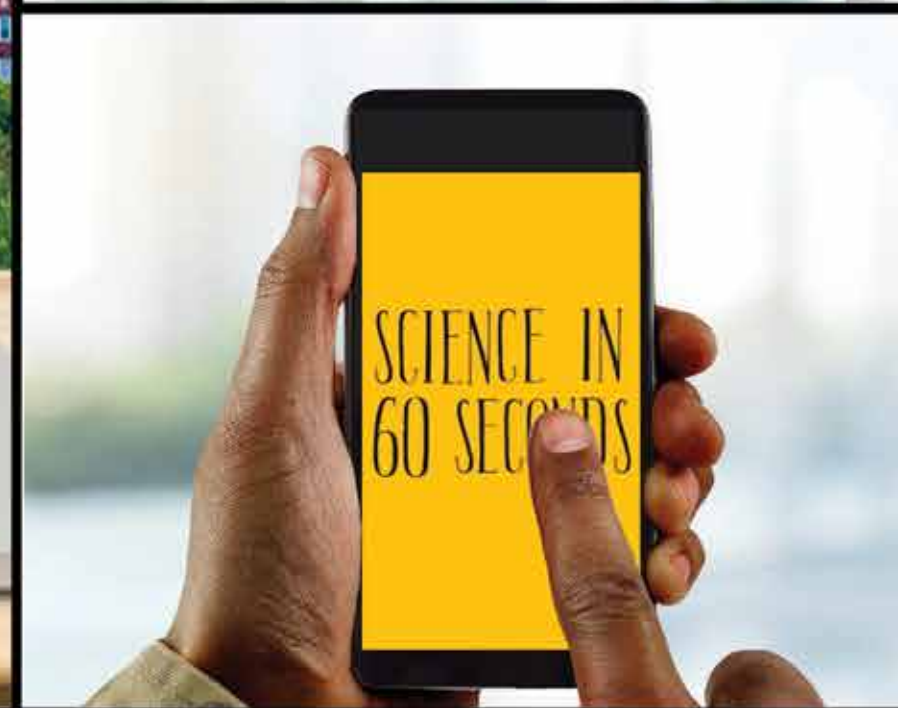


ANNUAL REPORT

Oklahoma Department of Environmental Quality



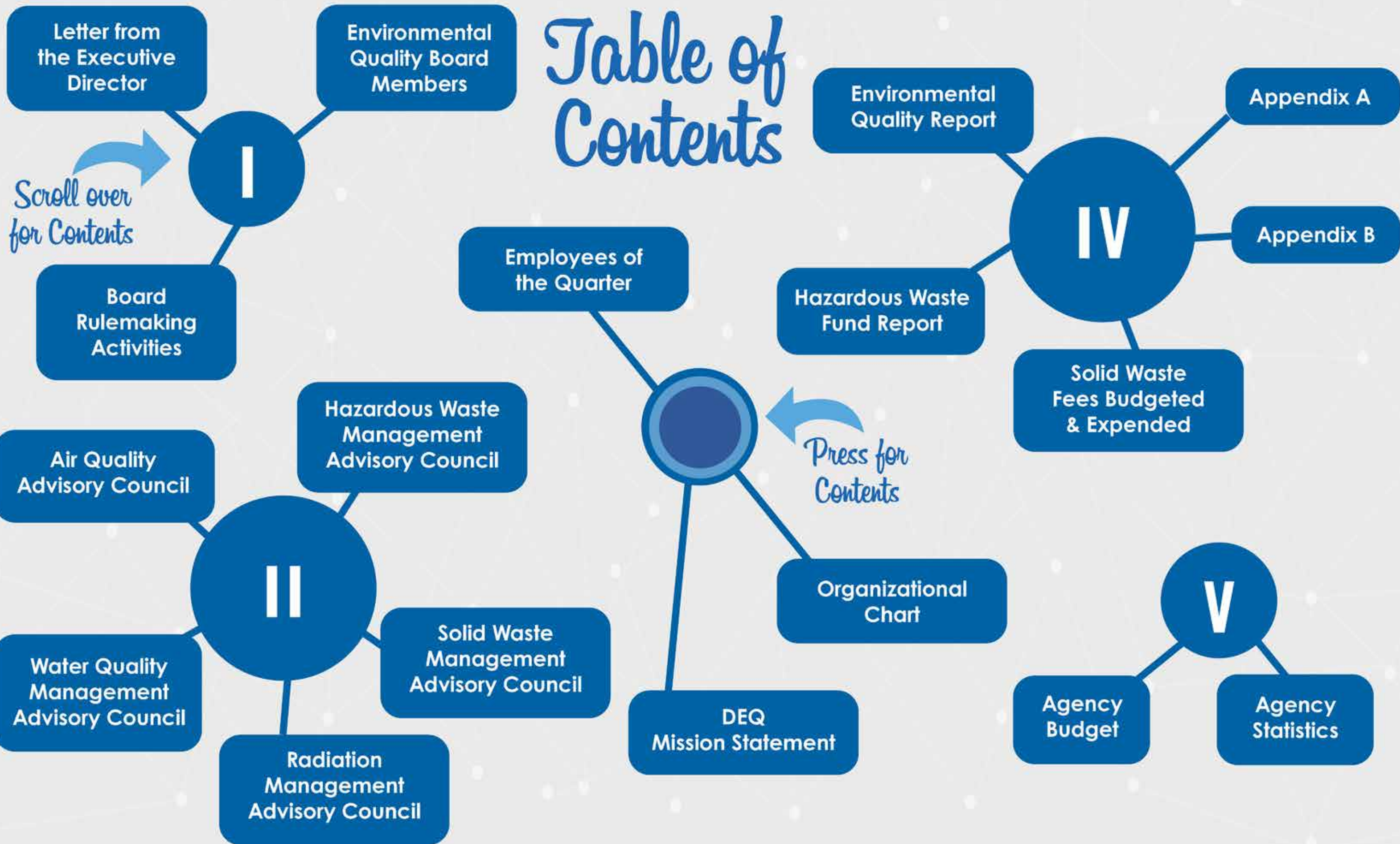
See Our New Website!



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Table of Contents





NEW POST



Scott@DEQ
Oklahoma City



In an ever more digital world, DEQ strives to stay ahead of the curve in the ways we use technology. As such, I am proud to introduce this year's annual report. As you will see, it is more video-driven and interactive than any annual report DEQ has ever created. As you click-through this year's report, you will notice an emphasis on educational videos for social media. Videos drive engagement on social media, and it is important that we reach our audience, and to reach our audience, we need to be where they are. As you well know, the world is on social media.

DEQ is able to spread the message of environmental stewardship through social media, outreach events, customer service opportunities, and many other ways including our annual report. DEQ's number one priority is protecting public health and the environment, and it is imperative for Oklahomans to understand how we achieve our goals. The annual report is designed to do just that. So, I invite you to take a little time to learn about DEQ, who we are, what we do, and how we do it. When you have finished reading this report, be sure to follow us on social media and see what DEQ is doing for you every day to make Oklahoma an even better place to live.

Sincerely,
Scott Thompson



COLLAPSE



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Environmental Quality Board Members



Kenneth L. Hirshey, Jr

Professional Realm	Appointing Official	Term Expires
Environmental Professional	Governor	1/31/2019

The Oklahoma Legislature established the Environmental Quality Board (EQB) comprised of Oklahoma citizens to provide guidance to the Department of Environmental Quality (DEQ). Board members have a variety of backgrounds in manufacturing, hazardous waste management, solid waste management, petroleum industry, agriculture, recreation, conservation, rural water systems, and statewide environmental groups. These members are appointed by the Governor, confirmed by the Senate and serve a five-year term. Responsibilities of the board are the appointment of DEQ's Executive Director and the adoption of rules that determine operation of the department.



Boardmaking Rule Activities



Pull chart
down with
mouse!

Chapter	Council	Subject	Adopted	Type	Effective
100 SC 2 and Appendix Q	AQAC	Updated language in Subchapter 2, reflecting the latest date of incorporation of U.S. Environmental Protection Agency (EPA) regulations in Appendix Q. Updated OAC 252:100, Appendix Q, incorporating the latest changes to EPA regulations.	11/9/18	Permanent	9/15/19
100 SC 39	AQAC	(1) Amended language in 252:100-39-40, cutback asphalt (paving), to correct the dates of Oklahoma's non-oxidant season to ensure cutback asphalt cannot be used during Oklahoma's extended ozone season; and (2) Amended language in 252:100-39-41, Storage, loading, and transport/delivery of Volatile Organic Compounds (VOCs) to allow for the use of alternative testing methods for leak inspections, to revise references used for pressure and vapor testing to the most recent EPA regulations, and update tank truck tag requirements to reflect current practices. (Amendments in 252:100-39-41 applicable in Tulsa County only.)	11/9/18	Permanent	9/15/19
100 SC 39	AQAC	(1) Amended 252:100-39-4, Exemptions, to remove an incorrect citation to a revoked rule; and (2) Amended 252:100-39-16, Petroleum refinery process unit turnaround, to update the timeframe listed as the non-oxidant season.	2/15/19	Permanent	9/15/19
205 SC 3	HWMAC	Incorporated by reference the federal hazardous waste regulations found in 40 CFR Parts 124 and 260-279, revised as of July 1, 2018. Federal rule changes are incorporated by reference including: (1) Establishing EPA user fees for electronic and paper manifests; (2) New EPA rules related to Confidentiality Determinations for Hazardous Waste Export and Import Documents; and (3) revisions to EPA's Definition of Solid Waste (DSW) rule resulting from court decisions vacating certain provisions.	2/15/19	Permanent	9/15/19
301 SCs 1, 3, 5, 7, 9	WQMAC	(1) Corrected typographical errors and included new definitions; (2) Added Escherichia coli to the basic environmental laboratory analytes for general water quality laboratories; (3) Added a fee to recover the actual cost for assessors' time and effort in performing on-site evaluations; (4) Substituted the term "evaluation" for the word "inspection"; (5) Clarified the circumstances and frequency for conducting on-site evaluations; (6) Deleted in 252:301-7-2 an unnecessary reference to the National Environmental Laboratory Accreditation Conference; (7) Amended 252:301-9-37 to incorporate the latest changes to EPA Primary Drinking Water Regulations, National Standards for Solid Waste Test Methods, and EPA Test Procedures for the Analysis of Pollutants; (8) Amended 252:301-9-51 to increase from three to five years, the retention time for records of analyte accredited analyses; (9) Amended 252:301-9-54, deleting an unnecessary reference to Inorganic Chemistry as "classic" chemistry and deleted the option to test spike duplicates once per month; (10) Added 252:301-9-57, Support equipment, to require laboratory support equipment be calibrated at least annually using traceable references when available and bracketing the range of use; and (11) Added temperature to 252:301-1-7(b) to the basic environmental laboratory analytes and added language in 252:301-1-9(e) to the onsite evaluation fee not to exceed \$10,000 per individual laboratory.	2/15/19	Permanent	9/15/19
302 SCs 1, 3, 5, 7, 9	WQMAC	(1) Corrected typographical errors and included new definitions; (2) Added a fee to recover the cost for assessors in performing on-site evaluations; (3) Substituted the term "evaluation" for the word "inspection" and clarified the language for conducting evaluations; (4) Amended 252:302-5-2 to delete redundant language and broaden the educational and training requirements of the laboratory technician; (5) Amended 252:302-5-6 to clarify the circumstances and frequency for conducting on-site evaluations; (6) Amended 252:302-7-1 to add a requirement that Proficiency Tests must be provided by a National Environmental Laboratory Accreditation Program proficiency testing provider; (7) Amended 252:302-9-25 to incorporate the latest changes to EPA Test Procedures for the Analysis of Pollutants; and (8) Amended 252:302-9-33 to include annual verification of all thermometers using a recognized national metrology institute such as National Institute of Standard and Technology.	2/15/19	Permanent	9/15/19
307 SCs 1, 7, 9	WQMAC	(1) Corrected typographical errors and included new definitions; (2) Amended 252:307-1-4 to incorporate the latest changes to EPA Primary Drinking Water Regulations, National Standards for Solid Waste Test Methods, and EPA Test Procedures for the Analysis of Pollutants; (3) Amended 252:307-1-5, Accreditation classes and fields of accreditation with the deletion of fields of accreditation in the heading; (4) Amended 252:307-1-7 to add a new fee to recover the actual cost for assessors' time and effort in performing onsite evaluations; and (5) Amended 252:307-9-8 to clarify the suspension policy for proficiency testing failure and to meet TNI requirements.	2/15/19	Permanent	9/15/19
606 SC 1	WQMAC	(1) Updated the rule concerning the date of incorporation by reference of certain federal regulations from July 1, 2016 to July 1, 2018; (2) Incorporation by reference update to modify the approved testing requirements for analysis and sampling under the Clean Water Act (Methods Update Rule); (3) Updated a rule that establishes two alternative procedural approaches a permitting authority can use to issue NPDES general permits for small MS4s to ensure the discharge of pollutants is reduced to the "maximum extent practicable"; and (4) Slight changes in the names of 40 CFR Parts 122.33-35.	11/9/18	Permanent	9/15/19

