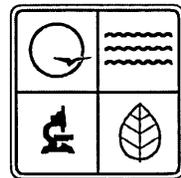


**FY 2016**

# **Budget Request**

## **Governor's Recommendations**



Missouri  
Department of  
Natural Resources



Missouri Department of Natural Resources  
 FY 2016 Governor's Recommendations  
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Missouri is abounding with natural resource diversity like no other state in the nation. The Show-Me state's varied landscapes extend from the rolling farmlands in the north to the Ozark hills in the south to the Mississippi River bottoms in the east to the open prairies in the west. Our water resources are equally as diverse from the crystal clear spring-fed streams to the man-made recreational lakes to the major navigational waters of the Mississippi and Missouri rivers.

The quality of life for each Missourian can be closely tied to the health of our state's natural resources. Our air, land and water resources are essential not only to Missouri's environment and our health; they also contribute to the economic vitality of our state and help ensure future prosperity, which further improves our quality of life. For these reasons and more, the Missouri Department of Natural Resources has dedicated its mission since 1974 toward enhancing Missouri's natural resources – it's in our nature!

Passage of several significant federal environmental laws, including the National Environmental Policy Act, the Clean Air Act, and the Clean Water Act, helped build a foundation for a healthier America. Growing concern for protection of Missouri's natural and cultural resources led the Missouri Legislature to create the Missouri Department of Natural Resources, which became official on July 1 under the Omnibus State Reorganization Act of 1974 bringing together nearly 15 existing agencies with complementary missions.

The Missouri Department of Natural Resources protects, preserves and enhances Missouri's natural and cultural resources. The department helps develop mineral resources in an environmentally safe manner, protects Missouri's land, air and water resources and works to preserve the state's cultural and natural heritage through state parks, state historic sites and the state historic preservation office. The department enforces environmental rules and regulations related to air and water pollution, hazardous and solid waste, land reclamation, soil and water conservation, and safe public drinking water. The department's regional and satellite offices provide field inspections, complaint investigation and front-line troubleshooting, problem solving and technical and compliance assistance on environmental issues and emergencies.

The department has experienced many challenges and transformations since it was first created in 1974. The department will continue to work to provide an enhanced quality of life for its citizens and take the most sustainable path forward to protect, preserve and enhance Missouri's natural and cultural resources. These resources are also critically important to the economic wellbeing of the state, and protecting these resources helps ensure future prosperity.

The Department of Natural Resources looks forward to the next 40 years, as it continues to take care of Missouri's natural resources and provides all Missourians a healthy environment in which to live, work and enjoy the great outdoors. Enhancing Missouri's natural resources - it's in our nature!

**For More Information...**An important element in the successful completion of the Department of Natural Resources' mission is helping Missourians and visitors who seek our services. The department offers a number of compliance assistance and educational services designed to help individuals, groups and businesses better understand our natural resources and the rules that exist to protect them. The department also maintains a vast amount of information available to the public in the form of fact sheets, guidance documents, geologic maps, technical books and publications on a wide variety of issues.

## State Auditor's Reports, Oversight Evaluations and Missouri Sunset Act Reports

Program or Division Name	Type of Report	Date Issued	Website
Natural Resources/Division of Environmental Quality/Hazardous Waste Program	State Audit	6/2014	<a href="http://www.auditor.mo.gov/Press/2014043149203.pdf">http://www.auditor.mo.gov/Press/2014043149203.pdf</a>
Economic Development/Brownfield Remediation Tax Credit Program	State Audit	4/2014	<a href="http://www.auditor.mo.gov/Press/2014023457179.pdf">http://www.auditor.mo.gov/Press/2014023457179.pdf</a>
State of Missouri Single Audit Year Ending 6/30/2013	State Audit	3/2014	<a href="http://www.auditor.mo.gov/Press/2014017593543.pdf">http://www.auditor.mo.gov/Press/2014017593543.pdf</a>
Natural Resources/Division of Environmental Quality/Solid Waste Management Program	State Audit	9/2013	<a href="http://www.auditor.mo.gov/Press/2013-092.pdf">http://www.auditor.mo.gov/Press/2013-092.pdf</a>
South Central Solid Waste Management District Region P	State Audit	5/2013	<a href="http://www.auditor.mo.gov/Press/2013-039.pdf">http://www.auditor.mo.gov/Press/2013-039.pdf</a>
Ozark Rivers Solid Waste Management District Region K	State Audit	5/2013	<a href="http://www.auditor.mo.gov/Press/2013-038.pdf">http://www.auditor.mo.gov/Press/2013-038.pdf</a>
Quad-Lakes Solid Waste Management District Region J	State Audit	5/2013	<a href="http://www.auditor.mo.gov/Press/2013-037.pdf">http://www.auditor.mo.gov/Press/2013-037.pdf</a>
East Central Missouri Solid Waste Management District Region I	State Audit	5/2013	<a href="http://www.auditor.mo.gov/Press/2013-036.pdf">http://www.auditor.mo.gov/Press/2013-036.pdf</a>
Mid-Missouri Solid Waste Management District Region H	State Audit	5/2013	<a href="http://www.auditor.mo.gov/Press/2013-035.pdf">http://www.auditor.mo.gov/Press/2013-035.pdf</a>
State of Missouri Single Audit Year Ending 6/30/2012	State Audit	3/2013	<a href="http://www.auditor.mo.gov/Press/2013-024.pdf">http://www.auditor.mo.gov/Press/2013-024.pdf</a>
State of Missouri Single Audit Year Ending 6/30/2011	State Audit	3/2012	<a href="http://www.auditor.mo.gov/Press/2012-26.pdf">http://www.auditor.mo.gov/Press/2012-26.pdf</a>
Natural Resources/Division of State Parks	State Audit	3/2012	<a href="http://www.auditor.mo.gov/Press/2012-24.pdf">http://www.auditor.mo.gov/Press/2012-24.pdf</a>
Natural Resources/Soil and Water Conservation Program	State Audit	2/2012	<a href="http://www.auditor.mo.gov/press/2012-07.pdf">http://www.auditor.mo.gov/press/2012-07.pdf</a>



**Department of Natural Resources**

**DECISION ITEM SUMMARY**

Budget Unit									
Decision Item	FY 2014	FY 2014	FY 2015	FY 2015	FY 2016	FY 2016	FY 2016	FY 2016	FY 2016
Budget Object Summary	ACTUAL	ACTUAL	BUDGET	BUDGET	DEPT REQ	DEPT REQ	GOV REC	GOV REC	GOV REC
Fund	DOLLAR	FTE	DOLLAR	FTE	DOLLAR	FTE	DOLLAR	FTE	DOLLAR
<b>DEPARTMENT OPERATIONS</b>									
<b>CORE</b>									
<b>PERSONAL SERVICES</b>									
GENERAL REVENUE	185,371	3.90	195,021	9.50	195,021	9.50	195,021	9.50	195,021
DEPT NATURAL RESOURCES	876,897	18.20	1,391,730	29.10	1,391,730	29.10	1,391,730	29.10	1,391,730
FEDERAL STIMULUS-DNR	111,606	2.55	0	0.00	0	0.00	0	0.00	0
NATURAL RESOURCES REVOLVING SE	25,587	0.48	41,669	0.89	41,669	0.89	41,669	0.89	41,669
DNR COST ALLOCATION	2,284,570	48.01	2,324,067	45.70	2,324,067	45.70	2,324,067	45.70	2,324,067
<b>TOTAL - PS</b>	<b>3,484,031</b>	<b>73.14</b>	<b>3,952,487</b>	<b>85.19</b>	<b>3,952,487</b>	<b>85.19</b>	<b>3,952,487</b>	<b>85.19</b>	<b>3,952,487</b>
<b>EXPENSE &amp; EQUIPMENT</b>									
GENERAL REVENUE	120,372	0.00	109,485	0.00	109,485	0.00	109,485	0.00	109,485
DEPT NATURAL RESOURCES	92,287	0.00	413,142	0.00	413,142	0.00	413,142	0.00	413,142
STATE PARKS EARNINGS	19,159	0.00	100,000	0.00	100,000	0.00	100,000	0.00	100,000
NATURAL RESOURCES REVOLVING SE	226	0.00	5,129	0.00	5,129	0.00	5,129	0.00	5,129
DNR COST ALLOCATION	455,181	0.00	543,587	0.00	543,587	0.00	543,587	0.00	543,587
SOLID WASTE MANAGEMENT	8,378	0.00	150,000	0.00	150,000	0.00	150,000	0.00	150,000
SOIL AND WATER SALES TAX	185,365	0.00	250,000	0.00	250,000	0.00	250,000	0.00	250,000
WATER & WASTEWATER LOAN FUND	0	0.00	27,000	0.00	27,000	0.00	27,000	0.00	27,000
<b>TOTAL - EE</b>	<b>880,968</b>	<b>0.00</b>	<b>1,598,343</b>	<b>0.00</b>	<b>1,598,343</b>	<b>0.00</b>	<b>1,598,343</b>	<b>0.00</b>	<b>1,598,343</b>
<b>TOTAL</b>	<b>4,364,999</b>	<b>73.14</b>	<b>5,550,830</b>	<b>85.19</b>	<b>5,550,830</b>	<b>85.19</b>	<b>5,550,830</b>	<b>85.19</b>	<b>5,550,830</b>
<b>Pay Plan FY15-Cost to Continue - 0000014</b>									
<b>PERSONAL SERVICES</b>									
GENERAL REVENUE	0	0.00	0	0.00	1,049	0.00	1,049	0.00	1,049
DEPT NATURAL RESOURCES	0	0.00	0	0.00	7,502	0.00	7,502	0.00	7,502
NATURAL RESOURCES REVOLVING SE	0	0.00	0	0.00	225	0.00	225	0.00	225
DNR COST ALLOCATION	0	0.00	0	0.00	12,531	0.00	12,531	0.00	12,531
<b>TOTAL - PS</b>	<b>0</b>	<b>0.00</b>	<b>0</b>	<b>0.00</b>	<b>21,307</b>	<b>0.00</b>	<b>21,307</b>	<b>0.00</b>	<b>21,307</b>
<b>TOTAL</b>	<b>0</b>	<b>0.00</b>	<b>0</b>	<b>0.00</b>	<b>21,307</b>	<b>0.00</b>	<b>21,307</b>	<b>0.00</b>	<b>21,307</b>
<b>GRAND TOTAL</b>	<b>\$4,364,999</b>	<b>73.14</b>	<b>\$5,550,830</b>	<b>85.19</b>	<b>\$5,572,137</b>	<b>85.19</b>	<b>\$5,572,137</b>	<b>85.19</b>	<b>\$5,572,137</b>

**CORE DECISION ITEM**

<b>Department of Natural Resources</b>	<b>Budget Unit</b> <u>78111C</u>
<b>Department Operations</b>	
<b>Department Operations Core</b>	

**1. CORE FINANCIAL SUMMARY**

	<b>FY 2016 Budget Request</b>			
	<b>GR</b>	<b>Federal</b>	<b>Other</b>	<b>Total</b>
<b>PS</b>	195,021	1,391,730	2,365,736	3,952,487
<b>EE</b>	109,485	413,142	1,075,716	1,598,343
<b>PSD</b>	0	0	0	0
<b>Total</b>	<b>304,506</b>	<b>1,804,872</b>	<b>3,441,452</b>	<b>5,550,830</b>
<b>FTE</b>	<b>9.50</b>	<b>29.10</b>	<b>46.59</b>	<b>85.19</b>

	<b>FY 2016 Governor's Recommendation</b>			
	<b>GR</b>	<b>Fed</b>	<b>Other</b>	<b>Total</b>
<b>PS</b>	195,021	1,391,730	2,365,736	3,952,487
<b>EE</b>	109,485	413,142	1,075,716	1,598,343
<b>PSD</b>	0	0	0	0
<b>Total</b>	<b>304,506</b>	<b>1,804,872</b>	<b>3,441,452</b>	<b>5,550,830</b>
<b>FTE</b>	<b>9.50</b>	<b>29.10</b>	<b>46.59</b>	<b>85.19</b>

<b>Est. Fringe</b>	93,415	666,639	1,133,188	1,893,241
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*Note: Fringes budgeted in House Bill 5 except for certain fringes budgeted directly to MoDOT, Highway Patrol, and Conservation.*

<b>Est. Fringe</b>	93,415	666,639	1,133,188	1,893,241
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*Note: Fringes budgeted in House Bill 5 except for certain fringes budgeted directly to MoDOT, Highway Patrol, and Conservation.*

Other Funds: State Parks Earnings (0415); DNR Revolving Services Fund (0425); Cost Allocation Fund (0500); Solid Waste Management Fund (0570); Soil and Water Sales Tax Fund (0614); Water and Wastewater Loan Fund (0649)

**2. CORE DESCRIPTION**

Department Operations includes the Director's Office, Communications, Policy, Legal and Administrative Support. Department Operations provides departmental focus on key outcomes and works to ensure decisions are made which result in environmental improvements. Staff seeks to improve the efficiency of departmental actions, drive customer focused initiatives and ensure the public's participation in DNR's decision-making. Department Operations is also the focal point for providing information and assistance to state and national legislative bodies and the oversight of issues of state and national importance.

**CORE DECISION ITEM**

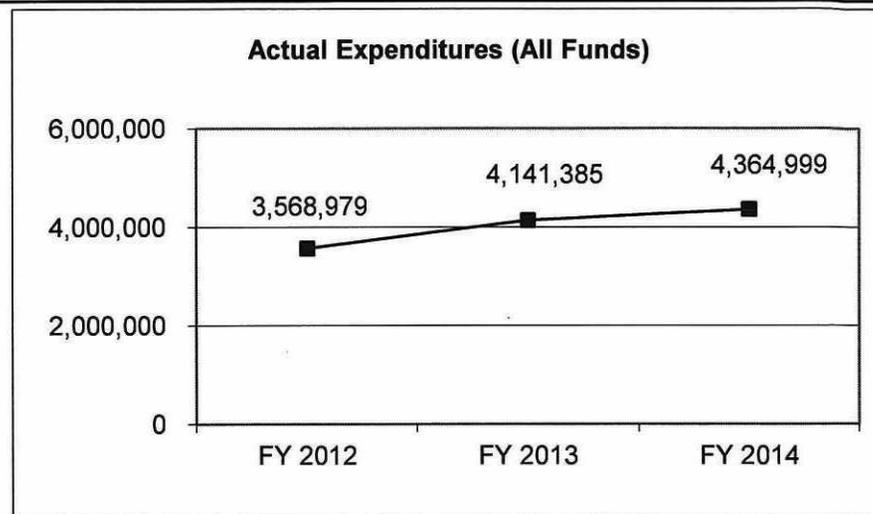
<b>Department of Natural Resources</b>	<b>Budget Unit <u>78111C</u></b>
<b>Department Operations</b>	
<b>Department Operations Core</b>	

**3. PROGRAM LISTING (list programs included in this core funding)**

Department Operations

**4. FINANCIAL HISTORY**

	FY 2012 Actual	FY 2013 Actual	FY 2014 Actual	FY 2015 Current Yr.
Appropriation (All Funds)	5,364,327	5,565,072	5,616,694	5,550,830
Less Reverted (All Funds)	(8,956)	(7,599)	(9,475)	N/A
Less Restricted (All Funds)	0	0	0	N/A
Budget Authority (All Funds)	5,355,371	5,557,473	5,607,219	N/A
Actual Expenditures (All Funds)	3,568,979	4,141,385	4,364,999	N/A
Unexpended (All Funds)	1,786,392	1,416,088	1,242,220	N/A
Unexpended, by Fund:				
General Revenue	299	991	621	N/A
Federal	858,039	474,635	455,833	N/A
Other	928,054	940,462	785,766	N/A
	<b>(1)</b>	<b>(1)</b>	<b>(2)</b>	



Reverted includes Governor's standard 3 percent reserve (when applicable).

Restricted includes any extraordinary expenditure restrictions (when applicable).

Actual expenditures for all fiscal years are as of June 30 and do not include lapse period activities.

**NOTES:**

(1) Lapse was high due to available one-time ARRA funding.

(2) Nearly \$500,000 in lapse is due to staff turnover, resulting in lower expenditures. Nearly \$300,000 of the Other Funds lapse is a result of contract audit appropriations in which audits were either not finished or invoices not received in time to pay from FY 2014 appropriations.

**CORE RECONCILIATION DETAIL**

**DEPARTMENT OF NATURAL RESOURCES**  
**DEPARTMENT OPERATIONS**

**5. CORE RECONCILIATION DETAIL**

			<b>Budget Class</b>	<b>FTE</b>	<b>GR</b>	<b>Federal</b>	<b>Other</b>	<b>Total</b>	<b>Explanation</b>
<b>TAFP AFTER VETOES</b>									
			PS	85.19	195,021	1,391,730	2,365,736	3,952,487	
			EE	0.00	109,485	413,142	1,075,716	1,598,343	
			<b>Total</b>	<b>85.19</b>	<b>304,506</b>	<b>1,804,872</b>	<b>3,441,452</b>	<b>5,550,830</b>	
<b>DEPARTMENT CORE ADJUSTMENTS</b>									
Core Reallocation	1531 1810		PS	0.00	0	0	0		(0) Core reallocations will more closely align the budget with planned spending.
Core Reallocation	1531 1813		PS	(0.00)	0	0	0		0 Core reallocations will more closely align the budget with planned spending.
Core Reallocation	1531 1804		PS	(0.00)	0	0	0		(0) Core reallocations will more closely align the budget with planned spending.
			<b>NET DEPARTMENT CHANGES</b>	<b>(0.00)</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>(0)</b>	
<b>DEPARTMENT CORE REQUEST</b>									
			PS	85.19	195,021	1,391,730	2,365,736	3,952,487	
			EE	0.00	109,485	413,142	1,075,716	1,598,343	
			<b>Total</b>	<b>85.19</b>	<b>304,506</b>	<b>1,804,872</b>	<b>3,441,452</b>	<b>5,550,830</b>	
<b>GOVERNOR'S RECOMMENDED CORE</b>									
			PS	85.19	195,021	1,391,730	2,365,736	3,952,487	
			EE	0.00	109,485	413,142	1,075,716	1,598,343	
			<b>Total</b>	<b>85.19</b>	<b>304,506</b>	<b>1,804,872</b>	<b>3,441,452</b>	<b>5,550,830</b>	

**FLEXIBILITY REQUEST FORM**

<b>BUDGET UNIT NUMBER:</b> 78111C	<b>DEPARTMENT:</b> NATURAL RESOURCES
<b>BUDGET UNIT NAME:</b> DEPARTMENT OPERATIONS	<b>DIVISION:</b> DEPARTMENT OPERATIONS

**1. Provide the amount by fund of personal service flexibility and the amount by fund of expense and equipment flexibility you are requesting in dollar and percentage terms and explain why the flexibility is needed. If flexibility is being requested among divisions, provide the amount by fund of flexibility you are requesting in dollar and percentage terms and explain why the flexibility is needed.**

**GOVERNOR'S RECOMMENDATION**

The department requests retention of 100% flexibility between funds (federal and other). The flexibility will allow the department to align appropriation authority with planned spending during the fiscal year based on funds availability and will help ensure effective, responsive service delivery by Department Operations staff.

**2. Estimate how much flexibility will be used for the budget year. How much flexibility was used in the Prior Year Budget and the Current Year Budget? Please specify the amount.**

PRIOR YEAR ACTUAL AMOUNT OF FLEXIBILITY USED	CURRENT YEAR ESTIMATED AMOUNT OF FLEXIBILITY THAT WILL BE USED	BUDGET REQUEST - GOVERNOR'S REC ESTIMATED AMOUNT OF FLEXIBILITY THAT WILL BE USED
\$17,100 Fund to Fund (Federal/Federal)	Flexibility usage is difficult to estimate at this time.	Flexibility usage is difficult to estimate at this time.

**3. Please explain how flexibility was used in the prior and/or current years.**

PRIOR YEAR EXPLAIN ACTUAL USE	CURRENT YEAR EXPLAIN PLANNED USE
Flexibility was used to expend remaining balance from federal stimulus funds.	The flexibility will allow the department to align appropriation authority with planned spending during the fiscal year based on funds availability and will help ensure effective, responsive service delivery by Department Operations staff.

**Department of Natural Resources**

**DECISION ITEM DETAIL**

Budget Unit	FY 2014	FY 2014	FY 2015	FY 2015	FY 2016	FY 2016	FY 2016	FY 2016
Decision Item	ACTUAL	ACTUAL	BUDGET	BUDGET	DEPT REQ	DEPT REQ	GOV REC	GOV REC
Budget Object Class	DOLLAR	FTE	DOLLAR	FTE	DOLLAR	FTE	DOLLAR	FTE
<b>DEPARTMENT OPERATIONS</b>								
<b>CORE</b>								
SR OFC SUPPORT ASST (CLERICAL)	24,336	0.97	0	0.00	0	0.00	0	0.00
ADMIN OFFICE SUPPORT ASSISTANT	51,804	1.85	56,796	2.00	56,803	2.00	56,803	2.00
OFFICE SUPPORT ASST (KEYBRD)	18,869	0.85	23,033	1.00	23,037	1.00	23,037	1.00
SR OFC SUPPORT ASST (KEYBRD)	93,611	3.71	128,426	5.00	129,264	5.00	129,264	5.00
OFFICE SERVICES ASST	28,443	0.99	28,845	1.00	0	0.00	0	0.00
PROCUREMENT OFCR II	44,439	1.00	44,914	1.00	44,917	1.00	44,917	1.00
OFFICE SERVICES COOR	27,261	0.62	44,914	1.00	0	0.00	0	0.00
ACCOUNT CLERK II	45,284	1.79	51,371	2.00	25,689	1.00	25,689	1.00
AUDITOR II	0	0.00	0	0.00	38,722	1.00	38,722	1.00
AUDITOR I	20,945	0.62	0	0.00	0	0.00	0	0.00
SENIOR AUDITOR	58,681	1.31	131,582	3.00	93,354	2.00	93,354	2.00
ACCOUNTANT I	4,608	0.15	0	0.00	30,814	1.00	30,814	1.00
ACCOUNTANT III	0	0.00	252	0.00	0	0.00	0	0.00
ACCOUNTING SPECIALIST I	73,460	2.09	71,506	2.00	72,016	2.00	72,016	2.00
ACCOUNTING SPECIALIST II	106,436	2.65	122,309	3.00	121,288	3.00	121,288	3.00
ACCOUNTING SPECIALIST III	151,165	3.07	149,242	3.00	146,085	3.00	146,085	3.00
BUDGET ANAL II	36,902	1.00	37,344	1.00	37,346	1.00	37,346	1.00
BUDGET ANAL III	151,220	3.08	148,447	3.00	148,457	3.00	148,457	3.00
PERSONNEL OFCR II	44,440	1.00	44,914	1.00	44,917	1.00	44,917	1.00
HUMAN RELATIONS OFCR I	29,658	0.75	39,153	1.00	40,951	1.00	40,951	1.00
PERSONNEL ANAL I	13,000	0.42	0	0.00	0	0.00	0	0.00
PERSONNEL ANAL II	53,070	1.42	112,954	3.00	112,716	3.00	112,716	3.00
PUBLIC INFORMATION COOR	75,746	1.77	86,500	2.00	103,352	2.40	103,352	2.40
PUBLIC INFORMATION ADMSTR	113,070	2.00	114,129	2.00	114,136	2.00	114,136	2.00
TRAINING TECH I	0	0.00	36,005	1.00	0	0.00	0	0.00
TRAINING TECH II	59,777	1.45	41,707	1.00	84,964	2.00	84,964	2.00
EXECUTIVE I	57,698	1.90	61,618	2.00	94,583	3.00	94,583	3.00
MANAGEMENT ANALYSIS SPEC II	81,582	1.69	80,528	1.65	80,534	1.65	80,534	1.65
PLANNER III	153,800	3.00	155,317	3.00	155,329	3.00	155,329	3.00
PLANNER IV	67,216	1.00	67,794	1.00	67,797	1.00	67,797	1.00
PERSONNEL CLERK	77,145	2.70	86,532	3.00	88,027	3.00	88,027	3.00
LABORER II	0	0.00	0	0.00	23,037	1.00	23,037	1.00

**Department of Natural Resources**

**DECISION ITEM DETAIL**

Budget Unit	FY 2014	FY 2014	FY 2015	FY 2015	FY 2016	FY 2016	FY 2016	FY 2016
Decision Item	ACTUAL	ACTUAL	BUDGET	BUDGET	DEPT REQ	DEPT REQ	GOV REC	GOV REC
Budget Object Class	DOLLAR	FTE	DOLLAR	FTE	DOLLAR	FTE	DOLLAR	FTE
<b>DEPARTMENT OPERATIONS</b>								
<b>CORE</b>								
MAINTENANCE WORKER II	25,919	0.87	29,809	1.00	0	0.00	0	0.00
MOTOR VEHICLE DRIVER	3,968	0.15	252	0.00	0	0.00	0	0.00
GRAPHIC ARTS SPEC III	0	0.00	42,479	1.00	0	0.00	0	0.00
GRAPHICS SPV	42,014	1.00	0	0.00	42,482	1.00	42,482	1.00
ENVIRONMENTAL MGR B2	27,743	0.46	30,379	0.50	30,505	0.50	30,505	0.50
FACILITIES OPERATIONS MGR B2	56,827	0.99	57,361	1.00	57,360	1.00	57,360	1.00
FISCAL & ADMINISTRATIVE MGR B1	113,615	2.00	114,681	2.00	114,680	2.00	114,680	2.00
FISCAL & ADMINISTRATIVE MGR B2	192,724	3.00	194,425	3.00	276,038	4.00	276,038	4.00
HUMAN RESOURCES MGR B1	57,706	1.00	58,432	1.00	58,432	1.00	58,432	1.00
HUMAN RESOURCES MGR B2	125,547	2.00	128,417	2.00	128,687	2.00	128,687	2.00
STATE DEPARTMENT DIRECTOR	120,229	1.00	121,053	1.00	121,052	1.00	121,052	1.00
DEPUTY STATE DEPT DIRECTOR	0	0.00	111,007	1.00	106,771	1.00	106,771	1.00
DESIGNATED PRINCIPAL ASST DEPT	236,739	4.48	261,793	4.50	299,279	5.00	299,279	5.00
DIVISION DIRECTOR	95,228	0.99	95,939	1.00	95,938	1.00	95,938	1.00
DEPUTY DIVISION DIRECTOR	0	0.00	81,371	1.00	0	0.00	0	0.00
DESIGNATED PRINCIPAL ASST DIV	49,434	1.07	39,703	1.00	39,451	1.00	39,451	1.00
LEGAL COUNSEL	87,228	1.04	81,875	1.00	88,403	1.00	88,403	1.00
CLERK	287	0.01	0	0.00	0	0.00	0	0.00
MISCELLANEOUS TECHNICAL	476	0.01	0	0.00	0	0.00	0	0.00
MISCELLANEOUS PROFESSIONAL	43,924	0.94	0	0.00	0	0.00	0	0.00
DOMESTIC SERVICE SUPERVISOR	908	0.03	0	0.00	0	0.00	0	0.00
SPECIAL ASST PROFESSIONAL	436,813	7.15	537,379	13.54	515,274	13.64	515,274	13.64
SPECIAL ASST OFFICE & CLERICAL	3,036	0.10	0	0.00	0	0.00	0	0.00
<b>TOTAL - PS</b>	<b>3,484,031</b>	<b>73.14</b>	<b>3,952,487</b>	<b>85.19</b>	<b>3,952,487</b>	<b>85.19</b>	<b>3,952,487</b>	<b>85.19</b>
TRAVEL, IN-STATE	39,086	0.00	47,161	0.00	60,161	0.00	60,161	0.00
TRAVEL, OUT-OF-STATE	23,584	0.00	21,700	0.00	32,700	0.00	32,700	0.00
FUEL & UTILITIES	0	0.00	307	0.00	307	0.00	307	0.00
SUPPLIES	165,046	0.00	184,612	0.00	184,612	0.00	184,612	0.00
PROFESSIONAL DEVELOPMENT	119,118	0.00	115,409	0.00	115,409	0.00	115,409	0.00
COMMUNICATION SERV & SUPP	61,927	0.00	80,579	0.00	100,579	0.00	100,579	0.00
PROFESSIONAL SERVICES	420,241	0.00	1,081,826	0.00	1,034,726	0.00	1,034,726	0.00
HOUSEKEEPING & JANITORIAL SERV	20	0.00	518	0.00	518	0.00	518	0.00

