

Oklahoma Department of Environmental Quality 2022 Annual Report



OKLAHOMA
Environmental
Quality



Abandoned barn in rural Oklahoma



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Message from the Executive Director



DEQ was founded to protect Oklahoma's public health and the environment. Through innovation and perseverance, our employees have gone above and beyond to overcome challenges and ensure the health and safety of all Oklahomans.

DEQ staff continually implement new ways of protecting public health. The Lead Testing in Schools and Child Care Facilities program, for example, will protect the children of Oklahoma now and for generations to come by ensuring they have lead-free drinking water in the environments where they spend much of their time.

Over the past year, the State Environmental Laboratory (SELS) acquired new equipment, greatly expanding its analytical capabilities. SELS also purchased a mobile laboratory unit funded through an EPA grant, enabling DEQ scientists to perform on-site testing resulting in increased efficiency during event response.

The Brownfields Program has continued to clean up environmental contamination at former commercial and industrial properties, allowing these sites to be safely reused and providing a boon to local economies. Thanks to the incredible work of our Brownfields team over the years, Oklahoma City was chosen as the site of the 2022 National Brownfields Conference, an event which brings together participants from local, state, and federal agencies across the country, as well as participants from the private sector, to learn and further develop their environmental remediation skills.

DEQ has numerous programs that benefit public health and safety in Oklahoma including: air quality monitoring, testing for mercury in fish, tire recycling, radiation and hazardous waste management, and many more. From radon testing in homes, to cleaning up illegal dumps, to issuing health advisories via email, text, and social media, everything DEQ does is done with public health in mind.

Our staff is committed to protecting Oklahoma's air, land, and water resources now and for the future. They have worked diligently to overcome obstacles, institute new procedures, and protect public health and the environment. I am proud of their dedication and know we will continue to improve and adapt to protect all Oklahomans.

Sincerely,

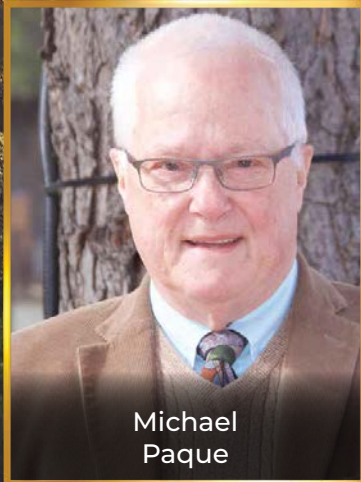
A handwritten signature in black ink, appearing to read "Scott A. Thompson", written in a cursive style.

Scott A. Thompson

Environmental Quality Board



Tracy
Hammon



Michael
Paque



James
Kinder



Perry Mark
Barton



Alexie
Kindrick



John
Easton



Shannon
Ferrell



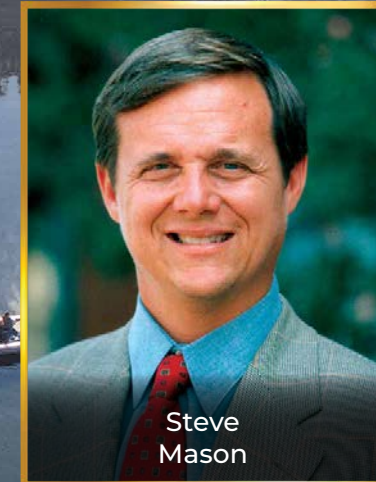
Matthew
Newman



Kenneth
Hirshey



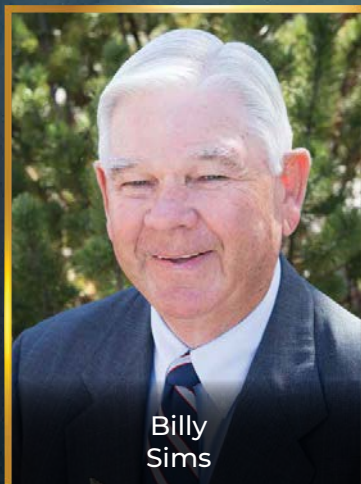
Richard
Auer



Steve
Mason



Tim
Munson



Billy
Sims

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

Board Rulemaking Activities

Chapter	Council	Description	Adopted	Type	Effective
100, SC 2, Appendix Q	Air Quality Advisory Council	Amended OAC 252:100, Air Pollution Control, to reflect the latest date of incorporation of EPA regulations in Appendix Q relating to the National Emission Standards for Hazardous Air Pollutants (NESHAP) and New Source Performance Standards (NSPS)	EQB 11-14-21 Governor signed 6-21-22	Permanent	9-15-22
100, SC 8	Air Quality Advisory Council	Amended OAC 252:100, Air Pollution Control, to amend and simplify the recordkeeping requirements for facilities subject to prevention of significant deterioration (PSD). This proposed rulemaking is in response to requests from industry to add the "reasonable possibility" provisions.	EQB 11-14-21 Governor signed 6-21-22	Permanent	9-15-22
100, SCs 8, 37, 39	Air Quality Advisory Council	Amended OAC 252:100, Air Pollution Control, to amend for clarification/correction/removal of outdated language, designed in part to comport with Governor's Executive Order 2020-03.	EQB 11-14-21 Governor signed 6-21-22	Permanent	9-15-22
100, SC 13	Air Quality Advisory Council	Amended OAC 252:100, Air Pollution Control, to amend the requirements for the use of an air curtain incinerator (ACI) in certain counties or areas within a county. This change conforms the Department's rules to statutory changes enacted in the 2021 legislative session.	EQB 11-14-21 Governor signed 6-21-22	Permanent	9-15-22
100, SCs 1, 7, 8	Air Quality Advisory Council	Amended OAC 252:100, Air Pollution Control, to allow for certain construction activities to be conducted at the owner/operator's risk after submittal of an administratively complete application but prior to issuance of the construction permit.	EQB 2-18-22 Governor signed 6-21-22	Permanent	9-15-22
100, SC 47	Air Quality Advisory Council	Amended OAC 252:100, Air Pollution Control, to align DEQ rules with recent federal rule changes regarding landfill gas collection and control systems, allowing DEQ to implement the requirements rather than EPA.	EQB 2-18-22 Governor signed 6-21-22	Permanent	9-15-22
205	Hazardous Waste Management Advisory Council	Amended OAC 252:205, Hazardous Waste Management, to make DEQ's hazardous waste rules consistent with the federal regulations including modernizing the rules governing determinations for ignitable liquid hazardous wastes. The amendment also corrects cross references to DOT regulations and removes obsolete information.	EQB 2-18-22 Governor signed 6-21-22	Permanent	9-15-22
221	Hazardous Waste Management Advisory Council	Amended OAC 252:221, Brownfields to remove outdated citations, allow for electronic files to be posted on DEQ's website and simplify the process for participants in DEQ's Brownfields Certificate Program and Brownfields Revolving Loan Fund Program.	EQB 2-18-22 Governor signed 6-21-22	Permanent	9-15-22

Chapter	Council	Description	Adopted	Type	Effective
301	Water Quality Management Advisory Council	Amended OAC 252:301, Laboratory Accreditation, to update incorporation by reference of EPA analytical methodologies, including alternate methods, and other changes to align with the updates.	EQB 2-18-22 Governor signed 6-21-22	Permanent	9-15-22
302	Water Quality Management Advisory Council	Amended OAC 252:302, Field Laboratory Accreditation, to update incorporation by reference of EPA analytical methodologies, including alternate methods, and other changes to align with the updates.	EQB 2-18-22 Governor signed 6-21-22	Permanent	9-15-22
307	Water Quality Management Advisory Council	Amended OAC 252: 307, TNI Laboratory Accreditation, to update incorporation by reference of EPA analytical methodologies, including alternate methods, and other changes to align with the updates.	EQB 2-18-22 Governor signed 6-21-22	Permanent	9-15-22
410	Radiation Management Advisory Council	Amended OAC 252:410, Radiation Management, to update incorporation by reference of federal rules, simplify the process of industrial radiography certification for military personnel and their spouses and remove, clarify, and simplify outdated or unclear language in accordance with Governor's Executive Order 2020-03.	EQB 2-18-22 Governor signed 6-21-22	Permanent	9-15-22
515	Solid Waste Management Advisory Council	Amended OAC 252:515, Management of Solid Waste, to remove outdated rules and simplify and clarify language in accordance with Governor's Executive Order 2020-03.	EQB 2-18-22 Governor signed 6-21-22	Permanent	9-15-22
606	Water Quality Management Advisory Council	Amended OAC 252:606, Oklahoma Pollutant Discharge Elimination System (OPDES) Standards, to update incorporation by reference of EPA regulations, including methodologies for wastewater testing, to ensure Oklahoma maintains delegation of the OPDES program in lieu of EPA.	EQB 2-18-22 Governor signed 6-21-22	Permanent	9-15-22
631	Water Quality Management Advisory Council	Amended OAC 252:631, Public Water Supply Operation, to ensure the Department remains in compliance with federal regulations promulgated pursuant to the Reduction of Lead in Drinking Water Act (RLDWA) and Safe Drinking Water Act (SDWA). The RLDWA revised the definition of "lead free" to lower the allowable maximum lead content of plumbing products and established a statutory method for calculating lead content.	EQB 2-18-22 Governor signed 6-21-22	Permanent	9-15-22
690	Water Quality Management Advisory Council	Amended OAC 252:690, Water Quality Standards Implementation, to update incorporation by reference of EPA regulations, which include the Clean Water Act Methods Update Rule.	EQB 2-18-22 Governor signed 6-21-22	Permanent	9-15-22

Air Quality Advisory Council

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 EQB. Upon EQB adoption, the rules proceed to the state Legislature and Governor for final approval and adoption. Generally, all non-emergency rules approved through this process become effective the following September 15th.

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 Garry Keele, representing the general public, as Vice Chair for the 2022 calendar year.

Two of the three regularly scheduled AQAC meetings were held during state fiscal year (FY) 2022: one in October 2021 and one in January 2022. The May 2022 AQAC meeting was cancelled.

At the October 2021 regularly scheduled meeting in Oklahoma City, the AQAC recommended for adoption the annual update of Appendix Q, Incorporation By Reference (IBR), 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 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.

At the October meeting, the AQAC also recommended revisions to OAC 252:100-13, Open Burning, for adoption by the EQB. These revisions were necessary to conform DEQ's rules to statutory changes made to 27A Oklahoma Statutes (O.S.) § 2-5-130 during the 2021 legislative session. Effectively, the revisions restricted the areas where an air curtain incinerator (ACI) is required for land clearing operations or the burning of clean wood waste or yard brush.

