chemical and other analytical testing)			
Contracts			
SWRINO/Solid Waste Research Institute	110,000	90,000	90,000
Association of County Commissioners	40,000	35,000	35,000
Keep Oklahoma Beautiful	65,000	90,000	25,528
Trash Poster Contest	20,000		
Medical Monitoring	5,000	7,800	6,206
Oklahoma City Beautiful	10,000		
Legal/Court Reporting Services	2,000	4,150	1,984
Okmulgee Co. Conservation Dist.	100,000	180,000	86,380
Community Based Environmental Protection	500,000	472,486	10,010
Recycling Equipment-Local Governments	200,000		104,996
Land Reclamation	400,000		
Projects to Implement County Plans	400,000	627,514	400,000
Total Budget for Contracts	1,852,000	1,506,950	760,104
TOTAL	6,640,213	6,614,958	5,268,993
<i>Senate Bill 2127- Transfer from DEQ to Special Cash Fund of the State Treasury</i>			1,279,740

Hazardous Waste Fees Report

The Department of Environmental Quality Hazardous Waste Fund is authorized by the Hazardous Waste Fund Act, 27A O.S. § 2-7-301 et seq. There was \$20,493 in income to the Hazardous Waste Fund in FY 2014, derived from administrative penalties associated with violations of the Oklahoma Hazardous Waste Management

Act, 27A O.S. § 2-7-101 et seq. According to Section 2-7-304 of the Hazardous Waste Fund Act, monies in the Hazardous Waste Fund may be used for protection of public health and safety, basic emergency response training and protective equipment, environmental

response and remediation, and assistance to local governments with development of emergency response plans. In FY 2014 DEQ used these funds to provide mercury collection and disposal services for 23 Oklahoma households and for four emergency removals of hazardous wastes.

Administrative Services

Public Information & Publications	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Total
Designs/Illustrations/Graphics Produced	150	107	160	203	620
Brochures/Flyers Produced	4	5	8	17	34
Fact Sheets Produced	3	1	0	3	7
Publications/Reports Produced	4	0	1	3	8
Newsletters Produced	1	1	0	1	3
Web Applications/Pages Developed	1	2	2	2	7
Information Dissemination and Environmental Education	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Total
Conferences/Displays	4	1	10	14	29

Information Dissemination and Environmental Education (Continued)	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Total
Environmental Education packets/ information distributed	55	33	40	74	202
Web Requests	0	1	4	3	8
Media Relations	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Total
Press Releases	19	12	7	27	65
Responses to Media Inquiries	84	35	48	92	259
Interviews	77	34	39	76	226
Central Records	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Total
Requests	2,280	2,228	2,042	2,027	8,577
Reviews	30	23	10	13	76
Imaged & Sent For Destruction (Boxes)	165	148	141	128	582
Subpoenas	2	0	1	2	5

Air Quality

Ambient Monitoring	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Total
Continuous Monitoring Systems	47	47	47	47	47
Non-continuous Stations	14	17	20	20	71

Ambient Monitoring (Continued)	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Total
Toxics Stations	9	9	10	10	38
Number of Air Samples Collected (continuously/hourly)					
Ozone (in thousands)	35.3	34.9	35.1	35.7	141.0
Sulfur Oxides (in thousands)	15.2	15.3	14.7	14.9	60.0
Total Oxides of Nitrogen	8.7	8.6	8.3	8.2	33.9
Nitrogen Dioxide-NO ₂ (in thousands)	8.7	8.6	8.3	8.2	33.9
Nitrogen Oxides-NO (in thousands)	8.7	8.6	8.3	8.2	33.9
Carbon Monoxide (in thousands)	4.4	4.4	4.1	4.3	17.2
Special Purpose (in thousands)	14.8	15.1	15.0	21.1	66.0
PM-10 (in thousands)	2.2	2.2	2.0	2.2	8.6
PM-2.5 (in thousands)	18.7	19.1	18.8	18.1	74.7
Number of Air Samples Collected (non-continuously/hourly)					
PM-10	161	171	204	134	670
PM-2.5	295	291	303	294	1,183
PM-Coarse	98	107	96	104	405
Toxics	332	348	298	344	1,322
Lead	24	25	37	37	123
Compliance					
Number of days when ozone was within the 8-hour NAAQS	82	92	90	89	353
Number of total monitors demonstrating compliance (out of 47 total)	36	36	36	36	36