**Department of Natural Resources**

**DECISION ITEM DETAIL**

Budget Unit	FY 2014	FY 2014	FY 2015	FY 2015	FY 2016	FY 2016	FY 2016	FY 2016
Decision Item	ACTUAL	ACTUAL	BUDGET	BUDGET	DEPT REQ	DEPT REQ	GOV REC	GOV REC
Budget Object Class	DOLLAR	FTE	DOLLAR	FTE	DOLLAR	FTE	DOLLAR	FTE
<b>DEPARTMENT OPERATIONS</b>								
<b>CORE</b>								
M&R SERVICES	10,500	0.00	20,279	0.00	20,379	0.00	20,379	0.00
OFFICE EQUIPMENT	15,591	0.00	12,560	0.00	12,560	0.00	12,560	0.00
OTHER EQUIPMENT	8,997	0.00	11,566	0.00	11,566	0.00	11,566	0.00
BUILDING LEASE PAYMENTS	10,055	0.00	4,781	0.00	10,781	0.00	10,781	0.00
EQUIPMENT RENTALS & LEASES	0	0.00	1,731	0.00	1,731	0.00	1,731	0.00
MISCELLANEOUS EXPENSES	6,803	0.00	15,314	0.00	12,314	0.00	12,314	0.00
<b>TOTAL - EE</b>	<b>880,968</b>	<b>0.00</b>	<b>1,598,343</b>	<b>0.00</b>	<b>1,598,343</b>	<b>0.00</b>	<b>1,598,343</b>	<b>0.00</b>
<b>GRAND TOTAL</b>	<b>\$4,364,999</b>	<b>73.14</b>	<b>\$5,550,830</b>	<b>85.19</b>	<b>\$5,550,830</b>	<b>85.19</b>	<b>\$5,550,830</b>	<b>85.19</b>
<b>GENERAL REVENUE</b>	<b>\$305,743</b>	<b>3.90</b>	<b>\$304,506</b>	<b>9.50</b>	<b>\$304,506</b>	<b>9.50</b>	<b>\$304,506</b>	<b>9.50</b>
<b>FEDERAL FUNDS</b>	<b>\$1,080,790</b>	<b>20.75</b>	<b>\$1,804,872</b>	<b>29.10</b>	<b>\$1,804,872</b>	<b>29.10</b>	<b>\$1,804,872</b>	<b>29.10</b>
<b>OTHER FUNDS</b>	<b>\$2,978,466</b>	<b>48.49</b>	<b>\$3,441,452</b>	<b>46.59</b>	<b>\$3,441,452</b>	<b>46.59</b>	<b>\$3,441,452</b>	<b>46.59</b>

## PROGRAM DESCRIPTION

**Department of Natural Resources**

**Department Operations**

**Program is found in the following core budget(s): Department Operations**

**1. What does this program do?**

Department Operations includes staff for the Director's Office, Communications, Policy, Legal and Administrative Support. Department Operations staff is responsible for the development of statewide environmental and natural resource policies and provides departmental focus on key outcomes and works to ensure decisions are made which result in environmental improvements, such as participation in an interstate river association and reviewing environmental impact statements for major projects. Staff also coordinates functional and programmatic interaction between the department's divisions and programs to ensure a consistent approach. Department Operations is responsible for the management of all organizational units within the department: the Division of Environmental Quality, Missouri Geological Survey, Missouri State Parks, Water Resources Center and Soil and Water Conservation Program; as well as coordination with the Environmental Improvement and Energy Resources Authority and Petroleum Storage Tank Insurance Fund Board.

Department Operations also includes administrative support functions of budget development and financial resource allocations, internal audit, accounting, human resources, procurement, grants management and general services.

**2. What is the authorization for this program, i.e., federal or state statutes, etc.? (Include the federal program number, if applicable.)**

Not applicable

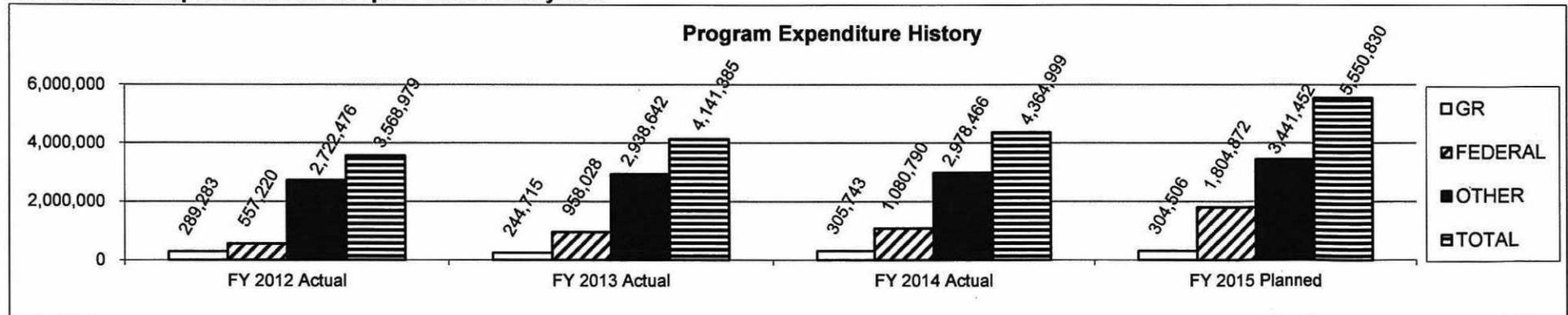
**3. Are there federal matching requirements? If yes, please explain.**

No

**4. Is this a federally mandated program? If yes, please explain.**

No

**5. Provide actual expenditures for the prior three fiscal years.**



Notes: Actual expenditures for all fiscal years are as June 30 and do not include lapse period activities. In FY 2012 and FY 2013, ARRA one-time funds were expended from House Bill 18 (rather than HB 6) and are therefore not reflected here. FY 2015 Planned is shown at full appropriation.

**PROGRAM DESCRIPTION**

**Department of Natural Resources**  
**Department Operations**  
**Program is found in the following core budget(s): Department Operations**

**6. What are the sources of the "Other" funds?**  
 State Parks Earnings Fund (0415); DNR Revolving Services Fund (0425); Cost Allocation Fund (0500); Solid Waste Management Fund (0570); Soil and Water Sales Tax Fund (0614); Water and Wastewater Loan Fund (0649)

**7a. Provide an effectiveness measure.**

	FY 2012 Projected	FY 2012 Actual	FY 2013 Projected	FY 2013 Actual	FY 2014 Projected	FY 2014 Actual	FY 2015 Projected	FY 2016 Projected	FY 2017 Projected
<b>Outreach to Clients</b>									
Calls made to DNR's 1-800 number	25,000	22,152	23,000	20,465	21,000	18,212	21,000	21,000	21,000
Missouri Resources magazine subscribers	79,124	78,382	80,733	80,594	83,012	82,161	83,000	83,000	83,000
Number of DNR website visitors <b>(1)</b>	N/A	N/A	N/A	856,953	N/A	785,827	800,000	800,000	800,000

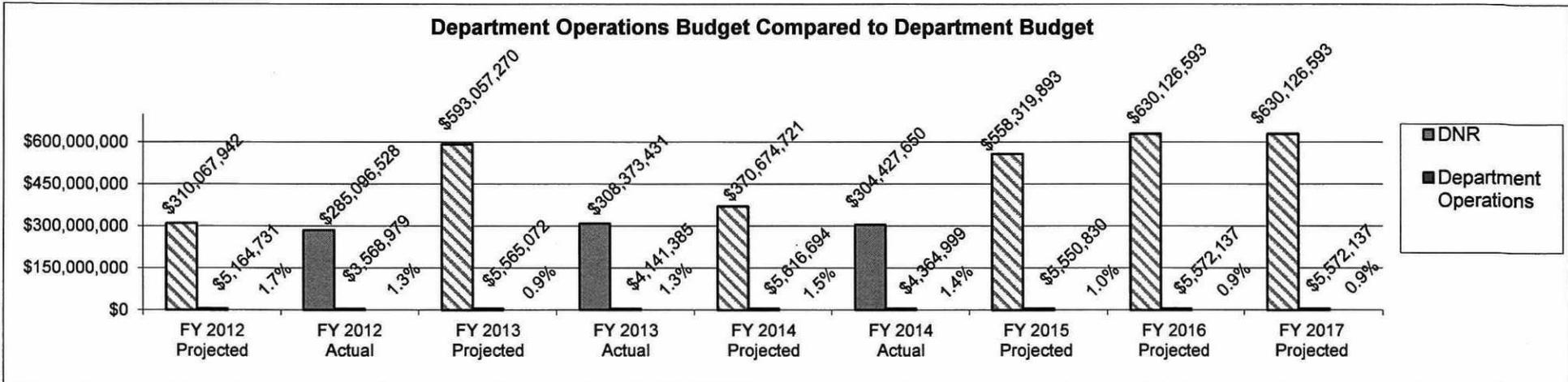
The department estimates receiving \$391,507,099 from 190 grants in FY 2015. These monies ensure staff, sub recipients and taxpayers are seeing their natural resources protected.

**(1)** This is a new measure for the FY 2016 budget and as such, no projections prior to FY 2015 are available.

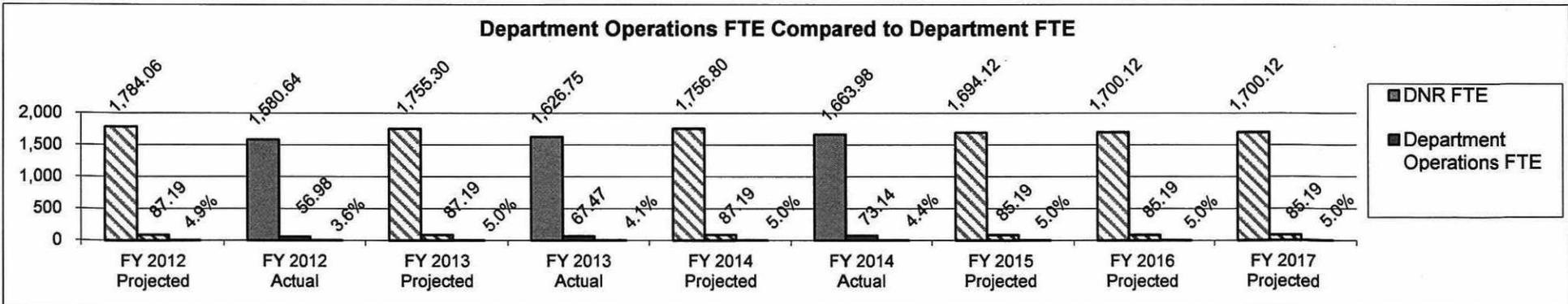
**PROGRAM DESCRIPTION**

**Department of Natural Resources**  
**Department Operations**  
**Program is found in the following core budget(s): Department Operations**

**7b. Provide an efficiency measure.**



Note: In FY 2012 and FY 2013, ARRA one-time funds were expended from House Bill 18 (rather than HB 6) and are therefore not reflected here. In FY 2013, some core pass-through appropriations were set at a level to encumber and pay our commitments, which often span multiple fiscal years. Beginning in FY 2014, some pass-through programs were provided appropriation authority to be used for encumbrance purposes only, which are excluded from this chart.



Note: In FY 2012 and FY 2013, ARRA one-time funds were expended from House Bill 18 (rather than HB 6) and are therefore not reflected here.

**PROGRAM DESCRIPTION**

**Department of Natural Resources**

**Department Operations**

**Program is found in the following core budget(s): Department Operations**

**7c. Provide the number of clients/individuals served (if applicable)**

FY 2015 Core Department Staff:

- Water Resources	32.80 FTE
- Soil and Water Conservation	32.86 FTE
- Division of Environmental Quality	785.24 FTE
- Petroleum Related Activities	16.20 FTE
- Agency Wide Tank Board	2.00 FTE
- Missouri Geological Survey	61.37 FTE
- Missouri State Parks	678.46 FTE

**7d. Provide a customer satisfaction measure, if available.**

Not available



**Department of Natural Resources**

**DECISION ITEM SUMMARY**

Budget Unit									
Decision Item	FY 2014	FY 2014	FY 2015	FY 2015	FY 2016	FY 2016	FY 2016	FY 2016	FY 2016
Budget Object Summary	ACTUAL	ACTUAL	BUDGET	BUDGET	DEPT REQ	DEPT REQ	GOV REC	GOV REC	GOV REC
Fund	DOLLAR	FTE	DOLLAR	FTE	DOLLAR	FTE	DOLLAR	FTE	FTE
<b>WATER RESOURCES</b>									
<b>CORE</b>									
<b>PERSONAL SERVICES</b>									
GENERAL REVENUE	1,296,954	25.19	1,407,796	24.98	1,407,796	24.98	1,407,796	24.98	24.98
DEPT NATURAL RESOURCES	167,981	3.44	368,875	7.32	406,142	7.82	406,142	7.82	7.82
DNR COST ALLOCATION	16,436	0.21	37,267	0.50	0	0.00	0	0.00	0.00
TOTAL - PS	1,481,371	28.84	1,813,938	32.80	1,813,938	32.80	1,813,938	32.80	32.80
<b>EXPENSE &amp; EQUIPMENT</b>									
GENERAL REVENUE	1,522,679	0.00	1,569,772	0.00	1,569,772	0.00	1,569,772	0.00	0.00
DEPT NATURAL RESOURCES	184,569	0.00	184,570	0.00	184,570	0.00	184,570	0.00	0.00
TOTAL - EE	1,707,248	0.00	1,754,342	0.00	1,754,342	0.00	1,754,342	0.00	0.00
<b>TOTAL</b>	<b>3,188,619</b>	<b>28.84</b>	<b>3,568,280</b>	<b>32.80</b>	<b>3,568,280</b>	<b>32.80</b>	<b>3,568,280</b>	<b>32.80</b>	<b>32.80</b>
<b>Pay Plan FY15-Cost to Continue - 0000014</b>									
<b>PERSONAL SERVICES</b>									
GENERAL REVENUE	0	0.00	0	0.00	7,591	0.00	7,591	0.00	0.00
DEPT NATURAL RESOURCES	0	0.00	0	0.00	2,192	0.00	2,192	0.00	0.00
TOTAL - PS	0	0.00	0	0.00	9,783	0.00	9,783	0.00	0.00
<b>TOTAL</b>	<b>0</b>	<b>0.00</b>	<b>0</b>	<b>0.00</b>	<b>9,783</b>	<b>0.00</b>	<b>9,783</b>	<b>0.00</b>	<b>0.00</b>
<b>GRAND TOTAL</b>	<b>\$3,188,619</b>	<b>28.84</b>	<b>\$3,568,280</b>	<b>32.80</b>	<b>\$3,578,063</b>	<b>32.80</b>	<b>\$3,578,063</b>	<b>32.80</b>	<b>32.80</b>

**CORE DECISION ITEM**

<b>Department of Natural Resources</b>	<b>Budget Unit</b> <u>78518C</u>
<b>Water Resources Center</b>	
<b>Water Resources Center Operations Core</b>	

**1. CORE FINANCIAL SUMMARY**

	FY 2016 Budget Request			
	GR	Federal	Other	Total
<b>PS</b>	1,407,796	406,142	0	1,813,938
<b>EE</b>	1,569,772	184,570	0	1,754,342
<b>PSD</b>	0	0	0	0
<b>Total</b>	<b>2,977,568</b>	<b>590,712</b>	<b>0</b>	<b>3,568,280</b>
<b>FTE</b>	<b>24.98</b>	<b>7.82</b>	<b>0.00</b>	<b>32.80</b>
<b>Est. Fringe</b>	674,334	194,542	0	868,876

*Note: Fringes budgeted in House Bill 5 except for certain fringes budgeted directly to MoDOT, Highway Patrol, and Conservation.*

	FY 2016 Governor's Recommendation			
	GR	Fed	Other	Total
<b>PS</b>	1,407,796	406,142	0	1,813,938
<b>EE</b>	1,569,772	184,570	0	1,754,342
<b>PSD</b>	0	0	0	0
<b>Total</b>	<b>2,977,568</b>	<b>590,712</b>	<b>0</b>	<b>3,568,280</b>
<b>FTE</b>	<b>24.98</b>	<b>7.82</b>	<b>0.00</b>	<b>32.80</b>
<b>Est. Fringe</b>	674,334	194,542	0	868,876

*Note: Fringes budgeted in House Bill 5 except for certain fringes budgeted directly to MoDOT, Highway Patrol, and Conservation.*

Other Funds: Not applicable

**2. CORE DESCRIPTION**

Water Resources Center staff provides information for Missouri's comprehensive water needs by examining both surface and groundwater use and availability. The Water Resources Center administers the provisions of the Missouri Dam and Reservoir Safety Law; regulating all nonfederal, nonagricultural dams 35 feet and higher through inspections, registration and issuance of construction permits. Staff also investigates water supply issues, maintains and updates Missouri's Public Water Supply database for groundwater wells, collects, analyzes and distributes groundwater-level data from a statewide network of observation wells, evaluates public water supply wells and provides casing and total depth specifications. The Water Resources Center staff continues to provide guidance and technical expertise for planning and development of regional water supply projects throughout Missouri. The Water Resources Center defends the state's vital water resources interests, including those related to river transport, before numerous interstate and interagency river basin associations.

**CORE DECISION ITEM**

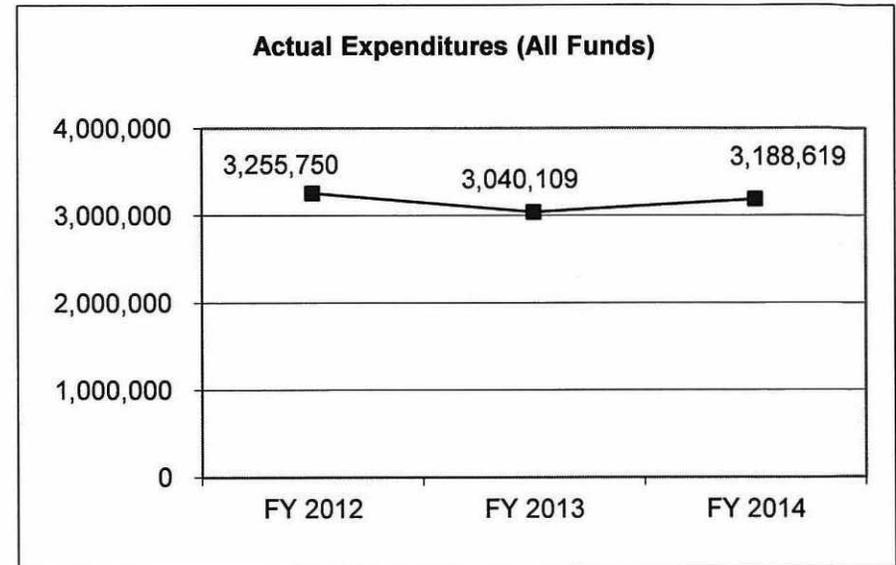
<b>Department of Natural Resources</b>	<b>Budget Unit <u>78518C</u></b>
<b>Water Resources Center</b>	
<b>Water Resources Center Operations Core</b>	

**3. PROGRAM LISTING (list programs included in this core funding)**

Water Resources

**4. FINANCIAL HISTORY**

	FY 2012 Actual	FY 2013 Actual	FY 2014 Actual	FY 2015 Current Yr.
Appropriation (All Funds)	3,534,027	3,548,288	3,551,800	3,568,280
Less Reverted (All Funds)	(88,424)	(127,538)	(142,437)	N/A
Less Restricted (All Funds)	0	0	0	N/A
Budget Authority (All Funds)	3,445,603	3,420,750	3,409,363	N/A
Actual Expenditures (All Funds)	3,255,750	3,040,109	3,188,619	N/A
Unexpended (All Funds)	189,853	380,641	220,744	N/A
Unexpended, by Fund:				
General Revenue	1,831	1,838	2,827	N/A
Federal	168,825	374,665	197,381	N/A
Other	19,197	4,138	20,536	N/A
	<b>(1)</b>	<b>(1)</b>	<b>(1)</b>	



Reverted includes Governor's standard 3 percent reserve (when applicable).

Restricted includes any extraordinary expenditure restrictions (when applicable).

Actual expenditures for all fiscal years are as of June 30 and do not include lapse period activities.

**NOTES:**

**(1)** The program continuously looks for federal funding opportunities in the areas of dam safety, water supply evaluations and other general water resources areas.

**CORE RECONCILIATION DETAIL**

**DEPARTMENT OF NATURAL RESOURCES**  
**WATER RESOURCES**

**5. CORE RECONCILIATION DETAIL**

		<b>Budget Class</b>	<b>FTE</b>	<b>GR</b>	<b>Federal</b>	<b>Other</b>	<b>Total</b>	<b>Explanation</b>
<b>TAFP AFTER VETOES</b>								
		PS	32.80	1,407,796	368,875	37,267	1,813,938	
		EE	0.00	1,569,772	184,570	0	1,754,342	
		<b>Total</b>	<b>32.80</b>	<b>2,977,568</b>	<b>553,445</b>	<b>37,267</b>	<b>3,568,280</b>	
<b>DEPARTMENT CORE ADJUSTMENTS</b>								
Core Reallocation	1447 5247	PS	0.50	0	37,267	0	37,267	Core reallocations will more closely align the budget with planned spending.
Core Reallocation	1447 7012	PS	(0.50)	0	0	(37,267)	(37,267)	Core reallocations will more closely align the budget with planned spending.
Core Reallocation	1447 5245	PS	(0.00)	0	0	0	(0)	Core reallocations will more closely align the budget with planned spending.
<b>NET DEPARTMENT CHANGES</b>			<b>(0.00)</b>	<b>0</b>	<b>37,267</b>	<b>(37,267)</b>	<b>(0)</b>	
<b>DEPARTMENT CORE REQUEST</b>								
		PS	32.80	1,407,796	406,142	0	1,813,938	
		EE	0.00	1,569,772	184,570	0	1,754,342	
		<b>Total</b>	<b>32.80</b>	<b>2,977,568</b>	<b>590,712</b>	<b>0</b>	<b>3,568,280</b>	
<b>GOVERNOR'S RECOMMENDED CORE</b>								
		PS	32.80	1,407,796	406,142	0	1,813,938	
		EE	0.00	1,569,772	184,570	0	1,754,342	
		<b>Total</b>	<b>32.80</b>	<b>2,977,568</b>	<b>590,712</b>	<b>0</b>	<b>3,568,280</b>	