Two additional rule packages were presented to the AQAC during the October meeting; however, DEQ staff recommended, and the Council voted, to hold these rules over to a subsequent meeting. Therefore, the two rules were presented again at the second meeting of FY22, held in January 2022 in Oklahoma City.

At the January meeting, DEQ presented amendments to OAC 252:100, Subchapters 1, 7 and 8, to allow for certain construction activities to be conducted at the owner/operator's risk

Member	Professional Realm	Appointing Official	Term Expires
Matt Caves	Electric Utilities	Governor	6/15/2027
Gary Collins	Agriculture	Governor	6/15/2024
Robert D. Delano, Ph.D.	Higher Education	Governor	6/15/2025
Gregory Elliott	Petroleum	Governor	6/15/2026
Garry L. Keele**	General Public	Governor	6/15/2026
Stephen Landers	Manufacturing	Governor	6/15/2023
Laura Lodes*	Engineering	Governor	6/15/2027
John Privrat	Transportation	Governor	6/15/2028
Jeffrey P. Taylor	Local Government	Governor	6/15/2029

* Chair ** Vice-Chair

after submission of an administratively complete minor New Source Review (NSR) permit application but prior to the issuance of the construction permit. DEQ also proposed revisions in Subchapter 7 to give regulatory clarity regarding when a construction permit is required by inserting the federal terms for pieces of equipment and processes subject to NSPS and NESHAP. These revisions will provide flexibility and clarity to the regulated community. The AQAC recommended these amendments to the EQB for adoption as permanent rules.

Also at the January meeting, DEQ presented amendments to OAC 252:100-47, Control of Emissions from Existing Municipal Solid Waste Landfills,

in order to incorporate the provisions of 40 C.F.R. Part 60, Subpart Cf, "Emission Guidelines and Compliance Times for Municipal Solid Waste Landfills" into the state rules. EPA is implementing the emission guidelines for existing municipal solid waste landfills with a Federal Plan under 40 C.F.R. Part 62, Subpart OOO, until such time as DEQ revises Subchapter 47 and its State 111(d) Plan. The AQAC voted to recommend these amendments to the EQB as the first step in replacing the Federal Plan with a State Plan.

More information on the Council's activities can be accessed on DEQ's website at <https://www.deq.ok.gov/council-meetings/air-quality-advisory-council/>.

Hazardous Waste Management Advisory Council

Member	Professional Realm	Appointing Official	Term Expires
Dale Copeland	Political Subdivision	Governor	3/1/2023
R. Kinnamon Clark	Industry	Governor	3/1/2023
Matt Cobb	Statewide Non-Profit Environmental Association	Governor	3/1/2024
Wesley Anderson	Industry Generating Hazardous Waste	Pro Tempore	2/13/2021
Kenneth Ede	General Public	Pro Tempore	11/3/2024
Lyndel Gibson	Political Subdivision	Pro Tempore	9/30/2022
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

The Hazardous Waste Management Advisory Council met on October 21, 2021. The primary purpose of the October meeting was a roll-call vote to approve the annual Incorporation by Reference (IBR) update.

The purpose of the update was to change the IBR date to 2021, which ensures equivalency with the federal program. Specific rule changes incorporated included modernizing the rules governing determinations for ignitable liquid hazardous wastes. The IBR ensures that Oklahoma's hazardous waste rules are at least equivalent to the federal rules.

There was also a roll-call vote to approve changes to certain state rules that became obsolete through statutory changes. The division made a budget presentation, the council approved the minutes of the previous meeting, meeting dates were set for next year, and the meeting was adjourned.

Bison on prairie in Wichita Mountains Wildlife Refuge, Oklahoma

Hazardous Waste Fund

DEQ's Hazardous Waste Fund is authorized by the Hazardous Waste Fund Act, 27A O.S. § 2-7- 301 et seq. There was \$0.00 received in income to the Hazardous Waste Fund in FY 2022, 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 2022, DEQ provided mercury collection and disposal services for 41 Oklahoma households from money previously placed in the Hazardous Waste Fund.



A prairie field in Oklahoma

Water Quality Management Advisory Council

The Water Quality Management Advisory Council (WQMAC) is made up of 12 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. The WQMAC typically meets three or 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 the EQB. Currently, 23 chapters of rules are under the authority of the 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 2022, the WQMAC met on October 5, 2021, and January 11, 2022. The Council passed permanent rule changes to Chapters 301, 302, 307, 606, 631 and 690.

Member	Professional Realm	Appointing Official	Term Expires
Ron Jarman	General Public	Governor	3/1/2023
Robert Carr	Operator for Municipal Waterworks and Wastewater Works Facility	Pro Tempore	10/31/2022
Mary E. Mach	Environmental Organization	Governor	3/1/2024
Willard B. Smith	Engineering	Governor	3/1/2025
Rick J. Moore	Industry	Pro Tempore	4/2/2023
Steve Sowers **	Oil Field Related	Pro Tempore	3/11/2024
Duane L. Winegardner	Geology	Pro Tempore	3/11/2024
Debbie Wells	Rural Water District	Speaker of the House	6/30/2019
Vacant	Agriculture	Speaker of the House	–
Vacant	Local Government	Speaker of the House	–
Brian Duzan *	Private Laboratory	Governor	3/1/2023
Mark Matheson	Operator in Rural Water or Sewer District	Speaker of the House	6/30/2019

* Chair ** Vice-Chair

Spring Creek in Teresita, Oklahoma

Radiation Management Advisory Council

The Radiation Management Advisory Council met on September 30, 2021, at DEQ's main office. The Council approved changes to the rules that amend Chapter 410 based on recommended changes and corrections from the directive of the Oklahoma Governor, Nuclear

Regulatory Commission, and DEQ. The changes included updating the DEQ rules to maintain compatibility with NRC rules and updating the radiography certification rules to demonstrate compatibility with new state statutes.

Member	Professional Realm	Appointing Official	Term Expires
Karen Jennings**	Environmental Organization	Governor	7/1/2024
Jeffery J. Lux	Engineering Profession	Governor	7/1/2023
Carl Noble	Industry Located in this State Which Uses Sources of Radiation in its Manufacturing or Processing Business	Governor	7/1/2025
Christopher Honigsberg	General Public	Pro Tempore	1/21/2024
L. David Alcorn	Industrial Radiography	Pro Tempore	1/21/2024
George MacDurmon*	Faculty of Institute of Higher Learning of University Status	Pro Tempore	1/4/2024
Vacant	Transportation Industry	Speaker of the House	1/21/2024
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

Turner Falls near Davis, Oklahoma

Solid Waste Management Advisory Council

Member	Professional Realm	Appointing Official	Term Expires
Piotr Baidas	Waste-to-Energy Industry	Governor	6/30/2025
Mary Jo (Jody) Reinhart	Statewide Environmental Organization	Governor	3/1/2025
Robert J. Joyce	General Public	Governor	3/1/2023
Rodney L. Cleveland	County Commissioner	Governor	3/1/2024
April Sacha	Industry Generating Solid Waste	Pro Tempore	3/16/2023
Jim Linn	Political Subdivision	Pro Tempore	3/1/2025
Christopher Schaefer	Geology	Pro Tempore	3/2/2024
Brenda Merchant**	Transportation	Speaker of the House	12/4/2020
M. Todd Adcock	Solid Waste Disposal Industry	Speaker of the House	3/7/2020
Vacant*	Engineering	Speaker of the House	–

* Chair ** Vice-Chair

The Solid Waste Management Advisory Council (SWMAC) serves as the initial rulemaking body for Solid Waste Management within the Land Protection Division 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 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).

Two regular meetings of the SWMAC were convened during the fiscal year. Revenue and spending reports for the previous year and budget report for the upcoming year were approved for the Electronic Waste, Solid Waste and Used Tire Recycling programs. Amendments were accomplished to Oklahoma Administrative Code 252:515, Management of Solid Waste, to remove redundant and outdated regulations and make minor changes to clarify existing language.

Turner Falls near Davis, Oklahoma

FY 2022 Solid Waste Fees Budgeted

FY 2023 Solid Waste Fees Budgeted

FY 2022 Income (receipts for 07/01/2021 - 06/30/2022)

\$6,328,438

	FY 2022 Budget for Solid Waste Program	FY 2022 Expenditures as of 08/18/2022	FY 2022 Remaining Encumbrances
Salaries and other Compensation Expenses	3,036,230	2,791,081	–
Travel Expenses	67,064	17,619	–
Administrative Expenses	373,693	182,535	100,239
Lab Equipment, Furniture & Building Construction & Air Monitoring Sites	32,520	100,700	55,836
Indirect Costs (FY 2022 rate is 24.17%)	733,857	674,604	–
Professional Services/Local Governments & Non-Profit Projects & Programs			
Oklahoma County Circuit Engineering & Non-Profit Projects & Programs	35,000	35,000	–
Environmental Education Technical/Professional Services	350,000	331,758	77,142
Local Governments Miscellaneous Projects	300,000	283,122	50,000
Community Based Environmental Protection	400,000	430,586	77,806
Projects to Implement County Plans	620,000	616,575	3,425
Recycling Equipment	200,000	39,045	1,005
Total Budget for Contracts	1,905,000	1,736,085	209,379
TOTALS	\$6,148,364	\$5,502,624	\$365,454

	FY 2023 Budget for Solid Waste Program
Salaries and other Compensation Expenses	2,934,361
Travel Expenses	87,180
Administrative Expenses	414,222
Lab Equipment, Furniture & Building Construction & Air Monitoring Sites	7,000
Indirect Costs (FY 2023 rate is 26.97%)	791,397
Professional Services/Local Governments & Non-Profit Projects & Programs	
Oklahoma County Circuit Engineering & Non-Profit Projects & Programs	35,000
Environmental Education Technical/Professional Services	500,000
Local Governments Miscellaneous Projects	350,000
Community Based Environmental Protection	450,000
Projects to Implement County Plans	620,000
Recycling Equipment	–
Total Budget for Contracts	1,955,000
TOTALS	\$6,189,161

Lyre Hood Lake in Oklahoma City, Oklahoma

Our Mission:

*To protect and improve public health
and our environment.*

Our Vision:

*To lead the nation in fostering a healthy
and sustainable future through effective
and innovative environmental actions.*