AQAC – Air Quality Advisory Council

HWMAC – Hazardous Waste Management Advisory Council

WQMAC – Water Quality Management Advisory Council



Air Quality Advisory Council

Member	Professional Realm	Appointing Official	Term Expires
Gerald A. Butcher	Electric Utilities	Governor	6/15/2020
Garry L. Keele II	General Public	Governor	6/15/2026
Gary Collins **	Agriculture	Governor	6/15/2024
Jeffrey P. Taylor	Local Government	Governor	6/15/2022
Gregory E. Elliott	Petroleum	Governor	6/15/2026
Jim Haught	Transportation	Governor	6/15/2021
Laura Lodes*	Engineering	Governor	6/15/2020
Robert D. Delano, Ph.D.	Higher Education	Governor	6/15/2025
Stephen Landers	Manufacturing	Governor	6/15/2023

* Chair **Vice Chair

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

AQAC members are appointed by the Governor for seven-year terms and represent a range of related professions as set forth in the Oklahoma statutes. This year the council voted to retain Laura Lodes, representing the Engineering profession, as Chair, and Gary Collins, representing the agriculture industry, as Vice Chair for the 2019 calendar year. Upon the expired term of Montelle Clark, Garry L. Keele II was appointed by the Governor to represent the general public.

Three meetings were held during fiscal year (FY) 2019. At the October 2018 meeting in Oklahoma City, the AQAC recommended for adoption the annual update of Appendix Q, Incorporation By Reference, to incorporate the latest modifications to federal regulations, and updated language in Subchapter 2, Incorporation By Reference, to reflect the latest date of incorporation of Environmental Protection Agency (EPA) regulations in Appendix Q. The appendix is updated annually to incorporate federal regulations relating primarily to New Source Performance Standards (NSPS) and National Emission Standards for Hazardous Air Pollutants (NESHAP) that will be enforced by the state.

Additionally, at the October meeting, the AQAC recommended for adoption by EQB the amending of 252:100-39-40, Cutback asphalt (paving), to correct the dates of Oklahoma's non-oxidant season, which should be December 1 through the last day of February. This change ensures that cutback asphalt cannot be used during Oklahoma's extended ozone season.

The AQAC also voted to recommend amending 252:100-39-41, Storage, loading and transport/delivery of Volatile Organic Chemicals (VOCs) to allow for the use of alternative testing methods for leak inspections, to revise references used for pressure and vapor testing to the most recent EPA regulations, and to update tank truck tag requirements to reflect current practices. The amendments in 252:100-39-41 are proposed for rules applicable in Tulsa County only.

The second meeting of FY19 was held in January 2019 in Oklahoma City. At the meeting, the AQAC recommended to EQB for adoption a new section 252:100-37-27, Control of emission of VOCs from aerospace industries coatings operations; amendments to 252:100-39-47, Control of VOC emissions from aerospace industries coatings; and an updated Appendix N in order to provide the aerospace industry with updated requirements that better reflect current aerospace industry coating formulations and practices, and to make those rules applicable statewide. These rule changes were eventually withdrawn from legislative review after approval by the EQB.

Also at the January meeting, the AQAC recommended amendments to 252:100-39-4, Exemptions, to remove an incorrect citation to a revoked rule and recommended amendments to 252:100-39-16, Petroleum refinery process unit turnaround, to update the timeframe listed as the non-oxidant season.

The third and final meeting of FY19 was held in June 2019 in Owasso. The aerospace rule package of 252:100-37-27, 252:100-39-47, and Appendix N was again voted on by the AQAC and recommended to the EQB. The AQAC also recommended for adoption amendments to 252:100-1-2, Statutory definitions, and 252:100-1-3, Definitions, to clarify and add definitions.

Hazardous Waste Management Advisory Council

The Hazardous Waste Management Advisory Council met on October 11, 2018, in Oklahoma City. The purpose of the meeting was for the council to vote on the approval of the annual Incorporation by Reference (IBR) update. The primary IBR intent was to change the IBR date to 2018 to ensure equivalency with the federal program. Specific rule changes included establishing EPA user fees for electronic and paper manifests; new EPA rules related to Confidentiality Determinations for Hazardous Waste Export and Import Documents; and revisions to EPA's Definition of Solid Waste (DSW) rule resulting from court decisions vacating certain provisions. This rulemaking helped to ensure Oklahoma's hazardous waste rules are at least equivalent to the federal rules. Finally, a budget presentation was made and the meeting was adjourned.



Member	Professional Realm	Appointing Official	Term Expires
Debra Smith	Political Subdivision	Governor	3/1/2020
Bob Kennedy	Industry	Governor	3/1/2020
Noble Stanfield	Statewide Non-Profit Environmental Association	Governor	3/1/2021
Wesley Anderson	Industry Generating Hazardous Waste	Pro Tempore	2/13/2021
Kenneth Ede	General Public	Pro Tempore	6/30/2021
Lyndel Gibson	Political Subdivision	Pro Tempore	9/30/2019
Terry Vandell	Geology	Speaker of the House	3/31/2019
Ray Reaves**	Engineering	Speaker of the House	3/31/2021
Lee Grater*	Hazardous Waste Industry	Speaker of the House	3/31/2020

* Chair **Vice Chair

Hazardous Waste Fund Report

The Department of Environmental Quality's Hazardous Waste Fund is authorized by the Hazardous Waste Fund Act, 27A O.S. § 2-7-301 et seq. Income to the Hazardous Waste Fund, 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, 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 2019, DEQ used these funds to provide mercury collection and disposal services for 22 Oklahoma households and provided 19 counties with basic emergency response equipment.



Solid Waste Management Advisory Council

Solid Waste Fees Budgeted and Expended

Member	Professional Realm	Appointing Official	Term Expires
Traci Phillips	Statewide Environmental Organization	Governor	3/1/2019
Ilda Hershey	General Public	Governor	3/1/2020
Rodney L. Cleveland	County Commissioner	Governor	3/1/2021
Thomas Lazarski	Industry Generating Solid Waste	Pro Tempore	3/16/2020
Jim Linn	Political Subdivision	Pro Tempore	3/1/2022
Bill Torneten	Geology	Pro Tempore	3/1/2021
Brenda Merchant**	Transportation	Speaker of the House	12/4/2020
M. Todd Adcock	Solid Waste Disposal Industry	Speaker of the House	3/7/2020
Jeffrey A. Shepherd*	Engineering	Speaker of the House	10/31/2019

* Chair **Vice Chair

Oklahoma Department of Environmental Quality
February 6, 2019

Environmental stewardship is drawing to a close, but environmental education is a year-round process. As the weather gets nicer and you spend more time outdoors, make sure your children know why it's so important to bring trash and other items home with them!



The Solid Waste Management Advisory Council (SWMAC) serves as the initial rulemaking body for the Land Protection Division (LPD) and operates under authority of the Oklahoma Solid Waste Management Act. The SWMAC holds public hearings, reviews solid waste issues, and provides expertise about various solid waste issues. All solid waste rules and regulations must first be reviewed and approved by the SWMAC before being recommended to the Environmental Quality Board (EQB). Once approved by EQB, the rules proceed to the Legislature and the Governor for final approval. The SWMAC is composed of ten members who represent specific areas of expertise as described by 27A O.S. 2-2-201(E), in the Oklahoma Environmental Quality Code. One position is vacant.

One regular meeting of SWMAC was convened during the fiscal year. The LPD report on budgets for the Electronic Waste Program, Solid Waste Unit, and Used Tire Recycling Unit for the upcoming Fiscal year was approved.

Oklahoma Department of Environmental Quality
October 11, 2018

Today is HQ Oklahoma, and we are at Lake Keystone with some kiddos from local schools learning about river conservation and having a blast. Oklahoma Water Resources Board Oklahoma Conservation Commission Oklahoma Secretary of Energy



Oklahoma DEQ @OklahomaDEQ - Jun 5

If your home or business was flooded during the recent storms, you should take certain precautions to ensure personal health and safety during your recovery efforts. Find out more at: deq.state.ok.us/factsheets/WQD...



FY2019 Income (receipts for 07/01/2018 - 06/30/2019)

\$5,957,960

	FY 2019 Budget for Solid Waste Program	FY 2019 Expenditures as of 08/29/18	FY 2019 Remaining Encumbrances
Salaries and other Compensation Expenses	\$3,229,431	\$3,230,133	-
Travel Expenses	\$ 70,190	\$50,446	\$2,599
Administrative Expenses	\$235,445	\$298,298	\$40,868
Lab Equipment, Furniture and Building Construction, and Air Monitoring Sites	\$14,563	\$42,255	-
Indirect Costs (FY2019 approved rate is 29.80%)	\$962,370	\$942,958	
Professional Services/Local Governments and Nonprofit Projects and Programs			
SWRINO/Solid Waste Research Institute	\$110,000	\$90,000	-
Oklahoma County Circuit Engineering District Board Admin	\$35,000	\$35,000	-
Keep Oklahoma Beautiful	\$90,000	\$90,000	-
Sustainable Tulsa	\$100,000	\$49,963	-
Oklahoma City Beautiful	\$10,000	\$45,000	-
Okmulgee Co Conservation Dist	\$150,000	\$15,461	\$134,539
Community Based Environmental Protection	\$500,000	\$564,979	\$156,264
Projects to Implement County Plans	\$620,000	\$620,000	-
Other solid waste projects TBD as funds exist	\$550,000	\$322,605	\$16,122
Recycling Equipment	\$200,000	-	\$20,000
Total Budget for Contracts	\$2,365,000	\$1,833,009	\$326,924
TOTALS	\$6,876,999	\$6,397,099	\$370,391

FY 2020 Budget for Solid Waste Program

Salaries and other Compensation Expenses	\$3,234,443
Travel Expenses	\$30,050
Administrative Expenses	\$301,110
Lab Equipment, Furniture and Building Construction, and Air Monitoring Sites	\$45,954
Indirect Costs (FY2020 rate is 28.07%)	\$895,599
Professional Services/Local Governments and Nonprofit Projects and Programs	
SWRINO/Solid Waste Research Institute	\$95,000
Oklahoma County Circuit Engineering District Board Admin	\$35,000
Keep Oklahoma Beautiful	\$130,000
Sustainable Tulsa	\$60,000
Oklahoma City Beautiful	\$45,000
Okmulgee Co Conservation Dist	\$150,000
Community Based Environmental Protection	\$500,000
Projects to Implement County Plans	\$620,000
The Metropolitan Environmental Trust	\$60,000
Other solid waste projects TBD as funds exist *	-
Recycling Equipment	\$200,000
Total Budget for Contracts	\$1,895,000
TOTALS	\$6,402,156

* Other solid waste projects were allowed in previous budgets due to reserve funds. Reserve funds are generally one-time unless excess within Solid Waste occurs from previous FY.