Excess Emissions Monitoring	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Total
Excess Emissions Report	588	459	490	346	1,883
Emissions Inventory	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Total
Billings					
Companies with Major Facilities	125	1	0	0	126
Companies with Major and Minor Facilities	48	0	0	0	48
Companies with Minor Facilities	327	5	0	0	332
Inventory Received					
Companies	7	1	631	146	785
Facilities	60	1	1,996	3,650	5,707
Enforcement Administration	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Total
Air Enforcement					
Notices of Violation	5	4	2	3	14
Formal Actions	6	5	10	7	28
Level III Violation Letters	5	13	14	14	46
Alternate Enforcement Letters	36	27	24	28	115
Self Disclosures Received	47	26	41	42	156
Asbestos Actions	1	0	0	0	1
Fines Paid (in thousands of dollars)	34.082	53.268	54.493	248.394	390.237
SEP Dollars (in thousands)	21.514	0	16.22	15.332	53
Total Number of SEPs	1	0	1	1	3
Reductions in Tons of Emissions from Enforcement Actions	0.27	597.87	2433.8	26	3058

Enforcement Administration (Continued)	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Total
Complaints Resolved within 90 Days	9	7	9	10	35
Complaints Unresolved, but still within 90 day deadline	6	8	4	4	22
Total Complaints	15	15	13	14	57
Total Facilities in significant Non-compliance	37	33	37	38	145
New Facilities in significant Non-compliance	6	3	3	4	16
Air Inspections	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Total
Monitoring Inspections (from ECLS)	12	42	14	28	96
On-Site Compliance Evaluations	105	104	96	140	445
Off-Site Compliance Evaluations	1,118	865	1,345	862	4,190
Asbestos Inspections	116	76	110	115	417
Stack Tests Observed	7	7	2	4	20
Stack Tests Reviewed	356	360	253	371	1,340
Lead-Based Paint	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Total
Lead Based Paint Certification					
Inspector	0	0	0	5	5
Risk Assessor	2	0	2	73	77
Abatement Worker	0	6	1	29	36
Supervisor	0	2	1	59	62
Project Designer	0	0	0	2	2

Lead-Based Paint (Continued)	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Total
Firm	2	3	2	77	84
Lead-Based Paint Compliance Inspections	0	4	4	9	17
Lead-Based Paint Enforcement Actions	0	0	0	1	1
<i>LBP Enforcement Actions resulting in LBP contractor returning to substantial compliance with program requirements</i>	0	0	0	1	1
Lead Based Paint Outreach					
Events	1	0	0	0	1
Participants	30	0	0	0	30
Permit Administration	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Total
Construction Applications/Permits Issued					
Minor Received	416	253	243	316	1,228
Minor Issued	421	250	232	322	1,225
Major Received	14	6	7	5	32
Major Issued	16	5	4	6	31
PSD Received	0	2	2	4	8
PSD Issued	4	1	3	2	10
Operating Applications/Permits Issued					
Minor Received	528	873	531	627	2,559
Minor Issued	448	974	638	687	2,747
Major Received	38	26	28	34	126
Major Issued	46	34	28	43	151

Permit Administration(Continued)	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Total
PSD Received	0	0	0	0	0
PSD Issued	0	0	0	0	0
Title V Initials and Modifications Received	8	3	5	5	21
Title V Initials and Modifications Issued	10	8	7	8	33
Title V Renewals and Modifications Received	30	23	23	29	105
Title V Renewals and Modifications Issued	36	26	21	35	118
Acid Rain Received	2	1	0	8	11
Acid Rain Issued	0	0	1	3	4
Relocation Received	5	3	3	9	20
Relocation Issued	4	6	4	8	22
Applications Withdrawn	0	10	6	9	25
Title V Initial and Renewal Modifications Issued - Total	27	23	18	24	92
Title V Initial and Renewal Modifications Issued - Significant	6	3	2	3	14
Applicability Determination Received	19	10	11	21	61
Applicability Determination Issued	18	9	19	9	55
Permits Denied	0	0	0	0	0
Total Applications Received	1,022	1,174	823	1,018	4,037
Total Permits Issued	953	1,279	926	1,080	4,238

Permit Administration(Continued)	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Total
Minor Permit Status > 90 Day Timeline	96	99	113	101	409
Tests Observed	5	2	1	0	8
Performance Inspections	18	20	15	11	64
Permit Protest Hearings	0	0	0	0	0
Number of PSD Modeling Analysis Conducted	6	8	10	7	31
Number of Title V Air Permits Passing Federal Review	46	28	25	43	142
Public Information & Education	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Total
Clean Air Alerts					
Oklahoma City	2	0	0	0	2
Tulsa	2	0	0	0	2
Lawton	1	0	0	0	1
Rural Oklahoma	0	0	0	0	0
AQ Health Advisories	19	1	6	7	33
Environmental Education					
Events					
Conference Presentations	3	1	4	2	10
Conference Displays	0	0	0	0	0
Community Wide Events	0	1	0	1	2
Education Presentations					
K-12	0	1	1	2	4

