



Disbursement of Federal Funds Pursuant to the Federal Water Pollution Control Act

2006 Update

(per Senate Bill 150, 1st Session of the 49th Legislature, 2003)



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Introduction

During the 1993 reorganization of Oklahoma's environmental agencies, the office of Secretary of the Environment was established by statute to serve, among other things, as the primary recipient of Federal Water Pollution Control Act ("Clean Water Act") grant funds in Oklahoma. The role of recipient of Clean Water Act funding provides the Secretary of the Environment with a unique opportunity to ensure that state agencies' water quality management activities are well-coordinated and of high quality.

Ten years after passage of the Environmental Quality Act of 1993, the Legislature sought minor changes to this oversight responsibility through passage of Senate Bill 150 (2003 Session). In addition to seeking increased coordination through consultation with the Secretary of Agriculture, the Legislature added the requirement of an annual report to heighten accountability and increase understanding of how Clean Water Act funds are disbursed throughout the state.

Funding is delivered to the Secretary of the Environment from the U.S. Environmental Protection Agency ("EPA") through five distinct grant programs that are defined by the section of the Clean Water Act in which each is established: Section 104(b)(3), Section 104(b)(3) Wetlands, Section 106, Section 319, and Section 604(b). Each grant program has its own priorities, guidance, and funding cycles. This report summarizes the Clean Water Act grant program funding received by the Secretary of the Environment during the 2006 Federal fiscal year of October 1, 2005 – September 30, 2006 (see Table 1 for overview) as well as the expenditures for the same period (see Table 2 for overview).

Table 1. Clean Water Act Funding Awarded to Subrecipients
(Federal Dollars for Federal Fiscal Year 2006).

	Association of Central Oklahoma Governments	Indian Nations Council of Governments	Oklahoma Conservation Commission	Oklahoma Department of Agriculture, Food and Forestry	Oklahoma Department of Environmental Quality	Oklahoma Water Resources Board	Office of the Secretary of the Environment
FY 06 104(b)(3) Wetlands Protection*			\$186,600				
FY 05/06/07 106 Program				\$143,750	\$2,071,853	\$64,000	\$259,644
FY 05/06 319(h) NPS Program			\$3,009,600				\$117,000
FY 06 604(b) Water Quality Management Program	\$20,000	\$20,000				\$60,000	
TOTAL FUNDING	\$20,000	\$20,000	\$3,196,200	\$143,750	\$2,071,853	\$124,000	\$376,644

**Funds were awarded prior to September 30, 2006. The project(s), however, cannot begin until October 1, 2006.*

Section §104(b)(3) Program

Section 104(b)(3) authorizes funding to State agencies, Tribes, other public or nonprofit private agencies, institutions, organizations and individuals to conduct and promote the coordination and acceleration of research, investigations, experiments, training, demonstrations, surveys and studies relating to causes, effects, extent, prevention, reduction and elimination of pollution. Funding is available annually through both EPA Headquarters and EPA Region 6 and usually requires a 5% match. Funding for this program has been reduced at the Congressional level. However, at times, EPA may offer provisional funding to states or regions for a specific purpose. Oklahoma did not receive §104(b)(3) Funding in FFY 2006.

Section §104(b)(3) Wetlands Program

Section 104(b)(3) Wetlands authorizes funding for the development and implementation of activities to protect state wetlands. The goal of the program is to build the capacity of all levels of government to develop and implement effective, comprehensive programs for wetland protection and management. This grant program is competitive on a regional basis and requires a 25% match. A funding level of approximately \$1.2 million is available per year at the regional level. The funding period for this program is approximately three (3) years.

FY 06 §104(b)(3) Wetlands Protection Workplan

Project 1 – Partnerships for Wetland Protection, Restoration and Planning in an Urban Setting - OCC \$186,600

The goal of this project is to demonstrate low impact development techniques to maximize wetland area and decrease flood impacts to communities; demonstrate environmentally friendly stream stabilization techniques; and include wetlands in watershed planning to protect for future impacts to wetlands, while creating partnerships that are essential for sustained wetland protection efforts, ultimately resulting in a healthier biological community associated with the wetland and stream to attain no net loss of wetland acreage and functions.