Radiation Management Advisory Council

Member	Professional Realm	Appointing Official	Term Expires
Karen Jennings**	Environmental Organization	Governor	7/1/2021
Jeffrey Lux	Engineering Profession	Governor	7/1/2020
Jason Kurt Steincamp	Industry Located in this State Which Uses Sources of Radiation in its Manufacturing or Processing Business	Governor	7/1/2019
Christopher Honigsberg	General Public	Pro Tempore	4/30/2020
Wayne Conway	Industrial Radiography	Pro Tempore	3/3/2022
George MacDurmon*	Faculty of Institute of Higher Learning of University Status	Pro Tempore	1/4/2021
Charles Shepherd	Transportation Industry	Speaker of the House	6/30/2019
Shawn Heldebrandt	Medical Industry	Speaker of the House	6/30/2021
Chad Mashburn	Petroleum Industry	Speaker of the House	6/30/2020

* Chair **Vice Chair

The Radiation Management Advisory Council (RMAC) met in Tulsa on October 4, 2018. Officers were elected, and RMAC received briefings on upcoming proposed rules changes, and on the successful results of the 2018 Nuclear Regulatory Commission review of Oklahoma's radioactive materials regulation program.

The RMAC met in Oklahoma City on March 28, 2019. Officers were elected, the Council was briefed on the recent successful removal of radioactive waste from the Sequoyah Fuels site, and the Council recommended that EQB approve minor corrections to the radiation rules.

Oklahoma Department of Environmental Quality
March 7 -

Our final #InternationalWomensDay interview is with Candace Brooks and Erin Vorderlandwehr, who became friends working in DEQ's lab. Learn more at: <http://www.deq.state.ok.us/OEA/Candace-Erin.pdf> and stay tuned for our big celebration tomorrow!

41 Likes 1 Comment 11 Shares

Oklahoma Department of Environmental Quality
June 8 -

If your well was flooded, it may not be safe to drink from. If you need to disinfect your well, you can find out how by reading our fact sheet: <http://www.deq.state.ok.us/.../DisinfectionIndividualWaterWell...>

20 Likes 1 Comment 54 Shares

Water Quality Management Advisory Council

The Water Quality Management Advisory Council (WQMAC) is made up of twelve members, who are appointed for three-year terms and who represent a wide variety of interested parties. Four members are appointed each by the Governor, the Speaker of the House, and the President Pro Tempore of the Senate. There is a vacant position at this time. WQMAC typically meets four times a year; however, additional meetings are sometimes scheduled in order to address a rule change that does not fit the regular meeting schedule.

WQMAC reviews and recommends rules governing water quality to EQB. Currently, 23 chapters of rules are under the authority of WQMAC. These include regulations for laboratory accreditations, laboratory services, industrial and municipal wastewater, general water quality, wastewater lagoon and land application systems, pretreatment, minor public water supply, public water supply, water and wastewater construction standards, biosolids, water reuse, drinking water state revolving fund, small public and private sewage systems, septage pumpers and transporters, underground injection control, implementation of water quality standards, and waterworks and wastewater works operator certification.

During FY 2019, WQMAC met on July 31, 2018, September 25, 2018, and January 8, 2019. WQMAC passed rule changes to Chapters 301, 302, 307, 606, and 653.

Oklahoma Department of Environmental Quality
May 10 -

On April 15, DEQ's own Rocky Chen ran in the Boston Marathon. We are so excited and proud of him and his amazing athletic achievement. Once he returned to Oklahoma City, we sat down to talk with him about his experience in the Marathon, his thoughts on Boston, and whether he has plans to run again in the future. Check out the interview at the link below:
<http://www.deq.state.ok.us/OEA/Rocky-profile.pdf>

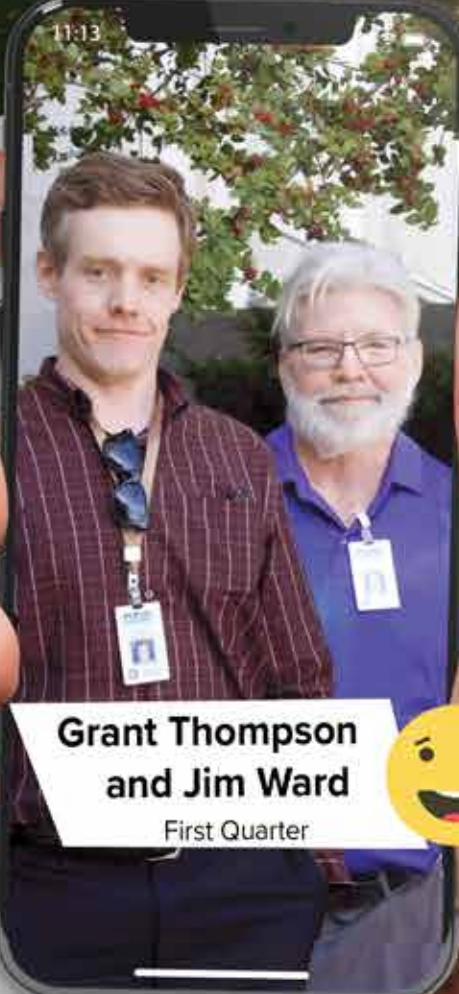
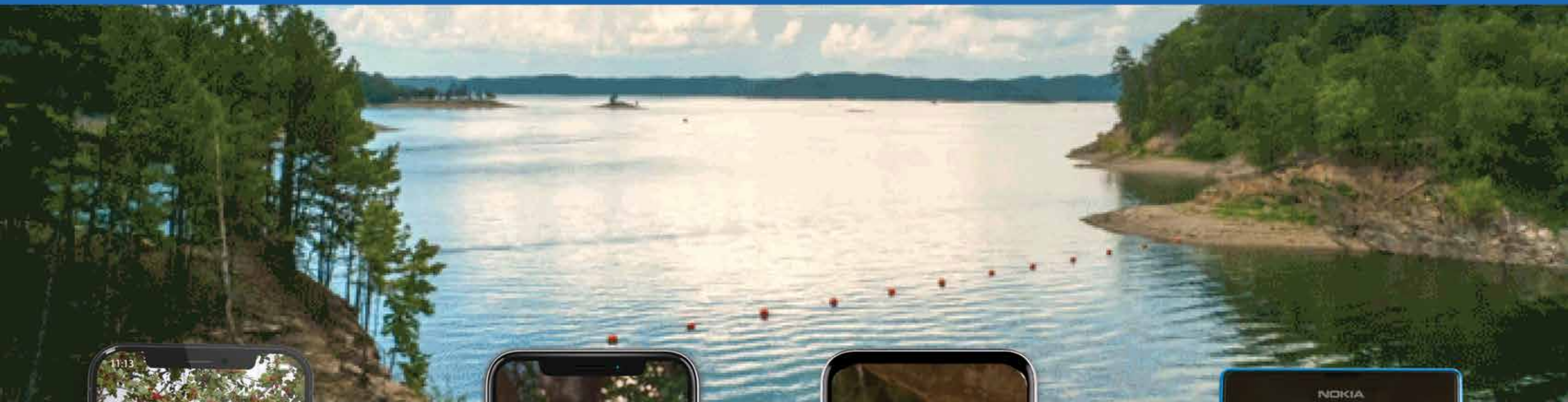
66 Likes 2 Comments 9 Shares

Member	Professional Realm	Appointing Official	Term Expires
Jon Nelson	General Public	Governor	3/1/2020
Jeffrey E. Short	Engineering	Governor	3/1/2019
Brian Duzan*	Private laboratory	Governor	3/1/2020
Jim Rodriguez	Industry	Pro Tempore	3/16/2020
Steve Sowers	Oil Field Related	Pro Tempore	3/2/2021
Duane Winegardner**	Geology	Pro Tempore	2/19/2021
Robert Carr, Jr.	Operator for Municipal Waterworks or Wastewater Works Facility	Pro Tempore	10/31/2019
Terry Wyatt	Agriculture	Speaker of the House	6/30/2019
Debbie Wells	Rural Water District	Speaker of the House	6/30/2019
Mark Matheson	Operator in Rural Water or Sewer District	Speaker of the House	6/30/2019

* Chair **Vice Chair



Employee of the Quarter



**Grant Thompson
and Jim Ward**
First Quarter



Ryan McIntosh
Second Quarter



Cory Beights
Third Quarter

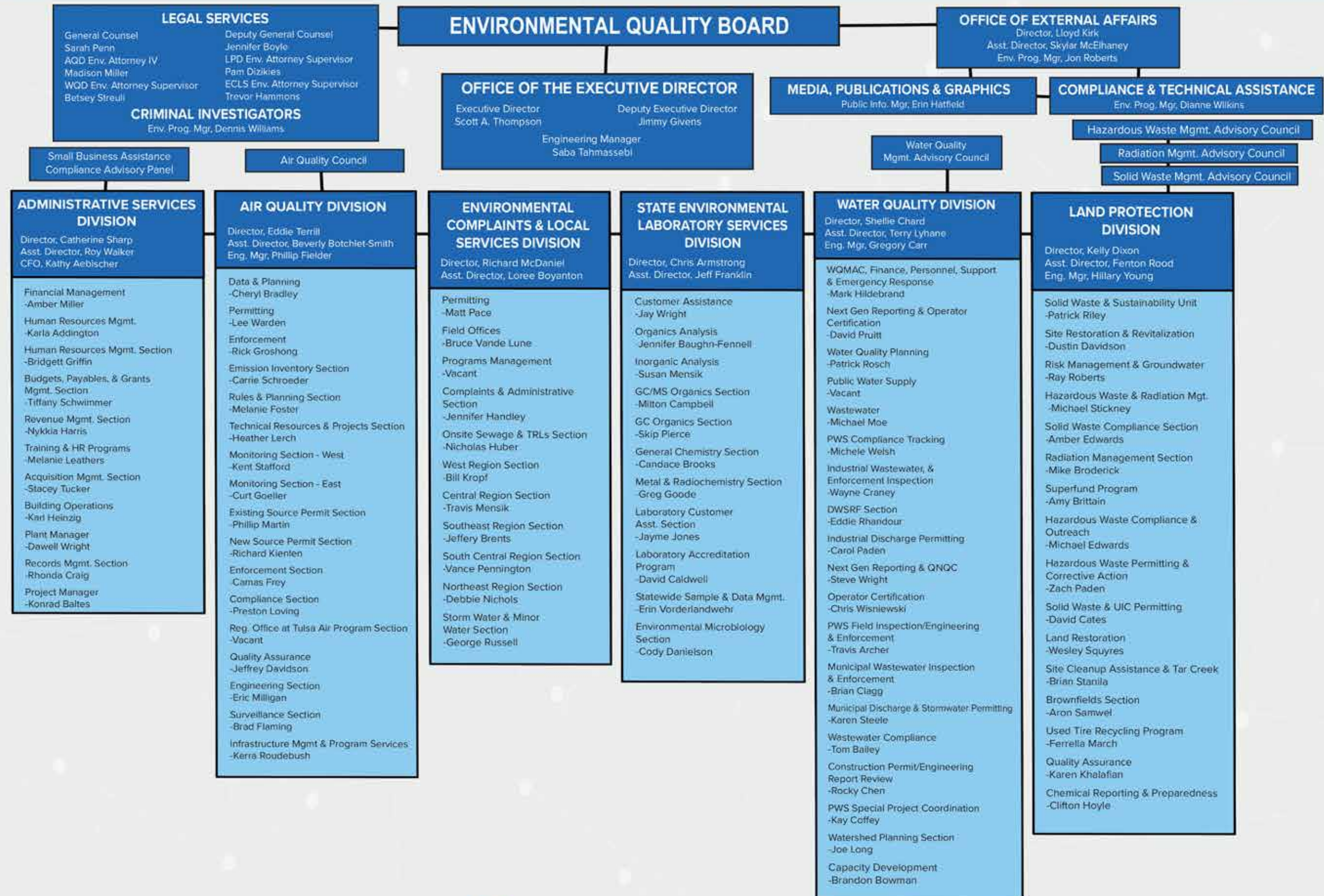


Pam Baldwin
Fourth Quarter
and Employee of the Year





Organizational Chart



Environmental Quality Report



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For consideration and approval by the Environmental Quality Board on November 9, 2018

DEQ is required by statute to annually submit an "Environmental Quality Report" to the Governor, the President Pro Tempore of the Senate, and the Speaker of the House of Representatives. It is to summarize DEQ's annual budget needs for providing the environmental services within its jurisdictional areas, new federal mandates, and state statutory or constitutional changes recommended by DEQ. The report must be reviewed and approved by EQB prior to its submittal to the Governor and legislative leaders.