Public Information & Education (Continued)	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Total
University	0	2	4	1	7
Community/Adult	1	3	0	2	6
Contacts	120	2605	786	7800	11311
Quality Assurance	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Total
Audits					
Continuous	43	42	44	45	174
Non-Continuous	13	14	13	15	55
Interlab	3	12	6	5	26
Data Validation	322	312	319	321	1274
Standards Certified	106	119	143	147	515
Filter Checks	128	112	129	113	482
Precision Tests	347	358	342	330	1377

Environmental Complaints & Local Services

Complaint Statistics	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Total
Total Spills/Complaints Received	954	559	732	931	3,176
Spills/Complaints Referred to Other Agencies	43	15	27	45	130

Complaint Statistics (Continued)	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Total
Total DEQ Spills/ Complaints Received	911	544	705	886	3,046
Spills Received	124	78	74	78	354
Water Quality Division	4	2	17	13	36
Air Quality Division	38	19	18	10	85
Land Protection Division - Solid Waste	73	57	38	54	222
Land Protection Division - Hazardous Waste	9	0	1	1	11
Complaints Received	787	466	631	808	2,692
Publicly-Owned Wastewater Facility & Lines	41	20	41	67	169
Private Wastewater Service Lines	55	33	74	102	264
Public Water Supply	91	39	48	28	206
Fish Kills	10	1	3	11	25
Unpermitted Discharge - Unknown Source	10	2	8	3	23
Unpermitted Discharge - Known Source	30	22	21	23	96
Industrial Stormwater	2	2	8	1	13
Industrial Wastewater Treatment	6	2	11	7	26
Fugitive Dust	22	19	28	42	111
Fugitive Dust - Fly Ash	2	0	5	0	7
Fugitive Dust - Grain Processors /Cotton Gin	2	2	3	1	8

Complaint Statistics(Continued)	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Total
Fugitive Dust - Sandblasting	3	6	0	6	15
Air Facilities Emissions	15	10	7	12	44
Odors	10	8	12	13	43
NESHAP Violations	12	4	2	6	24
Lead-Based Paint	1	1	1	3	6
Solid Waste Landfill Operation	0	3	2	2	7
Solid Waste Unpermitted Discharges	0	1	0	0	1
Tires	16	4	4	8	32
Hazardous Waste Facility Operation	6	1	0	2	9
Hazardous Waste Improper Disposal	6	3	7	2	18
Radiation	2	2	2	1	7
Underground Injection Control	0	0	0	0	0
Total Retention Lagoon - Lagoon	1	6	12	2	21
Total Retention Lagoon - Collection	0	0	0	3	3
Total Retention Lagoon - Land Application	0	1	0	0	1
On-site Sewage	132	76	131	154	493
Improperly Installed On-Site Sewage System (certified installation)	4	0	1	1	6
Improperly Installed On-Site Sewage System (non-certified installation)	8	10	8	19	45
Aerobic System Maintenance (system installed 2 years or less)	2	0	2	3	7

Complaint Statistics (Continued)	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Total
Malfunctioning Aerobic System	47	17	19	29	112
Private Water Supply	1	1	2	1	5
Open Burning	70	60	38	53	221
Open Burning - Brush	4	2	0	3	9
Open Burning - Burn Household Waste (trash service not available)	0	0	0	0	0
Unpermitted Disposal of Solid Waste	80	57	81	100	318
Unpermitted Disposal of Liquid Waste	29	14	14	36	93
Open Dumping - Construction/ Demolition Debris	4	3	4	4	15
Septage Pumpers & Haulers	2	1	5	4	12
Construction Stormwater	4	5	9	17	35
Construction Stormwater - Discharge Off-Site	37	21	11	36	105
Open Burning Copper Wire	4	2	3	1	10
Minor Water	1	0	0	2	3
Emergency Response	0	1	0	0	1
Complaint Responsiveness	495	335	459	560	1,849
Met 2 Working Day Response	87%	78%	76%	73%	79%
Inspection	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Total
Air Quality Air Inspections					
Monitoring Inspections	12	41	14	30	97
Solid Waste Inspections					

Inspection (Continued)	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Total
Monitoring Inspections	68	65	67	68	268
Public Water Supply					
Monitoring Inspections	619	641	547	890	2,697
Minor Water Systems	76	50	66	243	435
Municipal Wastewater					
Monitoring Inspections	150	219	231	259	859
Total Retention Lagoons Inspections					
Monitoring Inspections	165	122	98	156	541
Industrial Wastewater					
Monitoring Inspections	88	81	88	248	505
Stormwater					
NOT Inspections	96	156	100	214	566
Active Permit Inspections	44	12	14	16	86
No Exposure Inspections	23	44	63	45	175
Septage Pumps					
Inspections	17	5	156	39	217
TOTALS					6,081
ECLS Enforcement Administration	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Total
Enforcement Actions - Unpermitted Activities					
Notices of Violation					
Open Burning	1	1	0	0	2
Open Dumping	5	2	0	3	10