Section §106 Program

Section 106 of the Clean Water Act authorizes assistance to the State in administering programs for the prevention, reduction, and elimination of water pollution including programs for the development and implementation of groundwater protection strategies. The state receives approximately \$2,100,000 for surface water and groundwater activities. The state is required to set forth a minimum level of effort towards the §106 program of \$257,655. All base surface and groundwater activities are included in the FOCUS document, which is part of DEQ's Performance Partnership Grant. By including the activities in the FOCUS document, EPA allows DEQ flexibility and the ability to cross fund programs. Activities and projects under this grant program are reviewed and awarded on an item-by-item basis. The workplan includes new projects as well as projects not completed within the previous grant cycle. Beginning 2005 EPA provided annual funding under this program for the states to use to implement elements of the Monitoring Strategy. These projects are tracked separately. The program period for the §106 grants is three years.

Please note: \$3,968,592 of the three-year program was awarded the State prior to October 1, 2005 and accounted for in the 2004 and 2005 SB 150 Update. Dollar amounts listed below for the FY 05/06/07 §106 Workplan are for the three-year period.

FY 05/06/07 §106 Program (July 1, 2004 – June 30, 2007)

FY 05/06/07 Core Activities - ODEQ..... \$5,198,227

- Administration – The agency will monitor its finance, personnel and data processing operations. Surveys will evaluate customer satisfaction with major program activities.
- Enforcement – The agency will ensure compliance with the law through an enforcement program that will include issuing orders and assessing fines.
- Permitting – Permitting, along with rulemaking, provides the basic tool for controlling pollutant discharges. Particular emphasis will be placed on the issuance of high quality permits in a timely manner.
- Planning – The agency will implement a planning process called “FOCUS” to integrate budget, planning, personnel evaluation and reporting based on measuring for results.
- Sludge –The agency will review and respond to all sludge management plans within 60 days of receipt of all necessary information to ensure that construction is performed.
- TMDL – The agency will develop and/or review TMDL/WLA models in accordance with schedules established in the 1998 303(d) list and submit these models to EPA for approval

- Groundwater Monitoring – The agency will continue to conduct both environmental and programmatic monitoring to determine the effectiveness of its programs

FY 05/06/07 §106 Workplan

Project 1 – Management and Coordination - OSE \$546,947

This project provides for maintenance of federal responsibility/accountability of funds to support all Clean Water Act programs. The Governor has initiated, and will continue to initiate, activities for the protection of water quality through the Office of the Secretary of Environment. This project provides staff assistance to facilitate progress in these activities.

Project 2 - Statistical Analysis - ODEQ \$1,943

The purpose of this project is to 1) compile information on water quality collected by various divisions of ODEQ over the years into a single database, 2) determine if the quality of the data are sufficient to perform statistical analyses of the information, 3) perform statistical analyses on the data, 4) do 305(b) reports and 5) make information available to the public.

Project 3 - Water Quality, Flow, and Sediment Monitoring Plan for Tar Creek Basin – ODEQ \$119,835

This project will 1) initiate flow weighted stream/mine water monitoring at established wadable sites in Tar Creek basin; 2) monitor high flow at six sites in the watershed area; 3) calculate metals loading in Tar Creek, including sediment load, and analysis of bed material and estimate the impact immediately below its confluence with the Neosho River due to dilution (and other) factors; 4) verify the quality of water flowing to Grand Lake; and 5) evaluate damage to biota at three individual monitoring sites (above, within and below mine discharge).

Project 4 – Surface-Water Quality in the Grand-Neosho River Basin, Northeastern Oklahoma – ODEQ..... \$145,074

The objectives of this project are to (1) analyze high-flow water samples from Tar Creek, the Spring River, and the Neosho River for general water properties, trace elements, and major ions; (2) utilize continuous stream flow data and water quality data from Tar Creek, Neosho River, and Spring River to estimate water and sediment quality entering Grand Lake; and (3) quantify the sediment movement and composition in Tar Creek, the Neosho River, and the Spring River under high flow conditions. The project will also enhance the current stream-monitoring network in the Picher-Miami-Commerce area. Data collected will provide information to aid Federal, State, Tribal and local officials in the remediation of the area.

Project 5 - TMDL Development for the Washita River Below Foss Reservoir Phase I (part 2) – ODEQ \$213,448

The purpose of this project is to produce a TMDL for the targeted watershed and to support Watershed Restoration Action Strategy development.

Project 6 - TMDL Monitoring – Washita River Watershed above Foss Dam – ODEQ \$105,733

The purpose of this project is to collect water quality data to verify waterbody impairment and to support TMDL development for all pollutants of concern. The data collection will be designed to assist in identifying the source(s) and extent of impairment to the waterbodies.