**Department of Natural Resources**

**DECISION ITEM DETAIL**

Budget Unit	FY 2014	FY 2014	FY 2015	FY 2015	FY 2016	FY 2016	FY 2016	FY 2016
Decision Item	ACTUAL	ACTUAL	BUDGET	BUDGET	DEPT REQ	DEPT REQ	GOV REC	GOV REC
Budget Object Class	DOLLAR	FTE	DOLLAR	FTE	DOLLAR	FTE	DOLLAR	FTE
<b>WATER RESOURCES</b>								
<b>CORE</b>								
ADMIN OFFICE SUPPORT ASSISTANT	27,555	1.00	27,952	1.00	27,956	1.00	27,956	1.00
PUBLIC INFORMATION COOR	1,772	0.05	8,983	0.20	7,050	0.16	7,050	0.16
PLANNER IV	8,090	0.13	0	0.00	65,013	1.00	65,013	1.00
ECONOMIST	53,150	0.95	56,146	1.00	56,212	1.00	56,212	1.00
ENVIRONMENTAL ENGR II	84,041	1.78	95,251	2.00	95,258	2.00	95,258	2.00
ENVIRONMENTAL ENGR III	73,647	1.33	112,537	2.00	112,545	2.00	112,545	2.00
TECHNICAL ASSISTANT III	26,130	0.88	30,809	1.00	30,813	1.00	30,813	1.00
TECHNICAL ASSISTANT IV	70,968	2.02	72,093	2.00	72,101	2.00	72,101	2.00
GEOLOGIST I	33,389	0.90	0	0.00	0	0.00	0	0.00
GEOLOGIST II	46,191	1.00	46,673	1.00	130,097	3.00	130,097	3.00
GEOLOGIST III	7,751	0.13	59,789	1.00	0	0.00	0	0.00
CIVIL ENGR DAM SAFETY	165,005	2.96	168,806	3.00	168,817	3.00	168,817	3.00
HYDROLOGIST II	42,015	1.00	42,478	1.00	42,482	1.00	42,482	1.00
HYDROLOGIST III	163,805	3.41	228,304	3.53	143,565	1.86	143,565	1.86
HYDROLOGIST IV	165,344	2.86	168,459	2.00	180,860	3.00	180,860	3.00
DESIGN/DEVELOP/SURVEY MGR B3	140,312	2.00	141,499	2.00	141,499	2.00	141,499	2.00
ENVIRONMENTAL MGR B1	54,796	1.00	55,866	1.00	56,124	1.00	56,124	1.00
ENVIRONMENTAL MGR B2	124,921	2.00	126,037	2.00	126,037	2.00	126,037	2.00
DESIGNATED PRINCIPAL ASST DEPT	14,002	0.16	37,267	0.50	0	0.00	0	0.00
DESIGNATED PRINCIPAL ASST DIV	14,615	0.25	14,885	0.25	14,947	0.25	14,947	0.25
MISCELLANEOUS TECHNICAL	0	0.00	166,101	3.32	224,466	3.35	224,466	3.35
MISCELLANEOUS PROFESSIONAL	48,944	0.96	0	0.00	23,173	0.48	23,173	0.48
SPECIAL ASST PROFESSIONAL	67,959	1.07	106,546	2.00	47,466	0.70	47,466	0.70
SPECIAL ASST OFFICE & CLERICAL	46,969	1.00	47,457	1.00	47,457	1.00	47,457	1.00
<b>TOTAL - PS</b>	<b>1,481,371</b>	<b>28.84</b>	<b>1,813,938</b>	<b>32.80</b>	<b>1,813,938</b>	<b>32.80</b>	<b>1,813,938</b>	<b>32.80</b>
TRAVEL, IN-STATE	59,047	0.00	39,991	0.00	56,991	0.00	56,991	0.00
TRAVEL, OUT-OF-STATE	29,885	0.00	18,080	0.00	28,080	0.00	28,080	0.00
FUEL & UTILITIES	4,137	0.00	9,736	0.00	6,736	0.00	6,736	0.00
SUPPLIES	52,116	0.00	74,895	0.00	49,895	0.00	49,895	0.00
PROFESSIONAL DEVELOPMENT	29,570	0.00	21,878	0.00	36,878	0.00	36,878	0.00
COMMUNICATION SERV & SUPP	16,599	0.00	18,611	0.00	18,611	0.00	18,611	0.00
PROFESSIONAL SERVICES	1,441,572	0.00	1,510,132	0.00	1,492,653	0.00	1,492,653	0.00

**Department of Natural Resources**

**DECISION ITEM DETAIL**

Budget Unit	FY 2014	FY 2014	FY 2015	FY 2015	FY 2016	FY 2016	FY 2016	FY 2016
Decision Item	ACTUAL	ACTUAL	BUDGET	BUDGET	DEPT REQ	DEPT REQ	GOV REC	GOV REC
Budget Object Class	DOLLAR	FTE	DOLLAR	FTE	DOLLAR	FTE	DOLLAR	FTE
<b>WATER RESOURCES</b>								
<b>CORE</b>								
HOUSEKEEPING & JANITORIAL SERV	508	0.00	765	0.00	765	0.00	765	0.00
M&R SERVICES	5,627	0.00	18,203	0.00	15,203	0.00	15,203	0.00
OFFICE EQUIPMENT	1,078	0.00	3,300	0.00	3,300	0.00	3,300	0.00
OTHER EQUIPMENT	65,564	0.00	35,000	0.00	43,000	0.00	43,000	0.00
BUILDING LEASE PAYMENTS	0	0.00	1,078	0.00	0	0.00	0	0.00
EQUIPMENT RENTALS & LEASES	289	0.00	1,022	0.00	579	0.00	579	0.00
MISCELLANEOUS EXPENSES	1,256	0.00	1,651	0.00	1,651	0.00	1,651	0.00
<b>TOTAL - EE</b>	<b>1,707,248</b>	<b>0.00</b>	<b>1,754,342</b>	<b>0.00</b>	<b>1,754,342</b>	<b>0.00</b>	<b>1,754,342</b>	<b>0.00</b>
<b>GRAND TOTAL</b>	<b>\$3,188,619</b>	<b>28.84</b>	<b>\$3,568,280</b>	<b>32.80</b>	<b>\$3,568,280</b>	<b>32.80</b>	<b>\$3,568,280</b>	<b>32.80</b>
<b>GENERAL REVENUE</b>	<b>\$2,819,633</b>	<b>25.19</b>	<b>\$2,977,568</b>	<b>24.98</b>	<b>\$2,977,568</b>	<b>24.98</b>	<b>\$2,977,568</b>	<b>24.98</b>
<b>FEDERAL FUNDS</b>	<b>\$352,550</b>	<b>3.44</b>	<b>\$553,445</b>	<b>7.32</b>	<b>\$590,712</b>	<b>7.82</b>	<b>\$590,712</b>	<b>7.82</b>
<b>OTHER FUNDS</b>	<b>\$16,436</b>	<b>0.21</b>	<b>\$37,267</b>	<b>0.50</b>	<b>\$0</b>	<b>0.00</b>	<b>\$0</b>	<b>0.00</b>

## PROGRAM DESCRIPTION

**Department of Natural Resources**

**Water Resources Center**

**Program is found in the following core budget(s): Water Resources Center**

### 1. What does this program do?

Water Resources Center staff provides information for Missouri's comprehensive water needs by examining both surface and groundwater use and availability. Staff monitors and provides technical assistance regarding drought and flood conditions, prepares lake capacity and future water supply studies and utilizes data from surface and groundwater monitoring equipment to provide water quantity evaluations. Staff continues to provide guidance and technical expertise for planning and development of regional water supply projects throughout Missouri.

The Water Resources Center administers the provisions of the Missouri Dam and Reservoir Safety Law. The department regulates nonfederal, nonagricultural dams 35 feet and higher through inspections, registration and issuance of construction permits.

Other Water Resources Center staff investigates water supply issues, maintains and updates Missouri's Public Water Supply database for groundwater wells. Staff collects and distributes groundwater-level data from a statewide network of observation wells, evaluates public water supply wells, provides casing and total depth specifications, responds to public inquiries on a variety of water issues, advises communities on aquifer locations and contamination potential and provides assistance with spring recharge studies. Hydrologists and engineers perform complex analyses to determine the benefits or adverse impact of interstate river operations and resultant water quantity impacts for the state of Missouri. Staff provides analytical support on legal challenges and is involved in negotiations with other states on water quantity issues. This effort has been intensified due to proposed water diversions and studies focused on the Missouri River basin that are intended to justify changing the management of the river to benefit upper basin states at the expense of Missouri.

### 2. What is the authorization for this program, i.e., federal or state statute, etc.? (Include the federal program number, if applicable.)

RSMo 236.400-236.500	Dam, Mills and Electric Power
RSMo 256.170	Geologic Hazard Assessment
RSMo 256.060	Survey of water resources of state
RSMo 256.200	Commission to collect and coordinate water data
RSMo 256.400-256.430	Water Usage Law, users to file registration
RSMo 256.435-256.445	Multipurpose Water Resource Act
RSMo 640.400-640.430	Negotiation of interstate compacts, surface and groundwater monitoring, state water resources plan and annual report and special water protection areas
RSMo Chapter 257	Water Conservancy Districts

**PROGRAM DESCRIPTION**

**Department of Natural Resources**  
**Water Resources Center**  
**Program is found in the following core budget(s): Water Resources Center**

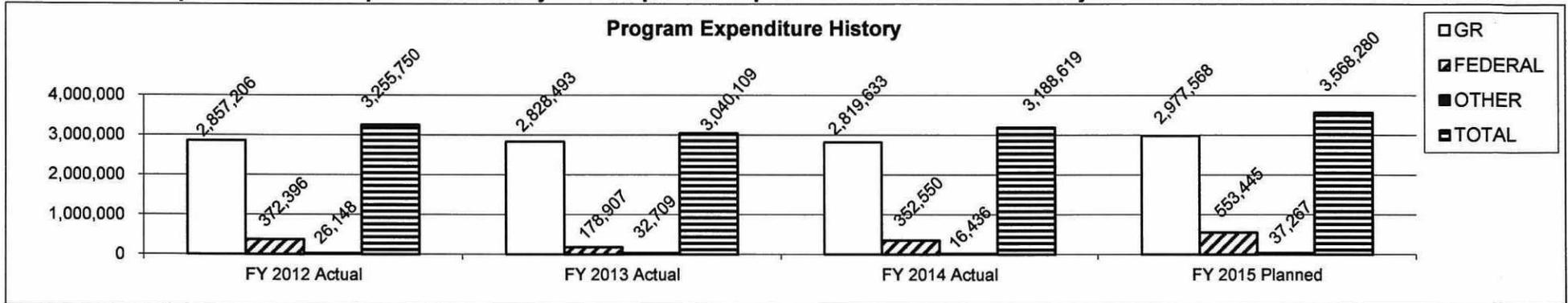
**3. Are there federal matching requirements? If yes, please explain.**

National Dam Safety Assistance Award	100% Federal
Wetland Program Development Grant	75% Federal
Drinking Water State Revolving Fund Capitalization Grant	20% State/Local (EPA)

**4. Is this a federally mandated program? If yes, please explain.**

No

**5. Provide actual expenditures for the prior three fiscal years and planned expenditures for the current fiscal year.**



Notes: Actual expenditures for all fiscal years are as of June 30 and do not include lapse period activities. FY 2015 Planned is shown at full appropriation.

**6. What are the sources of the "Other " funds?**

DNR Cost Allocation Fund (0500)

**PROGRAM DESCRIPTION**

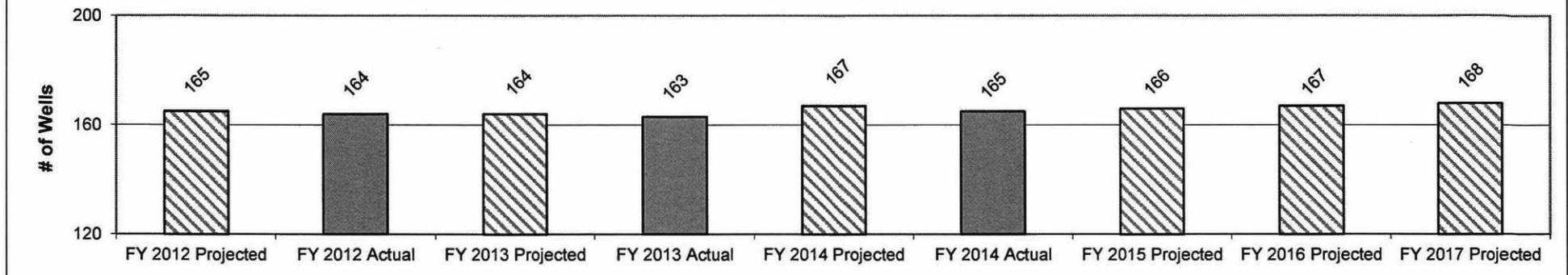
**Department of Natural Resources**

**Water Resources Center**

**Program is found in the following core budget(s): Water Resources Center**

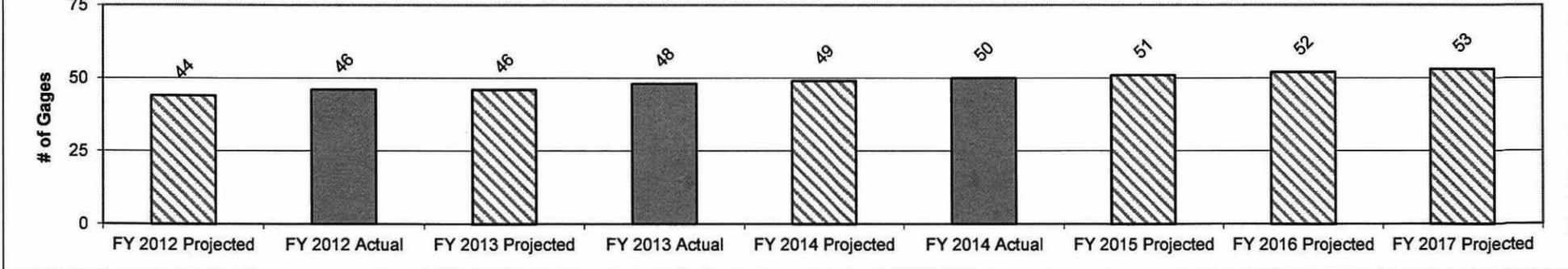
**7a. Provide an effectiveness measure.**

**Groundwater Monitoring Wells**



Note: The Water Resources Center monitors Missouri's various aquifers statewide. Missouri is a national leader in monitoring groundwater levels and has added wells in areas of emerging resource concern.

**Stream Gages for Surface Water Monitoring**



Note: Our staff uses this data for monitoring drought, flooding and various hydrologic conditions. In addition, several gages are used to monitor water supplies in drinking water reservoirs.

**PROGRAM DESCRIPTION**

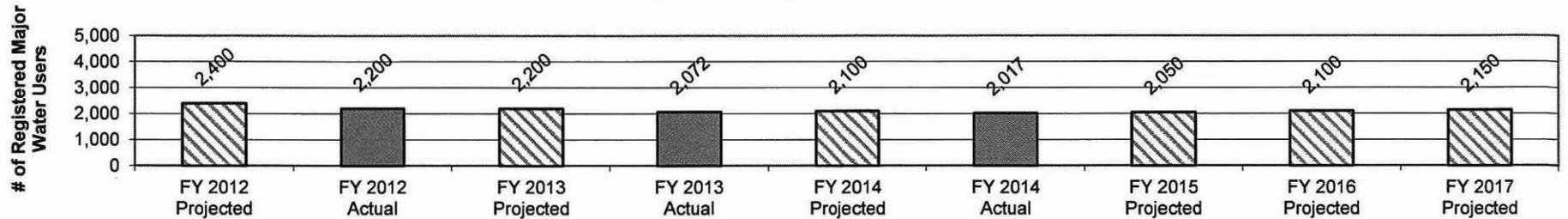
**Department of Natural Resources**

**Water Resources Center**

**Program is found in the following core budget(s): Water Resources Center**

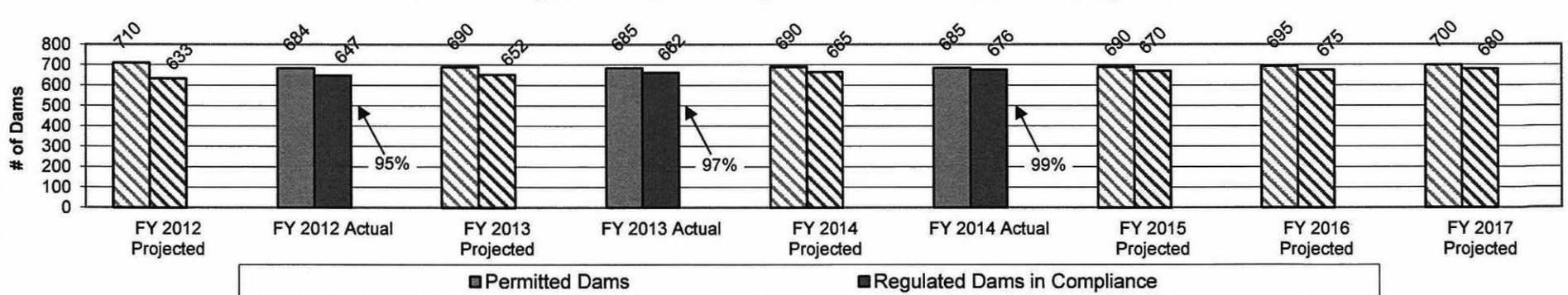
**7a. Provide an effectiveness measure. (continued)**

**Registered Major Water Users**



Note: Water use data is collected from any entity with the capability of withdrawing 70 gallons per minute (100,000 gallons per day) or greater from any water source. Our staff uses this data to study water usage trends and estimate current and future water needs statewide.

**Number of Regulated Dams in Compliance with Missouri's Dam Safety Law**



In recent years, over 95% of regulated dams are in compliance with Missouri's Dam Safety Law upon initial inspection. Dams "not in compliance" are likely awaiting a reinspection and permit issuance based on a deficiency that was noted during a previous inspection.

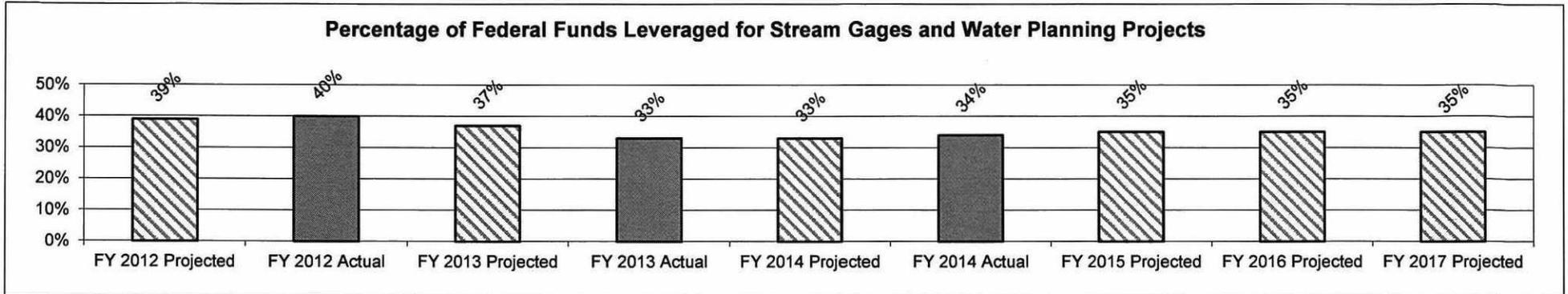
**PROGRAM DESCRIPTION**

**Department of Natural Resources**

**Water Resources Center**

**Program is found in the following core budget(s): Water Resources Center**

**7b. Provide an efficiency measure.**



Note: The United States Geological Survey provides matching funds for the installation of new stream gage sites, the ongoing operation and maintenance of the network and several hydrologic studies. In addition, the U.S. Corps of Engineers provides matching funds to conduct regional water development studies. Without these federal matching funds the state would not be able to fully support these efforts.

**7c. Provide the number of clients/individuals served, if applicable.**

Number of Missourians served by protecting the quantity of water in the Missouri River for water supply purposes.

	FY 2008	FY 2009	FY 2010	FY 2011	FY 2012	FY 2013	FY 2014
Individuals using Missouri River for drinking water	2,840,541	2,935,524	2,930,971	2,886,610	2,933,183	3,162,563	2,923,482

Note: Of the community water system population in Missouri, approximately 54.4% rely on the Missouri River as a source of drinking water. Other benefits of the program's work to ensure the Missouri River has adequate flow include: recreation, agriculture (irrigation and livestock), flood control, fish and wildlife, water commerce and industrial usage.

**7d. Provide a customer satisfaction measure, if available.**

Not available

**Department of Natural Resources**

**DECISION ITEM SUMMARY**

Budget Unit									
Decision Item	FY 2014	FY 2014	FY 2015	FY 2015	FY 2016	FY 2016	FY 2016	FY 2016	FY 2016
Budget Object Summary	ACTUAL	ACTUAL	BUDGET	BUDGET	DEPT REQ	DEPT REQ	GOV REC	GOV REC	GOV REC
Fund	DOLLAR	FTE	DOLLAR	FTE	DOLLAR	FTE	DOLLAR	FTE	FTE
<b>CLARENCE CANNON TRANSFER</b>									
<b>CORE</b>									
FUND TRANSFERS									
GENERAL REVENUE	606,594	0.00	465,795	0.00	423,328	0.00	423,328	0.00	0.00
TOTAL - TRF	606,594	0.00	465,795	0.00	423,328	0.00	423,328	0.00	0.00
<b>TOTAL</b>	<b>606,594</b>	<b>0.00</b>	<b>465,795</b>	<b>0.00</b>	<b>423,328</b>	<b>0.00</b>	<b>423,328</b>	<b>0.00</b>	<b>0.00</b>
<b>GRAND TOTAL</b>	<b>\$606,594</b>	<b>0.00</b>	<b>\$465,795</b>	<b>0.00</b>	<b>\$423,328</b>	<b>0.00</b>	<b>\$423,328</b>	<b>0.00</b>	<b>0.00</b>

**CORE DECISION ITEM**

<b>Department of Natural Resources</b>	<b>Budget Unit</b> <u>78851C</u>
<b>Water Resources</b>	
<b>Clarence Cannon Dam Transfer</b>	

**1. CORE FINANCIAL SUMMARY**

	FY 2016 Budget Request				FY 2016 Governor's Recommendation			
	GR	Federal	Other	Total	GR	Fed	Other	Total
PS	0	0	0	0	0	0	0	0
EE	0	0	0	0	0	0	0	0
PSD	0	0	0	0	0	0	0	0
TRF	423,328	0	0	423,328	423,328	0	0	423,328
<b>Total</b>	<b>423,328</b>	<b>0</b>	<b>0</b>	<b>423,328</b>	<b>423,328</b>	<b>0</b>	<b>0</b>	<b>423,328</b>
FTE	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

<b>Est. Fringe</b>	0	0	0	0
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*Note: Fringes budgeted in House Bill 5 except for certain fringes budgeted directly to MoDOT, Highway Patrol, and Conservation.*

<b>Est. Fringe</b>	0	0	0	0
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*Note: Fringes budgeted in House Bill 5 except for certain fringes budgeted directly to MoDOT, Highway Patrol, and Conservation.*

Other Funds: Not applicable

Core Reallocation: The FY 2016 budget request includes a core reallocation of \$42,467 in General Revenue to the Missouri Geological Survey.

**2. CORE DESCRIPTION**

This core is the transfer from General Revenue to the Water Development Fund for the cost of water supply storage, pursuant to the Cannon Water Contract. The FY 2016 budget will pay the FFY 2014 water supply storage expenses. The state's payment obligation will be completed by March 2038.

**3. PROGRAM LISTING (list programs included in this core funding)**

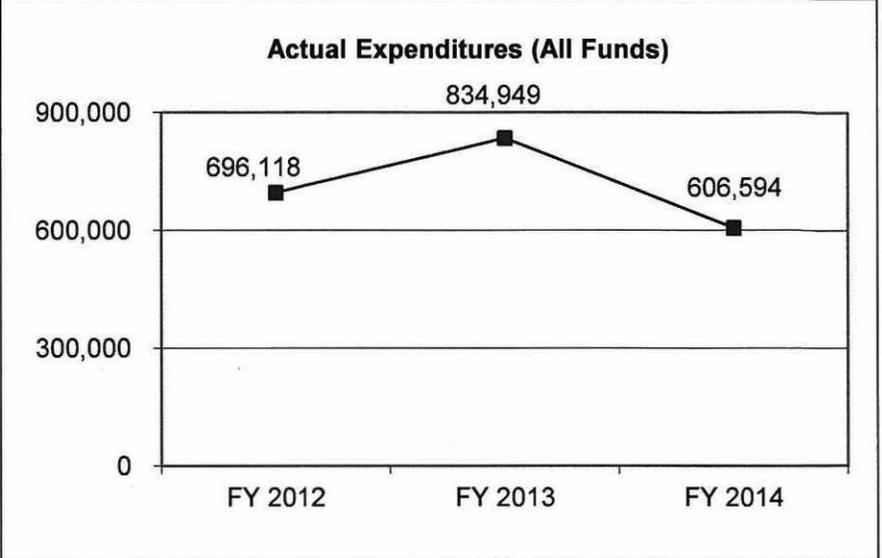
Clarence Cannon Dam

**CORE DECISION ITEM**

<b>Department of Natural Resources</b>	<b>Budget Unit</b> <u>78851C</u>
<b>Water Resources</b>	
<b>Clarence Cannon Dam Transfer</b>	

**4. FINANCIAL HISTORY**

	FY 2012 Actual	FY 2013 Actual	FY 2014 Actual	FY 2015 Current Yr.
Appropriation (All Funds)	696,118	929,656	626,124	465,795
Less Reverted (All Funds)	0	(27,890)	(18,784)	N/A
Less Restricted (All Funds)	0	0	0	N/A
Budget Authority (All Funds)	696,118	901,766	607,340	N/A
Actual Expenditures (All Funds)	696,118	834,949	606,594	N/A
Unexpended (All Funds)	0	66,817	746	N/A
Unexpended, by Fund:				
General Revenue	0	66,817	746	N/A
Federal	0	0	0	N/A
Other	0	0	0	N/A
		(1)	(1)	



Reverted includes Governor's standard 3 percent reserve (when applicable).  
 Restricted includes any extraordinary expenditure restrictions (when applicable).  
 Actual expenditures for all fiscal years are as of June 30 and do not include lapse period activities.

**NOTES:**

(1) Lapse is due to the estimated billing being more than the actual invoice received.