ECLS Enforcement Administration (Continued)	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Total
Fugitive Dust	0	0	0	1	1
Surfacing Sewage	3	3	1	2	9
Minor Water System	0	1	3	28	32
Certified Installers	1	0	2	1	4
Non-Certified Installers	1	3	1	1	6
Septage Pumpers/Haulers	0	0	0	0	0
Total Retention Lagoons	4	1	0	9	14
Highway Spill Remediation	0	0	0	0	0
Certified Soil Profilers	1	1	1	0	3
Formal Actions					
Open Burning	0	2	0	0	2
Open Dumping	14	5	16	5	40
Fugitive Dust	0	0	0	0	0
Surfacing Sewage	23	14	16	24	77
Certified Installers	1	1	1	0	3
Non-Certified Installers	3	1	5	3	12
Septage Pumpers/Haulers	0	0	0	0	0
Total Retention Lagoons	2	6	6	5	19
Highway Spill Remediation	0	0	0	0	0
Minor Water System	0	1	2	1	4
Certified Soil Profilers	0	0	1	1	2

ECLS Enforcement Administration (Continued)	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Total
Fines Paid					
Open Burning	\$0	\$530	\$0	\$0	\$530
Open Dumping	\$0	\$0	\$12,750	\$0	\$12,750
Fugitive Dust	\$0	\$0	\$0	\$2,500	\$2,500
Surfacing Sewage	\$0	\$450	\$0	\$0	\$450
Certified Installers	\$2,500	\$0	\$0	\$200	\$2,700
Non-Certified Installers	\$300	\$300	\$1,200	\$0	\$1,800
Septage Pumpers/Haulers	\$0	\$0	\$0	\$0	\$0
Total Retention Lagoons	\$5,501	\$1,325	\$334	\$11,190	\$18,350
Certified Soil Profilers	\$0	\$0	\$0	\$0	\$0
Highway Spill Remediation	\$0	\$0	\$0	\$0	\$0
Total					\$39,080
Permit Administration					
ECLS Requested Services					
Private Sewage					
Soil Tests	261	189	211	256	917
Existing System Inspections	22	55	13	27	117
Authorizations Issued	1,645	1,318	1,365	1,706	6,034
Alternative System Permits Issued	15	11	9	15	50
Septage Pumpers and Haulers					

Permit Administration (Continued)	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Total
Septage Pumper Licenses Issued	20	9	146	39	214
Water Quality					
Storm Water-Construction					
Authorizations Issued	273	286	271	276	1,106
Authorizations Terminated	94	88	46	114	342
Storm Water-Industrial					
Authorizations Issued	39	59	55	41	194
Authorizations Terminated	2	0	11	8	21
Individual Water Well Evaluation	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Total
Requested Services					
Private Water					
Water Well Inspections	5	2	3	5	15
Technical Assistance	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Total
Air Quality	4	3	2	5	14
Wellhead Protection	0	0	0	0	0
Hazardous Waste	5	2	0	3	10
Industrial WW	2	5	2	0	9
Solid Waste	4	1	5	6	16
Onsite Sewage	58	50	70	92	270
Private Water	11	0	3	4	18
Promote Soil Profile	13	10	4	27	54

Technical Assistance (Continued)	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Total
Public Water Supply	34	35	20	42	131
Stormwater	4	3	7	4	18
Tires	0	0	0	0	0
Total Retention Lagoon	11	11	21	31	74
Water Pollution Control	13	11	5	9	38
Septage Hauler and Transporter	1	1	1	0	3
TOTAL	160	132	140	223	655
On-site System Installer Certification	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Total
Renewal Training Attendees	25	137	91	0	253
New Certification Examinations					
Sub-surface Examinations	0	10	1	14	25
Lagoon Examinations	0	0	1	0	1
Aerobic Spray Examinations	13	4	1	2	20
Aerobic Drip Examinations	1	1	3	6	11
Low Pressure Dosing Examinations	0	0	0	0	0
Soil Profiler Certification					
Renewal Training Attendees	27	75	5	2	109
New Certification	1	1	0	0	2