I. ANNUAL BUDGET REQUEST¹

DEQ is slated to receive \$6,493,879 in state appropriated funding for current State Fiscal Year (SFY) 2019. This represents an increase of 14% from the SFY 2018 appropriation of \$5,695,766, although it is still almost \$2.6 million less than DEQ received as recently as SFY 2014. The 14% increase was to offset the across-the-board state employee pay increase passed by the legislature in 2018, so operationally the state appropriations to DEQ remained essentially flat from SFY 2018 to SFY 2019.

The impact of cuts in appropriations in the past several fiscal years, combined with a strengthening state revenue picture, warrants a request for an increase in state appropriations for SFY 2020. DEQ, with the approval of the Environmental Quality Board, is requesting a general revenue appropriation of \$8,190,721 for SFY 2020. The specifics of this request are contained in Appendix A to this report.

DEQ's total budget for SFY 2020 – including fee revenues and federal funds, which are also variable from year to year – is indeterminate as of the date of submittal of this report. The total DEQ budget for current SFY 2019 is roughly \$96,000,000, comprised of approximately 7% state general revenue funding, 37% federal funding, 9% federal funding for the Office of the Secretary of Energy and Environment, and 47% fee funding. Appendix B contains additional details. Should state or federal funding substantially decrease, DEQ would have to further reduce activities and/or secure additional fee funding.

II. FEDERAL MANDATES²

AIR QUALITY DIVISION (AQD)

Clean Power Plan/Affordable Clean Energy (ACE) Rule

In 2014, President Obama directed EPA to issue carbon standards for new and existing power plants. In 2015, EPA finalized the Clean Power Plan (CPP), which was designed to reduce greenhouse gas (GHG) emissions from existing sources, and also issued the final rule for new sources. Under the CPP rule as issued, implementation plans from each state would have been due to EPA by no later than September of 2018.

¹ Because requests for state appropriations are due by October 1, the appropriation request information in this portion of the Environmental Quality Report was previously considered and approved by the Environmental Quality Board at its September 11, 2018, meeting.

² The list of federal mandates is not exhaustive but covers recent or impending requirements or major developments that are among the most significant to the state and DEQ.

Numerous industry groups challenged the CPP's legality in the D.C. Circuit Court of Appeals. In February of 2016, the U.S. Supreme Court issued an order to stay implementation of the CPP pending judicial review. The stay remains in effect. Oral arguments before the D.C. Circuit en banc were held on September 27, 2016. In March 2017, EPA requested the D.C. Circuit hold the case in abeyance pending EPA's review of the CPP, and that request was granted by the court in April of 2017. The case remains in abeyance, and no decision has been issued.

In October of 2017, EPA announced that it was proposing to repeal the Clean Power Plan regulations. On August 21, 2018, EPA proposed the Affordable Clean Energy (ACE) Rule, establishing emissions guidelines for states to develop plans to address GHG emissions from existing coal-fired power plants. The new rule has several components, including a determination of best system of emission reduction for GHG emissions, a list of candidate technologies for states to use when developing their plans, and specific changes to New Source Review for coal-fired power plants. The proposal was published in the Federal Register on August 31, 2018, triggering a 60-day comment period that closed on October 30, 2018. AQD is in the process of evaluating what this proposal, including the proposed NSR changes, might mean to Oklahoma utilities. It is certain that there will be litigation if this proposal is finalized.

Volkswagen Mitigation Trust

In 2016, EPA filed a complaint against Volkswagen alleging violations of the Clean Air Act. Volkswagen had used a "defeat device" to cause NOx emissions from certain of their vehicles to be much lower during laboratory emissions testing than during normal operations. As part of the settlement with EPA, Volkswagen was required to establish a \$2.7 billion mitigation trust fund. The mitigation trust fund will pay for defined eligible projects that reduce NOx. Oklahoma's portion of this fund will be approximately \$20.9 million. Oklahoma Executive Order 2017-33, signed on October 30, 2017, designated DEQ as the Lead Agency to act on behalf of the State of Oklahoma with respect to the State Mitigation Trust, with oversight provided by the Oklahoma Secretary of Energy and Environment.

After receiving public input, including a public meeting, Oklahoma's Beneficial Mitigation Plan was published on June 8, 2018. This plan was accepted by the Wilmington Trust, which is providing oversight of the VW trust settlement and implementation. The plan outlines the types of projects that will be considered for funding and demonstrates how Oklahoma will meet the requirements from the VW settlement related to spending of the funds for NOx reductions.

On October 17, 2018, AQD released a Request for Proposal detailing grant eligibility criteria for the Alternative Fuel School Bus Program. Grant applications are due December 3, 2018. Work is also underway to develop a Request for Proposal for the Zero Emission Vehicles Supply Equipment and Infrastructure category, implementation of which can reduce emissions from On-Road non-Diesel Light Duty Vehicles, a sector that contributes significant quantities of NOx to Oklahoma's annual emissions inventory. AQD is working with the Oklahoma Corporation Commission, Oklahoma Department of Transportation, and Oklahoma Secretary of Energy and Environment in the implementation of this portion of the plan.

Environmental Quality Report (cont.)



Ozone National Ambient Air Quality Standard

In 2015, EPA lowered the 8-hour National Ambient Air Quality Standard (NAAQS) for ozone from 75 ppb to 70 ppb. Based on DEQ's analysis of the data from 2014-2016, Governor Fallin submitted a letter to EPA recommending that Oklahoma in its entirety be designated attainment/unclassifiable. Effective January 16, 2018, EPA designated all counties in Oklahoma except Bryan County as attainment/unclassifiable. Bryan County was included in the Dallas/Fort Worth Combined Statistical Area demonstration and its designation as attainment/unclassifiable was delayed until August 3, 2018.

The 2018 ozone season has been very challenging for the state. There have been numerous exceedances of the standard at multiple locations across the two metropolitan areas, as well as at Lawton and Seiling. While it appears that Oklahoma will stay in attainment for this year, 2019 remains problematic if there is a repeat of this year's values.

To reduce the potential for nonattainment in the future, AQD will continue to work closely with the Councils of Governments (COGs) across the state, and especially the Indian Nations Council of Governments (INCOG) and the Association of Central Oklahoma Governments (ACOG), on educational efforts and continued implementation of voluntary "Ozone Advance" plans. AQD also plans to conduct investigations, including establishing temporary ozone monitors, in rural areas of the state to help understand whether exceedances are caused primarily by transport or if there may be local sources contributing to the exceedances.

LAND PROTECTION DIVISION (LPD)

SOLID WASTE

Coal Combustion Residuals (CCR)

State rules for management of CCR from electric utilities became effective September 15, 2016. They are contained in OAC 252:517.

The federal Water Infrastructure Improvements for the Nation (WIIN) Act in late 2016 included provisions for states to apply to EPA for CCR permit program approval and operate under EPA oversight. Oklahoma applied and was the first state to receive program approval, effective July 30, 2018. EPA has been sued over approval of Oklahoma's program; that case is pending.

EPA revised provisions of the federal CCR rule, contained in 40 CFR 257, with additional revisions anticipated in the fall of 2018 and early 2019. Additionally, the D.C. Circuit Court of Appeals rendered a decision vacating portions of Part 257 and remanding other portions to EPA. Changes and potential changes to the federal regulations make some provisions of OAC 252:517 more stringent and others less stringent than its federal counterpart. Revisions will need to be made to Chapter 517 so that it will remain at least as stringent as the federal Part 257 rule and compliant with EPA program approval. Revisions of Part 257 are occurring rapidly and EPA does not yet know how vacated and remanded portions of the rule will be rewritten.

WATER QUALITY DIVISION (WQD) and STATE ENVIRONMENTAL LABORATORY SERVICES DIVISION (SELS) CLEAN WATER ACT

Waters of the United States (Clean Water) Rule

On July 27, 2017, EPA and United States Army Corps of Engineers (USACE) published notice that the agencies planned on an interim basis to return to the previous regulatory definition of Waters of the United States, rather than relying on the 2015 rule adopted by EPA under the Obama administration. A series of court rulings in various jurisdictions has resulted in a patchwork effect across the country, with the 2015 rule applicable in some states but the previous WOTUS rule applicable in others. EPA and USACE are working to propose a replacement rule. At this point it is unknown what the new proposed rule will include and what the implications might be for DEQ.

EPA Oil and Gas Extraction Effluent Limitation Guideline Review

EPA is completing a review of the Effluent Limitation Guidelines (ELGs) for discharges related to oil and gas exploration and production. After completion, EPA will make a determination of which ELGs will be revised, eliminated or left "as is." With a recent change in statutory language and a subsequent MOU with Oklahoma Corporation Commission, DEQ will become the permitting authority in Oklahoma, once delegation of the program from EPA Region 6 occurs. The change in workload and the timing of that change is dependent on the magnitude of the changes EPA makes to the ELGs and when authority is delegated to DEQ.



Environmental Quality Report (cont.)



Peak Flow Management

In an effort to provide more flexibility to municipal wastewater treatment facilities for operation during time of heavy rainfall and flooding, EPA has begun work on a new "peak flow management" framework. EPA announced October 15, 2018, that a draft rule is expected in the summer of 2019, with a final rule implemented by summer of 2020. During the rule development, senior managers from WQD will be working with EPA to ensure Oklahoma has input into the national rulemaking. This effort will impact municipal permitting, compliance, and enforcement for WQD as it relates to discharge permits and also could lead to changes in construction standards.

MISCELLANEOUS

Per- and Polyfluoroalkyl Substances (PFAS)

PFAS compounds, which number in the thousands, are receiving significant attention from EPA and the Department of Defense (DOD). These compounds are diffuse in the environment, including in food crops and containers, fabrics treated with water repellent and stain repellent, and firefighting foam. There is significant push by DOD and some environmental groups to have EPA establish drinking water Maximum Contaminant Levels (MCLs), wastewater discharge and biosolids standards, groundwater cleanup levels, etc. Action on any of these chemicals presents challenges for DEQ, including rulemaking, staffing to implement the new requirements, training for the regulated community and DEQ staff, procuring needed laboratory equipment, etc. Even in EPA's current "evaluation stage," there is significant staff time spent tracking activities, attending meetings, and responding to questions or concerns from regulated facilities and the general public. Any eventual rules likely will impact WQD, LPD, and SELS, and derivatively the Environmental Complaints and Local Services (ECLS) Division.

III. LEGISLATIVE RECOMMENDATIONS

The following are proposed as DEQ "request" bills for the 2019 Oklahoma regular legislative session.

AUTHORIZATION FOR PETTY CASH FUND

DEQ proposes to seek authorization for a petty cash fund in a small amount, \$200 or less, for the purpose of making change for persons obtaining licenses and transacting other business in cash with the DEQ. This would be a convenience for some customers and would greatly simplify the handling of cash transactions. Numerous other state agencies have such petty cash accounts, which are subject to procedures prescribed by the Office of Management & Enterprise Services.