Wildflowers on a prairie in Oklahoma

Employees of the Quarter and Year



Jeff Lawler
1st QUARTER



Kory Collier
2nd QUARTER



Kambridge Stephens
4th QUARTER



Ramona Haggins
**3rd QUARTER &
EMPLOYEE of the YEAR**

Wichita Mountains Wildlife Refuge, Oklahoma

Organizational Chart

ENVIRONMENTAL QUALITY BOARD

LEGAL SERVICES

General Counsel Jennifer Boyle	Deputy General Counsel Madison Miller
Litigation Attorney Supervisor Gary Henry	LPD Env Attorney Supervisor Pam Dizikies
AQD Env Attorney IV Travis Couch	ECLS Env Attorney Supervisor Vacant
WQD Env Attorney IV April Eberle	Criminal Investigators Env Prog Mgr, Dennis Williams

OFFICE OF THE EXECUTIVE DIRECTOR

Executive Director
Scott Thompson

Deputy Executive Director
Jimmy Givens

Chief of Staff
Robert Singletary

Legislative Liaison
Michelle Wynn

Chief Engineer
Saba Tahmassebi

OFFICE OF BUSINESS & REGULATORY AFFAIRS

Director, Lloyd Kirk

OFFICE OF CONTINUOUS IMPROVEMENT

Director, Skylar McElhaney **Env Prog Mgr, Jon Roberts**

OFFICE OF COMMUNICATIONS & EDUCATION

Director, Erin Hatfield

Hazardous Waste Management
Advisory Council

Radiation Management
Advisory Council

Air Quality
Advisory Council

Small Business Assistance
Compliance Advisory Panel

Water Quality Management
Advisory Council

Solid Waste Management
Advisory Council

ADMINISTRATIVE SERVICES DIVISION

Director, Kathy Aebischer
Assistant Director, Vacant

Financial Management
— Amber Miller

Human Resources Mgmt
— Karla Addington

Human Resources Mgmt Section
— Bridgett Griffin

Budgets, Payables, & Grants Mgmt Section
— Tiffany Schwimmer

Revenue Mgmt Section
— Nykkia Harris

Training Programs
— Melanie Leathers

Acquisition Mgmt Section
— Stacey Tucker

Building Operations
— Terry Stilwell

Plant Manager
— Dawell Wright

Records Mgmt Section
— Rhonda Craig

AIR QUALITY DIVISION

Director, Kendal Stegmann
Assistant Director, Beverly Botchlet-Smith
Engineering Manager, Phillip Fielder

Data & Planning
— Cheryl Bradley

Permitting
— Lee Warden

Enforcement
— Rick Groshong

Emission Inventory Section
— Carrie Schroeder

Rules & Planning Section
— Melanie Foster

Technical Resources & Projects Section
— Heather Lerch

Monitoring Section – West
— Vacant

Monitoring Section – East
Ryan Biggerstaff

Existing Source Permit Section
— Phillip Martin

New Source Permit Section
— Richard Kienlen

Enforcement Section
— Camas Frey

Compliance Section
— Preston Loving

Reg Office at Tulsa Air Program Section
— Drake Hanna

Quality Assurance
— Jeffrey Davidson

Engineering Section
— Eric Milligan

Surveillance Section
— Brad Flaming

Infrastructure Mgmt & Program Services
— Kerra Roudebush

ENVIRONMENTAL COMPLAINTS & LOCAL SERVICES DIVISION

Director, Mark Hildebrand
Assistant Director, Travis Mensik

Field Offices
— Bruce Vande Lune

Permitting & Programs Management
— Matt Pace

Complaints & Administrative Section
— Jennifer Handley

Onsite Sewage & TRLs Section
— Nicholas Huber

West Region Section
— Bill Kropf

Central Region Section
— Ryan McIntosh

Southeast Region Section
— Jeffery Brents

South Central Region Section
— Vance Pennington

Northeast Region Section
— Debbie Nichols

Storm Water & Minor Water Section
— Vacant

STATE ENVIRONMENTAL LAB SERVICES DIVISION

Director, Jeff Franklin
Assistant Director, Cody Danielson

Customer Assistance
— Erin Vorderlandwehr

Organics Analysis
— Jennifer Baughn-Fennell

Inorganic Analysis
— Susan Mensik

GC/MS Organics Section
— Milton Campbell

GC Organics Section
— Vacant

General Chemistry Section
— Amanda Williams

Elemental Analysis Section
— Greg Goode

Laboratory Customer Asst Section
— Jayme Jones

Laboratory Accreditation Program
— David Caldwell

Statewide Sample & Data Mgmt
— Vacant

Environmental Microbiology Section
— Candice Smith

WATER QUALITY DIVISION

Director, Shellie Chard
Assistant Director, Karen Steele
Engineering Manager, Gregory Carr

Next Gen Reporting & Operator Certification
— David Pruitt

Municipal Wastewater Group
— Patrick Rosch

Industrial Wastewater Group
— Brian Clagg

Public Water Supply
— George Russell

PWS Compliance Tracking
— Steven Thibodeau

DWSRF Section
— Eddie Rhandour

Industrial Discharge Permitting
— Carol Paden

Next Gen Reporting & QA/QC
— Vacant

Operator Certification
— Brandon Tyler

PWS Field Inspection/Engineering & Enforcement
— Mark Stasyszen

Municipal Inspection & Enforcement
— Myles Mungle

Municipal Discharge & Stormwater Permitting
— Michael Moe

Wastewater Compliance
— Tom Bailey

Construction Permitting/Engineering Report Review
— Rocky Chen

PWS Special Project Coordination
— Kay Coffey

Watershed Planning Section
— Joe Long

Capacity Development
— Candy Thompson

Industrial Inspection/Enforcement
— Wayne Craney

LAND PROTECTION DIVISION

Director, Kelly Dixon
Assistant Director, Clifton Hoyle
Engineering Manager, Hillary Young

Solid Waste & Sustainability Unit
— Patrick Riley

Site Restoration & Revitalization
— Dustin Davidson

Risk Management & Groundwater
— Amy Brittain

Hazardous Waste & Radiation Mgmt
— Michael Stickney

LPD Special Projects Coordinator
— David Cates

Solid Waste Compliance Section
— Amber Edwards

Radiation Management Section
— Mike Broderick

Superfund Program
— Kelsey Bufford

Hazardous Waste Compliance & Outreach
— Michael Edwards

Hazardous Waste Permitting & Corr Act
— Zach Paden

Solid Waste & UIC Permitting
— Vacant

Sustainable Materials Mgmt
— Elizabeth McCaskill

Site Cleanup Assistance & Tar Creek
— Brian Stanila

Brownfields Section
— Aron Samwel

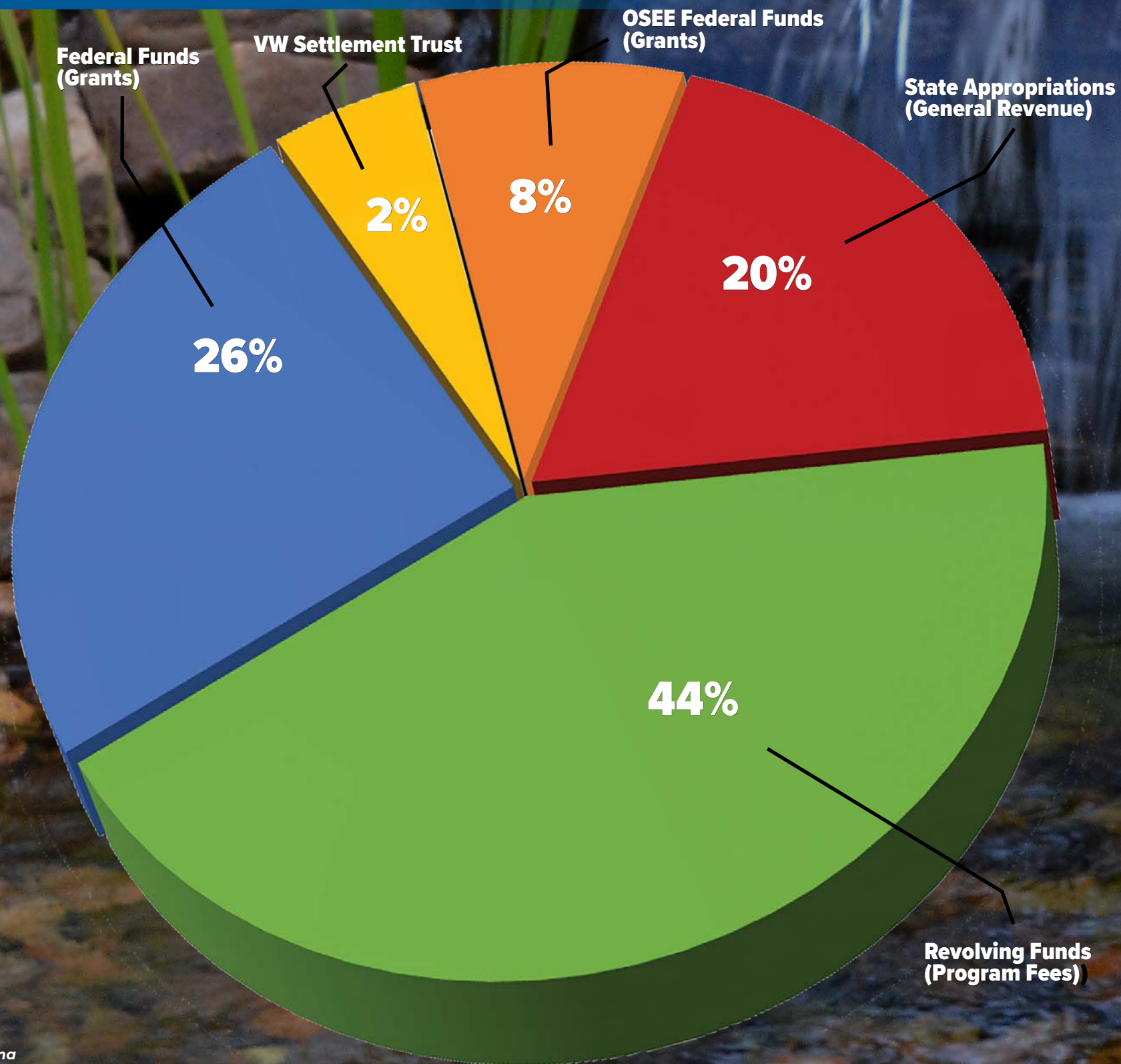
Used Tire Recycling Program
— Kole Kennedy

Quality Assurance
— Heather Mallory

Voluntary Cleanup & Chemical Reporting
— Jonathan Reid

Talimena Mountains, Oklahoma

Agency Budget



A scenic brook in Eastern Oklahoma

Environmental Quality Report

*For consideration and approval by
the Environmental Quality Board on November 9, 2021*

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 the EQB prior to its submittal to the Governor and legislative leaders.