Land Protection

Council Meetings	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Total
HWMAC Meetings/ Rulemaking Hearings	0	1	0	0	1
RMAC Meetings/ Rulemaking Hearings	1	0	0	0	1
SWMAC Meetings/ Rulemaking Hearings	1	0	1	0	2
Public Meeting for Permitting	1	1	1	2	5
Hazardous Waste	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Total
Permit Applications/ Plans Received	76	103	123	107	409
Permit Applications/ Plans Approved	73	95	120	102	390
Permit Protest Hearings	0	0	0	0	0
Number Approved Within Timelines	73	95	120	102	390
Percent of Sites on the GPRA 2020 List at which Site-Wide Corrective Action Construction is Complete					69%
Radiation	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Total
License Applications/ Amendments Received	78	85	72	86	321
License Applications/ Amendments Issued	100	102	121	109	432
Number Issued within Timelines	100	102	121	109	432

Solid Waste	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Total
Permit Applications/ Plans Received	99	103	150	116	468
Permit Applications/ Plans Approved	100	90	140	132	462
Permit Protest Hearings	0	0	0	0	0
Number approved within timelines	100	90	140	132	462
UIC	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Total
Permit Applications/ Plans Received	6	4	7	5	22
Permit Applications/ Plans Approved	6	4	9	5	24
Permit Protest Hearings	0	0	0	0	0
Number Approved within Timelines	6	4	9	5	24
Percent of Permits/Licenses Approved Within Timelines					100%
Citizen Outreach	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Total
Citizen Outreach - Mercury					
Number of Households from which Mercury was Collected for Recycling	5	4	6	8	23
Citizen Outreach - Radon					
Number of Radon Test Kits Requested from Homeowners and Schools					58
Number of Entries Reviewed for the National Radon Poster Contest					120
Citizen Outreach - Radiation Surveys					
Number of Radiation Surveys Performed	17	17	18	29	81

Citizen Outreach (Continued)	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Total
Citizen Outreach - Industrial Radiography					
Number of Industrial Radiography Exams Held	1	2	1	2	6
Number of Individuals taking Industrial Radiography Exams	30	92	62	113	297
Local Government Outreach					
Number of Local Governments Assisted with Trash Dump Cleanup and Improved Recycling Programs	2	1	1	1	5
Number of National Guard Armories Remediated & Available for Reuse	1	1	3	6	11
Number of Communities & Non-Profits Assisted with Brownfield Funding	17	17	13	30	77
Dollar Amount of Solid Waste Fees Reinvested in Local Projects					\$550,000
Land Restoration	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Total
Brownfields					
Number of Phase I/II Targeted Site Assessments	7	1	6	0	14
Number of Sites Cleaned Up Using Brownfield Revolving Loan Funds	5	0	0	0	5
Number of Brownfield Certificates Issued	0	1	0	0	1
Superfund					
Number of Preliminary Assessments and Site inspections Completed	5	1	3	2	11

Land Restoration (Continued)	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Total
Number of Active NPL Sites					14
Number of NPL Sites in State-Lead Operations and Maintenance					5
Number of Removals Conducted by DEQ					1
Number of Removals Conducted by EPA with DEQ Assistance					3
Number of DOD Facilities going through the CERCLA Process					27
Voluntary Clean-Up Program					
Number of Contaminated Sites in the VCP	105	106	104	101	Not cumulative
Number of Contaminated Sites Cleaned Up under the VCP	1	1	2	3	7
Governmental Entities					
Number of Governmental Entities Assisted with Restoration of Damaged Lands	3	2	3	3	11
Waste Tires					
Number of Community-Wide Collection Events Held	21	11	30	32	94
Number of Waste Tires Diverted from Illegal Dumping through Community-Wide Collection Events	19,420	20,442	10,906	37,791	88,559
Number of Illegal Tire Dumps Remediated	14	5	29	4	52
Number of Waste Tires Removed from Illegal Dumps	7,207	8,831	20,995	45,666	82,699
Total Number of Acres of Land for which Remediation was Completed at the most Contaminated Sites under the Brownfields, DOD, Superfund, & VCP Programs					161.82

Land Restoration (Continued)	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Total
Amount of Chat from the Tar Creek Superfund Site Marketed (tons)	34,078.14	4,395.73	0.00	0.00	38,473.87
Amount of Chat from the Tar Creek Superfund Site Disposed (tons)	130,050.31	117,235.80	140,462.29	0.00	387,748.40
Complaints	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Total
Number of Complaints Referred to LPD	18	15	10	12	55
Number of LPD Complaints Resolved < 90 days or Approved Extension	18	15	10	12	55
Percent of Complaints Resolved Within 90 Days or Approved Extension					100%
Enforcement Administration	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Total
Dollar Amount of Fines Paid	\$9,250	\$9,000	\$0	\$3,700	\$21,950
Number of Supplemental Environmental Projects	0	0	0	0	0
Dollar Amount of Supplemental Environmental Projects	\$0	\$0	\$0	\$0	\$0
Solid Waste					
Number of Notices of Violation Issued	1	0	0	2	3
Number of Orders Issued	1	0	0	2	3
Dollar Amount of Fines Paid	\$0	\$0	\$1,000	\$0	\$1,000
Number of Supplemental Environmental Projects	0	0	0	0	0
Dollar Amount of Supplemental Environmental Projects	\$0	\$0	\$0	\$0	\$0