Project 7 - Blue River Watershed TMDL Phase I Water Quality Monitoring – ODEQ \$17,862

The purpose of this project is to collect water quality data to verify waterbody impairment and to support TMDLs for nutrients, suspended solids and noxious aquatic plants. The data collection will be designed to assist in identifying the source(s) and extent of impairment to the waterbodies

Project 8 – Hydrodynamic and Water Quality Modeling for – Wister Lake – ODEQ \$263,341

The objective of this project is to develop a linked watershed and 3-dimensional hydrodynamic, sediment transport and water quality model of Lake Wister to allow ODEQ to estimate potential load reductions to Lake Wister in order to restore the lake to its designated beneficial uses. (Project Revision under review at EPA.)

Project 9 - Illinois River Watershed TMDL Phase I Water Quality Monitoring for Metals & Pesticides – ODEQ \$42,345

The objective of this project is to collect water quality data to verify waterbody impairment and to support a TMDL for metals and pesticides. The data collection will be designed to assist in identifying the source(s) and extent of impairment to the waterbodies.

Project 10 - TMDL Monitoring – Atoka Lake Watershed - ODEQ \$56,476

The objective of this project is to collect water quality data to verify waterbody impairment and to support TMDL development for all pollutants of concern. The data collection will be designed to assist in identifying the source(s) and extent of impairment to the waterbodies.

Project 11 - North Canadian River Pathogens TMDL - ODEQ \$14,386

The objective of this project is to collect monitoring data and develop a Total Maximum Daily Load model for pathogens in the North Canadian River. The study area encompasses the North Canadian River in the Oklahoma City metropolitan area. The

Association of Central Oklahoma Governments, with guidance from the ODEQ, will conduct project activities.

Project 12 - Arkansas River Metals TMDL - ODEQ..... \$40,517

The objective of this project is to collect existing data from recent studies by INCOG, the City of Tulsa and others and develop a TMDL model for the Arkansas River. The TMDL will include all Arkansas River segments between Sand Springs and Broken Arrow, Oklahoma. All eleven metals currently listed in the Oklahoma Water Quality Standards will be modeled. Mixing zone models will be developed for metals of concern that are identified in the TMDL modeling process. The Indian Nations Council of Governments will conduct project activities with guidance from the ODEQ.

Project 13 -Bacteria TMDL Development Using GIS Toolbox - ODEQ.....\$115,955

This project is intended to develop bacteria TMDLs using the tools being developed by Parsons Water & Infrastructure, Inc. in cooperation with EPA Region 6 and ODEQ. The "toolbox" comprises a load duration curve tool and a GIS spreadsheet tool. The load duration curve tool estimates relative point and nonpoint source loads indication bacteria based on instream flow and concentration data. The GIS spreadsheet tool predicts nonpoint and point source loading of indicator data.

Project 14 - TMDL Monitoring on Priority 1 and Priority 2 Waters Listed on the 1998 303(d) List - ODEQ \$25,340

The objective of the proposed sampling initiative is to 1) establish if listed waters are currently meeting their assigned beneficial uses, 2) gather historical data (if available) to be used in Phase 1 of the TMDL process and 3) support TMDL development. The Oklahoma Water Resources Board will conduct project activities with guidance from the ODEQ.

Project 15 - Basin 6 & 7 TMDL Water Quality Monitoring - ODEQ..... \$13,935

The objective of the proposed sampling initiative is to 1) determine if listed waters are currently meeting their assigned beneficial uses, 2) gather historical data (if available) to be used in Phase 1 of the TMDL process and 3) support TMDL development. The Oklahoma Water Resources Board will conduct project activities with guidance from the ODEQ.

Project 16 - Comparison Study of Water Quality from PWS Wells and other wells in Central Oklahoma Aquifer - ODEQ..... \$36,265

DEQ will use public water supply ("PWS") wells to characterize water quality in major aquifers. Specifically this study will compare the results of chemical analysis of PWS wells with other data from the Central Oklahoma Aquifer to evaluate the "equivalence" of information. USGS will reactivate portions of its former sampling program to establish if water quality of waters from non-PWS wells is comparable to water from PWS wells in the Central Oklahoma Aquifer. The United States Geological Survey will conduct project activities with guidance from the ODEQ.

Project 17 - Review of Monitoring and Assessment Data to Support Development of TMDL for Lake Tenkiller and Illinois River Watershed - ODEQ..... \$14,670

In conducting a Total Maximum Daily Load (TMDL) study for the Tenkiller Ferry Reservoir and its attendant watershed, the ODEQ Water Quality Division will use the Soil & Water Assessment Tool (SWAT) computer model simulation by Oklahoma State University to estimate a maximum allowable nutrient loading. Oklahoma State University will conduct project activities with guidance from the ODEQ.