I. ANNUAL BUDGET REQUEST¹

DEQ is slated to receive \$9,027,346 in state appropriated funding for current state fiscal year (FY) 2022. This represents an increase of over 25% from the FY 2021 appropriation of \$7,188,879.

DEQ, with the approval of the EQB, is requesting a general revenue appropriation of \$29,610,693 for FY 2023 which includes \$20 million to replace the DEQ parking garage. The specifics of this request are contained in Appendix A to this report.

DEQ’s total budget for FY 2023 – 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 FY 2022 stands at just over \$96,000,000, comprised of approximately 10% state general

revenue funding, 38% federal funding for DEQ, 8% federal funding for the Office of the Secretary of Energy and Environment and 45% 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)

AIR POLLUTION CONTROL

Ozone National Ambient Air Quality Standard

All of Oklahoma remains designated as attainment/unclassifiable for the 70 ppb 8-hour National Ambient Air Quality Standard (NAAQS) for ozone. Fortunately, the 2021 ozone season has been favorable, with relatively few exceedances.

¹Because 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 14, 2021, meeting.

²The 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.

Regional Haze

The goal of the 1999 EPA regional haze rule is to achieve natural visibility conditions at all designated Class 1 Areas by 2064. Oklahoma must have and periodically update a long-term strategy for reducing visibility impairment at its Class 1 Area, the Wichita Mountains Wilderness Area (WMWA). The next State Implementation Plan (SIP) submittal was due in July of 2021. This deadline was not met; however, EPA is aware of the delay. Currently, the proposed Regional Haze SIP has entered the consultation period with Federal Land Managers and Tribes.

Methane

EPA is expected to imminently release a proposed Methane rule package for the oil and gas industry. The rulemaking package may include additional and more restrictive leak detection and repair requirements for applicable oil and gas facilities. Further, EPA may remove exemptions, such as low-producing wells, contained in the existing federal regulation. The package is currently at the Office of Management and Budget. Once approved and published, the proposed rule will be subject to public comment. A final rule is not anticipated until well into 2022.

Wichita Mountains Wildlife Refuge, Oklahoma

Environmental Quality Report (continued)

Startup, Shutdown, Malfunction

On September 30, 2021, EPA issued a guidance memo regarding emissions related to startups, shutdowns and malfunctions (SSM). The purpose of EPA's 2021 guidance memo is to: (1) withdraw SSM guidance issued in 2020 by the Trump administration; and (2) reinstate EPA's 2015 SSM policy that SIP provisions containing exemptions or affirmative defenses are not consistent with the federal Clean Air Act and, therefore, not approvable as contained within a SIP submission.

WATER QUALITY DIVISION (WQD), along with STATE ENVIRONMENTAL LABORATORY SERVICES DIVISION (SELSD) and ENVIRONMENTAL COMPLAINTS and LOCAL SERVICES DIVISION (ECLS)

WATER REUSE –

Water Reuse Action Plan (WRAP)

EPA began working on the WRAP, a non-regulatory initiative to advance water reuse across the country, in late 2018. EPA finalized the WRAP in February 2020. There has already been a significant amount of staff time spent working on this federal initiative, and it is expected that the workload will continue to increase. Oklahoma's efforts on aquifer storage and recovery (ASR), non-potable reuse and indirect potable reuse rule development have been recognized. This work is expected to continue to grow over the next few years.

DRINKING WATER –

Revised Lead and Copper Rule

EPA has announced the final Revised Lead and Copper Rule will be published in December 2021. It is expected to modify the existing Lead and Copper Rule with respect to sampling, corrosion control, lead service line inventory, lead line replacement, mandatory testing in schools, etc. Public water supply (PWS) systems will be significantly impacted, and DEQ's workload with respect to lead will increase, which will affect WQD, ECLS and SELS. A study by Cadmus, a national drinking water consulting firm, estimated that a medium-sized state primacy agency (Oklahoma's category) should anticipate adding 12-13 staff to fully implement the rule. The new categories of data collection that are required are expected to be a large expense although until the rule is public the actual impact is unknown.

America's Water Infrastructure Act of 2018 (AWIA)

The AWIA adds provisions regarding drinking water programs. Some elements are mandatory; one is optional. The optional program is of particular interest to the Governor and his administration. WQD, SELS and ECLS will be expending significant resources on these new provisions. Among the most notable ongoing provisions are:

• ***Lead Testing in Schools and Daycares.*** While not mandated by AWIA, DEQ is participating in a statewide effort with other agencies and the Office of the Secretary of Energy and Environment to address a critical gap that currently exists in efforts to protect public health: the testing of individual taps and water fountains in schools and childcare centers. The pilot program, which was designed to follow the EPA 3 T's guidance, has been completed with the initial sampling. The program continues to gain momentum throughout the state and participation is on the rise. DEQ will need additional, continued funding to meet obligations of sampling, testing, analysis, site mapping and technical assistance. Additionally, staff will be working with partners like the state Department of Education to identify funding sources for remediation when plumbing issues are identified. Additional schools and daycares have been added to the waiting list. This is expected to move from voluntary to mandatory under the new Lead and Copper Revised Rule mentioned above.

• ***Risk Assessment and Emergency Response.*** Community PWS systems that serve more than 3,300 people are required to complete a risk and resilience assessment and develop an emergency response plan. The risk and resilience assessments were due March of 2020 or June of 2021, depending on system size. DEQ provided technical assistance to the PWS systems and reporting to EPA.

Washita Battlefield National Historic Site, Oklahoma

Environmental Quality Report (continued)

This is a significant effort for DEQ staff and partners like the Oklahoma Rural Water Association.

EPA is considering expanding this requirement to include all community water systems, regardless of size, and to specifically include cybersecurity. EPA is currently proposing that state inspectors review cybersecurity plans are part of Sanitary Surveys which will greatly increase the workload for DEQ inspectors.

Drinking Water National Compliance Initiative

EPA has announced the continuation and update of a previous National Compliance Initiative (NCI) that requires a 25% decrease in non-compliance of National Primary Drinking Water Standards that impact public health. This will be particularly challenging as new rules take effect. It is expected that there will be significant staff time spent providing sampling assistance and technical assistance to drinking water systems.

Consumer Confidence Report Rule

The Consumer Confidence Report (CCR) Rule requires all community water systems to provide an annual report to customers regarding water quality. The Water Infrastructure Improvements for the Nation (WIIN) Act increased the requirement from one per year to one every six months. EPA is working to update the rule. In addition to increasing the frequency, EPA is holding public meetings to gain

input into other potential changes. Currently, potential changes include: Translation to languages that 1%, 5%, or 10% speak as a primary language, requiring posting of information for renters, tenants, etc. (not just customers); and providing reports to interested community organizations. EPA indicated that the rule would be proposed early in calendar 2022. The increase in frequency is self-implementing. There will be increased workload for DEQ staff that prepare CCRs for most PWS systems in Oklahoma and the water systems that will be required to duplicate work.

Microbial and Disinfection By-Products (MDBP) Rules

EPA has announced a review of rules related to disinfection and the byproducts formed during the drinking water treatment process. The following rules are subject to the review:

- ***Surface Water Treatment Rule***
- ***Interim Enhanced Surface Water Treatment Rule***
- ***Long-Term 1 Enhanced Surface Water Treatment Rule***
- ***Stage 1 and Stage 2 Disinfectant and Disinfection Byproducts Rules***

DEQ staff continue to work on this issue. There will be significant time spent by senior managers in the WQD working with EPA on the policy aspect of this rule review. Staff and managers that are technical experts will be spending substantial time

gaining an understanding of the EPA proposals and how they will impact PWS systems in Oklahoma. Once final regulatory decisions are made, DEQ staff (WQD, ECLS and SELSD) will be working together to provide technical assistance to the regulated community.

Small System Assistance Program

In coordination with WQD, SELS continues to expand the scope of its EPA-funded Small System Assistance (SSA) program. The goal of the program, which began as a pilot in June 2020, is to protect public health through improved drinking water compliance rates. This goal is achieved through a variety of onsite and remote customized technical assistance events that focus on compliance sample schedules, collections, submittal and results interpretation.

Through federal funding, SELS has been able to acquire a mobile laboratory that will be used to support mission critical functions of the SSA and to bolster DEQ emergency response capabilities.

WASTEWATER –

Harmful Algal Blooms (HABs)

The EPA Office of Inspector General (OIG) has released a report titled, “EPA Needs an Agency-wide Strategic Action Plan to Address Harmful Algal Blooms (HABs).” The OIG report says that by creating a strategy, EPA can reduce HABs and their impacts on human health and

Lake Lawtonka near Mount Scott, Oklahoma

Environmental Quality Report (continued)

the environment (and drinking water sources) using the authorities and tools provided by the Clean Water and Safe Drinking Water Acts, and enable improved collaboration with EPA offices and regions, and federal, state and external partners.

The OIG recommends that EPA's strategic action plan should describe how the Agency will maintain and enhance a national program to forecast, monitor and respond to freshwater HABs. The OIG also found that EPA has not fulfilled its 2015 commitment to Congress to develop additional drinking water health advisories for cyanotoxins and needs to take further action to develop revised nitrogen and phosphorus numeric water quality criteria recommendation.

EPA Existing Effluent Limitation Guideline (ELG) Review

EPA has chosen four ELGs for review and updating (Per- and Polyfluoroalkyl Substances PFAS) Manufacturers; Electrical and Electrical components; Central Waste Treatment facilities; and Power Plant Ash Transport Water). Any changes will result in additional workload for WQD staff and more restrictive permit limits for the regulated community.