Enforcement Administration (Continued)	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Total
UIC					
Number of Notices of Violation Issued	0	2	0	2	4
Number of Orders Issued	0	0	0	0	0
Dollar Amount of Fines Paid	\$0	\$0	\$0	\$0	\$0
Number of Supplemental Environmental Projects	0	0	0	0	0
Dollar Amount of Supplemental Environmental Projects	\$0	\$0	\$0	\$0	\$0
Waste Tires					
Number of Notices of Violation Issued	2	6	1	1	10
Number of Orders Issued	0	3	1	0	4
Dollar Amount of Fines Paid	\$0	\$0	\$0	\$0	\$0
Number of Supplemental Environmental Projects	0	0	0	0	0
Dollar Amount of Supplemental Environmental Projects	\$0	\$0	\$0	\$0	\$0
Non-Hazardous Industrial Waste					
Number of NHIW Certifications Reviewed	92	86	295	324	797
Total Enforcement Actions					111
Total Fines					\$32,200
Total SEPs					0
Total SEP \$					\$0

Inspection Programs	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Total
Hazardous Waste					
Number of Inspections at Oklahoma Hazardous Waste Generators, Transporters, & Non-Commercial Disposal Facilities	29	23	11	39	102
Number of Hazardous Waste Inspections at Oklahoma Military Facilities	1	0	0	3	4
Number of Inspections at Oklahoma Commercial Hazardous Waste Disposal Facilities	0	2	1	4	7
Number of CME/OAM Evaluations at Hazardous Waste Disposal Facilities	0	2	0	2	4
Radiation					
Number of Inspections at Oklahoma Licensees	32	35	33	45	145
Solid Waste					
Number of Inspections at Oklahoma Solid Waste Disposal Facilities	99	110	113	118	440
UIC					
Number of Inspections at Oklahoma UIC Wells	0	5	0	5	10
Waste Tires					
Number of Inspections at Oklahoma Waste Tire Processors	18	18	18	18	72
Number of Inspections of Tire Dealers and Motor License Agents	0	14	9	0	23
Total number of inspections performed					807

Waste Reduction & Sustainability	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Total
Pollution Prevention					
Number of Customer Assistance Events (Workshops, Seminars, Webinars, etc.)	0	0	1	2	3
Number of Individuals/Organizations Receiving Waste Reduction/P2 Training	0	50	20	175	245
Number of P2 Assistance Tools Developed & Disseminated	50	500	250	200	1,000
Number of Site Assistance Visits	2	4	5	5	16
Number of P2 Contacts Via Telephone/Email	15	10	5	10	40
Number of Business Sectors Targeted for P2 Outreach	2	3	3	3	11
Sustainability					
Number of Recycling/Sustainability Projects Ongoing					0
Number of Recycling/Sustainability Public Presentations or Exhibits	0	1	2	5	8
Number of Recycling/Sustainability Publications/Articles (new, updated, edited)					0
Recycling Information					
Number of Recycling Exhibits Prepared	3	6	5	27	41
Number of Public Recycling Presentations	17	14	11	34	76
Number of Recycling Presentations to Schools	14	11	6	29	60

Waste Reduction & Sustainability (Continued)	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Total
Total Number of DEQ Recycling Publications					0
Number of New DEQ Recycling Publications Developed	0	0	0	0	0
Number of DEQ Recycling Publications Distributed	118	101	117	184	520
Number of Recycling Training Events given	7	9	2	12	30
Total Number of Recycling Markets Identified in Oklahoma					0
Number of New Recycling Markets in Oklahoma Identified	1	2	1	0	4
Number of Waste Audits Performed	2	5	2	2	11
Special Recognition					
Number of New Businesses in the Oklahoma Star/ECO Programs	2	3	10	0	15
Total Number of Businesses in the Oklahoma Star/ECO Programs					110
Sara Title III	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Total
Community Right to Know (EPCRA)					
Tier 2 Reports Filed	711	278	45,807	3,412	50,208
Toxic Release Reports Filed	1,134	0	0	0	1,134
Industry Request for Guidance	808	1,032	5,995	1,291	9,126
CAMEO/Submit Instruction/Presentations	14	12	18	7	51
LEPC Meetings Attended	9	9	9	3	30
TRI Inspections Attended	1	0	0	1	2