**CORE RECONCILIATION DETAIL**

**DEPARTMENT OF NATURAL RESOURCES**  
**CLARENCE CANNON TRANSFER**

**5. CORE RECONCILIATION DETAIL**

	<b>Budget Class</b>	<b>FTE</b>	<b>GR</b>	<b>Federal</b>	<b>Other</b>	<b>Total</b>	<b>Explanation</b>
<b>TAFP AFTER VETOES</b>							
	TRF	0.00	465,795	0	0	465,795	
	<b>Total</b>	<b>0.00</b>	<b>465,795</b>	<b>0</b>	<b>0</b>	<b>465,795</b>	
<b>DEPARTMENT CORE ADJUSTMENTS</b>							
Core Reallocation	1450 T117 TRF	0.00	(42,467)	0	0	(42,467)	Core reallocation will align the budget with planned spending.
<b>NET DEPARTMENT CHANGES</b>		<b>0.00</b>	<b>(42,467)</b>	<b>0</b>	<b>0</b>	<b>(42,467)</b>	
<b>DEPARTMENT CORE REQUEST</b>							
	TRF	0.00	423,328	0	0	423,328	
	<b>Total</b>	<b>0.00</b>	<b>423,328</b>	<b>0</b>	<b>0</b>	<b>423,328</b>	
<b>GOVERNOR'S RECOMMENDED CORE</b>							
	TRF	0.00	423,328	0	0	423,328	
	<b>Total</b>	<b>0.00</b>	<b>423,328</b>	<b>0</b>	<b>0</b>	<b>423,328</b>	

**Department of Natural Resources**

**DECISION ITEM DETAIL**

Budget Unit	FY 2014	FY 2014	FY 2015	FY 2015	FY 2016	FY 2016	FY 2016	FY 2016
Decision Item	ACTUAL	ACTUAL	BUDGET	BUDGET	DEPT REQ	DEPT REQ	GOV REC	GOV REC
Budget Object Class	DOLLAR	FTE	DOLLAR	FTE	DOLLAR	FTE	DOLLAR	FTE
<b>CLARENCE CANNON TRANSFER</b>								
<b>CORE</b>								
TRANSFERS OUT	606,594	0.00	465,795	0.00	423,328	0.00	423,328	0.00
TOTAL - TRF	606,594	0.00	465,795	0.00	423,328	0.00	423,328	0.00
<b>GRAND TOTAL</b>	<b>\$606,594</b>	<b>0.00</b>	<b>\$465,795</b>	<b>0.00</b>	<b>\$423,328</b>	<b>0.00</b>	<b>\$423,328</b>	<b>0.00</b>
GENERAL REVENUE	\$606,594	0.00	\$465,795	0.00	\$423,328	0.00	\$423,328	0.00
FEDERAL FUNDS	\$0	0.00	\$0	0.00	\$0	0.00	\$0	0.00
OTHER FUNDS	\$0	0.00	\$0	0.00	\$0	0.00	\$0	0.00

**Department of Natural Resources**

**DECISION ITEM SUMMARY**

Budget Unit	FY 2014	FY 2014	FY 2015	FY 2015	FY 2016	FY 2016	FY 2016	FY 2016
Decision Item	ACTUAL	ACTUAL	BUDGET	BUDGET	DEPT REQ	DEPT REQ	GOV REC	GOV REC
Budget Object Summary	DOLLAR	FTE	DOLLAR	FTE	DOLLAR	FTE	DOLLAR	FTE
Fund								
<b>CLARENCE CANNON PAYMENT</b>								
<b>CORE</b>								
<b>EXPENSE &amp; EQUIPMENT</b>								
MO WATER DEVELOPMENT	606,593	0.00	465,795	0.00	423,328	0.00	423,328	0.00
TOTAL - EE	606,593	0.00	465,795	0.00	423,328	0.00	423,328	0.00
<b>TOTAL</b>	<b>606,593</b>	<b>0.00</b>	<b>465,795</b>	<b>0.00</b>	<b>423,328</b>	<b>0.00</b>	<b>423,328</b>	<b>0.00</b>
<b>GRAND TOTAL</b>	<b>\$606,593</b>	<b>0.00</b>	<b>\$465,795</b>	<b>0.00</b>	<b>\$423,328</b>	<b>0.00</b>	<b>\$423,328</b>	<b>0.00</b>

**CORE DECISION ITEM**

<b>Department of Natural Resources</b>	<b>Budget Unit</b> <u>78852C</u>
<b>Water Resources</b>	
<b>Clarence Cannon Dam Payment</b>	

**1. CORE FINANCIAL SUMMARY**

	FY 2016 Budget Request					FY 2016 Governor's Recommendation			
	GR	Federal	Other	Total		GR	Fed	Other	Total
PS	0	0	0	0	PS	0	0	0	0
EE	0	0	423,328	423,328	EE	0	0	423,328	423,328
PSD	0	0	0	0	PSD	0	0	0	0
TRF	0	0	0	0	TRF	0	0	0	0
<b>Total</b>	<b>0</b>	<b>0</b>	<b>423,328</b>	<b>423,328</b>	<b>Total</b>	<b>0</b>	<b>0</b>	<b>423,328</b>	<b>423,328</b>
FTE	0.00	0.00	0.00	0.00	FTE	0.00	0.00	0.00	0.00

<b>Est. Fringe</b>	0	0	0	0
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*Note: Fringes budgeted in House Bill 5 except for certain fringes budgeted directly to MoDOT, Highway Patrol, and Conservation.*

<b>Est. Fringe</b>	0	0	0	0
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*Note: Fringes budgeted in House Bill 5 except for certain fringes budgeted directly to MoDOT, Highway Patrol, and Conservation.*

Other Funds: Water Development Fund (0174)

Core Reduction: The FY 2016 budget request includes a core reduction of \$42,467 in Other Funds expense and equipment authority.

**2. CORE DESCRIPTION**

The Water Development Fund is used to make the invoiced payment for the cost of water supply storage, pursuant to the Cannon Water Contract. The FY 2016 budget will pay the FFY 2014 water supply storage expenses. The state's payment obligation will be completed by March 2038.

**3. PROGRAM LISTING (list programs included in this core funding)**

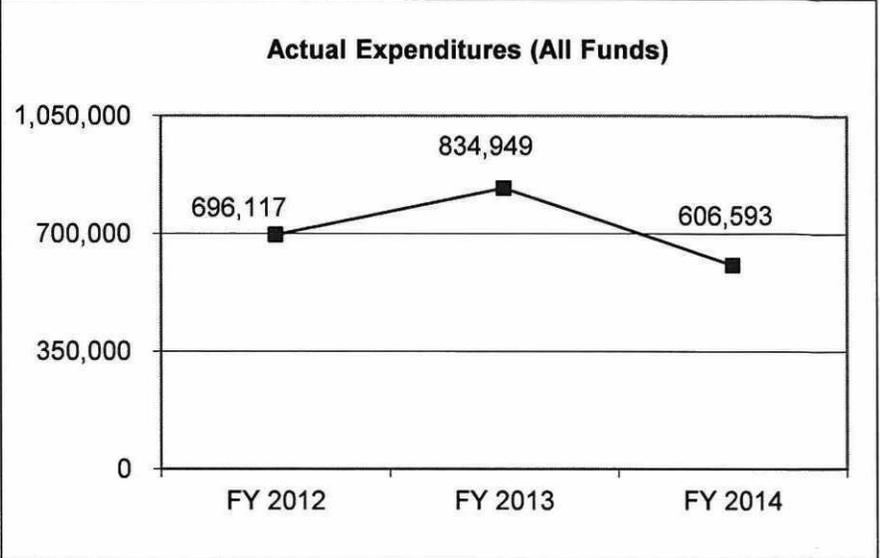
Clarence Cannon Dam

**CORE DECISION ITEM**

<b>Department of Natural Resources</b>	<b>Budget Unit</b> <u>78852C</u>
<b>Water Resources</b>	
<b>Clarence Cannon Dam Payment</b>	

**4. FINANCIAL HISTORY**

	<u>FY 2012 Actual</u>	<u>FY 2013 Actual</u>	<u>FY 2014 Actual</u>	<u>FY 2015 Current Yr.</u>
Appropriation (All Funds)	696,118	929,656	626,124	465,795
Less Reverted (All Funds)	0	0	0	N/A
Less Restricted (All Funds)	0	0	0	N/A
Budget Authority (All Funds)	696,118	929,656	626,124	N/A
Actual Expenditures (All Funds)	696,117	834,949	606,593	N/A
Unexpended (All Funds)	1	94,707	19,531	N/A
<b>Unexpended, by Fund:</b>				
General Revenue	0	0	0	N/A
Federal	0	0	0	N/A
Other	1	94,707	19,531	N/A
	<b>(1)</b>	<b>(1)</b>	<b>(1)</b>	



Reverted includes Governor's standard 3 percent reserve (when applicable).  
 Restricted includes any extraordinary expenditure restrictions (when applicable).  
 Actual expenditures for all fiscal years are as of June 30 and do not include lapse period activities.

**NOTES:**

**(1)** Lapse is due to the estimated billing being more than the actual invoice received.

**CORE RECONCILIATION DETAIL**

**DEPARTMENT OF NATURAL RESOURCES**  
**CLARENCE CANNON PAYMENT**

**5. CORE RECONCILIATION DETAIL**

	Budget Class	FTE	GR	Federal	Other	Total	Explanation
<b>TAFP AFTER VETOES</b>							
	EE	0.00	0	0	465,795	465,795	
	<b>Total</b>	<b>0.00</b>	<b>0</b>	<b>0</b>	<b>465,795</b>	<b>465,795</b>	
<b>DEPARTMENT CORE ADJUSTMENTS</b>							
Core Reduction	1451 2916 EE	0.00	0	0	(42,467)	(42,467)	Core reduction will more closely align the budget with planned spending.
<b>NET DEPARTMENT CHANGES</b>		<b>0.00</b>	<b>0</b>	<b>0</b>	<b>(42,467)</b>	<b>(42,467)</b>	
<b>DEPARTMENT CORE REQUEST</b>							
	EE	0.00	0	0	423,328	423,328	
	<b>Total</b>	<b>0.00</b>	<b>0</b>	<b>0</b>	<b>423,328</b>	<b>423,328</b>	
<b>GOVERNOR'S RECOMMENDED CORE</b>							
	EE	0.00	0	0	423,328	423,328	
	<b>Total</b>	<b>0.00</b>	<b>0</b>	<b>0</b>	<b>423,328</b>	<b>423,328</b>	

**Department of Natural Resources**

**DECISION ITEM DETAIL**

Budget Unit	FY 2014	FY 2014	FY 2015	FY 2015	FY 2016	FY 2016	FY 2016	FY 2016
Decision Item	ACTUAL	ACTUAL	BUDGET	BUDGET	DEPT REQ	DEPT REQ	GOV REC	GOV REC
Budget Object Class	DOLLAR	FTE	DOLLAR	FTE	DOLLAR	FTE	DOLLAR	FTE
<b>CLARENCE CANNON PAYMENT</b>								
<b>CORE</b>								
MISCELLANEOUS EXPENSES	606,593	0.00	465,795	0.00	423,328	0.00	423,328	0.00
TOTAL - EE	606,593	0.00	465,795	0.00	423,328	0.00	423,328	0.00
<b>GRAND TOTAL</b>	<b>\$606,593</b>	<b>0.00</b>	<b>\$465,795</b>	<b>0.00</b>	<b>\$423,328</b>	<b>0.00</b>	<b>\$423,328</b>	<b>0.00</b>
GENERAL REVENUE	\$0	0.00	\$0	0.00	\$0	0.00	\$0	0.00
FEDERAL FUNDS	\$0	0.00	\$0	0.00	\$0	0.00	\$0	0.00
OTHER FUNDS	\$606,593	0.00	\$465,795	0.00	\$423,328	0.00	\$423,328	0.00

**PROGRAM DESCRIPTION**

**Department of Natural Resources**

**Water Resources**

**Program is found in the following core budget(s): Clarence Cannon Dam Transfer and Payment**

**1. What does this program do?**

The U.S. Army Corps of Engineers and the State of Missouri entered into a contract in 1988 obligating the state to repay the Corps of Engineers for building a 20,000 acre-feet water supply storage into the Clarence Cannon Dam and Mark Twain Lake project. The payment is limited to 3.22% interest and a portion of the overall project's operation and maintenance expenses. The FY 2016 budget will pay the FFY 2014 water supply storage interest and operations and maintenance expenses. The Clarence Cannon Wholesale Water Commission markets and develops water from the Mark Twain Lake and has been conveyed additional water storage rights.

**2. What is the authorization for this program, i.e., federal or state statute, etc.? (Include the federal program number, if applicable.)**

PL 87-874	Water Supply Act of 1958, as amended
RSMo 256.290	Missouri Water Development Fund
RSMo 393.700-770	Clarence Cannon Wholesale Water Commission

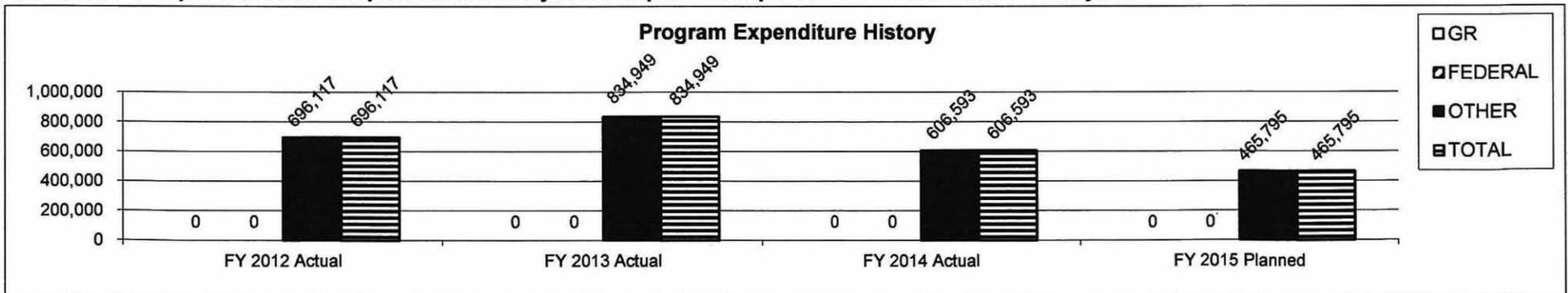
**3. Are there federal matching requirements? If yes, please explain.**

No

**4. Is this a federally mandated program? If yes, please explain.**

No, although the contract contains a provision that if funds are not appropriated for the repayment of the contract amount, the contract will be terminated and control of the water supply storage will revert to the Corps of Engineers. The state would be considered in default of the obligation which could adversely affect the State's bond rating.

**5. Provide actual expenditures for the prior three fiscal years and planned expenditures for the current fiscal year.**



Notes: Actual expenditures for all fiscal years are as of June 30 and do not include lapse period activities. FY 2015 Planned is shown at full appropriation.

**PROGRAM DESCRIPTION**

**Department of Natural Resources**

**Water Resources**

**Program is found in the following core budget(s): Clarence Cannon Dam Transfer and Payment**

**6. What are the sources of the "Other " funds?**

Water Development Fund (0174)

Cash is transferred from General Revenue to the Water Development Fund for payment to the Corps of Engineers.

**7a. Provide an effectiveness measure.**

Compliance with the contract between U.S. Army Corps of Engineers and the State of Missouri, and statutes.

The Clarence Cannon Wholesale Water Commission (CCWWC) serves a total of 73,061 citizens; 70,682 buy directly from CCWWC and another 2,354 buy from systems purchasing from CCWWC.

**7b. Provide an efficiency measure.**

Not available

**7c. Provide the number of clients/individuals served, if applicable.**

Not available

**7d. Provide a customer satisfaction measure, if available.**

Not available

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**Department of Natural Resources**

**DECISION ITEM SUMMARY**

Budget Unit								
Decision Item	FY 2014	FY 2014	FY 2015	FY 2015	FY 2016	FY 2016	FY 2016	FY 2016
Budget Object Summary	ACTUAL	ACTUAL	BUDGET	BUDGET	DEPT REQ	DEPT REQ	GOV REC	GOV REC
Fund	DOLLAR	FTE	DOLLAR	FTE	DOLLAR	FTE	DOLLAR	FTE
<b>SOIL &amp; WATER CONSERVATION</b>								
<b>CORE</b>								
PERSONAL SERVICES								
SOIL AND WATER SALES TAX	1,126,499	25.71	1,367,074	32.86	1,367,074	32.86	1,367,074	32.86
TOTAL - PS	1,126,499	25.71	1,367,074	32.86	1,367,074	32.86	1,367,074	32.86
EXPENSE & EQUIPMENT								
SOIL AND WATER SALES TAX	292,500	0.00	629,982	0.00	629,982	0.00	629,982	0.00
TOTAL - EE	292,500	0.00	629,982	0.00	629,982	0.00	629,982	0.00
<b>TOTAL</b>	<b>1,418,999</b>	<b>25.71</b>	<b>1,997,056</b>	<b>32.86</b>	<b>1,997,056</b>	<b>32.86</b>	<b>1,997,056</b>	<b>32.86</b>
<b>Pay Plan FY15-Cost to Continue - 0000014</b>								
PERSONAL SERVICES								
SOIL AND WATER SALES TAX	0	0.00	0	0.00	7,369	0.00	7,369	0.00
TOTAL - PS	0	0.00	0	0.00	7,369	0.00	7,369	0.00
<b>TOTAL</b>	<b>0</b>	<b>0.00</b>	<b>0</b>	<b>0.00</b>	<b>7,369</b>	<b>0.00</b>	<b>7,369</b>	<b>0.00</b>
<b>GRAND TOTAL</b>	<b>\$1,418,999</b>	<b>25.71</b>	<b>\$1,997,056</b>	<b>32.86</b>	<b>\$2,004,425</b>	<b>32.86</b>	<b>\$2,004,425</b>	<b>32.86</b>

**Department of Natural Resources**

**DECISION ITEM SUMMARY**

Budget Unit								
Decision Item	FY 2014	FY 2014	FY 2015	FY 2015	FY 2016	FY 2016	FY 2016	FY 2016
Budget Object Summary	ACTUAL	ACTUAL	BUDGET	BUDGET	DEPT REQ	DEPT REQ	GOV REC	GOV REC
Fund	DOLLAR	FTE	DOLLAR	FTE	DOLLAR	FTE	DOLLAR	FTE
<b>SOIL &amp; WATER CONSERVATION PSD</b>								
<b>CORE</b>								
<b>EXPENSE &amp; EQUIPMENT</b>								
DEPT NATURAL RESOURCES	4,830	0.00	400,000	0.00	400,000	0.00	400,000	0.00
SOIL AND WATER SALES TAX	0	0.00	36,750	0.00	36,750	0.00	36,750	0.00
TOTAL - EE	4,830	0.00	436,750	0.00	436,750	0.00	436,750	0.00
<b>PROGRAM-SPECIFIC</b>								
DEPT NATURAL RESOURCES	48,982	0.00	600,000	0.00	600,000	0.00	600,000	0.00
SOIL AND WATER SALES TAX	33,832,806	0.00	43,893,820	0.00	43,893,820	0.00	43,893,820	0.00
TOTAL - PD	33,881,788	0.00	44,493,820	0.00	44,493,820	0.00	44,493,820	0.00
<b>TOTAL</b>	<b>33,886,618</b>	<b>0.00</b>	<b>44,930,570</b>	<b>0.00</b>	<b>44,930,570</b>	<b>0.00</b>	<b>44,930,570</b>	<b>0.00</b>
<b>GRAND TOTAL</b>	<b>\$33,886,618</b>	<b>0.00</b>	<b>\$44,930,570</b>	<b>0.00</b>	<b>\$44,930,570</b>	<b>0.00</b>	<b>\$44,930,570</b>	<b>0.00</b>

**CORE DECISION ITEM**

<b>Department of Natural Resources</b>	<b>Budget Unit</b> <u>78850C, 79435C</u>
<b>Soil and Water Conservation Program</b>	
<b>Soil and Water Conservation Core</b>	

**1. CORE FINANCIAL SUMMARY**

	<b>FY 2016 Budget Request</b>			
	<b>GR</b>	<b>Federal</b>	<b>Other</b>	<b>Total</b>
<b>PS</b>	0	0	1,367,074	1,367,074
<b>EE</b>	0	400,000	666,732	1,066,732
<b>PSD</b>	0	600,000	43,893,820	44,493,820
<b>Total</b>	<b>0</b>	<b>1,000,000</b>	<b>45,927,626</b>	<b>46,927,626</b>
<b>FTE</b>	<b>0.00</b>	<b>0.00</b>	<b>32.86</b>	<b>32.86</b>

	<b>FY 2016 Governor's Recommendation</b>			
	<b>GR</b>	<b>Fed</b>	<b>Other</b>	<b>Total</b>
<b>PS</b>	0	0	1,367,074	1,367,074
<b>EE</b>	0	400,000	666,732	1,066,732
<b>PSD</b>	0	600,000	43,893,820	44,493,820
<b>Total</b>	<b>0</b>	<b>1,000,000</b>	<b>45,927,626</b>	<b>46,927,626</b>
<b>FTE</b>	<b>0.00</b>	<b>0.00</b>	<b>32.86</b>	<b>32.86</b>

<b>Est. Fringe</b>	0	0	654,828	654,828
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*Note: Fringes budgeted in House Bill 5 except for certain fringes budgeted directly to MoDOT, Highway Patrol, and Conservation.*

<b>Est. Fringe</b>	0	0	654,828	654,828
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*Note: Fringes budgeted in House Bill 5 except for certain fringes budgeted directly to MoDOT, Highway Patrol, and Conservation.*

Other Funds: Soil and Water Sales Tax Fund (0614)

**Core Reallocations:** The FY 2016 budget request includes core reallocations of \$600,000 from the Special Area Land Treatment (SALT) PSD for the Conservation Monitoring Program (\$400,000) and for research projects (\$200,000).

**2. CORE DESCRIPTION**

The Soil and Water Conservation Program (SWCP) and Soil and Water Districts Commission provide leadership and support to the 114 local Soil and Water Conservation Districts (SWCDs) throughout the state. The SWCP staff is responsible for the administration of the Cost-Share, Agricultural Nonpoint Source Special Area Land Treatment (AgNPS SALT), Conservation Monitoring, and District Grant programs as well as various research and planning projects. The SWCP staff administers the conservation programs through the SWCDs for the control and reduction of soil erosion on agricultural land and in protection of water resources; provides direct assistance in training, education, accounting/auditing, information technology and public information programs to the districts; and provides administrative support for the Commission activities involving stakeholders and partners on the local, state and national level. Through all of these activities, approximately \$40 million is available for the installation of soil and water conservation practices on agricultural land and to support the operation of each district.

**CORE DECISION ITEM**

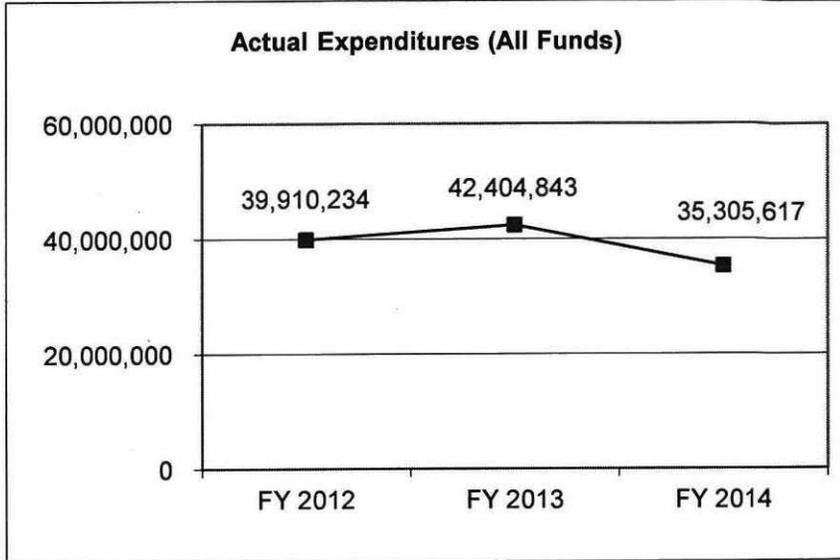
<b>Department of Natural Resources</b>	<b>Budget Unit</b> <u>78850C, 79435C</u>
<b>Soil and Water Conservation Program</b>	
<b>Soil and Water Conservation Core</b>	
<b>2. CORE DESCRIPTION (continued)</b>	
<p>The <u>Soil and Water Conservation Program Specific Distribution (PSD)</u> appropriations consist of financial assistance programs including Cost-Share, AgNPS SALT, District Grant Program, Conservation Monitoring Program, and grants to colleges and universities for soil and water conservation research. There is also appropriation authority to pass through federal funding for demonstration or technical assistance projects as funding allows. Our conservation programs and Soil and Water Conservation Districts are locally and nationally acclaimed as a very successful means to help reduce soil erosion and address water quality problems on agricultural land using voluntary programs throughout the state. Missouri's initiatives in these areas are recognized nationwide as models for other states.</p> <p>Costs of these conservation practices are such that most landowners could not implement them without the financial incentives and technical assistance from the Parks, Soils and Water Sales Tax.</p>	
<b>3. PROGRAM LISTING (list programs included in this core funding)</b>	
Soil and Water Conservation Program	

**CORE DECISION ITEM**

<b>Department of Natural Resources</b>	<b>Budget Unit 78850C, 79435C</b>
<b>Soil and Water Conservation Program</b>	
<b>Soil and Water Conservation Core</b>	

**4. FINANCIAL HISTORY**

	FY 2012 Actual	FY 2013 Actual	FY 2014 Actual	FY 2015 Current Yr.
Appropriation (All Funds) (1 & 2)	43,413,831	49,454,667	44,663,176	46,927,626
Less Reverted (All Funds)	0	0	0	N/A
Less Restricted (All Funds)	0	0	0	N/A
Budget Authority (All Funds)	43,413,831	49,454,667	44,663,176	N/A
Actual Expenditures (All Funds)	39,910,234	42,404,843	35,305,617	N/A
Unexpended (All Funds)	3,503,597	7,049,824	9,357,559	N/A
Unexpended, by Fund:				
General Revenue	0	0	0	N/A
Federal	100,000	72,595	946,188	N/A
Other	3,403,597	6,977,229	8,411,371	N/A
	(1)	(1)	(1)	



Reverted includes Governor's standard 3 percent reserve (when applicable).  
 Restricted includes any extraordinary expenditure restrictions (when applicable).  
 Actual expenditures for all fiscal years are as of June 30 and do not include lapse period activities.

**NOTES:**  
**(1)** Financial data includes operating and pass-through appropriations. In many cases, pass-through appropriations are set at a level to encumber and pay our commitments, which often span multiple fiscal years causing high unexpended balances.  
**(2)** FY 2015 PSD core appropriations are as follows: Demonstration Projects and Technical Assistance at \$1,000,000; Grants to Districts at \$11,680,570; Cost-Share at \$31,000,000; Conservation Monitoring Program at \$250,000; Special Area Land Treatment at \$800,000; and Research Grants at \$200,000.