AUTHORIZATION FOR BOND FINANCING

DEQ's employee parking garage for its Oklahoma City headquarters building requires major repairs. DEQ has received permission from the state Long-Range Capital Planning Commission to proceed on the parking garage renovation project, utilizing bond financing. The agency must obtain legislative authorization to proceed with bond financing for the project. As of this writing, DEQ is uncertain whether it will proceed with a request for legislation in the 2019 session, but would like to keep that option open.



APPENDIX A

Oklahoma Department of Environmental Quality

Operations Funding Changes For the Fiscal Year Ending 06/30/2020

On-Going Requests	FY 2019	FY 2020 Requested	FY 2020
State Environmental Laboratory Services	\$2,501,366	\$294,827	\$2,796,193
Environmental Complaints & Local Services	3,160,481	166,278	3,326,759
Water Quality Division	832,032	389,578	1,221,610
DEQ Pathfinder (across all divisions)	0	446,160	446,160
Subtotal On-Going Requests	\$6,493,879	\$1,296,842	\$7,790,721
One-Time Requests			
Lab Equipment		400,000	400,000
Total Requests	\$6,493,879	\$1,696,842	\$8,190,721

DEQ - Pathfinder Contributions

\$446,160

Variance between the statutory employer Pathfinder contribution (10.07%) and amount being paid (16.5%) on a person with the new Pathfinder Retirement. Pathfinder is the retirement plan for state employees hired on or after November 1, 2015. The Dallas DHHS office sent OMES a notification that the difference between the statutory rate and the actuarial rate is an overcharge to federal programs, and therefore is not an allowable charge.

WQD - Public Water Supply Compliance Enhancement

\$189,578

Hire two Environmental Program Specialists at a cost of \$95,000 each. This includes salary, benefits, equipment and training, a total of \$190,000. This will assist small communities in Oklahoma with monitoring and reporting requirements for public water supplies under the Safe Drinking Water Act.

SELS - Laboratory Services

\$294,827

This request allows the State Environmental Laboratory Services Division (SELS) to fund a total of three positions: two Environmental/Chemical Laboratory Scientist positions (one each in the Inorganics and Organics Analysis groups), and one technical position within the Customer Assistance Group. The Customer Assistance position would primarily provide customer support for a variety of programs and customers. This list would include scheduling, inventory, collection, submittal, and accessioning assistance to public water supplies that use SELS for sample analysis. The Laboratory Scientist positions are needed to support the National Primary Drinking Water regulations, Clean Water Act requirements, and the SELS's role as the State Principal Laboratory.

ECLS - Environmental Complaints

\$166,278

This request allows ECLS to fund a total of three positions: two of the four Field Environmental Specialists that have been eliminated since FY2017 and one Administrative Technician. These positions will help bring the ECLS staff closer to the number of positions required by the staffing model. Due to the loss of four positions, we were forced to reduce the number of ECLS local offices and the number of facility inspections from quarterly to annual inspections. These inspections include public water supplies, wastewater treatment plants, and solid waste facilities. Funding these three positions would allow us to be more responsive to technical assistance and complaint requests from citizens, enable us to process permit applications in a more prompt manner, better assist small communities with drinking water, wastewater and solid waste problems, and more effectively respond to natural disasters (drought, tornadoes, earthquakes, floods, power outages, etc.) and manmade disasters (hazardous waste spills, water supply contamination, etc.).

Environmental Quality Report (cont.)



WQD - Sustainable Water Infrastructure and Technical Assistance \$200,000

This funding will be used to expand our existing water loss program to assist additional small communities and rural water districts in Oklahoma. DEQ began conducting water loss audits in 2015 and has conducted 105 audits to date. These audits have resulted in substantial savings in terms of revenue and water that is available for its intended use. DEQ has a waiting list of drinking water systems requesting this service. This funding level will be used for salary, training, sub-contracting, travel, and other indirect costs at a funding level of \$200,000.

SELS - Lab Equipment \$400,000

SELS is requesting a sum of \$400,000 to maintain laboratory capacity. Specifically, based on greatest need, the funds would be used to replace analytical instruments that are dysfunctional or beyond their serviceable lifespan. This budget request represents about 7% of the total replacement costs for all laboratory instrumentation and equipment.

APPENDIX B

Department of Environmental Quality Fiscal Year 2019 Budget

Budget	Amount
Salaries and other Compensation Expenses	\$47,030,701
Professional Services	\$21,853,085
Travel Expenses	\$1,026,086
Administrative Expenses	\$6,085,475
Lab Equipment, Furniture & Building Construction, and Air Monitoring	\$1,936,688
Local Governments & Non-Profit Projects and Programs	\$18,709,634
Total Expenses	\$96,641,669

Funding Sources	Amount
19901 General Appropriations	\$6,493,879
20000 Revotving Fund	\$44,452,648
21000 Environmental Education Fund	\$12,500
22000 Hazardous Waste Penalty Fund	\$100,000
22500 Certificate Fund	\$840,000
40000 Federal Funds	\$29,062,612
40300 Brownfields Revolving Loan Fund	\$500,000
40500 Environmental Settlement Fund (Federal)	\$6,276,745
41000 Water Management Federal Fund	\$8,903,285
Total Funding Sources	\$96,641,669



oklahomadeq DEQ's Sara Ivey helping #Oklahoma teachers with #environmental tips, tricks and lessons to pass along to students. #air #land #water #conserve #education #teachersrock

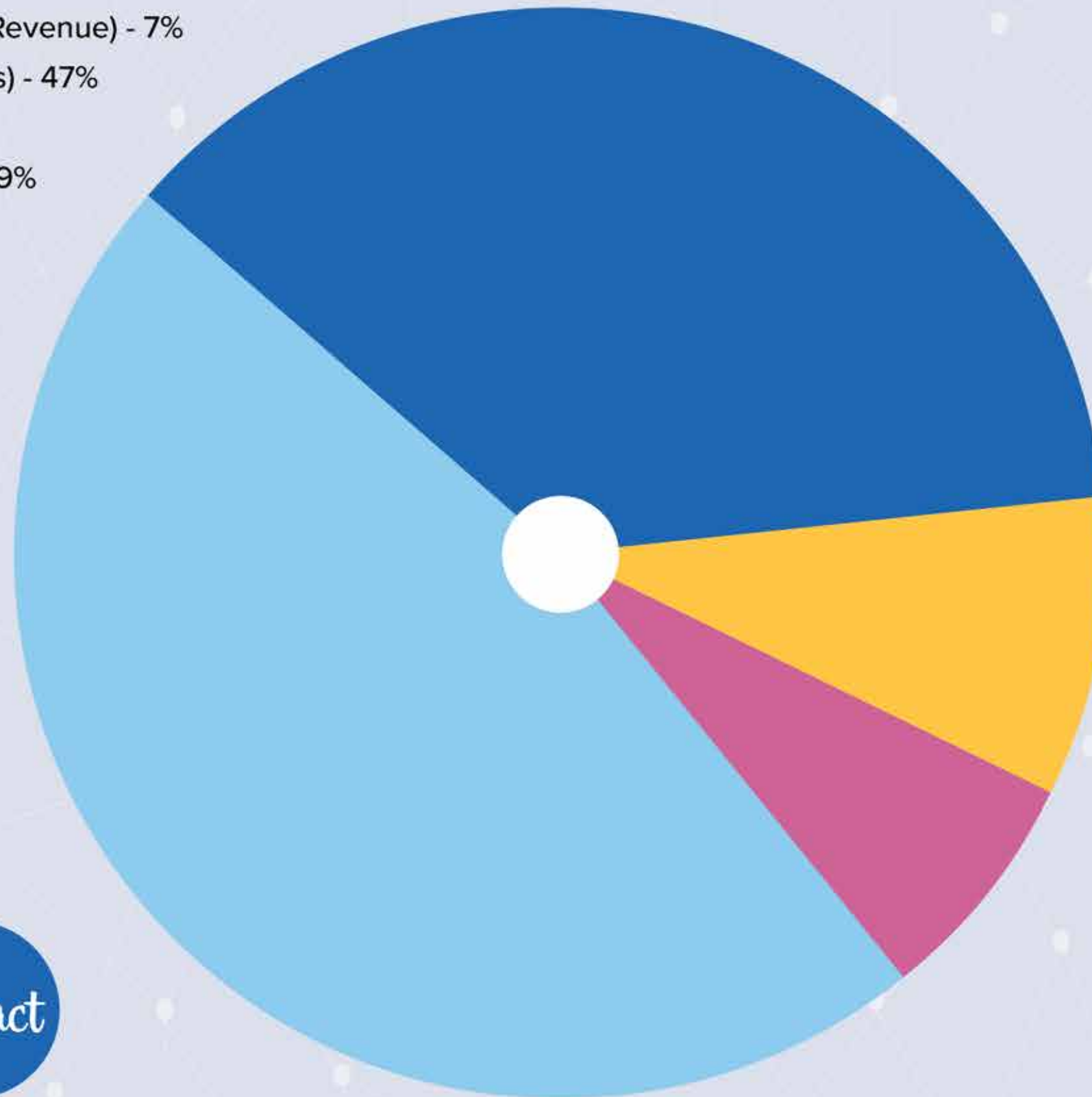


Sara Trinkle Ivey and 33 others · 2 Comments · 10 Shares · 857 Views



FY 2019 Total Agency Budget

- State Appropriations (General Revenue) - 7%
- Revolving Funds (Program Fees) - 47%
- Federal Funds (Grants) - 37%
- OSEE Federal Funds (Grants) - 9%



DEQ Federal Funds
\$35,839,357 - 37%

OSEE Federal Funds
\$8,903,285 - 9%

State Appropriations
\$6,493,879 - 7%

Revolving Funds
\$45,405,148 - 47%



Agency Statistics



Air Quality Division

Ambient Monitoring	QTR 1	QTR 2	QTR 3	QTR 4	TOTAL
Continuous Monitoring Systems	51	51	48	48	51
Non-continuous Stations	18	18	18	16	18
Toxics Stations	12	12	12	12	12

Number of Air Samples Collected (continuously/hourly)

Ozone	30,140	28,002	25,491	256,05	109,238
Sulfur Oxides	19,233	18,931	19,170	17,474	74,808
Total Oxides of Nitrogen	6,440	6,525	5,781	5,405	24,151
Nitrogen Dioxide-NO ₂	6,440	6,525	5,781	5,405	24,151
Nitrogen Oxides-NO	6,440	6,525	5,781	5,405	24,151
Carbon Monoxide	6,237	6,585	6,156	6,401	25,379
Special Purpose	28,147	30,464	30,773	31,471	120,855
PM-10	6,346	6,598	6,435	5,332	24,711
PM-2.5	23,460	23,626	21,220	21,690	89,996

Number of Air Samples Collected (non-continuous/daily)

PM-10	92	116	109	64	381
PM-2.5	293	287	298	252	1,130
PM-Coarse	52	50	50	49	201
Toxics	438	423	535	414	1,810
Lead	36	33	34	35	138

Compliance

Number of days when ozone was within the 8-hour NAAQS	76	92	90	88	346
Number of total monitors demonstrating compliance (out of 47 total)	47	47	47	47	47

Excess Emissions Monitoring

Excess Emissions Report	183	207	203	174	767
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Emissions Inventory

Billings					
Companies with Major Facilities	115	4	0	0	119
Companies with Major and Minor Facilities	58	6	0	0	64
Companies with Minor Facilities	408	8	0	0	416