Project 18 - Ground Water Monitoring FY03/04 – Continuation of Project 2 – ODEQ \$153,111

This project will continue the ambient groundwater monitoring program administered through the ODEQ. The primary objective of this project is to assess the quality of groundwater. In the long term, data will be analyzed for trends to identify areas where measures should be taken to preserve the beneficial uses of the groundwater. These objectives will be met by sampling a subset of Public Water Supply wells to determine current constituent levels.

Project 19 - Statewide Groundwater Quality Analysis Using GIS FY03/04 – ODEQ \$4,809

State agencies have been gathering data on groundwater quality for many years. ODEQ wants to use this information to develop maps showing the quality of water in the major aquifers in Oklahoma. Using new GIS software and more powerful hardware, ODEQ will be able to create layers over images of aquifers with isopleths of water quality data. These will help citizens of Oklahoma ascertain groundwater quality for every major aquifer area for many parameters.

Project 20 - Proposed Stream Gaging Program (Year 5 and 6) - ODEQ..... \$173,900

The monitoring sites listed in this proposal for funding are all located in Unified Watershed Assessment Category I watersheds. These monitoring sites are critical to TMDL development and are also essential in tracking the progress of TMDL implementation procedures. Flow data will be used to assess the total pollutant loading, and the water quality data will be used to determine the degree of impairment to the water's beneficial use(s). Where appropriate, screening and review criteria developed for the 303(d) program will be utilized to assess impairment. The United States Geological Survey will conduct project activities with guidance from the ODEQ.

Project 21 – TMDL Guide Development..... \$2,665

This project seeks to impact all TMDL stakeholders statewide through the distribution of TMDL Guidance information in the form of a guidance document, pamphlets, and public meetings.

Project 22 - Licensed Managed Feeding Operations Monitoring Well Sampling for 2004 – ODAFF..... \$387,500

The Oklahoma Concentrated Animal Feeding Operations Act (2 O.S. § 9-205.4(F)(3)) and its implementing regulations (OAC 35:17-3-11(e)(6) (H)) both require that the Oklahoma Department of Agriculture, Food, and Forestry (ODAFF) annually sample monitoring wells at swine Licensed Managed Feeding Operations (LMFOs). This project will allow for the collection of groundwater samples at monitoring wells of LMFOs and a review of the analyzed data for indication of possible pollution. Determining the sources of pollutants in groundwater will aid ODAFF in assessing whether LMFOs negatively affect nearby groundwater quality and what actions are necessary to address such pollution.

Project 23 – Stream Gaging Program Year 7 – ODEQ..... \$97,900

The monitoring sites listed in this project are all located in Unified Watershed Assessment Category I watersheds. These monitoring sites are critical to TMDL development and are also essential in the tracking the progress of TMDL implementation procedures. Flow data will be used to assess the total pollutant loading and the water quality data will be used to determine the degree of impairment to the water's beneficial use(s). Where appropriate screening and review criteria developed for the 303(d) program will be utilized to assess impairment.

Project 24 – Bacteria TMDL Development Using GIS Toolbox for Selected Watersheds – ODEQ..... \$372,100

This project is intended to develop bacteria TMDL's using the tools being developed by Parsons Water & Infrastructure, Inc. in cooperation with EPA Region 6 and ODEQ. The "toolbox" comprises a load duration curve tool and a GIS spreadsheet tool. The load duration curve tool estimates relative point and nonpoint source loads of indicator bacteria based on instream flow and concentration data. The GIS spreadsheet tool predicts nonpoint and point source loading of indicator bacteria.

The toolbox is intended to facilitate the rapid development of TMDLs in any watershed in the state. The results of applying the toolbox to a "pilot" watershed will help shape the process used to identify the best candidates for application of the toolbox in this project. Development of a list of candidate watershed is one of the tasks under the project.

FY 05/06 \$106 Monitoring Workplan

Project 1 – Coordination of Oklahoma's State Monitoring Strategy – OSE... \$8,447

This project provides for the coordination and continued development/refinement of Oklahoma's Monitoring Programs. OSE will work with State environmental agencies to update the Monitoring Strategy document. The State will review the existing programs to determine if changes can be made which allow for additional monitoring program components.