**CORE DECISION ITEM**

<b>Department of Natural Resources</b>	<b>Budget Unit</b> <u>78850C, 79435C</u>
<b>Soil and Water Conservation Program</b>	
<b>Soil and Water Conservation Core</b>	

**4. FINANCIAL HISTORY (continued)**

Soil and Water Conservation Core - Reconciliation

	<b>FY 2012</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>
	<b>Actual</b>	<b>Actual</b>	<b>Actual</b>	<b>Current</b>	<b>Gov Rec</b>
Soil and Water Conservation Operations (78850C)	1,618,339	1,598,333	1,418,999	1,997,056	1,997,056
Soil and Water Conservation PSDs (79435C)	38,291,895	40,806,510	33,886,618	44,930,570	44,930,570
Total	39,910,234	42,404,843	35,305,617	46,927,626	46,927,626

**CORE RECONCILIATION DETAIL**

**DEPARTMENT OF NATURAL RESOURCES**  
**SOIL & WATER CONSERVATION**

**5. CORE RECONCILIATION DETAIL**

	<b>Budget Class</b>	<b>FTE</b>	<b>GR</b>	<b>Federal</b>	<b>Other</b>	<b>Total</b>	<b>Explanation</b>
<b>TAFP AFTER VETOES</b>							
	PS	32.86	0	0	1,367,074	1,367,074	
	EE	0.00	0	0	629,982	629,982	
	<b>Total</b>	<b>32.86</b>	<b>0</b>	<b>0</b>	<b>1,997,056</b>	<b>1,997,056</b>	
<b>DEPARTMENT CORE REQUEST</b>							
	PS	32.86	0	0	1,367,074	1,367,074	
	EE	0.00	0	0	629,982	629,982	
	<b>Total</b>	<b>32.86</b>	<b>0</b>	<b>0</b>	<b>1,997,056</b>	<b>1,997,056</b>	
<b>GOVERNOR'S RECOMMENDED CORE</b>							
	PS	32.86	0	0	1,367,074	1,367,074	
	EE	0.00	0	0	629,982	629,982	
	<b>Total</b>	<b>32.86</b>	<b>0</b>	<b>0</b>	<b>1,997,056</b>	<b>1,997,056</b>	

**CORE RECONCILIATION DETAIL**

**DEPARTMENT OF NATURAL RESOURCES  
SOIL & WATER CONSERVATION PSD**

**5. CORE RECONCILIATION DETAIL**

			<b>Budget Class</b>	<b>FTE</b>	<b>GR</b>	<b>Federal</b>	<b>Other</b>	<b>Total</b>	<b>Explanation</b>
<b>TAFP AFTER VETOES</b>									
			EE	0.00	0	400,000	36,750	436,750	
			PD	0.00	0	600,000	43,893,820	44,493,820	
			<b>Total</b>	<b>0.00</b>	<b>0</b>	<b>1,000,000</b>	<b>43,930,570</b>	<b>44,930,570</b>	
<b>DEPARTMENT CORE ADJUSTMENTS</b>									
Core Reallocation	1540 1423		PD	0.00	0	0	200,000	200,000	Core reallocations will more closely align the budget with planned spending.
Core Reallocation	1540 1427		PD	0.00	0	0	400,000	400,000	Core reallocations will more closely align the budget with planned spending.
Core Reallocation	1540 1420		PD	0.00	0	0	(600,000)	(600,000)	Core reallocations will more closely align the budget with planned spending.
			<b>NET DEPARTMENT CHANGES</b>	<b>0.00</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>DEPARTMENT CORE REQUEST</b>									
			EE	0.00	0	400,000	36,750	436,750	
			PD	0.00	0	600,000	43,893,820	44,493,820	
			<b>Total</b>	<b>0.00</b>	<b>0</b>	<b>1,000,000</b>	<b>43,930,570</b>	<b>44,930,570</b>	
<b>GOVERNOR'S RECOMMENDED CORE</b>									
			EE	0.00	0	400,000	36,750	436,750	
			PD	0.00	0	600,000	43,893,820	44,493,820	
			<b>Total</b>	<b>0.00</b>	<b>0</b>	<b>1,000,000</b>	<b>43,930,570</b>	<b>44,930,570</b>	

**Department of Natural Resources**

**DECISION ITEM DETAIL**

Budget Unit	FY 2014	FY 2014	FY 2015	FY 2015	FY 2016	FY 2016	FY 2016	FY 2016
Decision Item	ACTUAL	ACTUAL	BUDGET	BUDGET	DEPT REQ	DEPT REQ	GOV REC	GOV REC
Budget Object Class	DOLLAR	FTE	DOLLAR	FTE	DOLLAR	FTE	DOLLAR	FTE
<b>SOIL &amp; WATER CONSERVATION</b>								
<b>CORE</b>								
ADMIN OFFICE SUPPORT ASSISTANT	29,403	1.00	30,310	1.00	27,956	1.00	27,956	1.00
SR OFC SUPPORT ASST (KEYBRD)	22,711	0.92	25,697	1.00	25,689	1.00	25,689	1.00
SENIOR AUDITOR	0	0.00	51,557	1.00	41,710	1.00	41,710	1.00
PUBLIC INFORMATION COOR	10,890	0.26	35,930	0.80	28,199	0.64	28,199	0.64
ENV EDUCATION & INFO SPEC II	41,247	1.00	41,706	1.00	41,710	1.00	41,710	1.00
EXECUTIVE II	38,271	1.00	38,717	1.00	38,721	1.00	38,721	1.00
MANAGEMENT ANALYSIS SPEC I	38,955	1.00	39,404	1.00	39,408	1.00	39,408	1.00
MANAGEMENT ANALYSIS SPEC II	0	0.00	39,912	1.00	41,710	1.00	41,710	1.00
PLANNER III	31,511	0.67	47,890	1.00	44,917	1.00	44,917	1.00
ENVIRONMENTAL SPEC II	61,553	1.75	71,506	2.00	0	0.00	0	0.00
ENVIRONMENTAL SPEC III	414,009	10.00	435,368	12.81	582,647	15.97	582,647	15.97
ENVIRONMENTAL SPEC IV	157,155	3.33	143,378	3.00	142,887	3.00	142,887	3.00
ENVIRONMENTAL MGR B2	119,005	2.00	227,548	4.00	172,323	3.00	172,323	3.00
FISCAL & ADMINISTRATIVE MGR B1	49,682	1.00	50,434	1.00	51,418	1.00	51,418	1.00
DESIGNATED PRINCIPAL ASST DIV	37,905	0.71	14,885	0.25	14,947	0.25	14,947	0.25
STAFF DIRECTOR	72,229	1.00	72,832	1.00	72,832	1.00	72,832	1.00
MISCELLANEOUS PROFESSIONAL	1,973	0.07	0	0.00	0	0.00	0	0.00
<b>TOTAL - PS</b>	<b>1,126,499</b>	<b>25.71</b>	<b>1,367,074</b>	<b>32.86</b>	<b>1,367,074</b>	<b>32.86</b>	<b>1,367,074</b>	<b>32.86</b>
TRAVEL, IN-STATE	60,606	0.00	70,775	0.00	70,775	0.00	70,775	0.00
TRAVEL, OUT-OF-STATE	4,395	0.00	6,152	0.00	6,152	0.00	6,152	0.00
SUPPLIES	11,349	0.00	38,000	0.00	38,000	0.00	38,000	0.00
PROFESSIONAL DEVELOPMENT	15,047	0.00	38,000	0.00	38,000	0.00	38,000	0.00
COMMUNICATION SERV & SUPP	12,781	0.00	37,555	0.00	37,555	0.00	37,555	0.00
PROFESSIONAL SERVICES	177,187	0.00	400,000	0.00	400,000	0.00	400,000	0.00
M&R SERVICES	719	0.00	12,000	0.00	12,000	0.00	12,000	0.00
OFFICE EQUIPMENT	305	0.00	1,000	0.00	1,000	0.00	1,000	0.00
OTHER EQUIPMENT	646	0.00	7,000	0.00	7,000	0.00	7,000	0.00
BUILDING LEASE PAYMENTS	2,805	0.00	2,700	0.00	2,700	0.00	2,700	0.00
EQUIPMENT RENTALS & LEASES	50	0.00	800	0.00	800	0.00	800	0.00

**Department of Natural Resources**

**DECISION ITEM DETAIL**

Budget Unit	FY 2014	FY 2014	FY 2015	FY 2015	FY 2016	FY 2016	FY 2016	FY 2016
Decision Item	ACTUAL	ACTUAL	BUDGET	BUDGET	DEPT REQ	DEPT REQ	GOV REC	GOV REC
Budget Object Class	DOLLAR	FTE	DOLLAR	FTE	DOLLAR	FTE	DOLLAR	FTE
<b>SOIL &amp; WATER CONSERVATION</b>								
<b>CORE</b>								
MISCELLANEOUS EXPENSES	6,610	0.00	16,000	0.00	16,000	0.00	16,000	0.00
TOTAL - EE	292,500	0.00	629,982	0.00	629,982	0.00	629,982	0.00
<b>GRAND TOTAL</b>	<b>\$1,418,999</b>	<b>25.71</b>	<b>\$1,997,056</b>	<b>32.86</b>	<b>\$1,997,056</b>	<b>32.86</b>	<b>\$1,997,056</b>	<b>32.86</b>
GENERAL REVENUE	\$0	0.00	\$0	0.00	\$0	0.00	\$0	0.00
FEDERAL FUNDS	\$0	0.00	\$0	0.00	\$0	0.00	\$0	0.00
OTHER FUNDS	\$1,418,999	25.71	\$1,997,056	32.86	\$1,997,056	32.86	\$1,997,056	32.86

**Department of Natural Resources**

**DECISION ITEM DETAIL**

Budget Unit	FY 2014	FY 2014	FY 2015	FY 2015	FY 2016	FY 2016	FY 2016	FY 2016
Decision Item	ACTUAL	ACTUAL	BUDGET	BUDGET	DEPT REQ	DEPT REQ	GOV REC	GOV REC
Budget Object Class	DOLLAR	FTE	DOLLAR	FTE	DOLLAR	FTE	DOLLAR	FTE
<b>SOIL &amp; WATER CONSERVATION PSD</b>								
<b>CORE</b>								
TRAVEL, IN-STATE	2,255	0.00	0	0.00	10,000	0.00	10,000	0.00
SUPPLIES	0	0.00	1,900	0.00	1,900	0.00	1,900	0.00
PROFESSIONAL DEVELOPMENT	1,800	0.00	2,850	0.00	4,850	0.00	4,850	0.00
PROFESSIONAL SERVICES	0	0.00	430,000	0.00	413,500	0.00	413,500	0.00
BUILDING LEASE PAYMENTS	0	0.00	0	0.00	500	0.00	500	0.00
MISCELLANEOUS EXPENSES	775	0.00	2,000	0.00	6,000	0.00	6,000	0.00
<b>TOTAL - EE</b>	<b>4,830</b>	<b>0.00</b>	<b>436,750</b>	<b>0.00</b>	<b>436,750</b>	<b>0.00</b>	<b>436,750</b>	<b>0.00</b>
PROGRAM DISTRIBUTIONS	33,881,788	0.00	44,493,820	0.00	44,493,820	0.00	44,493,820	0.00
<b>TOTAL - PD</b>	<b>33,881,788</b>	<b>0.00</b>	<b>44,493,820</b>	<b>0.00</b>	<b>44,493,820</b>	<b>0.00</b>	<b>44,493,820</b>	<b>0.00</b>
<b>GRAND TOTAL</b>	<b>\$33,886,618</b>	<b>0.00</b>	<b>\$44,930,570</b>	<b>0.00</b>	<b>\$44,930,570</b>	<b>0.00</b>	<b>\$44,930,570</b>	<b>0.00</b>
<b>GENERAL REVENUE</b>	<b>\$0</b>	<b>0.00</b>	<b>\$0</b>	<b>0.00</b>	<b>\$0</b>	<b>0.00</b>	<b>\$0</b>	<b>0.00</b>
<b>FEDERAL FUNDS</b>	<b>\$53,812</b>	<b>0.00</b>	<b>\$1,000,000</b>	<b>0.00</b>	<b>\$1,000,000</b>	<b>0.00</b>	<b>\$1,000,000</b>	<b>0.00</b>
<b>OTHER FUNDS</b>	<b>\$33,832,806</b>	<b>0.00</b>	<b>\$43,930,570</b>	<b>0.00</b>	<b>\$43,930,570</b>	<b>0.00</b>	<b>\$43,930,570</b>	<b>0.00</b>

## PROGRAM DESCRIPTION

**Department of Natural Resources**

**Soil and Water Conservation Program**

**Program is found in the following core budgets: Soil and Water Conservation**

### 1. What does this program do?

The Soil and Water Conservation Program (SWCP) and the Soil and Water Districts Commission provide guidance on policy and regulation to the 114 local Soil and Water Conservation Districts (SWCDs) throughout the state. The SWCP program staff is responsible for the administration of the Cost-Share, Agricultural Nonpoint Source Special Area Land Treatment (AgNPS SALT), Conservation Monitoring and District Grant programs as well as various research and partner projects for the control and reduction of soil erosion on agricultural land and in protection of water resources. The SWCP staff manages approximately \$40 million in financial assistance for the installation of soil and water conservation practices and in support of the operation of each of the 114 local SWCDs; provides direct assistance in training, information/education, accounting/auditing, information technology and public administration; and supports the Commission in coordinating activities with stakeholders and partners on the local, state and national level. Funding this core item will allow the department to continue Missouri's proactive efforts to address soil erosion and related water quality issues. Missouri's success with the sales tax funding of voluntary conservation programs is recognized around the nation as a model for other states.

The Program's PSDs consist of many financial incentive programs and projects. State Cost-Share and Agricultural Nonpoint Source Special Area Land Treatment (AgNPS SALT) programs provide financial incentives to landowners for installation and adoption of approved conservation practices and techniques. The Cost-Share and AgNPS SALT programs fund up to 75% of the estimated practice costs, with the landowner responsible for the remainder. Costs of these conservation practices are such that many agricultural landowners could not implement them without the financial incentives and technical assistance made available by citizen support of the Parks, Soils and Water Sales Tax. Participation in the programs is voluntary and incentives are provided to landowners to reduce soil erosion impacts from agricultural land and protect the water resources of the state. The conservation practices are designed to maintain soil productivity and prevent continued degradation of water quality of rivers and streams. SWCDs receive cost-share funding based upon a needs assessment of resource concerns. AgNPS SALT projects will continue to be separately planned and budgeted until complete. The Conservation Monitoring Program provides funding to conduct water quality monitoring of the conservation practices used in farm operations. Plans for FY 2016 include continued funding for modeling watersheds with a nutrient tracking tool database system in order to determine impacts of sediment and nutrient loading to waters from agricultural lands.

Grants to Local Soil and Water Conservation Districts (SWCDs) provide funds for the operation of each of the 114 local SWCDs. The locally elected soil and water district board of supervisors budget how the grants will be spent depending on the needs of that district. District Grant funding is provided for administrative/technical personnel salaries, benefits, information/education programs, equipment and general operational expenses. These grant funds provide support to the districts for contracting and technical assistance to landowners that participate in the soil and water conservation programs. The SWCDs also provide technical assistance on soil and water conservation resource issues for landowners who may not participate in these voluntary programs. Soil and Water Research Grants provide funding to Missouri colleges and universities for soil and water conservation related research to gather data for the development and refinement of programs.

**PROGRAM DESCRIPTION**

**Department of Natural Resources**  
**Soil and Water Conservation Program**  
**Program is found in the following core budgets: Soil and Water Conservation**

**1. What does this program do? (continued)**

Soil and Water Conservation Core - Reconciliation					
	<b>FY 2012</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>
	<b>Actual</b>	<b>Actual</b>	<b>Actual</b>	<b>Current</b>	<b>Gov Rec</b>
Soil and Water Conservation Operations (78850C)	1,618,339	1,598,333	1,418,999	1,997,056	1,997,056
Soil and Water Conservation PSDs (79435C)	38,291,895	40,806,510	33,886,618	44,930,570	44,930,570
<b>Total</b>	<b>39,910,234</b>	<b>42,404,843</b>	<b>35,305,617</b>	<b>46,927,626</b>	<b>46,927,626</b>

**2. What is the authorization for this program, i.e., federal or state statute, etc.? (Include the federal program number, if applicable.)**

Missouri Constitution, Article IV, Section 47a RSMo. 278.080	Sales and Use Tax Levied for Soil and Water Conservation State's Soil and Water Districts Commission
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**3. Are there federal matching requirements? If yes, please explain.**

Missouri Nutrient Reduction Grant	70% Federal
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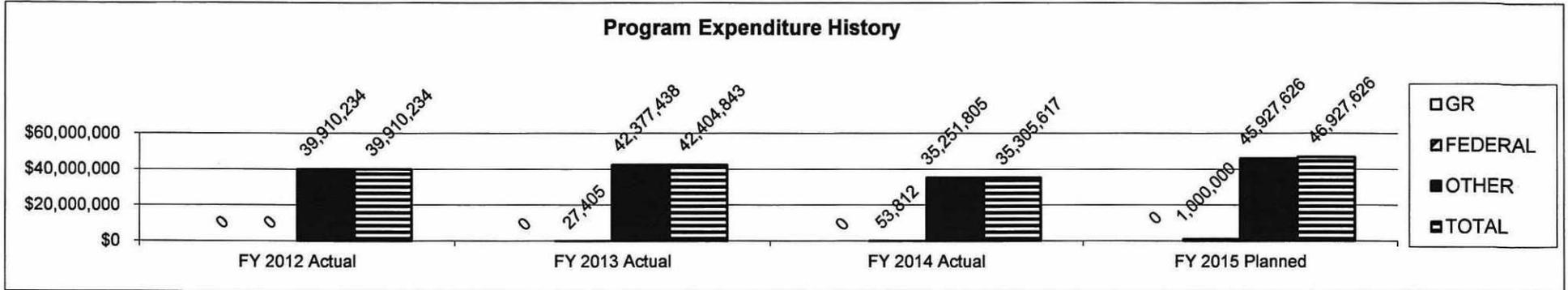
**4. Is this a federally mandated program? If yes, please explain.**

No

**PROGRAM DESCRIPTION**

**Department of Natural Resources**  
**Soil and Water Conservation Program**  
**Program is found in the following core budgets: Soil and Water Conservation**

**5. Provide actual expenditures for the prior three fiscal years and planned expenditures for the current fiscal year.**



Notes: Actual expenditures for all fiscal years are as of June 30 and do not include lapse period activities. Financial data includes operating and pass-through appropriations. Beginning in FY 2013, core pass-through appropriations are set at a level to encumber and pay our commitments, which often span multiple fiscal years. FY 2015 Planned is shown at full appropriation.

FY 2015 core PSD appropriations are as follows: Demonstration Projects and Technical Assistance at \$1,000,000; Grants to Districts at \$11,680,570, Cost-Share at \$31,000,000; Conservation Monitoring Program at \$250,000; Special Area Land Treatment at \$800,000; and Research Grants at \$200,000.

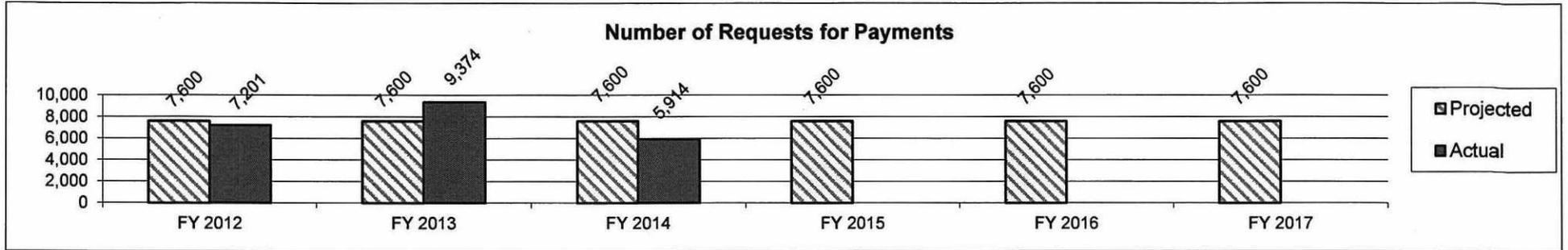
**6. What are the sources of the "Other " funds?**

Soil and Water Sales Tax Fund (0614)

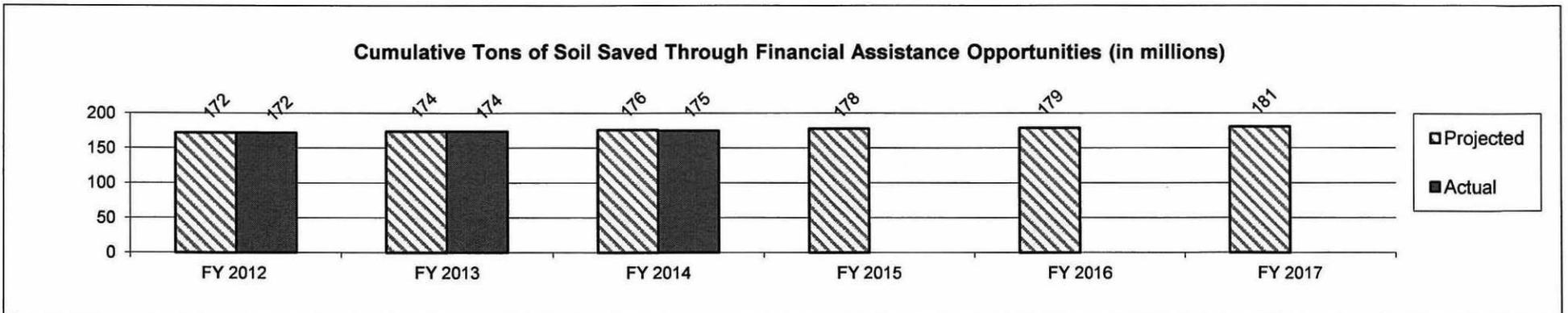
**PROGRAM DESCRIPTION**

**Department of Natural Resources**  
**Soil and Water Conservation Program**  
**Program is found in the following core budgets: Soil and Water Conservation**

**7a. Provide an effectiveness measure.**



Notes: Each request equals one grant payment. Payments include District Assistance grants, Cost-Share, AgNPS Special Area Land Treatment (SALT) and Conservation Monitoring.

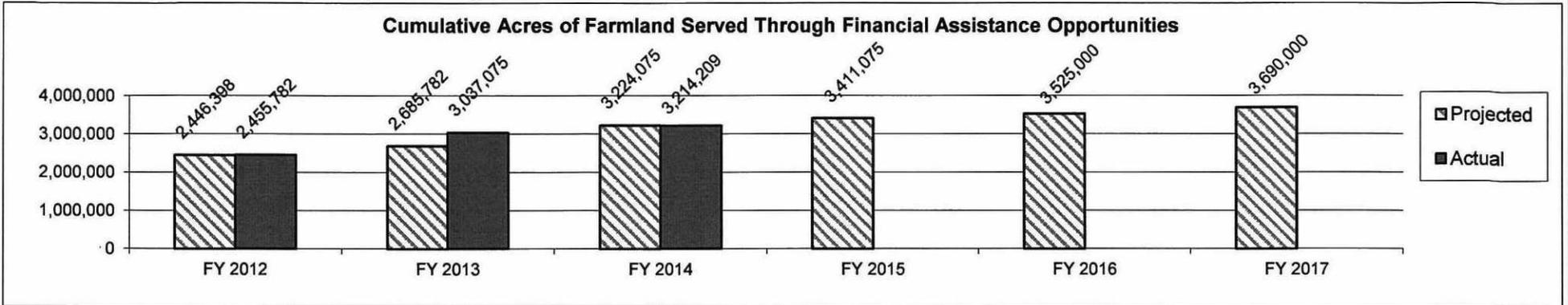


Notes: Tons of soil saved is based and projected on the evaluation criteria for the maintenance life of a conservation practice. Each specific practice saves soil at a rate determined by a federal Revised Universal Soil Loss Equation. Practices implemented save tons of soil, resulting in less sediment entering streams and lakes. Tonnage shown is cumulative since the program began evaluations in FY 1986. Projections are based on trends which indicate additional landowners are voluntarily participating in conservation planning programs as well as starting and completing more practices each year, except years with unforeseen weather or economic impact.

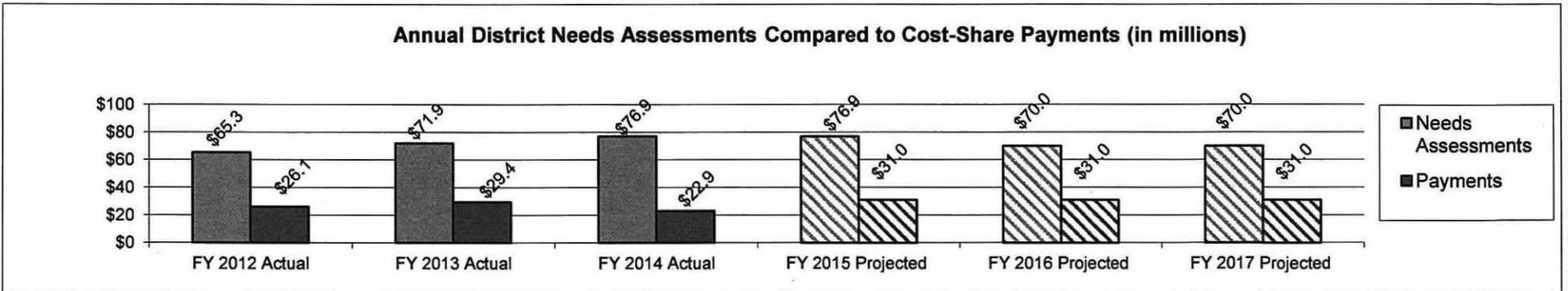
**PROGRAM DESCRIPTION**

**Department of Natural Resources**  
**Soil and Water Conservation Program**  
**Program is found in the following core budgets: Soil and Water Conservation**

**7a. Provide an effectiveness measure. (continued)**



Note: Soil conservation practices on agricultural land are also designed to conserve and protect the quality of water resources. The cumulative acres of land with conservation practices provides protection of and improves the quality of water resources on agricultural land.

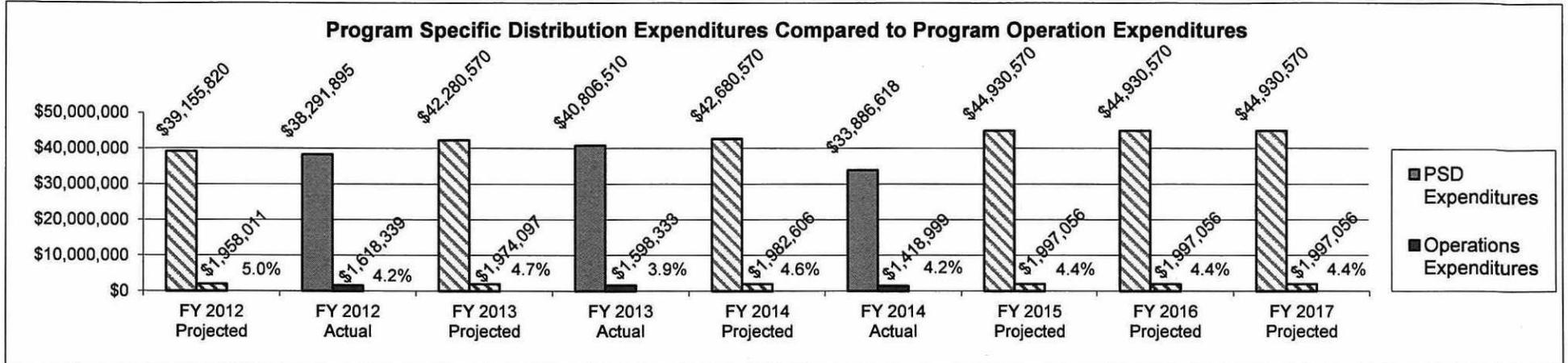


Note: Each county soil and water conservation district board annually submits a resource needs assessment for their district for the upcoming year. The Commission uses the total district needs submitted to evaluate and approve a cost-share allocation to the districts that best meets the state's overall needs, realizing only a portion of the needs can be funded. The needs assessment decline in FY 2016 reflects the experience gained by the districts in developing projected soil and water conservation needs. The program uses the Missouri Soil and Water Information Management System (MOSWIMS) to track allocations and expenditures and provide the Commission with management reports throughout the fiscal year to help maximize available resources.