MISCELLANEOUS –

Per- and Polyfluoroalkyl Substances (PFAS)

There is mounting pressure on EPA to establish drinking water Maximum

Contaminant Levels (MCLs), wastewater discharge and biosolids standards, groundwater cleanup levels, etc., for PFAS compounds. On October 18, 2021, EPA released its PFAS Strategic Roadmap, which lays out the EPA's agency-wide approach to addressing PFAS contamination and includes timelines by which EPA plans to take specific actions. Action on any of these chemicals will likely result in the need for DEQ to undertake rulemaking, increase staffing, implement training for the regulated community and DEQ staff and procure additional laboratory equipment. DEQ staff are already fielding numerous questions from facilities and the general public and are participating in national and state workgroups on the subject. With the approval of analytical methods for some PFAS compounds, EPA has begun to require monitoring for PFAS in stormwater general permits and in National Pollutant Discharge Elimination System (NPDES) individual discharge permits where EPA is the permit authority and EPA could require PFAS monitoring in state-issued permits. Additionally, EPA is undergoing rulemaking actions to establish Effluent Limitation Guidelines (ELGs) for certain industrial dischargers. The ELGs will create additional work for DEQ staff to implement in permits.

EPA has published the Unregulated Contaminant Monitoring Rule (UCMR) 5 which requires sampling by all community water systems for 29 PFAS compounds beginning in January of 2023, through 2025. SELS continues

to spend significant time and resources to develop the analytical capability to test for PFAS in drinking water. DEQ staff will provide technical and sampling assistance to water systems during this period. UCMR data typically informs EPA setting new limits for drinking water. This capacity advancement would also enable SELS to be prepared to support the systems of the state in response to any future SDWA or CWA rule promulgation related to PFAS.

Executive Order: “Protecting Public Health and the Environment and Restoring Science to Tackle the Climate Crisis.”

Under this Executive Order, there are seven water-related rules under review (Lead and Copper Revised Rule (SDWA); Consumer Confidence Rule Revision (SDWA); Microbial/Disinfection By-Products (SDWA); PFAS MGL development for drinking water (CWA); Waters of the U.S. (WOTUS) (CWA); Virus monitoring (CWA); and Off-shore drilling (CWA). Each of them on their own is likely to result in increased workload for DEQ staff and the regulated community.

Justice 40

This is a new initiative across all federal agencies that have loan or grant programs. The primary requirement is that 40% of all benefits from a funding program must be received by a small, rural, disadvantaged, or Environmental Justice community. Two of the first three pilot programs are the Clean Water and Safe Drinking Water State Revolving Fund, and the third is the USDA

Mountain Fork River
Beavers Bend State Park, Oklahoma

Environmental Quality Report (continued)

Rural Development program. WQD is involved in all three of these programs either directly or indirectly.

III. LEGISLATIVE RECOMMENDATIONS

The following are proposed as possible DEQ request bills for the 2022 Oklahoma regular legislative session:

PFAS WASTE DISPOSAL

DEQ plans to request a bill that would be designed to minimize the risk that any disposal of PFAS waste in the state would result in contamination of environmental media. DEQ is concerned that to date there has been little or no vetting of the adequacy of disposal options with respect to PFAS chemicals, which are highly persistent. DEQ would like to see legislation that, at a minimum, either itself requires or authorizes rulemaking to require that disposal facilities (e.g., landfills and incinerators) certify and demonstrate that their methods of disposal or treatment of PFAS wastes are safe and effective with respect to those wastes.

PERMITTING OF PHASED-IN COMPLIANCE WITH WATER QUALITY STANDARDS

DEQ plans to request a bill that would authorize the issuance of permits containing phased-in compliance with water quality standards established by the Oklahoma Water Resources Board (OWRB). In certain instances, it may be beneficial to the quality of a receiving waterbody to issue a modified discharge permit to a facility that will not immediately meet updated water quality standards but will nonetheless result in an improvement to water quality in the meantime while the permittee is working toward meeting water quality standards.



2022 Tire Report

The Administration and Effectiveness of the Oklahoma Used Tire Program for FY20, 21 and 22 Report and Supplement are available online.

Tire Report - <https://tinyurl.com/3vwen748>

Tire Supplement - <https://tinyurl.com/2enht59j>



Mountain Fork River, Beavers Bend State Park, Oklahoma

Appendix A

Oklahoma Department of Environmental Quality

Operations Funding Changes

For the Fiscal Year Ending 06/30/2023

On-Going Requests	FY 2022 Appropriation	FY 2023 Requested Increase	FY 2023 Total Appropriation Request
State Environmental Laboratory Services	\$3,054,048	\$288,050	\$3,342,098
Environmental Complaints and Local Services	3,292,016	295,297	3,587,313
Water Quality Division	2,681,282	0	2,681,282
Subtotal On-Going Requests	\$9,027,346	\$583,347	\$9,610,693
One-Time Requests			
DEQ – Parking Garage	0	20,000,000	20,000,000
Total Requests	\$9,027,346	\$20,583,347	\$29,610,693

ECLS – Additional Staffing

This request will allow ECLS to fund three Field Environmental Specialist positions that have been eliminated since FY2017. Due to the loss of positions, ECLS has reduced the number of ECLS local offices and was forced to reduce the number of facility inspections from quarterly to annual. These inspections include Public Water Supplies, Wastewater Treatment Plants and Solid Waste Facilities. ECLS has also reduced oversight of the Onsite Septic System Program. Even with the aforementioned reductions in workload, the staffing model indicates that ECLS is still down by three full-time employees. Funding these positions would allow ECLS to improve customer service and technical assistance, including response to citizens, communities,

industry and emergencies. It would also enhance support for the Water Quality Division with technical assistance and long-range sustainability planning with the Oklahoma Strategic Water Alliance.

Cost \$295,297

SELS – Additional Full Time Employee (FTE) within the Heavy Metals Unit of SELS

This request allows the State Environmental Laboratory Services Division (SELS) to fund one (1) FTE in the Heavy Metals Section of the laboratory. This position is needed to support the Safe Drinking Water Act's (SDWA) Lead Testing in Schools and Childcare Drinking Water Program (Lead in Schools) and the Revised Lead

and Copper Rule (LCRR). These programs specifically protect small, underserved and disadvantaged communities and will result in a >3-4x increase in sample workload and in reporting turnaround times previously only seen in acute health risk testing. The Principal State Laboratory does not currently have the analytical staff needed to meet these increased demands.

Cost \$96,017

SELS – Additional FTE within the Field Laboratory Customer Assistance Section of SELS

This request allows the State Environmental Laboratory Services Division (SELS) to fund one (1) FTE in the Field Laboratory Customer Assistance Section. This position is needed for continuity of services and expansion of the Small System Assistance (SSA) Drinking Water program. The SSA program has proven valuable in assisting small Public Water Supply Systems (systems with a population <10,000) who are in persistent noncompliance with SDWA regulations, often due to a lack of funding, expertise and knowledge. The program uses a focused, hands-on approach to train and build competency in sampling and rule requirements. In the last year, the program resulted in 294 analytical tests and 212

Above Turner Falls near Davis, Oklahoma

Appendix A (continued)

technical assistance events. Due to having only one FTE available to support the program, the SSA program is limited to 11 counties in the State. An additional FTE along with the recently purchased mobile lab will allow the program to expand statewide, resulting in enhanced targeted outreach and even higher compliance rates and further protection of public health. This FTE would also allow SELS and DEQ to expand the scope and effectiveness of its emergency response activities.

Cost \$96,017

SELS – Additional FTE within the Statewide Sample and Data Management Section (SSDM) of SELS

This request would support the enhancement of the SELS data management program, which serves a vital role in the accuracy and effectiveness of the work product and operations of SELS, which houses the Principal State Laboratory (PSL) for the State of Oklahoma. The data management program directly affects workflows and data associated with all

functions of SELS operations. Enhancement of this program will result in an improved Quality Management System, more timely service to customers, more robust inventory management, and the ability to incorporate new and emerging contaminants and technologies into SELS. Enhancement will also allow for development of a new laboratory accreditation database to be used by the SELS Laboratory Accreditation Program (LAP), which will replace a legacy database that cannot meet the current workload and is no longer supported. This program directly influences PSL activities that are part of the requirements for state Primacy, including management of compliance schedules and data exports for 1,700 Public Water Supply Systems (PWSs) as required under the SDWA and the certification records of 180 labs who participate in the LAP. In addition, the program manages custom deliverables, LIMs administration, process automation, IT device management, infrastructure support and financial and performance data management.

Cost \$96,017

DEQ – Parking Garage

DEQ is responsible for the maintenance of agency owned facilities, which includes a parking garage and surface lot for customer and employee parking. Due to legislative sweeps totaling \$33 million, we no longer have the funds to complete the replacement of the rapidly deteriorating parking garage. The garage has reached a critical point where we have had to close the top floor due to a punch-through. Additionally, the parking garage has a total of 324 spaces; we have had to close 123 or 38% of the parking spaces throughout the garage due to concerns of falling concrete and potentially additional punch-through holes. This request is urgent and cannot be further delayed. The agency has had to locate additional parking to relocate displaced employees. The area has very few options for parking and DEQ is unable to locate enough parking to accommodate our entire staff.

Cost \$20,000,000

A wheat field in Western Oklahoma

Appendix B

FY2022 Budget

EXPENSES	Budget	Budget Revisions	Total Revised Budget
Salaries and other Compensation Expenses	47,138,383		47,138,383
Professional Services	23,070,057	250,362	23,320,419
Travel Expenses	766,977		766,977
Administrative Expenses	7,232,436		7,232,436
Lab Equipment, Furniture and Building Construction and Air Monitoring Sites	2,009,305	33,130	2,042,435
Local Governments and Non-Profit Projects and Programs	16,070,532		16,070,532
TOTAL EXPENSES	96,287,690	283,492	96,571,182

FUNDING SOURCES	Budget	Budget Revisions	Total Revised Budget
19111 FY2021 Appropriations Carryover		250,362	250,362
19012 FY2020 Appropriation Carryover		33,130	33,130
19201 General Appropriations	9,027,346		9,027,346
20000 Revolving Fund	42,407,333		42,407,333
21000 Environmental Education Fund	15,000		15,000
22000 Hazardous Waste Penalty Fund	69,650		69,650
22500 Certificate Fund	862,756		862,756
40000 Federal Funds	31,886,901		31,886,901
40300 Brownfields Revolving Loan Fund	215,000		215,000
40500 Environmental Settlement Fund (Federal)	4,300,419		4,300,419
41000 Water Management Federal Fund	7,503,285		7,503,285
TOTAL FUNDING SOURCES	96,287,690	283,492	96,571,182

FY2021 Budget

EXPENSES	Budget
Salaries and other Compensation Expenses	47,996,218
Professional Services	17,749,850
Travel Expenses	955,239
Administrative Expenses	7,567,255
Lab Equipment, Furniture and Building Construction and Air Monitoring Sites	3,421,185
Local Governments and Non-Profit Projects and Programs	19,646,251
TOTAL EXPENSES	97,335,998