Water Quality

TMDL Development	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Total
TMDLs Started	24	12	0	56	92
TMDLs Completed	11	4	6	26	47
Data Management	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Total
Ground Water					
Sites with GPS Correction	165	66	52	48	331
Enforcement Administration	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Total
Public Water Supply					
Boil Advisories	6	2	0	3	11
Notices of Violation	56	35	36	146	273
Consent / Final Orders	7	4	3	6	20
Fines Paid	\$4,125	\$6,000	\$13,281.50	\$437.50	\$23,844.00
Supplemental Environmental Projects	0	0	0	0	0
TOTAL number of SEPs	0	0	0	0	0
Municipal Wastewater					
Notices of Violation	24	31	8	15	78
Consent / Final Orders	18	17	7	15	57
Fines Paid	\$0	\$69,894	\$22,540.50	\$13,806	\$106,240.50
Supplemental Environmental Projects	0	0	0	0	0
TOTAL number of SEPs	0	0	0	0	0
Industrial Wastewater					

Enforcement Administration (Continued)	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Total
Notices of Violation	3	6	5	4	18
Fines Paid	\$5,566.33	\$1,500	\$6,000	\$15,950	\$29,016
Supplemental Environmental Projects	0	0	0	0	0
TOTAL number of SEPs	0	0	0	0	0
Stormwater					
Notices of Violation	4	1	0	3	8
Consent/Final Orders	1	0	2	0	3
Fines Paid	\$0	\$7,250	\$18,750	\$0	\$26,000
Supplemental Environmental Projects	N/A	N/A	N/A	N/A	0
TOTAL number of SEPs	N/A	N/A	N/A	N/A	0
Inspection	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Total
Public Water Supply					
Monitoring Inspections (from ECLS)	619	641	547	890	2697
Municipal Wastewater					
Monitoring Inspections (from ECLS)	150	219	231	259	859
Pretreatment Compliance	1	3	8	9	21
Pretreatment Audits	0	1	2	2	5
Compliance Evaluation Inspections	6	21	24	16	67
Compliance Sampling Inspections	0	1	0	0	1
Industrial Wastewater					

Inspection (Continued)	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Total
Monitoring Inspections (from ECLS)	88	81	88	248	505
Compliance Evaluation Inspections	12	12	5	4	33
Compliance Sampling Inspections	1	1	0	0	2
Stormwater					
Compliance/TA Inspections	80	130	64	66	340
NOT Inspections (from ECLS)	96	156	100	214	566
Active Permit Inspections (from ECLS)	44	12	14	16	86
No Exposure Inspections (from ECLS)	23	44	63	45	175
Operator Certification	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Total
Operator Training and Certification					
Approved Training Hours Provided	0 Program Discontinued				
New Certified Examinations					
Water Operator	154	297	141	230	822
Wastewater Operator	152	180	103	139	574
Water Laboratory Operator	21	38	33	22	114
Wastewater Laboratory Operator	31	34	16	17	98
Permit Administration	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Total
Water Quality Permitting					
Construction Applications/Permits Issued					
Public Water Supply Received	148	146	153	163	610

Permit Administration (Continued)	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Total
Public Water Supply Issued	135	147	141	138	561
Water Well Received	7	9	13	9	38
Water Well Issued	7	6	14	8	35
Municipal Wastewater Received	79	86	96	113	374
Municipal Wastewater Issued	75	97	88	98	358
Municipal Wastewater Applications/Permits Issued					
Discharge Applications Received	8	10	14	23	55
Discharge Permits Issued	17	9	6	9	41
Industrial Wastewater Applications/ Individual Permits Issued					
Applications Received	17	18	17	17	69
Permits Issued	21	14	15	25	75
Stormwater					
Construction Authorization Processed (from ECLS)	273	286	271	276	1106
Multi-Sector Industrial Authorization Processed (from ECLS)	39	59	55	41	194
Other Industrial General Permits					
Applications Received	6	139	42	12	199
Authorization Issued	23	23	166	18	230
Other Municipal General Permits					
Applications Received	3	1	1	0	5

Permit Administration (Continued)	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Total
Authorization Issued	1	2	0	1	4
Sludge Management Applications/Plans Approved					0
Applications Received	1	3	2	3	9
Plans Approved	1	3	2	3	9
Total Permits Issuance >Timelines	13	8	7	10	38
Total Permit Protest Hearings	0	0	0	0	0

State Environmental Laboratory Services

Laboratory Operations	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Total
Laboratory Tests Performed					
Public Water Systems	4,902	6,769	5,368	6,302	23,341
Private Citizens	2,263	1,331	1,132	1,931	6,657
DEQ Project Support	974	681	616	974	3,245
OWRB	8,842	3,845	2,884	3,653	19,224
Proficiency Tests-Primacy	31	64	31	29	155
Proficiency Tests-Non-Primacy	5	17	35	27	84
TOTAL					52,706