Inventories Received

Companies	4	3	665	216	888
Facilities	73	5	4,182	2,429	6,689



Enforcement Administration

Air Enforcement	QTR 1	QTR 2	QTR 3	QTR 4	TOTAL
Notices of Violation	1	1	0	1	3
Formal Actions	4	4	3	2	13
Level III Violation Letters	8	3	1	5	17
Alternate Enforcement Letters	26	13	30	15	84
Self Disclosures Received	35	45	43	30	153
Asbestos Actions	2	0	0	0	2
Fines Paid (in thousands of dollars)	\$7.438	\$70.684	\$2.975	\$5.95	\$87.047
SEP Dollars (in thousands)	\$0	\$1.50	\$0	\$0	\$1.50
Total Number of SEPs	0	1	0	0	1
Reductions in Tons of Emissions from Enforcement Actions	4,016	2,162	0	0	6,178
Complaints Resolved within 90 Days	2	15	16	7	40
Complaints Unresolved, but still within 90 day deadline	6	5	4	3	18
Total Complaints	8	20	12	10	50
Total Facilities in significant Non-compliance	21	17	14	14	21
New Facilities in significant Non-compliance	2	0	0	0	2

Inspections – Air Inspections

Monitoring Inspections (from ECLS)	16	33	12	34	95
On-Site Compliance Evaluations	76	96	90	162	424
Off-Site Compliance Evaluations	1,118	766	1,220	725	3,829
Asbestos Inspections	233	156	120	169	678
Stack Tests Observed	5	5	1	2	13
Stack Tests Reviewed	524	451	520	515	2,010

Lead Based Paint

Lead Based Paint Certification					
Inspector	0	0	0	6	6
Risk Assessor	1	4	0	83	88
Abatement Worker	0	0	0	7	7
Supervisor	0	0	0	43	43
Project Designer	0	0	0	2	2
Firm	1	2	0	67	70
Lead Based Paint Compliance Inspections	8	6	0	1	15
Lead Based Paint Enforcement Actions	0	0	0	0	0
LBP Enforcement Actions resulting in LBP contractor returning to substantial compliance with program requirements	0	0	0	0	0
Lead Based Paint Outreach					
Events	1	0	0	0	1
Participants	12	0	0	0	12

Permit Administration – Air Quality Permitting

Construction Applications/Permits Issued					
Minor Received	208	224	166	176	774
Minor Issued	210	225	163	174	772
Major Received	8	8	6	9	31
Major Issued	6	6	3	8	23
PSD Received	1	0	3	1	5
PSD Issued	0	0	1	2	3

Agency Statistics

Operating Applications/Permits Issued	QTR 1	QTR 2	QTR 3	QTR 4	TOTAL
Minor Received	429	829	388	449	2,095
Minor Issued	481	739	502	437	2,159
Major Received	28	31	21	39	119
Major Issued	35	27	15	38	115
PSD Received	0	0	0	0	0
PSD Issued	0	0	0	0	0
Title V Initials and Modifications Received	5	4	5	6	20
Title V Initials and Modifications Issued	3	5	5	10	23
Title V Renewals and Modifications Received	23	27	16	33	99
Title V Renewals and Modifications Issued	32	22	10	28	92
Acid Rain Received	1	3	0	3	7
Acid Rain Issued	1	0	0	0	1
Relocation Received	6	4	3	4	17
Relocation Issued	5	5	2	3	15
Applications Withdrawn	5	4	7	7	23
Title V Initial and Renewal Modifications Issued - Total	15	18	7	28	68
Title V Initial and Renewal Modifications Issued - Significant	0	2	0	4	6
Applicability Determination Received	5	11	8	4	28
Applicability Determination Issued	5	9	2	9	25
Permits Denied	0	0	0	0	0
Total Applications Received	680	1,099	584	680	3,043
Total Permits Issued	738	1,002	685	661	3,086
Minor Permit Status > 90 Day Timeline	74	69	188	206	537
Tests Observed	2	4	2	1	9
Performance Inspections	9	13	12	13	47
Permit Protest Hearings	0	0	0	0	0
Number of PSD Modeling Analysis Conducted	0	4	4	1	9
Number of Title V Air Permits Passing Federal Review					0

Public Information and Education

Ozone Watches and Alerts

Oklahoma City	8	0	0	1	9
Tulsa	6	0	0	1	7
Lawton	2	0	0	1	3
Rural Oklahoma	0	0	0	0	0
AQ Health Advisories	28	1	2	6	37

Environmental Education

Events

Conference Presentations	0	0	0	0	0
Conference Displays	0	0	0	0	0
Community Wide Events	0	1	0	0	1

Education Presentations

K-12	0	0	0	1	1
University	0	0	0	2	2
Community/Adult	0	2	2	2	6

Contacts

	0	5,097	241	3,739	9,077
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Quality Assurance

Audits

Continuous	45	51	42	46	184
Non-Continuous	14	17	14	17	62
Interlab	14	3	3	11	31

Data Validation

	373	379	363	356	1,471
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Standards Certified

	112	140	151	146	549
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Filter Checks

	149	134	138	133	554
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Precision Tests

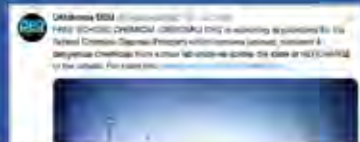
	432	409	359	349	1,549
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Environmental Complaints and Local Services Division

Complaint Statistics	QTR 1	QTR 2	QTR 3	QTR 4	TOTAL
Total Spills/Complaints Received	923	830	959	1,318	4,030
Spills/Complaints Referred to Other Agencies	109	99	102	177	487
Total DEQ Spills/Complaints Received	814	731	857	1,141	3,543
Spills Received	91	95	89	96	371
Complaints Received	723	636	768	1,045	3,172
Publicly-Owned Wastewater Facility & Lines	27	32	41	64	164
Private Wastewater Service Lines	72	53	66	56	247
Public Water Supply	70	30	24	50	174
Fish Kills	12	5	6	9	32
Harmful Algal Bloom/Blue Green Algae	2	0	0	0	2
Unpermitted Discharge	33	40	31	50	154
Industrial Stormwater	0	0	0	1	1
Industrial Wastewater Treatment	1	1	2	9	13
Fugitive Dust	46	32	35	43	156
Air Facilities Emissions	5	6	3	5	19
Odors	34	41	24	36	135
NESHAP Violations	5	2	3	5	15
Lead Based Paint	1	1	0	1	3
Solid Waste Car Wash Sludge	0	0	0	0	0
Solid Waste Transfer Station	0	2	0	0	2
Solid Waste Landfill Operation	3	5	1	6	15
Tires	12	3	4	11	30
Hazardous Waste Facility Operation	0	1	0	1	2
Hazardous Waste Improper Disposal	0	1	2	0	3
Radiation	2	1	1	0	4
Underground Injection Control	0	0	0	0	0
Total Retention Lagoon - lagoon, collection and land application	8	15	11	22	56
On-site Sewage	96	94	126	145	461
Improperly installed on-site sewage system (certified installation)	1	1	3	1	6

Agency Statistics



Total DEQ Spills/Complaints Received (Continued)					
	QTR 1	QTR 2	QTR 3	QTR 4	TOTAL
On-site Sewage	88	111	174	245	618
Improperly installed on-site sewage system (certified installation)	3	0	2	2	7
Improperly installed on-site sewage system (non-certified installation)	7	7	13	17	44
Aerobic system maintenance (system installed 2 years or less)	0	0	0	2	2
Malfunctioning aerobic system	31	24	28	45	128
Private Water Supply	4	6	4	8	22
Open Burning	58	46	64	64	232
Unpermitted Disposal of Solid Waste	156	129	178	200	663
Septage Pumps and Haulers	1	1	1	2	5
Construction Stormwater – permit or discharge	39	36	46	89	210
Minor Water Supplies	2	3	3	2	10
Self-reported Spill/Release – Highway Remediation	1	1	2		
Disaster Response					
Debris Disposal Sites Registered	0	2	3	18	23
FOIA Searches	338	242	243	211	1,034
Inspections					
Air Quality – Air Inspections					
Monitoring Inspections	16	33	12	38	99
Waste Management – Solid Waste Inspections					
Monitoring Inspections	38	20	10	4	72
Water Quality					
Public Water Supply					
Monitoring Inspections	311	342	342	666	1,661
Minor Water Systems	45	57	151	237	490
Municipal Wastewater					
Monitoring Inspections	78	71	93	152	394
Total Retention Lagoons					
Monitoring Inspections	88	113	86	191	478
Industrial Wastewater					
Monitoring Inspections	79	79	100	218	476
Stormwater					
NOT Inspections	126	173	143	168	610
Active Permit Inspections	16	58	62	87	223
No Exposure Inspections	4	33	12	17	66
Septage Pumps					
Inspections	1	24	148	36	209
Total # of Inspections					4,778
Enforcement Administration					
Enforcement Actions - Unpermitted Activities					
Notices of Violation					
Open Burning	1	1	3	5	10
Open Dumping	3	5	6	3	17
Fugitive Dust	0	0	0	0	0
Surfacing Sewage	3	2	4	6	15
Minor Water System	0	2	1	0	3
Certified Installers	0	0	0	1	1
Non-Certified Installers	1	3	1	1	6
Septage Pumps/Haulers	0	0	1	1	2
Total Retention Lagoons	1	2	3	4	10
Highway Spill Remediation	0	0	0	0	0
Certified Soil Profilers	0	0	0	1	1
Stormwater - Construction	1	0	2	4	7
Total					72
Enforcement Actions - Unpermitted Activities (Continued)					
Formal Actions					
Open Burning	2	5	1	0	8
Open Dumping	6	5	9	11	31
Fugitive Dust	0	1	0	2	3
Surfacing Sewage	15	15	13	20	63
Certified Installers	0	1	0	1	2
Non-Certified Installers	5	3	2	8	18

Enforcement Actions - Unpermitted Activities (Continued)					
	QTR 1	QTR 2	QTR 3	QTR 4	TOTAL
Formal Actions					
Open Burning	1	0	1	1	3
Open Dumping	6	7	12	12	37
Fugitive Dust	0	0	0	0	0
Surfacing Sewage	14	6	19	29	68
Certified Installers	0	0	0	1	1
Non-Certified Installers	5	1	3	3	12
Septage Pumps/Haulers	0	0	0	1	1
Total Retention Lagoons	3	3	2	5	13
Highway Spill Remediation	0	0	0	0	0
Minor Water System	1	4	1	5	11
Certified Soil Profilers	0	0	0	0	0
Stormwater - Construction	1	2	3	3	9
Total					155
Fines Paid					
Open Burning	\$1,000	\$0	\$0	\$0	\$1,000
Open Dumping	\$660	\$0	\$200	\$400	\$1,260
Fugitive Dust	\$1,600	\$0	\$0	\$0	\$1,600
Surfacing Sewage	\$0	\$0	\$0	\$100	\$100
Certified Installers	\$0	\$0	\$0	\$0	\$0
Non-Certified Installers	\$1,950	\$450	\$700	\$200	\$3,300
Septage Pumps/Haulers	\$500	\$300	\$0	\$800	\$1,600
Total Retention Lagoons	\$0	\$2,500	\$0	\$2,550	\$5,050
Certified Soil Profilers	\$0	\$0	\$0	\$0	\$0
Stormwater - Construction	\$0	\$0	\$1,000	\$0	\$1,000
Total					\$14,910
Permit Administration					
ECLS Requested Services					
Private Sewage					
Soil Tests	128	87	106	112	433
Existing System Inspections	13	5	9	11	38
Authorizations Issued	1,817	1,494	1,552	1,595	6,458
Alternative System Permits Issued	13	17	16	20	66
Septage Pumps and Haulers					
Septage Pump Licenses Issued	22	18	130	56	226
Highway Remediation					
Highway Remediation Licenses issued	1	17	14	1	33
Water Quality					
Storm Water-Construction					
Authorizations Issued	459	348	259	256	1,322
Authorizations Terminated	263	124	104	132	623
Storm Water-Industrial					
Authorizations Issued	63	93	76	83	315
Authorizations Terminated	8	10	5	15	38
Total Number of Inspections					9,552
Technical Assistance					
Air Quality	7	6	2	5	20
DWSRF	2	0	2	8	12
Fish Kills	0	0	0	0	0
Hazardous Waste	6	2	2	5	15
Industrial WW	1	2	8	5	16
Solid Waste	8	6	14	10	38
Minor Water	6	3	6	3	18
Onsite Sewage	106	89	160	175	530
Private Water	18	11	6	23	58
Promote Soil Profile	19	18	31	21	89
Public Water Supply	30	24	38	30	122
Septage Hauler and Transporter	3	6	3	3	15
Spill	0	1	0	2	3
Stormwater	7	9	10	8	34
Tires	0	0	0	0	0
Total Retention Lagoon	19	9	16	18	62
Water Pollution Control	10	9	7	5	31
TOTAL	242	195	305	321	1,063

Agency Statistics

Individual Water Well Evaluation	QTR 1	QTR2	QTR 3	QTR 4	TOTAL
Requested Services – Private Water					
Water Well Inspections	2	1	1	5	9
Operator Certification					
On-site System Installer Certification					
Renewal Training Attendees	16	174	45	5	240
New Certification Examinations					
Sub-surface Examinations	4	6	0	3	13
Lagoon Examinations	1	1	1	0	3
Aerobic Spray Examinations	11	0	8	0	19
Aerobic Drip Examinations	0	0	0	1	1
Low Pressure Dosing Examinations	0	0	0	0	0
Soil Profiler Certification					
Renewal Training Attendees	2	67	8	0	77
New Certifications	3	0	7	0	10



oklahomadeq Need a Tuesday afternoon pick me up? Well, then we introduce you to this ray of sunshine as we continue celebrating #InternationalWomensDay! Sharon Smith is the Executive Secretary for DEQ's Executive Director's Office. Sharon has served in this role for a year and has been with the agency for four years. Sharon's typical workday consists of responding to numerous emails, answering phones, greeting guests, making travel arrangements, scheduling and preparing for meetings. However, there is no "normal" day for Sharon. She never knows who might pop by, who might call, and what might happen to completely rearrange everyone's schedule.