Project 2 – Development, testing and drafting of Nutrient Limited Watershed (NLW) impairment Study protocols to allow for listing of lakes for nutrients as Category 5 in the Oklahoma Integrated Report – OWRB..... \$64,000

The project will define acceptable data standards for NLW studies and a process to determine whether impairment is due to cultural eutrophication. Potential outcomes of this proposal are refinement of OWRB rules relating the NLW and delineating the fate of NLW listing once an impairment decision is made.

Project 3 – Fish Tissue Monitoring for Heavy Metals in the Tri-State Mining Area – ODEQ \$100,000

This project will allow DEQ to make recommendations regarding safe consumption rates and preparation methods for fish in waters affected by runoff from the Tri-State Mining area. A determination will also be made as to the extent of metals contamination of fish downstream through Grand Lake. The educational materials and outreach will inform the public and tribes whose cultural practices put them most at risk from consuming fish from that area. As a result of these activities, the public will be aware of health risks associated with the consumption of fish caught by tracking and documenting media calls, citizen requests for information, web page hits, and the distribution of educational materials.

Section § 319(h) Nonpoint Source Program

Section 319(h) of the CWA authorizes funding to designated State agencies to implement the State's NPS management program to control nonpoint source pollution. The state receives approximately \$3,000,000 annually and is required to provide a 40% match. The funds within this grant program are tied to priorities listed within Oklahoma's Nonpoint Source Management Plan and directed by the Nonpoint Source Working Group. The Oklahoma Conservation Commission serves as the technical lead agency for the program. The funding period for this program is five (5) years.

Please note: \$3,173,300 of the two-year program was awarded the State prior to October 1, 2005 and accounted for in the 2005 SB 150 Update. Dollar amounts listed below for the FY 05/06 §319 Workplan are for the two-year period.

FY 05/06 319(h) Program

Project 1 - Coordination and Management of Oklahoma's NPS Program – OSE \$234,000

Provide support for coordination and management of the FY 05 319 (h) grant and related activities, including departmental and technical review, coordination of

interagency technical review, and management and maintenance of Oklahoma's Nonpoint Source Grants Reporting and Tracking System.

Project 2 - FY 2005-2006 319(h) Project 2 Oklahoma Conservation Commission Implementation of the NPS Management Program October 2005- June 2006 - OCC \$925,439

The purpose of this project is to provide staff support and funding to implement Oklahoma's Comprehensive Nonpoint Source Pollution Program, including planning, assessment, education, and implementation activities between October 1, 2005 and June 30, 2006.

Project 3 - Rotating Basin Monitoring Program (Year 6) – OCC \$607,368

The purpose of this project is to implement year six of the Rotating Basin Monitoring Program. Through implementation of this program, it will be possible to ascertain the beneficial use support status of streams in the specified watersheds, to collect information of nonpoint sources of pollution, and to evaluate success of implementation and education efforts.

Project 4 – Statewide Blue Thumb Program – OCC \$278,979

The goals of the Statewide Blue Thumb program includes promoting the Blue Thumb Program throughout Oklahoma, particularly through conservation districts; organizing and supporting satellite programs; water quality education activities; volunteer water quality monitoring; and groundwater education/screening programs.

Project 5 - Fort Cobb Watershed TMDL Implementation Project - OCC \$1,244,514

This program will attempt to install 35,000 acres of no-till cropland in the Fort Cobb watershed to work towards the TMDL recommendation that 50% or approximately 51,000 of the 101,000 acres of cropland are no-till. This will accomplish approximately 69% of that TMDL goal. As a result, this implementation could eventually lead to a phosphorus load reduction of 12% for the Fort Cobb Watershed.

Project 6 – Implementation of the NPS Management Program July 2006 – June 2007 – OCC..... \$970,711

The purpose of this project is to provide staff support and funding to implement Oklahoma's Comprehensive Nonpoint Source Pollution Program, including planning, assessment, education, and implementation activities between July 1, 2006 and June 30, 2007.

Project 7 – Rotating Basing Monitoring Program (Year 7) – OCC..... \$710,775

The purpose of this project is to implement year seven of the Rotating Basin Monitoring Program. Through implementation of this program, it will be possible to ascertain the beneficial use support status of streams in the specified watersheds, to collect information of nonpoint sources of pollution, and to evaluate success of implementation and education efforts.

Project 8 – Statewide Blue Thumb Program – OCC \$331,628

The goals of the Statewide Blue Thumb program includes promoting the Blue Thumb Program throughout Oklahoma, particularly through conservation districts; organizing and supporting satellite programs; water quality education activities; volunteer water quality monitoring; and groundwater education/screening programs.