Laboratory Operations(Continued)	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Total
Program Support and Maintenance					
QAP Update	1	0	1	0	2
Primacy					
New Instruments to Support New Methods					0
New Equipment to Support New Methods					0
Replacement Instruments	6	1	0	3	10
Replacement Equipment	1	0	0	0	1
New Methods Implemented	2	0	0	0	2
Audits	2	23	1	0	26
Process Improvements	11	12	8	11	42
Non-Primacy					
New Instruments to Support New Methods	0	0	2	0	2
New Equipment to Support New Methods	0	0	0	0	0
Replacement Instruments	0	0	0	1	1
Replacement Equipment	0	0	0	0	0
New Methods Implemented	0	0	0	0	0
Audits	0	0	0	0	0
Process Improvements	4	1	2	7	14
TOTAL					100

Meeting & Training	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Total
Primacy	8	3	2	3	16
Non-Primacy	2	0	3	11	16
Primacy					
Technical Training Events	26	41	10	77	154
Ethics Training Events	4	0	2	58	64
Non-Primacy					
Technical Training Events	13	7	7	7	34
Developmental Training Events	2	4	7	6	19
Special Operations	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Total
Emergency Response					
Primacy					
Field Events	18	3	4	8	33
Laboratory Tests	168	3	5	12	188
Technical Assistance Events	5	1	0	2	8
Exercises	0	0	0	8	8
Non-Primacy					
Field Events	2	0	0	0	2
Laboratory Tests	0	0	0	0	0
Technical Assistance Events	0	0	0	0	0
Exercises	0	0	0	0	0
Complaints					
Field Events	3	4	3	5	15

Special Operations (Continued)	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Total
Laboratory Tests	54	48	67	142	311
Technical Assistance Events	5	3	1	2	11
Enforcement Assistance					
Field Events	0	0	3	0	3
Laboratory Tests	0	2	0	0	2
Technical Assistance Events	0	0	1	0	1
TOTALS	255	64	84	179	582
Customer Support	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Total
Technical Assistance Events					
Public Water Systems	1,763	1,419	1,256	1,115	5,553
Small Community	0	4	0	1	5
Large Community	0	0	1	0	1
Private Citizens	779	905	987	875	3,546
DEQ Project Support	6	3	23	29	61
OWRB	9	0	1	0	10
Other	8	6	15	8	37
Project Sampling Kits Provided					
Public Water Systems	2,784	1,483	1,301	2,558	8,126
Private Citizens	211	237	232	0	680
DEQ Project Support	0	0	5	57	62
OWRB	0	0	0	91	91
Other	0	0	3	0	3

Customer Support (Continued)	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Total
Targeted Outreach					
Primacy	6	4	7	10	27
Non-Primacy	9	7	10	18	44
QAPP Support					
QAPP Reviews	0	0	0	0	0
Project Planning Meetings	6	3	0	9	18
Fish Consumption Advisories					
Field Collection Events	6	3	3	11	23
Advisories Evaluated	0	0	0	23	23
Technical Assistance	4	3	3	2	12
Special Deliverables	11	6	6	12	35
TOTALS	5,602	4,083	3,853	4,819	18,357
Laboratory Certification					
	Qtr 1	Qtr 2	Qtr 3	Qtr 4	Total
New Applications Received	2	0	3	1	6
Facility Inspections	3	2	15	4	24
Certificates Issued	139	12	9	3	163
Laboratory Services Accreditation Council Meetings	1	0	0	3	4

Administrative Hearings

Facility or Individual	Nature of Hearing	Outcome
Terra International (Oklahoma) 10-353	Permit modification	Administrative Hearing, Appealed to District Court.
Vacuum & Pressure Tank Truck Services 09-289	Hazardous waste violation	Administrative Hearings held.
Lafarge Building Materials and Systech Environmental Corporation 11-057	Tier III permit modification	Administrative Hearing. A final order issued dismissing the case.
Andy Monson 11-222	Improper Soil Profile	Administrative Hearing. A final order was issued, a fine assessed and paid.

Criminal Investigation Statistics

CIU Statistics	Total
Preliminary investigations	10
New cases opened	4
Cases carried over	9
Search warrants/consent search	11
Misdemeanor charges filed	0
Felony charges filed	2
Arrests made	24*
Misdemeanor convictions	8
Felony convictions	1
Court testimony	2
Months of prison/jail imposed	0
Months suspended or deferred sentence imposed	91 days
Criminal fines imposed	\$33,800.00
Restitution imposed	\$0.00

* Includes task force arrests in which DEQ CIU participated.



2014