FUNDING SOURCES	Budget
19011 Lab Equipment Appropriation	285,526
19101 Rural Water Sustainable Infrastructure/ TA Support	478,668
19101 General Appropriations	6,710,211
20000 Revolving Fund	44,465,570
21000 Environmental Education Fund	19,000
22000 Hazardous Waste Penalty Fund	100,000
22500 Certificate Fund	910,000
40000 Federal Funds	30,445,625
40300 Brownfields Revolving Loan Fund	300,000
40500 Environmental Settlement Fund (Federal)	5,718,113
41000 Water Management Federal Fund	7,903,285
TOTAL FUNDING SOURCES	97,335,998

Oklahoma farmland

Air Quality Division					
Ambient Monitoring	QTR 1	QTR 2	QTR 3	QTR 4	TOTAL
Continuous Monitoring Systems	47	47	47	47	47
Non-continuous Stations	12	12	12	12	12
Toxics Stations	8	6	6	6	8
Number of Air Samples Collected (continuously/hourly)					
Ozone	25,816	19,236	11,639	25,542	82,233
Sulfur Oxides	11,311	10,928	10,693	11,036	43,968
Total Oxides of Nitrogen	6,510	6,230	6,377	6,150	25,267
Nitrogen Dioxide-NO2	6,510	6,230	6,377	6,150	25,267
Nitrogen Oxides-NO	6,510	6,230	6,377	6,150	25,267
Carbon Monoxide	6,501	5,044	5,215	5,550	22,310
PM-10	4,407	4,397	4,300	4,339	17,443
PM-2.5	19,236	10,833	10,292	10,692	51,053
Special Purpose					
Ozone	6,437	4,876	2,963	8,561	22,837
NOy	2,146	1,884	1,819	1,290	7,139
PM-10	14,462	14,852	16,304	18,493	64,111
PM-2.5	2,185	10,565	12,136	12,317	37,203
Black Carbon	2,200	2,168	2,148	2,157	8,673
H2S	2,977	2,194	2,127	2,562	9,860
Special Purpose Totals	30,407	36,539	37,497	45,380	149,823
Number of Air Samples Collected (non-continuous/daily)					
PM-10	58	49	53	56	216
PM-2.5	230	218	205	210	863
PM-Coarse	49	45	49	48	191
Toxics	214	200	194	178	786
Lead	26	26	26	25	103
Compliance					
Number of days when ozone was within the 8-hour NAAQS	85	91	90	91	357
Number of total monitors demonstrating compliance (out of 47 total)	47	47	47	47	47
Excess Emissions Monitoring					
Excess Emissions Reports	191	215	231	275	912
Emissions Inventory					
Billings					
Companies with Major Facilities	111	0	0	0	111

Emissions Inventory (continued)					
Billings (continued)	QTR 1	QTR 2	QTR 3	QTR 4	TOTAL
Companies with Major and Minor Facilities	62	0	0	0	62
Companies with Minor Facilities	473	0	0	0	473
Inventories Received					
Companies	20	9	554	206	789
Facilities	35	16	2,782	2,240	5,073
Air Enforcement					
Notices of Violation	1	1	3	0	5
Formal Actions	2	2	3	1	8
Level III Violation Letters	3	2	6	2	13
Alternate Enforcement Letters	18	38	42	46	144
Self Disclosures Received	34	19	22	28	103
Asbestos Actions	3	0	0	4	7
Fines Paid (in thousands of dollars)	63.475	61.140	37.275	35.313	197.203
SEP Dollars (in thousands)	0.00	109.92	0.00	0	109.92
Total Number of SEPs	0	1	0	0	1
Reductions in Tons of Emissions from Enforcement Actions	925.33	0	0	0	925.33
Complaints Resolved within 90 Days	11	20	16	3	50
Complaints Unresolved, but still within 90 day deadline	14	10	9	4	37
Total Complaints	25	30	25	7	87
Total Facilities in significant Non-compliance* (This category is not cumulative)	23	24	17	17	Not Cumulative
New Facilities in significant Non-compliance	4	0	1	2	7
Air Inspections					
Monitoring Inspections (from ECLS)	0	0	0	0	0
On-Site Compliance Evaluations	55	70	85	153	363
Off-Site Compliance Evaluations	839	651	961	732	3,183
Asbestos Inspections	211	204	157	185	757
Stack Tests Observed	0	0	2	10	12
Stack Tests Reviewed	554	372	363	386	1,675
Lead Based Paint					
Lead Based Paint Certifications					
Inspector	1	0	0	5	6
Risk Assessor	6	7	0	34	47

Air Quality Division (continued)

An Oklahoma prairie

Lead Based Paint (continued)					
Lead Based Paint Certifications (continued)	QTR 1	QTR 2	QTR 3	QTR 4	TOTAL
Abatement Worker	0	0	0	1	1
Supervisor	1	2	0	8	11
Project Designer	0	0	0	0	0
Firm	2	3	0	15	20

Lead Based Paint Compliance Inspections	3	13	8	18	42
Lead Based Paint Enforcement Actions	1	0	0	1	2
LBP Enforcement Actions resulting in LBP contractor returning to substantial compliance with program requirements	0	1	0	1	2

Lead Based Paint Outreach					
Events	0	0	0	0	0
Participants	0	0	0	0	0

Air Quality Permitting					
Construction Applications/Permits Issued					
Minor Received	56	64	52	75	247
Minor Issued	46	52	52	79	229
Major Received	4	5	5	5	19
Major Issued	4	2	4	5	15
PSD Received	1	1	1	3	6
PSD Issued	0	0	1	0	1

Operating Applications/Permits Issued					
Minor Received	239	197	179	225	840
Minor Issued	212	173	235	255	875
Major Received	20	27	21	22	90
Major Issued	13	10	19	24	66
PSD Received	0	0	0	0	0
PSD Issued	0	0	0	0	0
Title V Initials and Modifications Received	3	3	3	4	13
Title V Initials and Modifications Issued	0	1	0	1	2
Title V Renewals and Modifications Received	17	24	18	18	77
Title V Renewals and Modifications Issued	13	9	19	23	64
Acid Rain Received	0	0	0	0	0
Acid Rain Issued	3	2	0	1	6
Relocation Received	6	1	2	4	13
Relocation Issued	4	3	0	4	11
Applications Withdrawn	8	6	10	7	31

Air Quality Permitting (continued)					
Operating Applications/Permits Issued (continued)	QTR 1	QTR 2	QTR 3	QTR 4	TOTAL
Title V Initial and Renewal Modifications Issued - Total	6	6	7	12	31
Title V Initial and Renewal Modifications Issued - Significant	0	0	0	0	0
Applicability Determination Received	4	4	6	6	20
Applicability Determination Issued	1	2	4	7	14
Permits Denied	0	0	0	0	0
Total Applications Received	330	299	266	340	1,235
Total Permits Issued	283	244	315	374	1,216
Minor Permits Issued > 90 Day Goal	25	32	77	79	213
Tests Observed	0	2	0	1	3
Performance Inspections	0	0	0	0	0
Permit Protest Hearings	0	1	0	0	1
Number of PSD Modeling Analysis Conducted	1	3	1	1	6
Number of Title V Air Permits Passing Federal Review	7	6	19	22	54

Public Information and Education					
Ozone Watches and Alerts					
Oklahoma City	0	0	1	0	1
Tulsa	0	0	0	2	2
Lawton	0	0	0	0	0
Rural Oklahoma	0	0	0	0	0
AQ Health Advisories	20	3	6	8	37

Environmental Education					
Events					
Conference Presentations	0	0	1	1	2
Conference Displays	0	0	0	0	0
Community Wide Events	0	3	0	1	4
Education Presentations					
K-12	0	0	0	0	0
University	0	0	1	0	1
Community/Adult	6	0	1	0	7
Contacts	311	156	551	80	1,098

Quality Assurance					
Audits					
Continuous	37	33	27	50	147
Non-Continuous	14	16	14	15	59
Interlab	3	3	3	6	15
Data Validation	316	309	303	318	1,246
Standards Certified	150	131	139	144	564
Filter Checks	67	33	85	53	238
Precision Tests	384	380	293	409	1,466

Environmental Complaints and Local Services Division

Wichita Mountains Wildlife Refuge, Oklahoma

Environmental Complaints and Local Services

Complaint Statistics	QTR 1	QTR 2	QTR 3	QTR 4	TOTAL
Total Spills/Complaints Received	1,156	842	973	1,392	4,363
Spills/Complaints Referred to Other Agencies	75	67	81	78	301
Total DEQ Spills/Complaints Received	1,081	775	892	1,314	4,062
Spills Received	62	60	58	89	269
Complaints Received	1,019	715	834	1,225	3,793
Publicly-Owned Wastewater Facility and Lines	45	34	38	60	177
Private Wastewater Service Lines	32	26	27	53	138
Public Water Supply	72	42	32	81	227
Fish Kills	25	2	5	20	52
Harmful Algal Bloom/Blue Green Algae	3	0	0	3	6
Unpermitted Discharge	40	10	17	25	92
Industrial Stormwater	2	4	0	0	6
Industrial Wastewater Treatment	6	0	0	3	9
Medical Marijuana - IWW	16	11	9	14	50
Fugitive Dust	53	83	68	108	312
Air Facilities Emissions	18	17	7	8	50
Odors	30	28	32	59	149
NESHAP Violations	5	6	17	5	33
Lead Based Paint	1	0	3	0	4
Solid Waste Car Wash Sludge	1	1	0	0	2
Solid Waste Transfer Station	0	0	0	0	0
Solid Waste Landfill Operation	3	3	3	5	14
Tires	18	3	11	6	38
Hazardous Waste Facility Operation	0	0	0	0	0
Hazardous Waste Improper Disposal	1	1	0	0	2
Radiation	0	1	0	0	1
Underground Injection Control	0	0	0	0	0
Total Retention Lagoon - lagoon, collection and land application	7	4	4	7	22
On-site Sewage	184	122	159	211	676
Improperly installed on-site sewage system (certified installation)	4	2	2	5	13
Improperly installed on-site sewage system (non-certified installation)	23	19	23	24	89
Aerobic system maintenance (system installed 2 years or less)	1	2	4	5	12
Malfunctioning aerobic system	37	15	17	32	101
Private Water Supply	11	4	2	9	26
Open Burning	94	91	96	103	384
Unpermitted Disposal of Solid Waste	197	135	201	250	783
Septage Pumps and Haulers	6	0	3	0	9
Construction Stormwater-permit or discharge	83	47	53	128	311
Minor Water Supplies	1	0	1	1	3
Self-reported Spill/Release - Highway Remediation	0	0	0	0	0