14 likes
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Land Protection Division Council/Rulemaking Meetings

Council Meetings	QTR 1	QTR2	QTR 3	QTR 4	TOTAL
HWMAC Meetings/Rulemaking Hearings	0	1	0	1	2
RMAC Meetings/Rulemaking Hearings	0	1	1	0	2
SWMAC Meetings/Rulemaking Hearings	1	0	0	0	1
Total					5

Permit Administration

Public Meetings for Permitting	0	0	0	0	0
Hazardous Waste					
Permit applications/plans received	71	68	64	55	258
Permit applications/plans approved	60	74	65	53	252
Permit Protest Hearings	0	0	0	0	0
Permits approved within timelines	60	74	63	53	250
Percent of sites on the GPRA 2020 list at which site-wide corrective action construction is complete	75%	75%	75%	78%	Not Cumulative
Radiation					
License applications/amendments received	76	77	102	80	335
License applications/amendments issued	78	72	91	108	349
Licenses issued within timelines	78	72	91	108	349
Solid Waste					
Permit applications/plans received	132	153	210	216	711
Permit applications/plans approved	146	208	182	234	770
Permit Protest Hearings	0	0	0	0	0
Permits approved within timelines	146	208	182	234	770
UIC					
Permit applications/plans received	11	12	11	17	51
Permit applications/plans approved	10	11	9	13	43
Permit Protest Hearings	0	0	0	0	0
Permits approved within timelines	10	11	9	13	43
Percent of Permits/Licenses Approved Within Timelines					99.9%

Agency Statistics



oklahomadeq To wrap up #InternationalWomensDay, we'd like to introduce you to some of our female managers. Unfortunately not every

Citizen and Local Government Outreach

Citizen Outreach - Mercury	QTR 1	QTR2	QTR 3	QTR 4	TOTAL
Households from which mercury was collected for recycling	5	3	5	11	24
Schools provided assistance with chemical disposal	4	6	5	4	19
Citizen Outreach - Radon					
Radon test kits requested by homeowners and schools					420
Citizen Outreach - Radiation Surveys					
Radiation surveys performed	4	10	12	37	63
Citizen Outreach - Industrial Radiography					
Industrial radiography exams held	3	3	3	3	12
Individuals taking industrial radiography exams	89	175	161	127	552
Local Government Outreach					
Local governments assisted with trash dump clean up and improved recycling programs					69
Communities & non-profits assisted with Brownfield funding	55	97	98	67	317
Dollar amount of solid waste fees reinvested in local projects					\$1,701,832
Citizen Outreach - SQG Self-Certification					
Percentage of SQG universe participating in self-certification	15.43%	15.76%	15.76%	16.01%	Not cumulative
Percentage of SQG universe participating in self-certification that self-identified at least one area of non-compliance	No new facilities	No new facilities - one re-certification	% same as previous qtr. Correct, no change.	No initial or re-certifications in Q4	

Land Restoration

Brownfields					
Phase I/II Targeted Site Assessments	1	0	2	2	5
Sites cleaned up using Brownfield Revolving Loan Funds	0	0	2	0	2
Brownfield Certificates issued	1	0	0	1	2
Superfund					
Preliminary assessments and site inspections completed	0	0	4	3	7
Number of Superfund 5-Year Reviews completed	0	0	1	0	1
Active NPL sites					15
NPL sites in state-lead operations and maintenance					6
Removals conducted by DEQ					3
Removals conducted by EPA with DEQ assistance					1
DOD facilities going through the CERCLA process					30
Voluntary Clean-Up Program					
Contaminated sites in the VCP	81	85	85	83	Not cumulative
Contaminated sites cleaned up under the VCP	1	2	0	2	5
Governmental Entities					
Governmental entities assisted with restoration of damaged lands	8	5	6	4	23
Waste Tires					
Community-wide collection events held	12	6	14	11	43
Tires diverted from illegal dumping through community-wide collection events	39,829	47,747	49,272	89,571	226,419
Illegal tire dumps remediated	16	9	12	7	44
Abandoned tires remediated from illegal dumps	9,575	4,079	11,977	4,050	29,681
Tar Creek					
Tons of chat from the Tar Creek Superfund Site marketed	15,819.72	0	10,375.83	15,134.47	41,330.02
Tons of chat from the Tar Creek Superfund Site disposed	44,506	60,192.76	129,483.45	224,947.80	459,130.01
SCAP					
Number of National Guard amories, orphan sites, and publicly owned properties remediated and available for reuse	0	0	0	0	0
In FY19 SCAP worked on two large orphan sites that will be completed in FY20.					
All Programs					
Total acres of land cleaned up or restored to beneficial reuse					142.09

Complaints

	QTR 1	QTR 2	QTR 3	QTR 4	TOTAL
Complaints referred to LPD	11	16	7	20	54
LPD complaints resolved	10	10	5	12	37
LPD complaints resolved < 90 days or approved extension	10	10	5	12	37
Percent of Complaints Resolved Within 90 Days or Approved Extension					100%

Inspection Programs

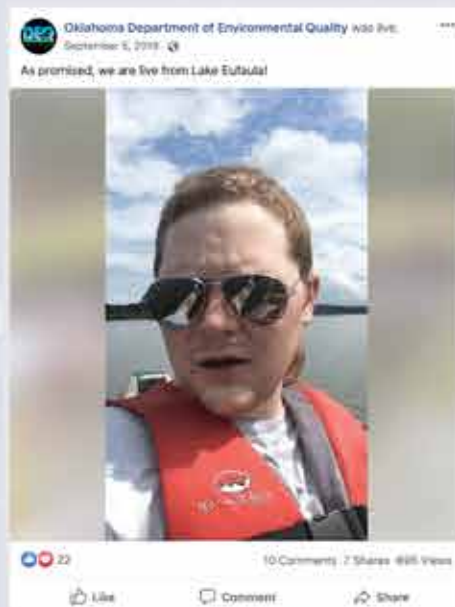
Hazardous Waste					
Inspections at Oklahoma hazardous waste generators, transporters, & non-commercial disposal facilities	4	20	11	21	56
Hazardous waste inspections at Oklahoma military facilities	0	0	1	4	5
Inspections at Oklahoma commercial hazardous waste disposal facilities	3	2	1	0	6
Groundwater monitoring evaluations at hazardous waste disposal facilities (CME & OAM)	2	3	0	0	5
Radiation					
Inspections at Oklahoma licensees	35	23	28	33	119
Solid Waste					
Inspections at Oklahoma solid waste disposal facilities	73	83	59	66	281
Non-hazardous Industrial Waste					
NHIW certifications reviewed	326	173	358	433	1,290
UIC					
Inspections at Oklahoma UIC wells	0	6	0	6	12
Used Tires					
Inspections at Oklahoma used tire processors	18	18	18	18	72
Inspections of tire dealers and motor license agents	22	8	7	80	117
Total Number of Inspections Performed					673

Enforcement Administration

Hazardous Waste					
Notices to Comply issued	3	3	2	8	16
Notices of Violation issued	0	0	0	2	2
Orders issued	1	0	1	0	2
Facilities in significant non-compliance	2	1	1	2	6
Dollar amount of fines paid	\$0	\$9,967.50	\$14,596.88	\$0	\$24,564.38
Supplemental Environmental Projects	0	0	0	0	0
Dollar amount of Supplemental Environmental Projects	\$0	\$0	\$0	\$0	\$0
Radiation					
Notices of Violation issued	21	25	12	7	65
Orders issued	1	1	1	1	4
Dollar amount of fines paid	\$0	\$10,000	\$16,500	\$9,500	\$36,000
Supplemental Environmental Projects	0	0	0	0	0
Dollar amount of Supplemental Environmental Projects	\$0	\$0	\$0	\$0	\$0
Solid Waste					
Notices of Violation issued	0	0	1	4	5
Orders issued	0	3	2	0	5
Dollar amount of fines paid	\$500	\$0	\$0	\$0	\$500
Supplemental Environmental Projects	0	0	0	0	0
Dollar amount of Supplemental Environmental Projects	\$0	\$0	\$0	\$0	\$0
UIC					
Notices of Violation issued	0	0	0	0	0
Orders issued	0	0	0	0	0
Dollar amount of fines paid	\$0	\$0	\$0	\$0	\$0
Supplemental Environmental Projects	0	0	0	0	0
Dollar amount of Supplemental Environmental Projects	\$0	\$0	\$0	\$0	\$0
Used Tires					
Notices of Violation issued	0	0	0	0	0
Orders issued	0	1	1	0	2
Dollar amount of fines paid	\$0	\$0	\$0	\$0	\$0
Supplemental Environmental Projects	0	0	0	0	0
Dollar amount of Supplemental Environmental Projects	\$0	\$0	\$0	\$0	\$0

Agency Statistics

Enforcement Administration (Continued)	QTR 1	QTR 2	QTR 3	QTR 4	TOTAL
Total Enforcement Actions					85
Total Fines					\$61,064.38
Total SEPs					0
Total SEP \$					\$0
Sara Title III – Community Right to Know (EPCRA)					
Tier 2 Reports Filed	162	356	51,683	963	53,164
Toxic Release Reports Filed	1,375	0	0	0	1,375
Industry Request for Guidance	501	579	4,651	1,679	7,410
CAMEO/Submit Instruction/Presentations	7	18	22	20	67
LEPC Meetings Attended	11	16	13	2	42
EPA Inspections Attended	0	0	0	0	0



The tablet screen shows the DEQ website with the following sections:

- Office of External Affairs**
 - For Citizens
 - For Media
 - Environmental Education
 - Emergency Action Guidelines
 - Contact
- Business & Industry**
 - DEQ's Office of External Affairs (OEA) works to provide and improve services between the agency and Oklahoma's business, industry, and agriculture sectors. OEA provides a variety of services, including:
 - Regulatory assistance
 - Permitting assistance
 - Technical assistance
 - Public relations and media relations
 - Emergency response
 - Environmental education
 - Public participation
 - Environmental justice
 - Environmental equity
 - Environmental justice
 - Environmental equity
 - Environmental justice
 - Environmental equity