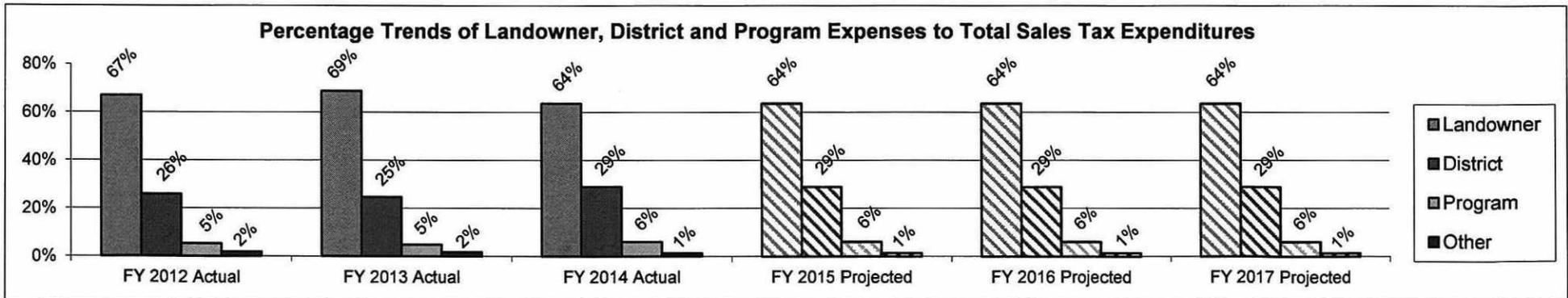
**PROGRAM DESCRIPTION**

**Department of Natural Resources**  
**Soil and Water Conservation Program**  
 Program is found in the following core budgets: Soil and Water Conservation

**7b. Provide an efficiency measure.**



Note: Calculation shows total personal service and expense and equipment expenditures compared to PSD expenditures.



Note: This is reflective of landowner, district, program and other expenditures. Other expenditures include administrative transfers, miscellaneous support, and costs for other departmental agencies. The department continues to work diligently to reduce administrative costs and shift savings to agricultural landowners.

**PROGRAM DESCRIPTION**

**Department of Natural Resources**

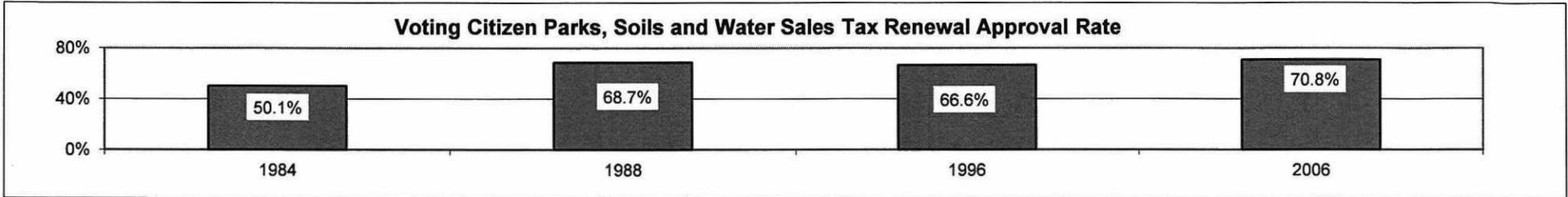
**Soil and Water Conservation Program**

**Program is found in the following core budgets: Soil and Water Conservation**

**7c. Provide the number of clients/individuals served, if applicable.**

The Soil and Water Conservation Program (SWCP) provides leadership and support to the 114 local soil and water conservation districts and landowners throughout the state of Missouri.

**7d. Provide a customer satisfaction measure, if available.**



Note: The Parks, Soils and Water Sales Tax was voted on in August 2006 and passed with 70.8% approval. The Parks, Soils and Water Sales Tax will be resubmitted to the voters in 2016.



**Division of Environmental Quality  
FY 2016 Governor's Recommended Budget**

Page	DEQ Core (Operating, Pass Through, and Appropriated Transfers):	GR	Fed	Other	Total	FTE
64	Water Protection Program	557,018	42,577,880	666,282,455	709,417,353	164.69
107	Air Pollution Control Program	0	8,450,902	6,127,409	14,578,311	107.98
133/158	Hazardous Waste Program	22,000	5,510,132	5,658,172	11,190,304	134.42
182	Solid Waste Management Program	16,114	200	22,229,887	22,246,201	38.00
209	Land Reclamation Program	0	4,401,815	1,432,254	5,834,069	23.00
229	Regional Offices	2,334,331	3,637,029	4,717,921	10,689,281	201.15
242	Environmental Services Program	1,448,645	2,492,185	2,277,517	6,218,347	93.00
263	DEQ Administration	0	2,252,403	1,176,975	3,429,378	23.00
	<b>Total Core</b>	<b>4,378,108</b>	<b>69,322,546</b>	<b>709,902,590</b>	<b>783,603,244</b>	<b>785.24</b>
	% of Core	1%	9%	90%	100%	
Page	DEQ NDIs:					
91	Water Quality Standards and Affordability	0	0	375,204	375,204	6.00
99	Water Infrastructure Grants and Loans	0	0	70,000,000	70,000,000	0.00
163	Superfund Obligations Transfer	939,176	0	0	939,176	0.00
	<b>Total NDIs</b>	<b>939,176</b>	<b>0</b>	<b>70,375,204</b>	<b>71,314,380</b>	<b>6.00</b>
<b>Total (includes encumbrance appropriation authority)</b>		<b>5,317,284</b>	<b>69,322,546</b>	<b>780,277,794</b>	<b>854,917,624</b>	<b>791.24</b>
% of Core & NDI		1%	8%	91%	100%	
Page	Encumbrance Appropriation Authority (included in figures above):					
64	Water Infrastructure	0	0	333,529,824	333,529,824	0.00
64	Water Quality Studies	0	25,000,000	1,000,000	26,000,000	0.00
107	Air Pollution Control Grants	0	4,400,000	0	4,400,000	0.00
	<b>Total Encumbrance Appropriation Authority</b>	<b>0</b>	<b>29,400,000</b>	<b>334,529,824</b>	<b>363,929,824</b>	<b>0.00</b>
<b>Total (excludes encumbrance appropriation authority)</b>		<b>5,317,284</b>	<b>39,922,546</b>	<b>445,747,970</b>	<b>490,987,800</b>	<b>791.24</b>
% of Core & NDI		1%	8%	91%	100%	

Note: This summary does not include items in the Agency Wide budget that may also involve DEQ.

**FLEXIBILITY REQUEST FORM**

<b>BUDGET UNIT NUMBER:</b> 78847C, 78865C, 78870C, 78875C, 78880C, 78855C, 78885C, 78117C	<b>DEPARTMENT:</b> NATURAL RESOURCES
<b>BUDGET UNIT NAME:</b> ENVIRONMENTAL QUALITY OPERATIONS	<b>DIVISION:</b> ENVIRONMENTAL QUALITY

**1. Provide the amount by fund of personal service flexibility and the amount by fund of expense and equipment flexibility you are requesting in dollar and percentage terms and explain why the flexibility is needed. If flexibility is being requested among divisions, provide the amount by fund of flexibility you are requesting in dollar and percentage terms and explain why the flexibility is needed.**

**GOVERNOR'S RECOMMENDATION**

The Division of Environmental Quality (DEQ) requests retention of 25% flexibility between Personal Service (PS) and Expense and Equipment (E&E) for General Revenue, Federal and Other Funds. In addition, DEQ requests retention of 25% flexibility between programs and/or regional offices for General Revenue. For Federal and Other Funds, the division requests retention of 100% flexibility between funds. The flexibility will help address environmental emergencies or other unanticipated needs that may arise to ensure effective, responsive service delivery by the division.

**2. Estimate how much flexibility will be used for the budget year. How much flexibility was used in the Prior Year Budget and the Current Year Budget? Please specify the amount.**

<b>PRIOR YEAR ACTUAL AMOUNT OF FLEXIBILITY USED</b>	<b>CURRENT YEAR ESTIMATED AMOUNT OF FLEXIBILITY THAT WILL BE USED</b>	<b>BUDGET REQUEST - GOVERNOR'S REC ESTIMATED AMOUNT OF FLEXIBILITY THAT WILL BE USED</b>
\$80,000 PS to E&E (GR)	Flexibility usage is difficult to estimate at this time.	Flexibility usage is difficult to estimate at this time.
\$1,581,421 Fund to Fund (Federal/Other)		

**3. Please explain how flexibility was used in the prior and/or current years.**

<b>PRIOR YEAR EXPLAIN ACTUAL USE</b>	<b>CURRENT YEAR EXPLAIN PLANNED USE</b>
The PS to E&E flexibility was used to purchase replacement protective monitoring equipment utilized during environmental emergency responses.  Fund to fund flex was used to align appropriation to proper funding based on service delivery needs during the year.	Flexibility will be used for unanticipated needs, such as environmental emergencies or situations that may require an extraordinary response, to ensure effective, responsive service delivery by the division.

**FLEXIBILITY REQUEST FORM**

<b>BUDGET UNIT NUMBER:</b> 79360C, 79415C, 79405C, 79230C, 79455C	<b>DEPARTMENT:</b> NATURAL RESOURCES
<b>BUDGET UNIT NAME:</b> ENVIRONMENTAL QUALITY PASS THROUGH	<b>DIVISION:</b> ENVIRONMENTAL QUALITY

**1. Provide the amount by fund of personal service flexibility and the amount by fund of expense and equipment flexibility you are requesting in dollar and percentage terms and explain why the flexibility is needed. If flexibility is being requested among divisions, provide the amount by fund of flexibility you are requesting in dollar and percentage terms and explain why the flexibility is needed.**

**GOVERNOR'S RECOMMENDATION**

The Division of Environmental Quality (DEQ) requests retention of 100% flexibility between funds (federal and other) for these pass through budget units: Technical Assistance Grants (79360C); Water and Wastewater Infrastructure (79415C); Water Quality Studies (79405C); and Air Pollution Control Grants & Contracts (79230C). Fund flexibility will be used when needed to align appropriation authority with planned spending based on funds availability for pass through programs.

In addition, DEQ requests retention of 10% flexibility between Personal Service and Expense and Equipment (E&E) for the Post-Closure Fund (0198) related to closure and postclosure activities at solid waste landfills with forfeitured financial assurance instruments (79455C).

**2. Estimate how much flexibility will be used for the budget year. How much flexibility was used in the Prior Year Budget and the Current Year Budget? Please specify the amount.**

<b>PRIOR YEAR ACTUAL AMOUNT OF FLEXIBILITY USED</b>	<b>CURRENT YEAR ESTIMATED AMOUNT OF FLEXIBILITY THAT WILL BE USED</b>	<b>BUDGET REQUEST - GOVERNOR'S REC ESTIMATED AMOUNT OF FLEXIBILITY THAT WILL BE USED</b>
\$28,500,000 Fund to Fund (Other/Other) for Water Infrastructure	Flexibility usage is difficult to estimate at this time.	Flexibility usage is difficult to estimate at this time.

**3. Please explain how flexibility was used in the prior and/or current years.**

<b>PRIOR YEAR EXPLAIN ACTUAL USE</b>	<b>CURRENT YEAR EXPLAIN PLANNED USE</b>
Due to the timing of payment requests received, fund to fund flex was used to align appropriations to proper funding for Clean Water and Drinking Water State Revolving Fund payments.	Fund flexibility will be used when needed to align appropriation authority with planned spending based on funds availability for pass through programs.  PS and E&E flexibility will be used to ensure effective, responsive service delivery related to solid waste forfeiture sites.

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**Department of Natural Resources**

**DECISION ITEM SUMMARY**

<b>Budget Unit</b>								
<b>Decision Item</b>	<b>FY 2014</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2016</b>	<b>FY 2016</b>	<b>FY 2016</b>
<b>Budget Object Summary</b>	<b>ACTUAL</b>	<b>ACTUAL</b>	<b>BUDGET</b>	<b>BUDGET</b>	<b>DEPT REQ</b>	<b>DEPT REQ</b>	<b>GOV REC</b>	<b>GOV REC</b>
<b>Fund</b>	<b>DOLLAR</b>	<b>FTE</b>	<b>DOLLAR</b>	<b>FTE</b>	<b>DOLLAR</b>	<b>FTE</b>	<b>DOLLAR</b>	<b>FTE</b>
<b>WATER PROTECTION PROGRAM</b>								
<b>CORE</b>								
<b>PERSONAL SERVICES</b>								
GENERAL REVENUE	374,818	8.85	390,512	9.00	390,512	9.00	390,512	9.00
DEPT NATURAL RESOURCES	2,675,846	64.62	3,168,721	72.21	3,068,721	70.71	3,068,721	70.71
NATURAL RESOURCES PROTECTION	40,755	0.58	24,789	0.35	66,566	0.95	66,566	0.95
NRP-WATER POLLUTION PERMIT FEE	1,872,242	44.52	2,063,711	49.28	2,146,074	50.03	2,146,074	50.03
SOLID WASTE MANAGEMENT	2,801	0.04	4,959	0.07	350	0.01	350	0.01
UNDERGROUND STOR TANK REG PROG	4,779	0.07	8,499	0.12	631	0.01	631	0.01
WATER & WASTEWATER LOAN FUND	1,106,718	24.76	934,716	19.80	934,716	19.80	934,716	19.80
HAZARDOUS WASTE FUND	2,017	0.03	3,543	0.05	280	0.00	280	0.00
SAFE DRINKING WATER FUND	435,152	11.66	483,231	13.81	474,831	14.18	474,831	14.18
<b>TOTAL - PS</b>	<b>6,515,128</b>	<b>155.13</b>	<b>7,082,681</b>	<b>164.69</b>	<b>7,082,681</b>	<b>164.69</b>	<b>7,082,681</b>	<b>164.69</b>
<b>EXPENSE &amp; EQUIPMENT</b>								
GENERAL REVENUE	161,511	0.00	166,506	0.00	166,506	0.00	166,506	0.00
DEPT NATURAL RESOURCES	1,604,230	0.00	2,009,159	0.00	2,009,159	0.00	2,009,159	0.00
NATURAL RESOURCES PROTECTION	17,649	0.00	22,827	0.00	22,827	0.00	22,827	0.00
NRP-WATER POLLUTION PERMIT FEE	335,864	0.00	720,542	0.00	720,542	0.00	720,542	0.00
WATER & WASTEWATER LOAN FUND	48,964	0.00	81,675	0.00	81,675	0.00	81,675	0.00
SAFE DRINKING WATER FUND	590,166	0.00	730,435	0.00	730,435	0.00	730,435	0.00
<b>TOTAL - EE</b>	<b>2,758,384</b>	<b>0.00</b>	<b>3,731,144</b>	<b>0.00</b>	<b>3,731,144</b>	<b>0.00</b>	<b>3,731,144</b>	<b>0.00</b>
<b>PROGRAM-SPECIFIC</b>								
NRP-WATER POLLUTION PERMIT FEE	0	0.00	5,000	0.00	5,000	0.00	5,000	0.00
<b>TOTAL - PD</b>	<b>0</b>	<b>0.00</b>	<b>5,000</b>	<b>0.00</b>	<b>5,000</b>	<b>0.00</b>	<b>5,000</b>	<b>0.00</b>
<b>TOTAL</b>	<b>9,273,512</b>	<b>155.13</b>	<b>10,818,825</b>	<b>164.69</b>	<b>10,818,825</b>	<b>164.69</b>	<b>10,818,825</b>	<b>164.69</b>
<b>Pay Plan FY15-Cost to Continue - 0000014</b>								
<b>PERSONAL SERVICES</b>								
GENERAL REVENUE	0	0.00	0	0.00	2,107	0.00	2,107	0.00
DEPT NATURAL RESOURCES	0	0.00	0	0.00	17,086	0.00	17,086	0.00
NATURAL RESOURCES PROTECTION	0	0.00	0	0.00	134	0.00	134	0.00
NRP-WATER POLLUTION PERMIT FEE	0	0.00	0	0.00	11,128	0.00	11,128	0.00
SOLID WASTE MANAGEMENT	0	0.00	0	0.00	27	0.00	27	0.00
UNDERGROUND STOR TANK REG PROG	0	0.00	0	0.00	46	0.00	46	0.00
WATER & WASTEWATER LOAN FUND	0	0.00	0	0.00	5,037	0.00	5,037	0.00

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**Department of Natural Resources**

**DECISION ITEM SUMMARY**

Budget Unit									
Decision Item	FY 2014	FY 2014	FY 2015	FY 2015	FY 2016	FY 2016	FY 2016	FY 2016	
Budget Object Summary	ACTUAL	ACTUAL	BUDGET	BUDGET	DEPT REQ	DEPT REQ	GOV REC	GOV REC	
Fund	DOLLAR	FTE	DOLLAR	FTE	DOLLAR	FTE	DOLLAR	FTE	
<b>WATER PROTECTION PROGRAM</b>									
Pay Plan FY15-Cost to Continue - 0000014									
PERSONAL SERVICES									
HAZARDOUS WASTE FUND	0	0.00	0	0.00	19	0.00	19	0.00	
SAFE DRINKING WATER FUND	0	0.00	0	0.00	2,606	0.00	2,606	0.00	
TOTAL - PS	0	0.00	0	0.00	38,190	0.00	38,190	0.00	
<b>TOTAL</b>	<b>0</b>	<b>0.00</b>	<b>0</b>	<b>0.00</b>	<b>38,190</b>	<b>0.00</b>	<b>38,190</b>	<b>0.00</b>	
<b>WATER QUAL STANDARDS &amp; AFFORD - 1780001</b>									
PERSONAL SERVICES									
GENERAL REVENUE	0	0.00	0	0.00	290,688	6.00	0	0.00	
NRP-WATER POLLUTION PERMIT FEE	0	0.00	0	0.00	0	0.00	290,688	6.00	
TOTAL - PS	0	0.00	0	0.00	290,688	6.00	290,688	6.00	
EXPENSE & EQUIPMENT									
GENERAL REVENUE	0	0.00	0	0.00	84,516	0.00	0	0.00	
NRP-WATER POLLUTION PERMIT FEE	0	0.00	0	0.00	0	0.00	84,516	0.00	
TOTAL - EE	0	0.00	0	0.00	84,516	0.00	84,516	0.00	
<b>TOTAL</b>	<b>0</b>	<b>0.00</b>	<b>0</b>	<b>0.00</b>	<b>375,204</b>	<b>6.00</b>	<b>375,204</b>	<b>6.00</b>	
<b>GRAND TOTAL</b>	<b>\$9,273,512</b>	<b>155.13</b>	<b>\$10,818,825</b>	<b>164.69</b>	<b>\$11,232,219</b>	<b>170.69</b>	<b>\$11,232,219</b>	<b>170.69</b>	

**Department of Natural Resources**

**DECISION ITEM SUMMARY**

<b>Budget Unit</b>								
<b>Decision Item</b>	<b>FY 2014</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2015</b>	<b>FY 2016</b>	<b>FY 2016</b>	<b>FY 2016</b>	<b>FY 2016</b>
<b>Budget Object Summary</b>	<b>ACTUAL</b>	<b>ACTUAL</b>	<b>BUDGET</b>	<b>BUDGET</b>	<b>DEPT REQ</b>	<b>DEPT REQ</b>	<b>GOV REC</b>	<b>GOV REC</b>
<b>Fund</b>	<b>DOLLAR</b>	<b>FTE</b>	<b>DOLLAR</b>	<b>FTE</b>	<b>DOLLAR</b>	<b>FTE</b>	<b>DOLLAR</b>	<b>FTE</b>
<b>WATER INFRASTRUCTURE</b>								
<b>CORE</b>								
<b>PROGRAM-SPECIFIC</b>								
STORMWATER A-2002-37H	0	0.00	10,000	0.00	10,000	0.00	10,000	0.00
WPC SERIES A 2007-37G	0	0.00	10,000	0.00	10,000	0.00	10,000	0.00
WPC SERIES A 2007-37E	0	0.00	20,000	0.00	20,000	0.00	20,000	0.00
NRP-WATER POLLUTION PERMIT FEE	0	0.00	10,839,999	0.00	10,839,999	0.00	10,839,999	0.00
WATER & WASTEWATER LOAN REVOLV	73,184,656	0.00	448,015,896	0.00	448,015,896	0.00	448,015,896	0.00
WATER & WASTEWATER LOAN FUND	57,614,070	0.00	190,528,640	0.00	190,528,640	0.00	190,528,640	0.00
STORM WATER LOAN REVOLVING	0	0.00	6,514,141	0.00	6,514,141	0.00	6,514,141	0.00
RURAL WATER AND SEWER LOAN REV	392,929	0.00	1,800,000	0.00	1,800,000	0.00	1,800,000	0.00
TOTAL - PD	131,191,655	0.00	657,738,676	0.00	657,738,676	0.00	657,738,676	0.00
<b>TOTAL</b>	<b>131,191,655</b>	<b>0.00</b>	<b>657,738,676</b>	<b>0.00</b>	<b>657,738,676</b>	<b>0.00</b>	<b>657,738,676</b>	<b>0.00</b>
<b>Water Infrast grants &amp; loans - 1780005</b>								
<b>PROGRAM-SPECIFIC</b>								
STORMWATER SERIES A 2015 37H	0	0.00	0	0.00	0	0.00	20,000,000	0.00
WPC SERIES A 2015 37G	0	0.00	0	0.00	0	0.00	21,000,000	0.00
WPC SERIES A 2015 37E	0	0.00	0	0.00	0	0.00	18,000,000	0.00
WPC SERIES A 2015 (SRF) 37E	0	0.00	0	0.00	0	0.00	11,000,000	0.00
TOTAL - PD	0	0.00	0	0.00	0	0.00	70,000,000	0.00
<b>TOTAL</b>	<b>0</b>	<b>0.00</b>	<b>0</b>	<b>0.00</b>	<b>0</b>	<b>0.00</b>	<b>70,000,000</b>	<b>0.00</b>
<b>GRAND TOTAL</b>	<b>\$131,191,655</b>	<b>0.00</b>	<b>\$657,738,676</b>	<b>0.00</b>	<b>\$657,738,676</b>	<b>0.00</b>	<b>\$727,738,676</b>	<b>0.00</b>

**Department of Natural Resources**

**DECISION ITEM SUMMARY**

Budget Unit								
Decision Item	FY 2014	FY 2014	FY 2015	FY 2015	FY 2016	FY 2016	FY 2016	FY 2016
Budget Object Summary	ACTUAL	ACTUAL	BUDGET	BUDGET	DEPT REQ	DEPT REQ	GOV REC	GOV REC
Fund	DOLLAR	FTE	DOLLAR	FTE	DOLLAR	FTE	DOLLAR	FTE
<b>WATER QUALITY STUDIES</b>								
<b>CORE</b>								
<b>EXPENSE &amp; EQUIPMENT</b>								
DEPT NATURAL RESOURCES	780,775	0.00	1,020,001	0.00	1,620,001	0.00	1,620,001	0.00
NRP-WATER POLLUTION PERMIT FEE	361,235	0.00	120,001	0.00	620,001	0.00	620,001	0.00
SAFE DRINKING WATER FUND	451,805	0.00	599,852	0.00	599,852	0.00	599,852	0.00
TOTAL - EE	1,593,815	0.00	1,739,854	0.00	2,839,854	0.00	2,839,854	0.00
<b>PROGRAM-SPECIFIC</b>								
DEPT NATURAL RESOURCES	5,009,307	0.00	36,479,999	0.00	35,879,999	0.00	35,879,999	0.00
NRP-WATER POLLUTION PERMIT FEE	0	0.00	2,579,999	0.00	2,079,999	0.00	2,079,999	0.00
TOTAL - PD	5,009,307	0.00	39,059,998	0.00	37,959,998	0.00	37,959,998	0.00
<b>TOTAL</b>	<b>6,603,122</b>	<b>0.00</b>	<b>40,799,852</b>	<b>0.00</b>	<b>40,799,852</b>	<b>0.00</b>	<b>40,799,852</b>	<b>0.00</b>
<b>GRAND TOTAL</b>	<b>\$6,603,122</b>	<b>0.00</b>	<b>\$40,799,852</b>	<b>0.00</b>	<b>\$40,799,852</b>	<b>0.00</b>	<b>\$40,799,852</b>	<b>0.00</b>

**Department of Natural Resources**

**DECISION ITEM SUMMARY**

Budget Unit	FY 2014	FY 2014	FY 2015	FY 2015	FY 2016	FY 2016	FY 2016	FY 2016
Decision Item	ACTUAL	ACTUAL	BUDGET	BUDGET	DEPT REQ	DEPT REQ	GOV REC	GOV REC
Budget Object Summary	DOLLAR	FTE	DOLLAR	FTE	DOLLAR	FTE	DOLLAR	FTE
Fund								
<b>CAFO CLOSURES</b>								
<b>CORE</b>								
<b>EXPENSE &amp; EQUIPMENT</b>								
CONCENT ANIMAL FEEDING	0	0.00	6	0.00	6	0.00	6	0.00
TOTAL - EE	0	0.00	6	0.00	6	0.00	6	0.00
<b>PROGRAM-SPECIFIC</b>								
CONCENT ANIMAL FEEDING	0	0.00	59,994	0.00	59,994	0.00	59,994	0.00
TOTAL - PD	0	0.00	59,994	0.00	59,994	0.00	59,994	0.00
<b>TOTAL</b>	<b>0</b>	<b>0.00</b>	<b>60,000</b>	<b>0.00</b>	<b>60,000</b>	<b>0.00</b>	<b>60,000</b>	<b>0.00</b>
<b>GRAND TOTAL</b>	<b>\$0</b>	<b>0.00</b>	<b>\$60,000</b>	<b>0.00</b>	<b>\$60,000</b>	<b>0.00</b>	<b>\$60,000</b>	<b>0.00</b>

**CORE DECISION ITEM**

<b>Department of Natural Resources</b>	<b>Budget Unit 78847C, 79415C, 79405C, 79425C</b>
<b>Division of Environmental Quality</b>	
<b>Water Protection Program Core</b>	

**1. CORE FINANCIAL SUMMARY**

	FY 2016 Budget Request					FY 2016 Governor's Recommendation			
	GR	Federal	Other	Total		GR	Fed	Other	Total
<b>PS</b>	390,512	3,068,721	3,623,448	7,082,681	<b>PS</b>	390,512	3,068,721	3,623,448	7,082,681
<b>EE</b>	166,506	3,629,160	2,775,338	6,571,004	<b>EE</b>	166,506	3,629,160	2,775,338	6,571,004
<b>PSD</b>	0	35,879,999	659,883,669	695,763,668	<b>PSD</b>	0	35,879,999	659,883,669	695,763,668
<b>Total</b>	<b>557,018</b>	<b>42,577,880</b>	<b>666,282,455</b>	<b>709,417,353</b>	<b>Total</b>	<b>557,018</b>	<b>42,577,880</b>	<b>666,282,455</b>	<b>709,417,353</b>
<b>FTE</b>	<b>9.00</b>	<b>70.71</b>	<b>84.98</b>	<b>164.69</b>	<b>FTE</b>	<b>9.00</b>	<b>70.71</b>	<b>84.98</b>	<b>164.69</b>

<b>Est. Fringe</b>	187,055	1,469,917	1,735,632	3,392,604
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*Note: Fringes budgeted in House Bill 5 except for certain fringes budgeted directly to MoDOT, Highway Patrol, and Conservation.*

<b>Est. Fringe</b>	187,055	1,469,917	1,735,632	3,392,604
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*Note: Fringes budgeted in House Bill 5 except for certain fringes budgeted directly to MoDOT, Highway Patrol, and Conservation.*

Other Funds: Stormwater Control Fund (0302); Water Pollution Control Funds (0329, 0330); Natural Resources Protection Fund - Damages Subaccount (0555); Natural Resources Protection Fund - Water Pollution Permit Fee Subaccount (0568); Water and Wastewater Loan Revolving Fund (0602); Water and Wastewater Loan Fund (0649); Safe Drinking Water Fund (0679); Stormwater Loan Revolving Fund (0754); Rural Water and Sewer Loan Revolving Fund (0755); Concentrated Animal Feeding Operation Indemnity Fund (0834)

The FY 2016 budget request includes appropriation authority of \$333,529,824 to be used for encumbrance purposes only related to Water Infrastructure loans and grants and \$26,000,000 to be used for encumbrance purposes only related to Water Quality Studies.