Complaint Statistics (continued)

Disaster Response	QTR 1	QTR 2	QTR 3	QTR 4	TOTAL
Debris Disposal Sites Registered	12	2	11	4	29
FOIA Searches	336	317	311	330	1,294

Inspections

Air Quality – Air Inspections					
Monitoring Inspections	0	0	0	0	0

Waste Management – Solid Waste Inspections

Monitoring Inspections	24	12	7	8	51
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Water Quality

Public Water Supply

Monitoring Inspections	209	300	294	433	1,236
Minor Water Systems	44	114	136	138	432

Municipal Wastewater

Monitoring Inspections	65	67	72	104	308
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Total Retention Lagoons

Monitoring Inspections	114	96	91	103	404
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Industrial Wastewater

Monitoring Inspections	58	52	77	125	312
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Stormwater

NOT Inspections	272	215	200	221	908
Active Permit Inspections	55	46	28	94	223
No Exposure Inspections	16	19	9	9	53

Septage Pumps

Inspections	12	24	190	17	243
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Total number of Inspections

	4,170
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Enforcement Administration

Enforcement Actions – Unpermitted Activities

Notices of Violation

Open Burning	1	1	2	2	6
Open Dumping	4	3	5	2	14
Fugitive Dust	1	1	0	1	3
Surfacing Sewage	9	6	4	1	20
Minor Water System	0	0	1	0	1
Certified Installers	1	5	1	2	9
Non-Certified Installers	10	7	3	3	23
Septage Pumps/Haulers	0	1	0	0	1
Total Retention Lagoons	1	2	1	1	5
Highway Spill Remediation	1	0	3	0	4
Certified Soil Profilers	0	0	0	0	0
Stormwater - Construction	9	4	1	4	18

Total	104
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Environmental Complaints and Local Services Division (continued)

Sunset on a prairie, Oklahoma

Enforcement Administration (continued)					
Formal Actions	QTR 1	QTR 2	QTR 3	QTR 4	TOTAL
Open Burning	0	4	11	0	15
Open Dumping	13	4	5	13	35
Fugitive Dust	0	0	0	0	0
Surfacing Sewage	18	15	16	25	74
Certified Installers	0	0	2	0	2
Non-Certified Installers	5	9	6	4	24
Septage Pumps/Haulers	0	1	0	1	2
Total Retention Lagoons	3	6	0	6	15
Highway Spill Remediation	1	1	0	0	2
Minor Water System	2	1	1	0	4
Certified Soil Profilers	0	0	0	0	0
Stormwater - Construction	1	0	1	0	2
Total					175

Fines Paid					
Open Burning	\$0	\$0	\$2,000	\$0	\$2,000
Open Dumping	\$0	\$0	\$0	\$167	\$167
Fugitive Dust	\$0	\$0	\$0	\$0	\$0
Surfacing Sewage	\$3,000	\$3,375	\$10,000	\$0	\$16,375
Certified Installers	\$750	\$0	\$2,000	\$0	\$2,750
Non-Certified Installers	\$400	\$2,350	\$1,000	\$200	\$3,950
Septage Pumps/Haulers	\$3,600	\$3,600	\$0	\$0	\$7,200
Total Retention Lagoons	\$850	\$5,525	\$40,715	\$62,700	\$109,790
Certified Soil Profilers	\$0	\$0	\$0	\$0	\$0
Stormwater - Construction	\$0	\$0	\$500	\$1,500	\$2,000
Total					\$144,232

Permit Administration					
ECLS Requested Services					
Private Sewage					
Soil Tests	130	100	96	108	434
Existing System Inspections	14	12	7	14	47
Authorizations Issued	2,761	2,446	2,328	2,656	10,191
Alternative System Permits Issued	7	10	7	6	30
Septage Pumps and Haulers					
Septage Pumper Licenses Issued	15	6	79	3	103
Highway Remediation					
Highway Remediation Licenses issued	1	24	6	0	31

Water Quality					
Storm Water-Construction					
Authorizations Issued	274	226	273	178	951
Authorizations Terminated	359	275	155	229	1,018
Storm Water-Industrial					
Authorizations Issued	27	14	26	21	88
Authorizations Terminated	26	13	17	12	68

Permit Administration (continued)					
Water Quality (continued)	QTR 1	QTR 2	QTR 3	QTR 4	TOTAL
Minor Water					
Permits to Supply	4	1	0	3	8
Authorizations to Construct	6	1	6	3	16
Total Number of Permits/Licenses					12,985

Technical Assistance					
Air Quality	8	8	7	8	31
BGA	1	0	0	4	5
DWSRF	0	4	2	1	7
Fish Kills	2	1	0	0	3
Hazardous Waste	6	2	3	7	18
Industrial WW	5	11	10	8	34
Solid Waste	9	9	7	8	33
Minor Water	8	4	3	6	21
Onsite Sewage	123	120	130	158	531
Private Water	24	10	16	25	75
Promote Soil Profile	29	16	21	12	78
Public Water Supply	29	28	28	30	115
Septage Hauler and Transporter	3	1	2	4	10
Spill	1	1	0	0	2
Stormwater	8	8	9	11	36
Tires	0	0	0	0	0
Total Retention Lagoon	19	8	16	18	61
Water Pollution Control	16	6	4	4	30
TOTAL	291	237	258	304	1,090

Individual Water Well Evaluation					
Requested Services					
Private Water					
Water Well Inspections	1	3	0	2	6

Operator Certification					
On-site System Installer Certification					
Renewal Training Attendees	5	30	90	3	128

New Certification Examinations					
Sub-surface Examinations	4	8	8	11	31
Lagoon Examinations	0	0	0	2	2
Aerobic Spray Examinations	15	4	19	16	54
Aerobic Drip Examinations	0	0	2	0	2
Low Pressure Dosing Examinations	0	0	0	0	0

Soil Profiler Certification					
Renewal Training Attendees	0	65	1	0	66
New Certifications	1	1	0	0	2

Land Protection Division

Wichita Mountains Wildlife Refuge, Oklahoma

Land Protection Division

Council/Rulemaking Meetings

Council Meetings	QTR 1	QTR 2	QTR 3	QTR 4	TOTAL
HWMAC Meetings/Rulemaking Hearings	1	1	1	0	3
RMAC Meetings/Rulemaking Hearings	1	0	0	0	1
SWMAC Meetings/Rulemaking Hearings	2	0	1	0	3
Total					7

Permit Administration

Public Meetings for Permitting	0	0	0	0	0
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Hazardous Waste

Permit applications/plans received	49	51	53	51	204
Permit applications/plans approved	50	52	50	50	202
Permit Protest Hearings	0	0	0	0	0
Permits approved within timelines	50	52	50	50	202
Percent of sites on the GPRA 2030 list at which site-wide corrective action construction is complete	74%	74%	74%	77%	Not Cumulative

Radiation

License applications/amendments received	79	77	97	78	331
License applications/amendments issued	103	66	106	93	368
Licenses issued within timelines	103	66	106	93	368

Solid Waste

Permit applications/plans received	126	146	246	197	715
Permit applications/plans approved	127	124	160	238	649
Permit Protest Hearings	0	0	0	0	0
Permits approved within timelines	127	124	160	238	649

UIC

Permit applications/plans received	13	8	9	14	44
Permit applications/plans approved	16	5	6	9	36
Permit Protest Hearings	0	0	0	0	0
Permits approved within timelines	16	5	6	9	36

Percent of Permits/Licenses Approved Within Timelines

100%

Citizen and Local Government Outreach

Citizen Outreach – Mercury and School Chemical Disposal

Households from which mercury was collected for recycling	9	11	9	12	41
Schools provided assistance with chemical disposal	4	4	3	4	15

Citizen Outreach – Radon

Radon test kits requested by homeowners and schools					248
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Citizen Outreach – Radiation Surveys

Radiation surveys performed	26	23	14	12	75
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Citizen Outreach – Industrial Radiography	QTR 1	QTR 2	QTR 3	QTR 4	TOTAL
Applications processed for Industrial Radiography exams	19	18	21	28	86
Industrial Radiography exams passed	15	5	4	25	49
Number of Industrial Radiography Certification Cards issued	15	3	12	40	70

Local Government Outreach

Local governments assisted with trash dump cleanup and improved recycling programs					95
Communities and non-profits assisted with Brownfield funding	54	54	54	25	187
Dollar amount of solid waste fees reinvested in local projects					\$1,608,027

Land Restoration

Brownfields

Phase I/II Targeted Site Assessments	2	0	0	2	4
Sites cleaned up using Brownfield Revolving Loan Funds	0	0	0	1	1
Brownfield Certificates issued	0	1	0	1	2

Superfund

Preliminary assessments and site inspections completed	2	1	2	1	6
Number of Superfund 5-Year Reviews completed	0	1	0	2	3
Active NPL sites					16
NPL sites in state-lead operations and maintenance					6
Removals conducted by DEQ					0
Removals conducted by EPA with DEQ assistance					2
DOD facilities going through the CERCLA process					30

Voluntary Clean-Up Program

Contaminated sites in the VCP	105	105	105	107	Not Cumulative
Contaminated sites cleaned up under the VCP	1	1	0	0	2

Governmental Entities

Governmental entities assisted with restoration of damaged lands	2	3	5	2	12
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Land Restoration (Continued)

Waste Tires

Community-wide collection events held	27	7	25	18	77
Tires diverted from illegal dumping through community-wide collection events	44,147	55,307	51,585	91,257	242,296
Illegal tire dumps remediated	21	12	2	14	49
Abandoned tires remediated from illegal dumps	2,396	39,644	6,044	2,176	50,260

Tar Creek

Tons of chat from the Tar Creek Superfund Site marketed	0	50,369.80	96,914.76	112,916.11	260,200.67
Tons of chat from the Tar Creek Superfund Site disposed	2,512	540	276	13,326.10	16,654.10

Land Protection Division (continued)

Cattle herd in Oklahoma hills

SCAP	QTR 1	QTR 2	QTR 3	QTR 4	TOTAL
Number of National Guard armories, orphan sites, and publicly owned properties remediated and available for reuse	0	2	0	2	4

All Programs					
Total acres of land cleaned up or restored to beneficial reuse					236.62