Office of External Affairs	QTR 1	QTR 2	QTR 3	QTR 4	TOTAL
Graphics and Publications					
Designs/Illustrations/Graphics Produced	323	275	312	317	1,227
Publications/Brochures/Fact Sheets Produced	87	171	112	139	509
Videos Produced	8	3	8	12	31
Web Requests					
Agency	46	61	68	112	287
Public	4	3	1	9	17
Gov Delivery					
Subscribers	3,859	4,140	4,447	4,578	Not Cumulative
Information Dissemination and Environmental Education					
Conferences/Displays	1	2	4	2	9
Environmental Education Packets/Information Distributed	75	100	25	20	220
Oklahoma Green Schools					
Registered Schools	42	2	4	4	52
Students Impacted	11,021	950	535	435	12,941

Agency Statistics



State Environmental Laboratory Services

Laboratory Operations

Laboratory Tests Performed	TOTAL
SDWA	18,793
OWRB	15,273
Lab Priority	791
DEQ	1,358
Private	6,963
Contractual	618
PDES	459
SELS	623
TOTALS	44,878

Labwide Test by Test Reporting	TOTAL
EM	15,194
GC	2,206
GCMS	1,381
HM	6,650
RC	515
WC	18,208
TOTALS	44,154

Laboratory Improvements

New Instruments	4
New Equipment	7
Replacement Instruments	3
Replacement Equipment	4
New Methods Implemented	2
Methods in Development	2

Lab Capacity

Analysis Inventory	% Capacity
Block Digestor	39
Detectors	56
FIA	45
GC	24
GCMS	47
GPC	38
ICP	56
ICPMS	44
Incubator	33
IC	50
Ovens	28
Refrigerator	41
Overall	*41.6
Staffing	Max Capacity
PINS Filled	54
PINS Empty	2
Division Staffing %	96
New Hires	4
Turnover	4
Average Years of Experience	11.6

*The Overall percentage takes into account all instruments and equipment beyond those listed in the above Analysis Inventory.

SELS Special Operations – Emergency Response

Primacy	
Field Events	0
Sampling Event	4
Technical Assistance Events	28
Non-primacy	
Field Events	1
Sampling Event	7
Technical Assistance Events	7
Emergency Response Exercises	
Events	1
Complaints	
Field Events	0
Sampling Event	3
Technical Assistance Events	18
Crypto	
Field Events	7
Sampling Event	17
Technical Assistance Events	12
Fish Kills	
Field Events	0
Sampling Event	2
Technical Assistance Events	19
Enforcement Assistance	
Field Events	3
Sampling Event	0
Technical Assistance Events	0
Fish Consumption Advisories	
Reservoirs Sampled	12
Advisories Evaluated	183
Consumption Advisories Added	42
Consumption Advisories Dropped	3
TOTALS	358

Laboratory Customer Support

SDWA	TOTAL
Technical Assistance	7,017
Project Sampling Kits Provided	14,517
Targeted Outreach	5
OWRB	
Technical Assistance	15
Project Sampling Kits Provided	325
Targeted Outreach	7
DEQ	
Technical Assistance	78
Project Sampling Kits Provided	144
Targeted Outreach	3
Private	
Technical Assistance	9,569
Project Sampling Kits Provided	1,696
Targeted Outreach	5
PDES/CWA	
Technical Assistance	7
Project Sampling Kits Provided	188
Targeted Outreach	2
Social Media Interactions	23
TOTALS	33,601

SELS Laboratory Accreditation / WQMAC/EOB Meetings

Laboratory Certification	TOTAL
Applications Received	13
Facility Inspections	46
Certificates Issued-New	7
Certificates Issued-Recertified	164
New Areas of Accreditation	1
Withdrawals/Revocations	0
Appeals/Hearing/NOV	0
Feedback Received	8
Complaints Received	4
LAP Assessor Participation	13
LAP Document and Report Peer Reviews	18
TOTALS	274

Training Related

Professional Meetings and Conferences	TOTAL
Professional Meetings/Conferences	17
Water Quality Management Advisory Council	3
Environmental Quality Board Meetings	2
TOTALS	22

Professional Training Services Provided	TOTAL
Professional Presentations	7
Lab Tours	4
Non-Program Specific Outreach	5
TOTALS	16

SELS Meetings

Divisional Meetings	5
Manager Meetings	7
Group Manager Meetings	7

SELS QS MSR Components

Suitability of Processes and Procedures	TOTAL
New Policies	2
Revised Policies	1
New SOPs	3
Revised SOPs	38
New WIDS	22
Revised WIDS	20
TOTALS	86

Regulatory Administration

New Programs	3
Revised Programs	0
New Rules	4
Revised Rules	0
New Accreditations/Certifications	1
Rev Accreditations/Certifications	3

Process Improvements

PIPs Opened	24
PIPs Closed	21

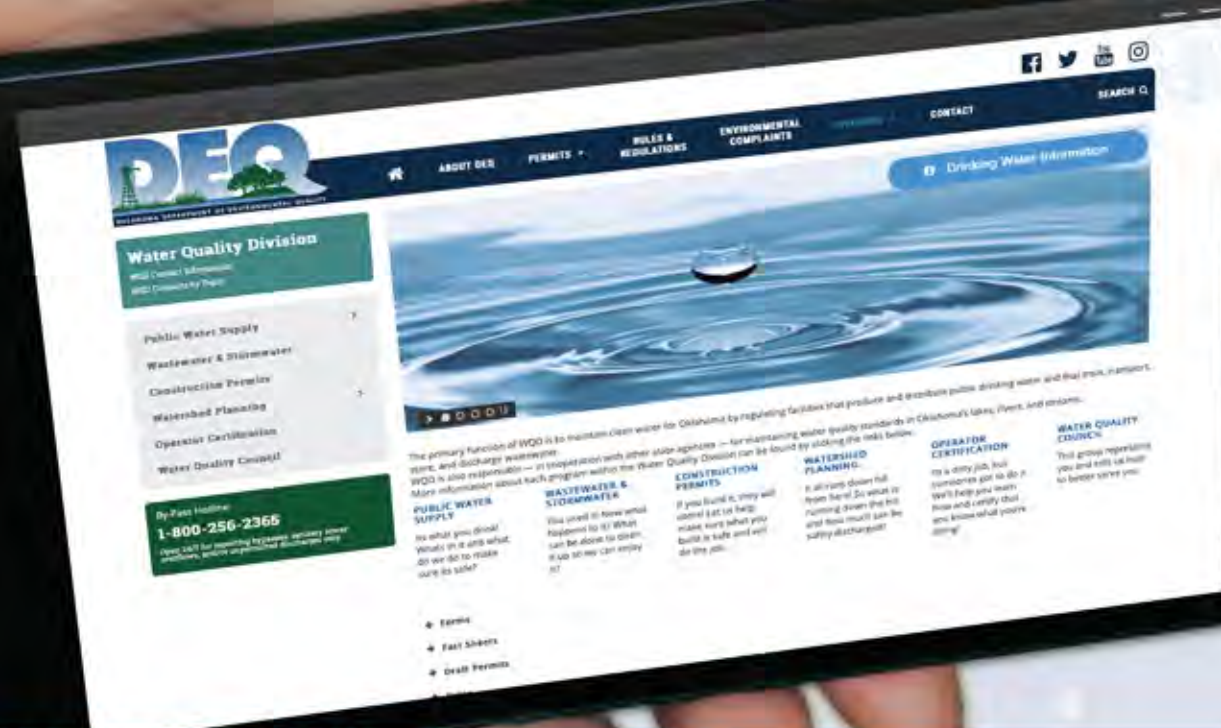
Assessments

Internal	
Internal Opened	6
Internal Closed	9
External	
External Opened	1
External Closed	0

PT Studies

PT Studies Participated in (end date)	37
Total # of Analytes	1668
Analyte Failures	13
Repeat Analyte Failures	0

Agency Statistics



Inspections

Public Water Supply	QTR 1	QTR 2	QTR 3	QTR 4	TOTAL
Monitoring Inspections (from ECLS)	311	342	342	665	1,660
Municipal Wastewater					
Monitoring Inspections (from ECLS)	78	71	93	153	395
Pretreatment Compliance	0	1	8	13	22
Pretreatment Audits	0	1	2	2	5
Compliance Evaluation Inspections	9	18	14	12	53
Compliance Sampling Inspections	0	0	0	1	1
Industrial Wastewater					
Monitoring Inspections (from ECLS)	79	79	100	217	475
Compliance Evaluation Inspections	12	8	14	13	47
Compliance Sampling Inspections	0	0	0	1	1
Storm Water					
Compliance/TA Inspections	49	23	33	41	146
NOT Inspections (from ECLS)	126	173	143	168	610
Active Permit Inspections (from ECLS)	16	58	62	129	265
No Exposure Inspections (from ECLS)	4	33	12	45	94

Operator Certification – New Certified Examinations

Water Operator	222	251	196	276	945
Wastewater Operator	176	263	178	222	839
Water Laboratory Operator	34	51	23	23	131
Wastewater Laboratory Operator	57	36	47	16	156

Permit Administration – Water Quality Permitting

Construction Applications/Permits Issued					
Public Water Supply Received	168	146	124	163	601
Public Water Supply Issued	146	141	137	131	555
Water Well Received	6	9	3	5	23
Water Well Issued	5	5	6	3	19
Municipal Wastewater Received	112	94	117	124	447
Municipal Wastewater Issued	105	89	118	111	423
Municipal Wastewater Applications/Permits Issued					
Discharge Applications Received	9	5	16	15	45
Discharge Permits Issued	9	13	11	9	42
Industrial Wastewater Applications/ Individual Permits Issued					
Applications Received	5	7	5	20	37
Permits Issued	6	5	6	17	34
Stormwater					
Construction Authorization Processed (from ECLS)	459	348	259	268	1,334
Multi-Sector Industrial Authorization Processed (from ECLS)	63	93	76	85	317
Other Industrial General Permits					
Applications Received	56	30	53	21	160
Authorization Issued	42	11	75	77	205
Other Municipal General Permits					
Applications Received	0	0	0	0	0
Authorization Issued	0	10	0	0	10
Sludge Management Applications/Plans Approved					
Applications Received	0	0	0	0	0
Plans Approved	0	0	0	1	1
Total Permits Issuance > Timelines	11	14	14	8	47
Total Permit Protest Hearings	0	0	0	0	0

Water Quality Division

TMDL Development					
TADS					
TMDLs Started	19	19	8	0	46
TMDLs Completed	0	0	3	11	14
Data Management					
Groundwater					
Sites With GPS Correction	5	6	19	19	49
Enforcement Administration					
Public Water Supply					
Boil Advisories	5	2	4	4	15
Notices of Violation	65	57	50	46	218
Consent / Final Orders	1	15	4	3	23
Fines Paid	\$1,000	\$9,500	\$5,125	\$3,500	\$19,125
Supplemental Environmental Projects	\$0	\$0	\$0	\$0	\$0
TOTAL number of SEPs	0	0	0	0	0
Municipal Wastewater					
Notices of Violation	28	46	27	15	116
Consent / Final Orders	\$13,906.50	\$12,000	\$13,775	\$85,400	\$125,081.50
Fines Paid			\$68,890		
Supplemental Environmental Projects	\$0	\$0		\$0	\$68,890
TOTAL number of SEPs	0	0	1	0	1
Industrial Wastewater					
Notices of Violation	8	6	11	10	35
Consent / Final Orders	\$2,000	\$500	1	\$2,000	3
Fines Paid			\$0		\$4,500
Supplemental Environmental Projects	\$0	\$0	\$0	\$0	\$0
TOTAL number of SEPs	0	0	0	0	0
Storm Water					
Notices of Violation	4	10	1	15	30
Consent / Final Orders	\$6,250	\$15,450	\$13,625	\$10,125	18
Fines Paid					\$45,450
Supplemental Environmental Projects	\$0	\$0	\$0	\$0	\$0
TOTAL number of SEPs	0	0	0	0	0