Note: This core budget is facing fiscal challenges.

**2. CORE DESCRIPTION**

The goal of the Water Protection Program is to help ensure clean and safe water for all Missourians, including drinking water, and surface and groundwater for recreational, farming and industrial uses. To accomplish this goal, the program provides financial and technical assistance, issues permits, conducts compliance efforts and classifies water bodies to determine safe levels to protect their uses.

**CORE DECISION ITEM**

<b>Department of Natural Resources</b>	<b>Budget Unit</b> <u>78847C, 79415C, 79405C, 79425C</u>
<b>Division of Environmental Quality</b>	
<b>Water Protection Program Core</b>	

**2. CORE DESCRIPTION (continued)**

Water Infrastructure addresses inadequate treatment of sewage, water used for drinking water supplies, and storm water runoff that causes public health hazards and pollutes streams and lakes. The construction of public drinking water or wastewater treatment facilities is expensive and many Missouri communities need financial assistance to meet these costs. The department operates several grant and loan programs to assist political subdivisions to construct adequate wastewater, storm water and drinking water treatment facilities. This item requests the core appropriation to provide financial assistance to Missouri communities and public water supply systems for construction and expansion of drinking water and wastewater treatment projects.

Water Quality Studies provides funding to help protect the integrity of public water systems and the quality of groundwater, streams and lakes. Projects, subgrants and contracts are administered by the department to protect water quality.

Public Drinking Water Sample Analysis ensures that public water systems are routinely tested for possible contamination, thereby ensuring that the drinking water supplied by public water systems is safe and the health of Missouri's citizens is protected.

Water Quality Studies gather information that is used to develop strategic initiatives toward protection of the quality of Missouri's groundwater, streams and lakes. These water resources are important to the state's citizens and economy for beneficial uses such as drinking water, recreation and support of aquatic life. These studies also assess the technical, managerial and financial capability of public water systems and determine the most appropriate course of action for a small public water system to take to protect and maintain the quality of the source of its water and to ensure the citizens are consistently provided with clean water that is safe to drink.

CAFO Closures allow for the expenditure of Concentrated Animal Feeding Operation Indemnity Funds for closure of certain lagoon structures that have been placed in the control of government due to bankruptcy, failure to pay property taxes or abandonment. In addition, when the department determines that an owner has successfully closed a CAFO, all moneys paid into the fund by such operation are returned to the owner.

**CORE DECISION ITEM**

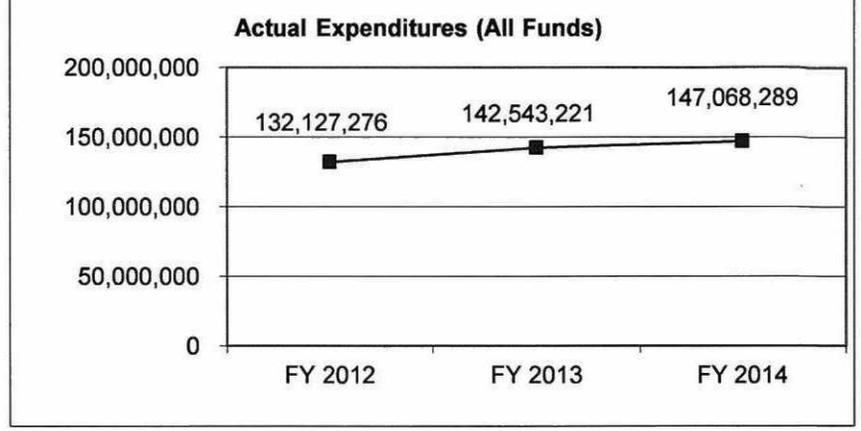
<b>Department of Natural Resources</b>	<b>Budget Unit 78847C, 79415C, 79405C, 79425C</b>
<b>Division of Environmental Quality</b>	
<b>Water Protection Program Core</b>	

**3. PROGRAM LISTING (list programs included in this core funding)**

Water Protection Program

**4. FINANCIAL HISTORY**

	FY 2012 Actual	FY 2013 Actual	FY 2014 Actual	FY 2015 Current Yr.
Appropriation (All Funds) (1)	408,378,077	351,884,987	565,365,411	709,417,353
Less Reverted (All Funds)	(16,748)	(16,957)	(16,589)	N/A
Less Restricted (All Funds)	0	0	0	N/A
Budget Authority (All Funds)	408,361,329	351,868,030	565,348,822	N/A
Actual Expenditures (All Funds)	132,127,276	142,543,221	147,068,289	N/A
Unexpended (All Funds)	276,234,053	209,324,809	418,280,533	N/A
Unexpended, by Fund:				
General Revenue	92	2,066	64	N/A
Federal	12,886,056	15,993,616	32,272,744	N/A
Other	263,347,905	193,329,127	386,007,725	N/A
	<b>(2,3,4)</b>	<b>(2,3,4)</b>	<b>(2,3,4)</b>	<b>(3)</b>



Reverted includes Governor's standard 3 percent reserve (when applicable).  
 Restricted includes any extraordinary expenditure restrictions (when applicable).  
 Actual expenditures for all fiscal years are as of June 30 and do not include lapse period activities.

- NOTES:**
- (1) Financial data includes operating and pass-through appropriations.
  - (2) Fiscal uncertainties and hiring limitations have resulted in lower personal service and expense and equipment expenditures. The program has managed expenditures to stay within available revenues. In addition, Federal expense and equipment appropriations have been maintained to allow for new federal dollars that may become available.
  - (3) In many cases, pass through appropriation has been provided for encumbrance and payment of our commitments, which often span multiple fiscal years causing high unexpended balances. Beginning in FY 2014, appropriations were provided for encumbrance purposes separate from expenditures. Both types of appropriation are included in the data above, therefore high unexpended balances will continue to be reflected. The FY 2015 PSD (expenditure only) appropriations are: Construction Grants \$4,360,000; Clean Water State Revolving Fund Loans \$244,511,267; Rural Water and Sewer Grants and Loans \$720,000; Storm Water Control Grants and Loans \$1,024,141; Drinking Water State Revolving Fund Loans \$73,593,444, Water Quality Studies \$14,200,000; Drinking Water Analysis \$599,852 and CAFO Closures \$60,000. The FY 2015 budget includes appropriation authority of \$333,529,824 to be used for encumbrance purposes only related to Water Infrastructure loans and grants and \$26,000,000 to be used for encumbrance purposes only related to Water Quality Studies.
  - (4) There were no bond closings in FY 2011, FY 2012, FY 2013 or FY 2014.

**CORE DECISION ITEM**

<b>Department of Natural Resources</b>	<b>Budget Unit</b> <u>78847C, 79415C, 79405C, 79425C</u>
<b>Division of Environmental Quality</b>	
<b>Water Protection Program Core</b>	

**4. FINANCIAL HISTORY (continued)**

Water Protection Program - Reconciliation

	<b>FY 2012</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>
	<b>Actual</b>	<b>Actual</b>	<b>Actual</b>	<b>Current</b>	<b>Gov Rec</b>
Water Protection Operations (78847C)	8,202,844	8,502,780	9,273,512	10,818,825	10,818,825
Water Infrastructure PSD (79415C)	120,115,928	128,685,622	131,191,655	657,738,676	657,738,676
Water Quality Studies PSD (79405C)	3,808,500	5,354,819	6,603,122	40,799,852	40,799,852
CAFO Closures PSD (79425C)	0	0	0	60,000	60,000
<b>Total</b>	<b>132,127,272</b>	<b>142,543,221</b>	<b>147,068,289</b>	<b>709,417,353</b>	<b>709,417,353</b>

Note: FY 2015 and FY 2016 include appropriation authority of \$333,529,824 to be used for encumbrance purposes only related to Water Infrastructure loans and grants and \$26,000,000 to be used for encumbrance purposes only related to Water Quality Studies.

**CORE RECONCILIATION DETAIL**

**DEPARTMENT OF NATURAL RESOURCES**  
**WATER PROTECTION PROGRAM**

**5. CORE RECONCILIATION DETAIL**

		<b>Budget Class</b>	<b>FTE</b>	<b>GR</b>	<b>Federal</b>	<b>Other</b>	<b>Total</b>	<b>Explanation</b>
<b>TAFP AFTER VETOES</b>								
		PS	164.69	390,512	3,168,721	3,523,448	7,082,681	
		EE	0.00	166,506	2,009,159	1,555,479	3,731,144	
		PD	0.00	0	0	5,000	5,000	
		<b>Total</b>	<b>164.69</b>	<b>557,018</b>	<b>5,177,880</b>	<b>5,083,927</b>	<b>10,818,825</b>	
<b>DEPARTMENT CORE ADJUSTMENTS</b>								
Core Reallocation	1179 7172	PS	(0.00)	0	0	0	0	Core reallocations more closely align budget with planned spending.
Core Reallocation	1179 7173	PS	(1.50)	0	(100,000)	0	(100,000)	Core reallocations more closely align budget with planned spending.
Core Reallocation	1179 7174	PS	0.75	0	0	82,363	82,363	Core reallocations more closely align budget with planned spending.
Core Reallocation	1179 7175	PS	0.37	0	0	(8,400)	(8,400)	Core reallocations more closely align budget with planned spending.
Core Reallocation	1179 8219	PS	0.60	0	0	41,777	41,777	Core reallocations more closely align budget with planned spending.
Core Reallocation	1179 8220	PS	(0.06)	0	0	(4,609)	(4,609)	Core reallocations more closely align budget with planned spending.
Core Reallocation	1179 8221	PS	(0.11)	0	0	(7,868)	(7,868)	Core reallocations more closely align budget with planned spending.
Core Reallocation	1179 8222	PS	(0.05)	0	0	(3,263)	(3,263)	Core reallocations more closely align budget with planned spending.
Core Reallocation	1179 6954	PS	0.00	0	0	0	0	Core reallocations more closely align budget with planned spending.
<b>NET DEPARTMENT CHANGES</b>			<b>(0.00)</b>	<b>0</b>	<b>(100,000)</b>	<b>100,000</b>	<b>0</b>	

**CORE RECONCILIATION DETAIL**

**DEPARTMENT OF NATURAL RESOURCES**  
**WATER PROTECTION PROGRAM**

**5. CORE RECONCILIATION DETAIL**

	<b>Budget Class</b>	<b>FTE</b>	<b>GR</b>	<b>Federal</b>	<b>Other</b>	<b>Total</b>	<b>Explanation</b>
<b>DEPARTMENT CORE REQUEST</b>							
	PS	164.69	390,512	3,068,721	3,623,448	7,082,681	
	EE	0.00	166,506	2,009,159	1,555,479	3,731,144	
	PD	0.00	0	0	5,000	5,000	
	<b>Total</b>	<b>164.69</b>	<b>557,018</b>	<b>5,077,880</b>	<b>5,183,927</b>	<b>10,818,825</b>	
<b>GOVERNOR'S RECOMMENDED CORE</b>							
	PS	164.69	390,512	3,068,721	3,623,448	7,082,681	
	EE	0.00	166,506	2,009,159	1,555,479	3,731,144	
	PD	0.00	0	0	5,000	5,000	
	<b>Total</b>	<b>164.69</b>	<b>557,018</b>	<b>5,077,880</b>	<b>5,183,927</b>	<b>10,818,825</b>	

**CORE RECONCILIATION DETAIL**

**DEPARTMENT OF NATURAL RESOURCES**  
**WATER INFRASTRUCTURE**

**5. CORE RECONCILIATION DETAIL**

	<b>Budget Class</b>	<b>FTE</b>	<b>GR</b>	<b>Federal</b>	<b>Other</b>	<b>Total</b>	<b>Explanation</b>
<b>TAFP AFTER VETOES</b>	PD	0.00	0	0	657,738,676	657,738,676	
	<b>Total</b>	<b>0.00</b>	<b>0</b>	<b>0</b>	<b>657,738,676</b>	<b>657,738,676</b>	
<b>DEPARTMENT CORE REQUEST</b>	PD	0.00	0	0	657,738,676	657,738,676	
	<b>Total</b>	<b>0.00</b>	<b>0</b>	<b>0</b>	<b>657,738,676</b>	<b>657,738,676</b>	
<b>GOVERNOR'S RECOMMENDED CORE</b>	PD	0.00	0	0	657,738,676	657,738,676	
	<b>Total</b>	<b>0.00</b>	<b>0</b>	<b>0</b>	<b>657,738,676</b>	<b>657,738,676</b>	

**CORE RECONCILIATION DETAIL**

**DEPARTMENT OF NATURAL RESOURCES**  
**WATER QUALITY STUDIES**

**5. CORE RECONCILIATION DETAIL**

			<b>Budget Class</b>	<b>FTE</b>	<b>GR</b>	<b>Federal</b>	<b>Other</b>	<b>Total</b>	<b>Explanation</b>
<b>TAFP AFTER VETOES</b>									
			EE	0.00	0	1,020,001	719,853	1,739,854	
			PD	0.00	0	36,479,999	2,579,999	39,059,998	
			<b>Total</b>	<b>0.00</b>	<b>0</b>	<b>37,500,000</b>	<b>3,299,852</b>	<b>40,799,852</b>	
<b>DEPARTMENT CORE ADJUSTMENTS</b>									
Core Reallocation	1186	1359	EE	0.00	0	0	500,000	500,000	Core reallocations more closely align budget with planned spending.
Core Reallocation	1186	3476	EE	0.00	0	600,000	0	600,000	Core reallocations more closely align budget with planned spending.
Core Reallocation	1186	1359	PD	0.00	0	0	(500,000)	(500,000)	Core reallocations more closely align budget with planned spending.
Core Reallocation	1186	3476	PD	0.00	0	(600,000)	0	(600,000)	Core reallocations more closely align budget with planned spending.
			<b>NET DEPARTMENT CHANGES</b>	<b>0.00</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	
<b>DEPARTMENT CORE REQUEST</b>									
			EE	0.00	0	1,620,001	1,219,853	2,839,854	
			PD	0.00	0	35,879,999	2,079,999	37,959,998	
			<b>Total</b>	<b>0.00</b>	<b>0</b>	<b>37,500,000</b>	<b>3,299,852</b>	<b>40,799,852</b>	
<b>GOVERNOR'S RECOMMENDED CORE</b>									
			EE	0.00	0	1,620,001	1,219,853	2,839,854	
			PD	0.00	0	35,879,999	2,079,999	37,959,998	
			<b>Total</b>	<b>0.00</b>	<b>0</b>	<b>37,500,000</b>	<b>3,299,852</b>	<b>40,799,852</b>	

**CORE RECONCILIATION DETAIL**

**DEPARTMENT OF NATURAL RESOURCES**  
**CAFO CLOSURES**

**5. CORE RECONCILIATION DETAIL**

	<b>Budget Class</b>	<b>FTE</b>	<b>GR</b>	<b>Federal</b>	<b>Other</b>	<b>Total</b>	<b>Explanation</b>
<b>TAFP AFTER VETOES</b>							
	EE	0.00	0	0	6	6	
	PD	0.00	0	0	59,994	59,994	
	<b>Total</b>	<b>0.00</b>	<b>0</b>	<b>0</b>	<b>60,000</b>	<b>60,000</b>	
<b>DEPARTMENT CORE REQUEST</b>							
	EE	0.00	0	0	6	6	
	PD	0.00	0	0	59,994	59,994	
	<b>Total</b>	<b>0.00</b>	<b>0</b>	<b>0</b>	<b>60,000</b>	<b>60,000</b>	
<b>GOVERNOR'S RECOMMENDED CORE</b>							
	EE	0.00	0	0	6	6	
	PD	0.00	0	0	59,994	59,994	
	<b>Total</b>	<b>0.00</b>	<b>0</b>	<b>0</b>	<b>60,000</b>	<b>60,000</b>	

**Department of Natural Resources**

**DECISION ITEM DETAIL**

Budget Unit	FY 2014	FY 2014	FY 2015	FY 2015	FY 2016	FY 2016	FY 2016	FY 2016
Decision Item	ACTUAL	ACTUAL	BUDGET	BUDGET	DEPT REQ	DEPT REQ	GOV REC	GOV REC
Budget Object Class	DOLLAR	FTE	DOLLAR	FTE	DOLLAR	FTE	DOLLAR	FTE
<b>WATER PROTECTION PROGRAM</b>								
<b>CORE</b>								
ADMIN OFFICE SUPPORT ASSISTANT	291,983	9.92	297,736	10.00	297,736	10.00	297,736	10.00
OFFICE SUPPORT ASST (KEYBRD)	41,568	1.86	46,555	2.00	57,593	2.50	57,593	2.50
SR OFC SUPPORT ASST (KEYBRD)	405,280	15.84	433,466	16.60	433,437	16.60	433,437	16.60
ACCOUNTING SPECIALIST I	51,121	1.42	0	0.00	0	0.00	0	0.00
ACCOUNTING SPECIALIST II	169,983	3.93	264,342	6.00	264,335	6.00	264,335	6.00
RESEARCH ANAL I	30,070	0.99	0	0.00	0	0.00	0	0.00
RESEARCH ANAL II	67,669	1.92	102,566	3.00	108,024	3.00	108,024	3.00
RESEARCH ANAL III	40,491	1.00	40,947	1.00	40,951	1.00	40,951	1.00
PUBLIC INFORMATION SPEC II	34,947	1.00	35,378	1.00	35,381	1.00	35,381	1.00
EXECUTIVE I	64,062	2.00	64,897	2.00	64,904	2.00	64,904	2.00
MANAGEMENT ANALYSIS SPEC II	134,940	3.03	181,461	4.00	44,917	1.00	44,917	1.00
PLANNER I	35,571	1.00	36,005	1.00	36,008	1.00	36,008	1.00
PLANNER II	43,587	1.00	44,057	1.00	44,061	1.00	44,061	1.00
PLANNER III	148,158	3.08	145,579	3.00	194,447	4.00	194,447	4.00
ENVIRONMENTAL SPEC I	258,513	8.65	0	0.00	0	0.00	0	0.00
ENVIRONMENTAL SPEC II	264,123	7.46	0	0.00	0	0.00	0	0.00
ENVIRONMENTAL SPEC III	1,238,239	30.15	2,085,273	51.79	2,042,363	51.79	2,042,363	51.79
ENVIRONMENTAL SPEC IV	827,330	17.32	874,458	18.00	950,162	20.00	950,162	20.00
ENVIRONMENTAL ENGR I	16,564	0.39	0	0.00	0	0.00	0	0.00
ENVIRONMENTAL ENGR II	561,557	11.89	707,088	14.80	662,849	13.30	662,849	13.30
ENVIRONMENTAL ENGR III	550,592	9.77	573,464	10.00	697,512	12.00	697,512	12.00
ENVIRONMENTAL ENGR IV	134,429	2.00	135,084	2.00	135,594	2.00	135,594	2.00
WATER SPEC III	81,726	2.00	82,641	2.00	82,649	2.00	82,649	2.00
DESIGN/DEVELOP/SURVEY MGR B2	0	0.00	0	0.00	67,804	1.00	67,804	1.00
DESIGN/DEVELOP/SURVEY MGR B3	2,886	0.04	0	0.00	0	0.00	0	0.00
ENVIRONMENTAL MGR B1	77,479	1.32	120,479	2.00	115,949	2.00	115,949	2.00
ENVIRONMENTAL MGR B2	348,102	5.77	405,072	7.00	231,401	4.00	231,401	4.00
ENVIRONMENTAL MGR B3	63,446	0.91	70,071	1.00	70,069	1.00	70,069	1.00
FISCAL & ADMINISTRATIVE MGR B1	96,652	2.00	98,888	2.00	98,908	2.00	98,908	2.00
FISCAL & ADMINISTRATIVE MGR B2	57,583	1.00	59,629	1.00	59,648	1.00	59,648	1.00
DESIGNATED PRINCIPAL ASST DIV	29,229	0.50	29,769	0.50	29,894	0.50	29,894	0.50
STAFF DIRECTOR	78,804	1.00	79,439	1.00	79,437	1.00	79,437	1.00

**Department of Natural Resources**

**DECISION ITEM DETAIL**

Budget Unit	FY 2014	FY 2014	FY 2015	FY 2015	FY 2016	FY 2016	FY 2016	FY 2016
Decision Item	ACTUAL	ACTUAL	BUDGET	BUDGET	DEPT REQ	DEPT REQ	GOV REC	GOV REC
Budget Object Class	DOLLAR	FTE	DOLLAR	FTE	DOLLAR	FTE	DOLLAR	FTE
<b>WATER PROTECTION PROGRAM</b>								
<b>CORE</b>								
CLERK	25,210	0.83	0	0.00	0	0.00	0	0.00
MISCELLANEOUS TECHNICAL	27,269	0.76	0	0.00	0	0.00	0	0.00
MISCELLANEOUS PROFESSIONAL	136,362	2.21	0	0.00	0	0.00	0	0.00
SPECIAL ASST PROFESSIONAL	11,849	0.17	0	0.00	68,312	1.00	68,312	1.00
PRINCIPAL ASST BOARD/COMMISSON	67,754	1.00	68,337	1.00	68,336	1.00	68,336	1.00
<b>TOTAL - PS</b>	<b>6,515,128</b>	<b>155.13</b>	<b>7,082,681</b>	<b>164.69</b>	<b>7,082,681</b>	<b>164.69</b>	<b>7,082,681</b>	<b>164.69</b>
TRAVEL, IN-STATE	97,859	0.00	80,345	0.00	80,345	0.00	80,345	0.00
TRAVEL, OUT-OF-STATE	41,887	0.00	25,012	0.00	25,012	0.00	25,012	0.00
SUPPLIES	172,031	0.00	150,687	0.00	150,687	0.00	150,687	0.00
PROFESSIONAL DEVELOPMENT	194,005	0.00	91,856	0.00	91,856	0.00	91,856	0.00
COMMUNICATION SERV & SUPP	60,505	0.00	63,356	0.00	63,356	0.00	63,356	0.00
PROFESSIONAL SERVICES	2,139,054	0.00	3,221,084	0.00	3,221,084	0.00	3,221,084	0.00
M&R SERVICES	3,855	0.00	37,927	0.00	32,927	0.00	32,927	0.00
MOTORIZED EQUIPMENT	0	0.00	5	0.00	5	0.00	5	0.00
OFFICE EQUIPMENT	7,814	0.00	29,510	0.00	29,510	0.00	29,510	0.00
OTHER EQUIPMENT	19,725	0.00	15,768	0.00	20,768	0.00	20,768	0.00
PROPERTY & IMPROVEMENTS	0	0.00	631	0.00	631	0.00	631	0.00
BUILDING LEASE PAYMENTS	7,101	0.00	3,704	0.00	3,704	0.00	3,704	0.00
EQUIPMENT RENTALS & LEASES	226	0.00	3,481	0.00	3,481	0.00	3,481	0.00
MISCELLANEOUS EXPENSES	14,322	0.00	7,778	0.00	7,778	0.00	7,778	0.00
<b>TOTAL - EE</b>	<b>2,758,384</b>	<b>0.00</b>	<b>3,731,144</b>	<b>0.00</b>	<b>3,731,144</b>	<b>0.00</b>	<b>3,731,144</b>	<b>0.00</b>
REFUNDS	0	0.00	5,000	0.00	5,000	0.00	5,000	0.00
<b>TOTAL - PD</b>	<b>0</b>	<b>0.00</b>	<b>5,000</b>	<b>0.00</b>	<b>5,000</b>	<b>0.00</b>	<b>5,000</b>	<b>0.00</b>
<b>GRAND TOTAL</b>	<b>\$9,273,512</b>	<b>155.13</b>	<b>\$10,818,825</b>	<b>164.69</b>	<b>\$10,818,825</b>	<b>164.69</b>	<b>\$10,818,825</b>	<b>164.69</b>
<b>GENERAL REVENUE</b>	<b>\$536,329</b>	<b>8.85</b>	<b>\$557,018</b>	<b>9.00</b>	<b>\$557,018</b>	<b>9.00</b>	<b>\$557,018</b>	<b>9.00</b>
<b>FEDERAL FUNDS</b>	<b>\$4,280,076</b>	<b>64.62</b>	<b>\$5,177,880</b>	<b>72.21</b>	<b>\$5,077,880</b>	<b>70.71</b>	<b>\$5,077,880</b>	<b>70.71</b>
<b>OTHER FUNDS</b>	<b>\$4,457,107</b>	<b>81.66</b>	<b>\$5,083,927</b>	<b>83.48</b>	<b>\$5,183,927</b>	<b>84.98</b>	<b>\$5,183,927</b>	<b>84.98</b>