Project 9 – Honey Creek Watershed Implementation Project - OCC..... \$996,486

This project is to initiate a watershed scale effort to reduce NPS loading and eliminate threats and impairments to the Honey Creek Watershed. In accomplishing this goal, loadings as established in future TMDL and Water Quality Standards will eventually be met. The education, implementation, and monitoring activities outlined in this workplan are only the first step in what should be a long-term effort to achieve the objective.

Section §604(b) Water Quality Management Program

Section 604(b) of the CWA authorizes assistance to States to carryout water quality management planning. The States must pass through 40% of these funds to regional planning agencies unless the Governor, in consultation with affected parties, determines that regional planning agency participation will not significantly assist the State in its water quality management planning efforts.

The state receives approximately \$100,000 per year in funding (no state match is required). Forty percent of the annual funding goes to the sub-state planning districts - usually ACOG (Association of Central Oklahoma Governments - Oklahoma City area) and INCOG (Indian Nation Council of Governments - Tulsa area). The remaining 60% is allocated to the Oklahoma Water Resources Board (OWRB) for planning purposes. The funding period for this program is approximately three (3) years.

FY 06 604(b) Program

Project 1 – Revision of Oklahoma's Water Quality Standards and Associated Implementation Documents – OWRB..... \$60,000

The objective of this project is to continue with the development and promulgation of beneficial uses, water quality criteria, anti-degradation limitation and implementation language as is necessary to protect the water resources of the State of Oklahoma. These activities will include the state-mandated review, and revision as necessary, of Water Quality Standards Implementation Plans for all state environmental agencies. An additional objective of this project is to exceed the federal and state requirements for

public participation and review of the standards with the informal public participation process traditionally implemented by the OWRB prior to the required formal steps.

Project 2 – Phase I Watershed Management Plan for Shell Lake – INCOG.. \$20,000

This project will provide funds for INCOG to develop Phase I of a comprehensive Watershed Management Plan for Sand Spring's Shell Lake. The Phase I effort will involve collection of existing and historical information and data about lake water quality; watershed land uses and zoning; residential, commercial and industrial development; environmental conditions and potential pollution sources. Phase I will also identify a process for developing management and implementation strategy options to be considered in a future Phase II. During and after completion of Phase I, the City of Sand Springs will provide funds for INCOG and city staff to host public education meetings.

Project 3 – Modeling Assessment of ASR on the Nichols Hills Well Field in Central Oklahoma – ACOG..... \$20,000

This project will conduct a modeling study to evaluate the feasibility of ASR using the present configuration of wells, as well as design a well field protection area for the system. Results of the study can be extrapolated to other municipalities with well fields in this aquifer that are interested in ASR.

Grant Expenditures October 1, 2005 through September 30, 2006

Table 2 shows the expenditure of Clean Water Act funds between October 1, 2005 and September 30, 2006. The expenditures were for activities completed in Federal Fiscal Year 2006 and funded through current and previously awarded grant programs. Funds are distributed on a reimbursement basis as detailed in the Formal Agreement between EPA and OSE.

Table 2. Clean Water Act Expenditures to Subrecipients
(Federal Dollars for Federal Fiscal Year 2006)

	Association of Central Oklahoma Governments	Indian Nations Council of Governments	Oklahoma Conservation Commission	Oklahoma Corporation Commission	Oklahoma Department of Agriculture, Food, and Forestry	Oklahoma Department of Environmental Quality	Oklahoma Water Resources Board	Oklahoma State University	Oklahoma Tourism and Recreation Department	Office of the Secretary of the Environment
104(b)(3) Program-TMDL		\$4,610		\$19,044		\$19,077	\$34,110			
104(b)(3) Program-WQCA		\$82,648	\$23,167			\$153,997	\$176,239			\$5,598
104(b)(3) Program-Wetlands		\$24,366	\$96,529				\$29,039	\$16,626		\$2,097
106 Program					\$66,120	\$1,894,017				\$196,364
319(h) Nonpoint Source Program			\$4,288,006			\$10,649	\$3,328			\$203,734
604(b) Water Quality Management Program	\$108,832	\$5,694					\$40,847		\$7,041	
Special Monitoring Studies							\$46,678			
TOTAL Expenditures	\$108,832	\$117,318	\$4,407,702	\$19,044	\$66,120	\$2,077,740	\$330,241	\$16,626	\$7,041	\$407,793