Complaints					
Complaints referred to LPD	19	7	7	5	38
LPD complaints resolved	18	4	4	11	37
LPD complaints resolved within 90 days or approved extension	18	4	4	11	37
Percent of Complaints Resolved Within 90 Days or Approved Extension					100%

Inspection Programs					
Hazardous Waste					
Inspections at Oklahoma hazardous waste generators, transporters and non-commercial disposal facilities	23	12	29	14	78
Hazardous waste inspections at Oklahoma military facilities	3	0	0	1	4
Inspections at Oklahoma commercial hazardous waste disposal facilities	2	0	0	1	3
Groundwater monitoring evaluations at hazardous waste disposal facilities (CME and OAM)	0	3	0	1	4

Radiation					
Inspections at Oklahoma licensees	24	26	28	39	117

Solid Waste					
Inspections at Oklahoma solid waste disposal facilities	47	38	25	32	142

Non-Hazardous Industrial Waste					
NHIW certifications reviewed	303	279	342	348	1,272

UIC					
Inspections at Oklahoma UIC wells	6	0	6	0	12

Used Tires					
Inspections at Oklahoma used tire processors	13	13	13	13	52
Inspections at tire dealers and motor license agents	28	20	13	22	83
Total number of inspections performed					495

Enforcement Administration					
Hazardous Waste					
Notices to Comply issued	2	1	5	5	13
Notices of Violation issued	0	0	0	0	0

Enforcement Administration (continued)					
Hazardous Waste (continued)					
Orders issued	0	0	0	0	0
Facilities in Significant Non-Compliance	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

Radiation					
Notices of Violation issued	1	3	5	1	10
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

Solid Waste					
Notices of Violation issued	1	2	1	2	6
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

UIC					
Notices of Violation issued	0	0	1	0	1
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	1	0	0	0	1
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

Total Enforcement Actions	31
Total Fines	\$0
Total SEPs	0
Total SEP \$	\$0

Sara Title III – Community Right to Know (EPCRA)					
Tier 2 Reports Filed	1,261	600	48,169	819	50,849
Toxic Release Reports Filed	362	0	0	0	362
Industry Request for Guidance	515	585	4,014	1,374	6,488
CAMEO/Submit Instruction/Presentations	1	3	11	1	16
LEPC Meetings Attended	1	3	5	4	13
EPA Inspections Attended	0	0	0	0	0

External Affairs Offices

Office of Business and Regulatory Affairs					
AskDEQ					
Toll-free Number Contacts	361	259	328	461	1,409
Emails Received	119	114	139	150	522
Email Surveys Sent	127	120	93	83	423
Survey Response Rate	20.47%	23.33%	17.20%	20.48%	21.99%
Clean Marina Program/Clean Vessel Act					
Presentations at Conferences and Other Events	1	1	1	4	7
CVA Grants Awarded	7	0	0	0	7
CVA Grant Dollars Awarded	\$92,590	0	0	\$150,464	\$243,054
Marina SAVs	2	0	0	4	6
Office of Communications and Education					
Graphics and Publications	QTR 1	QTR 2	QTR 3	QTR 4	TOTAL
Designs/Illustrations/Graphics Produced	259	245	239	281	1,024
Publications/Brochures/Fact Sheets Produced	91	224	178	140	633
Videos Produced	6	5	15	15	41
Oklahoma Green Schools					
Registered Schools	0	25	16	10	51
Students Impacted	0	4,194	1,055	1,744	6,993
Office of Continuous Improvement					
LEAN Initiatives					
Total Lean Training Events Held	3	1	11	5	20
Number of DEQ Staff Trained in Lean Practices	25	108	40	38	211
Number of Agency Processes Evaluated in Lean	0	0	0	0	0
Environmental Impact Reviews					
Environmental Impact Reviews	107	99	98	132	436

Sutton Wilderness Trail, Norman, Oklahoma

State Environmental Laboratory Services

Wichita Mountains Wildlife Refuge, Oklahoma

State Environmental Laboratory Services Division

Workload and Customer Support

Laboratory Tests Performed (by customer)

SDWA	18,100
OWRB	11,500
Private	9,100
Lab Priority	400
DEQ	3,700
Contractual	900
PDES	600
SELS	1,300
Total	45,600

Proficiency Testing

Double Blind Studies	34
Tests Performed	334
Analyte Determinations	1,764
Overall Success Rate	99.1%

Customer Support

Board and Council Meetings	5
Technical Assistance Events	15,000
Targeted Outreach Events	36
Lab Tours	4
Social Media Posts	224
New/Updated Online Services	0
Sample Kits Provided	15,000
Sample Collection Events	141
Fish Consumption Advisories Reviewed	244
Fish Consumption Advisories Issued	65
Fish Consumption Advisories Added	3
New Programs	1
New Rules	4

Staffing, Training and Competency

Full Time Employees	56
Turnover	12
New Hires	7

Staffing, Training and Competency (continued)

Current Vacancies	5
Average Experience of Staff (years)	10.1
Lean Training Events	2
Lean Projects	4
Ethics Training Events	62
Documented Staff Trainings	1088
Professional Meetings and Conferences	42
Demonstrations of Capabilities (DOC)	53

Laboratory Scope and Capacity

Testing Methods in Production	102
New Methods Developed	3
Technologies in Production	40
New Technologies Implemented	1
LIMS Enhancements	176
New Certifications/Accreditations	1
New/Replacement Instruments	3
New/Replacement Equipment	7
Overall Replacement Cost (all assets)	\$6,700,000
Overall Lab Capacity	36%

Quality System

Procedures Reviewed and Revised	60
External Audits	2
Internal Audits	6
Process Improvements Opened	29
Process Improvements Closed	16
Customer Feedback Received	11
Complaints Received	0
New Areas of Accreditation	1

Laboratory Accreditation Program

New Applications received	141
On-Site Assessments	22
Virtual Assessments	16
Certifications Issued	177
Number of Withdrawals/Revocations	10

Water Quality Division

Broken Bow Lake, Oklahoma

Water Quality Division					
TMDL Development					
TMDL	QTR 1	QTR 2	QTR 3	QTR 4	TOTAL
TMDLs Started	6	17	0	23	46
TMDLs Completed	0	18	0	11	29
208 Plan	0	1	2	2	5
Data Management					
Groundwater					
Sites With GPS Correction	2	0	0	0	2
Enforcement Administration					
Public Water Supply					
Boil Advisories	1	0	0	3	4
Notices of Violation	36	23	100	51	210
Consent/Final Orders	4	0	4	3	11
Fines Paid	\$500	\$0	\$6,625	\$1,000	\$8,125
Supplemental Environmental Projects	\$0	\$0	\$0	\$0	\$0
TOTAL number of SEPs	0	0	0	0	0
Municipal Wastewater					
Notices of Violation	32	14	35	25	106
Consent/Final Orders	7	6	14	8	35
Fines Paid	\$11,400	\$17,937	\$51,203.34	\$78,333.34	\$158,873.68
Supplemental Environmental Projects	\$0	\$135,325	\$0	\$10,000	\$145,325
TOTAL number of SEPs	0	1	0	1	2
Industrial Wastewater					
Notices of Violation	9	7	11	14	41
Consent/Final Orders	2	3	2	1	8
Fines Paid	\$625	\$6,187	\$1,250	\$625	\$8,687
Supplemental Environmental Projects	\$0	\$0	\$0	\$0	\$0
TOTAL number of SEPs	0	0	0	0	0
Storm Water					
Notices of Violation	2	0	2	41	45
Consent/Final Orders	0	0	0	5	5
Fines Paid	\$0	\$0	\$0	\$7,750	\$7,750
Supplemental Environmental Projects	\$0	\$0	\$0	\$0	\$0
TOTAL number of SEPs	0	0	0	0	0
Inspections					
Public Water Supply					
Monitoring Inspections (from ECLS)	209	300	294	433	1,236
Municipal Wastewater					
Monitoring Inspections (from ECLS)	65	67	72	104	308
Pretreatment Compliance	20	0	0	19	39
Pretreatment Audits	7	0	1	2	10
Compliance Evaluation Inspections	1	24	18	23	66
Compliance Sampling Inspections	0	0	1	0	1

Industrial Wastewater	QTR 1	QTR 2	QTR 3	QTR 4	TOTAL
Monitoring Inspections (from ECLS)	58	52	77	125	312
Compliance Evaluation Inspections	9	15	13	13	50
Compliance Sampling Inspections	0	0	0	1	1

Storm Water					
Compliance/TA Inspections	5	29	13	16	63
NOT Inspections (from ECLS)	272	215	200	221	908
Active Permit Inspections (from ECLS)	55	46	28	94	223
No Exposure Inspections (from ECLS)	16	19	9	9	53

Operator Certification – New Certified Examinations					
Water Operator	288	250	185	223	946
Wastewater Operator	223	208	179	177	787
Water Laboratory Operator	21	73	44	32	170
Wastewater Laboratory Operator	24	39	37	31	131

Permit Administration – Water Quality Permitting					
Construction Applications/Permits Issued					
Public Water Supply Received	151	114	146	128	539
Public Water Supply Issued	149	124	129	163	565
Water Well Received	3	3	3	3	12
Water Well Issued	9	3	2	0	14
Municipal Wastewater Received	94	60	95	51	300
Municipal Wastewater Issued	98	67	78	82	325

Municipal Wastewater Applications/Permits Issued					
Discharge Applications Received	10	8	19	18	55
Discharge Permits Issued	14	16	15	11	56

Industrial Wastewater Applications/Individual Permits Issued					
Applications Received	6	10	6	4	26
Permits Issued	2	7	5	4	18

Stormwater					
Construction Authorization Processed (from ECLS)	274	226	273	178	951
Multi-Sector Industrial Authorization Processed (from ECLS)	27	14	155	229	425

Other Industrial General Permits					
Applications Received	3	3	0	3	9
Authorization Issued	3	3	1	3	10

Other Municipal General Permits					
Applications Received	6	2	1	1	10
Authorization Issued	24	5	0	2	31

Sludge Management Applications/Plans Approved					
Applications Received	0	6	2	15	23
Plans Approved	0	5	3	6	14

Total Permits Issuance > Timelines	4	15	13	8	40
Total Permit Protest Hearings	0	0	0	0	0



Red Rock Canyon Adventure Park, Hinton, Oklahoma



Prairie in Wichita Mountains Wildlife Refuge, Oklahoma



OKLAHOMA
Environmental
Quality