**Department of Natural Resources**

**DECISION ITEM DETAIL**

Budget Unit	FY 2014	FY 2014	FY 2015	FY 2015	FY 2016	FY 2016	FY 2016	FY 2016
Decision Item	ACTUAL	ACTUAL	BUDGET	BUDGET	DEPT REQ	DEPT REQ	GOV REC	GOV REC
Budget Object Class	DOLLAR	FTE	DOLLAR	FTE	DOLLAR	FTE	DOLLAR	FTE
<b>WATER INFRASTRUCTURE</b>								
<b>CORE</b>								
PROGRAM DISTRIBUTIONS	131,191,655	0.00	657,738,676	0.00	657,738,676	0.00	657,738,676	0.00
TOTAL - PD	131,191,655	0.00	657,738,676	0.00	657,738,676	0.00	657,738,676	0.00
<b>GRAND TOTAL</b>	<b>\$131,191,655</b>	<b>0.00</b>	<b>\$657,738,676</b>	<b>0.00</b>	<b>\$657,738,676</b>	<b>0.00</b>	<b>\$657,738,676</b>	<b>0.00</b>
GENERAL REVENUE	\$0	0.00	\$0	0.00	\$0	0.00	\$0	0.00
FEDERAL FUNDS	\$0	0.00	\$0	0.00	\$0	0.00	\$0	0.00
OTHER FUNDS	\$131,191,655	0.00	\$657,738,676	0.00	\$657,738,676	0.00	\$657,738,676	0.00

**Department of Natural Resources**

**DECISION ITEM DETAIL**

Budget Unit	FY 2014	FY 2014	FY 2015	FY 2015	FY 2016	FY 2016	FY 2016	FY 2016
Decision Item	ACTUAL	ACTUAL	BUDGET	BUDGET	DEPT REQ	DEPT REQ	GOV REC	GOV REC
Budget Object Class	DOLLAR	FTE	DOLLAR	FTE	DOLLAR	FTE	DOLLAR	FTE
<b>WATER QUALITY STUDIES</b>								
<b>CORE</b>								
SUPPLIES	0	0.00	1	0.00	1	0.00	1	0.00
PROFESSIONAL SERVICES	1,593,815	0.00	1,739,852	0.00	2,839,852	0.00	2,839,852	0.00
OTHER EQUIPMENT	0	0.00	1	0.00	1	0.00	1	0.00
<b>TOTAL - EE</b>	<b>1,593,815</b>	<b>0.00</b>	<b>1,739,854</b>	<b>0.00</b>	<b>2,839,854</b>	<b>0.00</b>	<b>2,839,854</b>	<b>0.00</b>
PROGRAM DISTRIBUTIONS	5,009,307	0.00	39,059,998	0.00	37,959,998	0.00	37,959,998	0.00
<b>TOTAL - PD</b>	<b>5,009,307</b>	<b>0.00</b>	<b>39,059,998</b>	<b>0.00</b>	<b>37,959,998</b>	<b>0.00</b>	<b>37,959,998</b>	<b>0.00</b>
<b>GRAND TOTAL</b>	<b>\$6,603,122</b>	<b>0.00</b>	<b>\$40,799,852</b>	<b>0.00</b>	<b>\$40,799,852</b>	<b>0.00</b>	<b>\$40,799,852</b>	<b>0.00</b>
<b>GENERAL REVENUE</b>	<b>\$0</b>	<b>0.00</b>	<b>\$0</b>	<b>0.00</b>	<b>\$0</b>	<b>0.00</b>	<b>\$0</b>	<b>0.00</b>
<b>FEDERAL FUNDS</b>	<b>\$5,790,082</b>	<b>0.00</b>	<b>\$37,500,000</b>	<b>0.00</b>	<b>\$37,500,000</b>	<b>0.00</b>	<b>\$37,500,000</b>	<b>0.00</b>
<b>OTHER FUNDS</b>	<b>\$813,040</b>	<b>0.00</b>	<b>\$3,299,852</b>	<b>0.00</b>	<b>\$3,299,852</b>	<b>0.00</b>	<b>\$3,299,852</b>	<b>0.00</b>

**Department of Natural Resources**

**DECISION ITEM DETAIL**

Budget Unit	FY 2014	FY 2014	FY 2015	FY 2015	FY 2016	FY 2016	FY 2016	FY 2016
Decision Item	ACTUAL	ACTUAL	BUDGET	BUDGET	DEPT REQ	DEPT REQ	GOV REC	GOV REC
Budget Object Class	DOLLAR	FTE	DOLLAR	FTE	DOLLAR	FTE	DOLLAR	FTE
<b>CAFO CLOSURES</b>								
<b>CORE</b>								
PROFESSIONAL SERVICES	0	0.00	3	0.00	3	0.00	3	0.00
PROPERTY & IMPROVEMENTS	0	0.00	1	0.00	1	0.00	1	0.00
MISCELLANEOUS EXPENSES	0	0.00	2	0.00	2	0.00	2	0.00
<b>TOTAL - EE</b>	<b>0</b>	<b>0.00</b>	<b>6</b>	<b>0.00</b>	<b>6</b>	<b>0.00</b>	<b>6</b>	<b>0.00</b>
PROGRAM DISTRIBUTIONS	0	0.00	59,994	0.00	59,994	0.00	59,994	0.00
<b>TOTAL - PD</b>	<b>0</b>	<b>0.00</b>	<b>59,994</b>	<b>0.00</b>	<b>59,994</b>	<b>0.00</b>	<b>59,994</b>	<b>0.00</b>
<b>GRAND TOTAL</b>	<b>\$0</b>	<b>0.00</b>	<b>\$60,000</b>	<b>0.00</b>	<b>\$60,000</b>	<b>0.00</b>	<b>\$60,000</b>	<b>0.00</b>
GENERAL REVENUE	\$0	0.00	\$0	0.00	\$0	0.00	\$0	0.00
FEDERAL FUNDS	\$0	0.00	\$0	0.00	\$0	0.00	\$0	0.00
OTHER FUNDS	\$0	0.00	\$60,000	0.00	\$60,000	0.00	\$60,000	0.00

## PROGRAM DESCRIPTION

Department of Natural Resources

DEQ - Water Protection Program

Program is found in the following core budget(s): Water Protection Program

### 1. What does this program do?

The Water Protection Program helps ensure clean and safe water for all Missourians. To help ensure safe drinking water, the program provides financial and technical assistance to public drinking water supplies, sets standards for safety and testing, issues permits and conducts compliance and enforcement efforts where necessary. Clean water is a vital part of a healthy economy. The program protects Missouri's surface water and groundwater (GW) for drinking, recreational, fishing, farming and industrial uses. To help ensure clean water, the program classifies waters, establishes safe levels of pollutants, issues permits for wastewater treatment discharges and provides technical and financial assistance to improve water quality. The program monitors the water quality of streams and lakes and develops strategies to restore impaired waters; permits large concentrated animal feeding operations; and administers low-interest loan and grant programs to help ensure Missouri communities develop adequate water infrastructure at an affordable cost and maintain and repair aging infrastructure. The program also trains and certifies operators at Missouri's water supply and wastewater treatment plants.

The Water Infrastructure PSD allows the department to provide financial assistance to Missouri communities for the construction of new, and the improvement of existing, drinking water, domestic wastewater, animal wastewater, storm water control and rural water supply and sewer systems. These systems protect the water quality of the state, supply its citizens with affordable, safe drinking water and provide protection from storm water damage. The Water Protection Program's Financial Assistance Center issues financial assistance through the Clean Water and Drinking Water State Revolving Funds (SRF) and through funding sources made available in Constitutional Amendment 7 passed in 1998. From 1989 through June 30, 2014, the department's Clean Water and Safe Drinking Water State Revolving Funds have provided more than \$2.8 billion to Missouri communities, through the purchase of municipal debt obligations and the issuance of low-interest loans and grants, saving communities more than \$1.1 billion in interest costs. While there is no formal mechanism for tracking the number of jobs created by SRF projects in Missouri, the National Utility Contractors Association (NUCA) developed a method for estimating job creation: for every \$1 billion of construction, 20,003 to 26,669 jobs are created. Applying this to our SRF portfolio of \$2.8 billion, we estimate that the SRF has created in the range of 56,413 to 75,213 jobs in Missouri since inception.

These programs provide Missourians with affordable, safe drinking water and wastewater services and protect streams and lakes from pollution. New and improved infrastructure results in jobs that promote economic vitality.

## PROGRAM DESCRIPTION

Department of Natural Resources

DEQ - Water Protection Program

Program is found in the following core budget(s): Water Protection Program

### 1. What does this program do (continued)?

Public Drinking Water Sample Analysis: Chapter 640.100.3 RSMo requires the department to provide routine sampling for Missouri's 1,439 community and 1,286 non-community public water systems. These systems must be routinely inspected and samples from each must be frequently analyzed to assure the integrity of public water systems. Through this appropriation, the department contracts to fulfill the requirement for chemical analyses that exceeds the capacity of its Environmental Services Program, or bacteriological analyses that cannot be performed by either this agency or the Department of Health and Senior Services. Drinking water can be a principal agent in the transmittal of communicable diseases caused by various microorganisms including viruses, bacteria and protozoa. In addition, drinking water can be a significant catalyst to humans for exposure to dozens of man-made and naturally occurring chemicals that cause increased risk for cancer and other toxic effects.

Water Quality Studies: The department estimates that Missouri has over 258,886 miles of streams. As reported in the 2014 Missouri Integrated Water Quality Report, 24,491 miles are classified for various uses. Missouri has more than 303,014 acres of classified lakes that permanently support aquatic life, as well as 4,480 mapped springs. Water quality studies and projects funded by the department regularly monitors approximately 10% of the state's classified waters. Data collected through these monitoring efforts is used to assess, protect and restore the quality of Missouri's waters. Most of the activities funded under the monitoring program are conducted by other government entities, watershed groups, universities, nonprofit organizations and others through contracts with the department. The Water Protection Program provides guidance and oversight of this monitoring to ensure efficient use of funds and appropriate focus of effort.

Additionally, the department uses this appropriation to fund studies to evaluate a public water supply system for the purpose of developing an engineering report that will make recommendations for updating and upgrading the system's infrastructure; and to determine the most appropriate course of action to protect and maintain the quality of the source of its water, either surface water or ground water, and to ensure the citizens are consistently provided with clean water that is safe to drink. This may include improving the system's infrastructure or other changes.

The department protects Missouri's water resources by permitting and inspecting potential sources of pollution at facilities throughout the state. Future improvements will require a new approach – one that looks at the whole watershed and all the potential sources of water pollution. The department has implemented the "Our Missouri Waters" initiative which will modernize and streamline the way the department conducts watershed planning to better target our resources and provide a greater environmental benefit to the state of Missouri. Stakeholders, partnering agencies and the public are playing a critical role. With these partners, the department is working to improve watershed planning, identify issues within watersheds and utilize tools that are best suited to address those watershed-specific issues.

CAFO Closures PSD: This appropriation allows for the expenditure of funds to close abandoned lagoons at concentrated animal feeding operations (CAFO). CAFOs that are subject to mandatory permits are designed to protect or avoid adverse impact on water quality in Missouri's lakes, streams and GW. Pursuant to Section 640.745 RSMo, the owner of each Class IA CAFO remits 10 cents per animal unit permitted to the CAFO Indemnity Fund on an annual basis for a period of 10 years. The appropriation allows the department to promptly address the closure of lagoons when the control of a facility has been placed with state or local government due to bankruptcy, failure to pay property taxes or abandonment. The fund is administered by the department and is to be expended on the closure of Class IA, Class IB, Class IC or Class II CAFO wastewater lagoons. Additionally, when the department determines that an owner has successfully closed a CAFO, all moneys paid into the fund by the operation are returned to the owner.

**PROGRAM DESCRIPTION**

**Department of Natural Resources**

**DEQ - Water Protection Program**

**Program is found in the following core budget(s): Water Protection Program**

**1. What does this program do (continued)?**

Water Protection Program - Reconciliation					
	FY 2012	FY 2013	FY 2014	FY 2015	FY 2016
	Actual	Actual	Actual	Current	Gov Rec
Water Protection Operations (78847C)	8,202,844	8,502,780	9,273,512	10,818,825	10,818,825
Water Infrastructure PSD (79415C)	120,115,928	128,685,622	131,191,655	657,738,676	657,738,676
Water Quality Studies PSD (79405C)	3,808,500	5,354,819	6,603,122	40,799,852	40,799,852
CAFO Closures PSD (79425C)	0	0	0	60,000	60,000
<b>Total</b>	<b>132,127,272</b>	<b>142,543,221</b>	<b>147,068,289</b>	<b>709,417,353</b>	<b>709,417,353</b>

Note: FY 2015 and FY 2016 include appropriation authority of \$333,529,824 to be used for encumbrance purposes only related to Water Infrastructure loans and grants and \$26,000,000 to be used for encumbrance purposes only for Water Quality Studies.

**2. What is the authorization for this program, i.e., federal or state statute, etc.? (Include the federal program number, if applicable.)**

Title 42, Chapter 6A, Subchapter XII, Part B, § 300(g)	Federal Safe Drinking Water Act
Title 33, Chapter 26, Subchapters I-IV	Federal Clean Water Act
Section 319(h)	Federal Clean Water Act
Section 604(b)	Federal Clean Water Act
Section 104(b)(3)	Federal Clean Water Act
Public Law (107-117)	Recovery from and Response to Terrorist Attacks on the United States Act, 2002
USGS Organic Act of 1879	USGS Survey Research and Data Acquisition
Missouri Constitution Article III, Sect 37(c),(e),(g), & (h)	Water Pollution Control and Storm Water Control Bonds
RSMo Chapter 644	Missouri Clean Water Law
RSMo 640.100 through 640.140	Missouri Drinking Water Law
RSMo 640.100.3 and 640.120	Water Testing Required
RSMo 644.006 through 644.096 and RSMo 644.125 through 644.150	Planning, Permitting, Inspection, Remediation, Technical Assistance, Enforcement and Wastewater Operator Certification
RSMo 640.700 through 640.758	Concentrated Animal Feeding Operation
RSMo 644.101 through 644.124	Water Pollution Grants and Loans or Revolving Fund
RSMo 644.500 through 644.564	Water Pollution Bonds
RSMo 640.130	Emergencies (Drinking Water Supplies) - actions to be taken - penalties

**PROGRAM DESCRIPTION**

**Department of Natural Resources**

**DEQ - Water Protection Program**

**Program is found in the following core budget(s): Water Protection Program**

**3. Are there federal matching requirements? If yes, please explain.**

Clean Water Act §319(h) Non-point Source Management Grant	40% State/Local (EPA)
Clean Water Act §604(b) Water Quality Management Planning Grant	100% Federal (EPA)
Special Infrastructure Administration Grant	100% Federal (EPA)
Clean Water State Revolving Fund Capitalization Grant	20% State/Local (EPA)
Drinking Water State Revolving Fund Capitalization Grant	20% State/Local (EPA)
Performance Partnership Grant funds for Water Pollution	12% State (EPA)
Performance Partnership Grant funds for Drinking Water	33% State (EPA)
Section 106 Special Monitoring Grant	100% Federal (EPA)
National Hydrology Maintenance Dataset Grant	50% State (USGS)
Wetland Program Development Grant	25% State (EPA)

**4. Is this a federally mandated program? If yes, please explain.**

The Environmental Protection Agency has delegated authority to the department to ensure compliance with the requirements of the federal Clean Water Act and the federal Safe Drinking Water Act. This includes the Clean Water State Revolving Fund and Drinking Water State Revolving Fund.

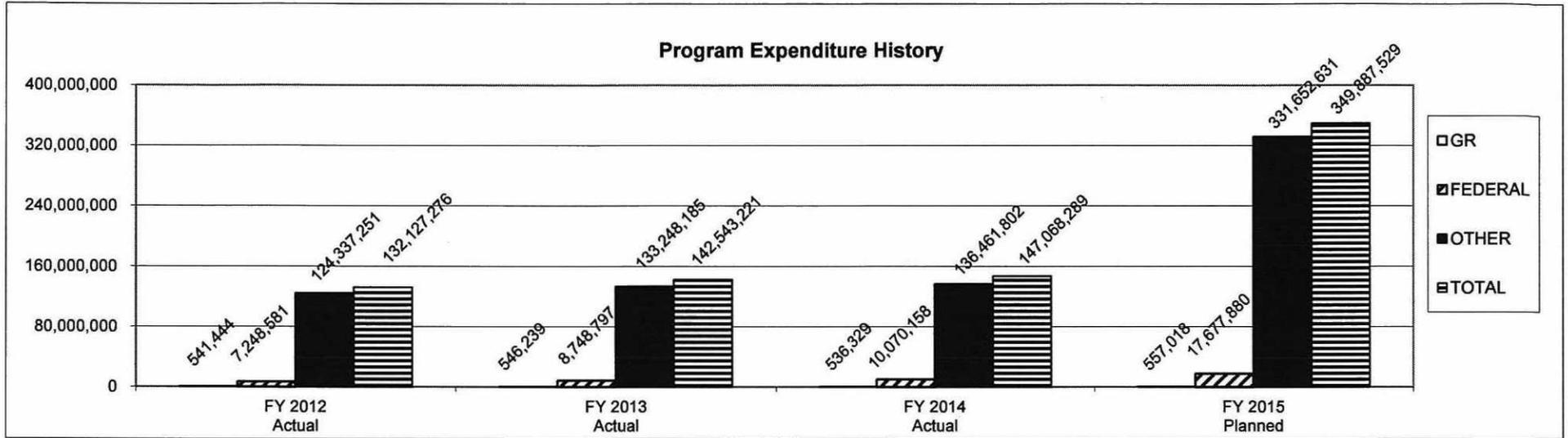
The federal Safe Drinking Water Act requires public drinking water systems to conduct routine chemical, radiological and microbiological monitoring of the water. Chapter 640.100.3 RSMo mandates that the state will provide this monitoring for these drinking water systems.

Water Quality Studies support the federally mandated Clean Water Act (CWA) through CWA 305(b) reporting, CWA 303(d) list development, CWA Total Maximum Daily Load (TMDL) development, and CWA 402 National Pollution Discharge Elimination System (NPDES) permit development. Water Quality projects and studies will promote improvement in water quality when performed in accordance with CWA 319 and 604(b) requirements and TMDL's.

**PROGRAM DESCRIPTION**

**Department of Natural Resources**  
**DEQ - Water Protection Program**  
**Program is found in the following core budget(s): Water Protection Program**

**5. Provide actual expenditures for the prior three fiscal years and planned expenditures for the current fiscal year.**



Notes: Actual expenditures for all fiscal years are as of June 30 and do not include lapse period activities. Financial data includes operating and pass-through appropriations. In many cases, pass through appropriation has been provided to allow for encumbrance and payment of our commitments, which often span multiple fiscal years causing high unexpended balances. Beginning in FY 2014, appropriation authority of \$333,529,824 related to Water Infrastructure loans and grants and \$26,000,000 related to Water Quality Studies was provided for encumbrance purposes only, which is not included in the data above. Otherwise, FY 2015 Planned is shown at full appropriation.

**6. What are the sources of the "Other " funds?**

Stormwater Control Fund (0302); Water Pollution Control Funds (0329, 0330); Natural Resources Protection Fund - Damages Subaccount (0555); Natural Resources Protection Fund - Water Pollution Permit Fee Subaccount (0568); Water and Wastewater Loan Revolving Fund (0602); Water and Wastewater Loan Fund (0649); Safe Drinking Water Fund (0679); Stormwater Loan Revolving Fund (0754); Rural Water and Sewer Loan Revolving Fund (0755); Concentrated Animal Feeding Operation Indemnity Fund (0834)

**PROGRAM DESCRIPTION**

**Department of Natural Resources**

**DEQ - Water Protection Program**

**Program is found in the following core budget(s): Water Protection Program**

**7a. Provide an effectiveness measure.**

**Compliance Monitoring Activities**

**PDW = Public Drinking Water WPC = Water Pollution Control**

	FY 2012 Actual		FY 2013 Actual		FY 2014 Actual	
	PDW	WPC	PDW	WPC	PDW	WPC
Regulated Facilities	2,747	13,187	2,716	13,593	2,725	11,023
Inspections	2,439	2,207	2,600	2,292	3,274	2,234
Letters of Warning (LOW)	1,954	2,287	1,400	2,276	1,128	2,013
Notices of Violation (NOV)	261	1,384	634	978	779	1,700
Settlements	21	46	25	43	8	44
Referrals	235	141	45	125	50	110

	FY 2015 Projected		FY 2016 Projected		FY 2017 Projected	
	PDW	WPC	PDW	WPC	PDW	WPC
Regulated Facilities	2,729	12,601	2,729	12,601	2,729	12,601
Inspections	3,300	2,400	3,300	2,400	3,300	2,400
Letters of Warning (LOW)	1,400	2,192	1,400	2,192	1,300	2,192
Notices of Violation (NOV)	650	1,354	650	1,354	700	1,354
Settlements	20	44	20	44	14	44
Referrals	35	125	35	125	45	125

Notes: Actual and projected numbers for PDW LOWs issued include Total Coliform Rule violations, Groundwater Rule violations, Operator Certification violations for not having certified operators, and violations for non-payment of statutory fees. Implementation of the federal groundwater rule requires a greater inspection frequency and has resulted in an increase in the number of inspections in FY 2014. Restructuring of water pollution control responsibilities during FY 2012 resulted in an increased number of inspections as regional office staff are able to focus attention on compliance and assistance for wastewater facilities. WPC LOWs and NOVs include those issued for non-payment of statutory fees. Since FY 2010, the program has maintained a consistent collection effort on unpaid statutory fees for both drinking water and clean water. PDW and WPC both issue Administrative Orders of Consent (AOC) which is a settlement agreement directly between the department and the responsible party. Use of AOCs has reduced the number of settlement agreements needed through the Attorney General's Office (AGO). Future projections for both programs represent 25% - 30% of settlements through the AGO and remaining through AOCs. Projections for referrals include 30 facilities for PDW and 60 facilities for WPC referred to the AGO for collection of unpaid statutory fees. In FY 2014 the WPC terminated old land disturbance and operating permits that were no longer active, resulting in a decreased number of regulated facilities. Projections for the number of Regulated Facilities are based on the average number of Regulated Facilities for the past three years.

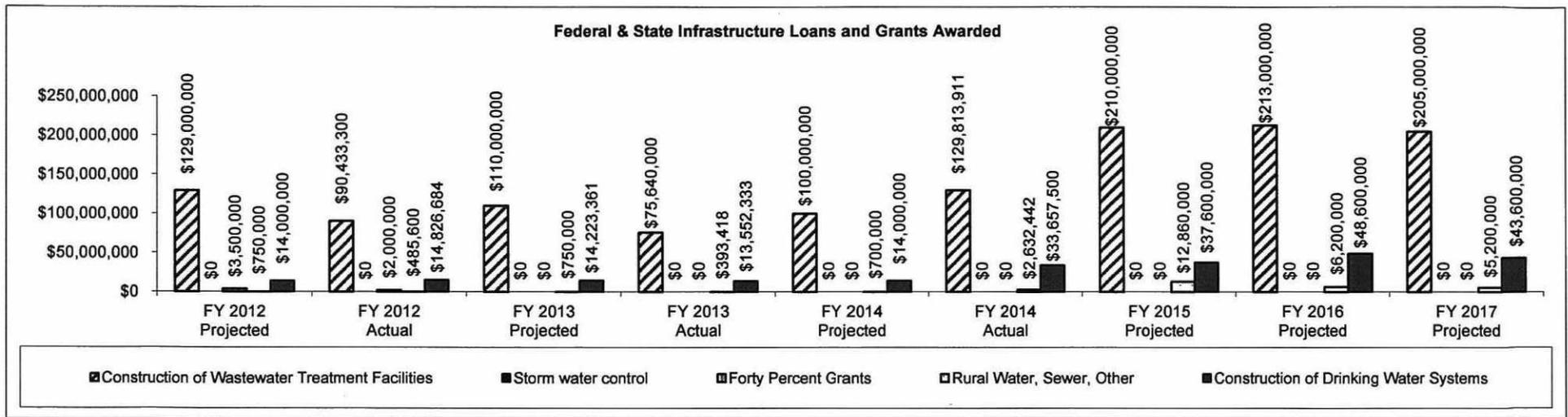
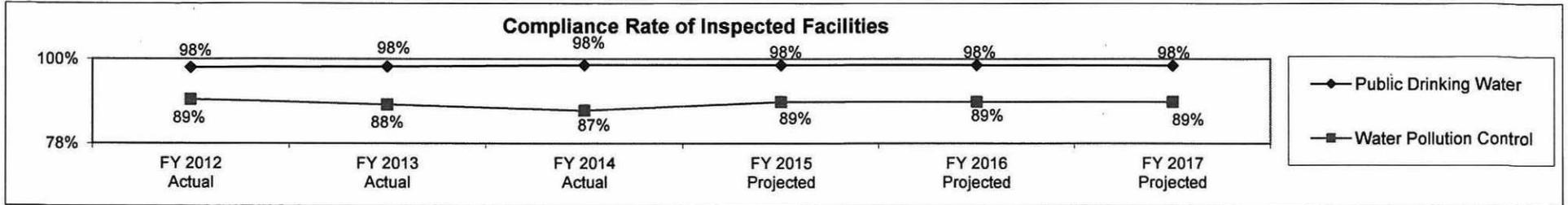
**PROGRAM DESCRIPTION**

**Department of Natural Resources**

**DEQ - Water Protection Program**

**Program is found in the following core budget(s): Water Protection Program**

**7a. Provide an effectiveness measure (continued).**



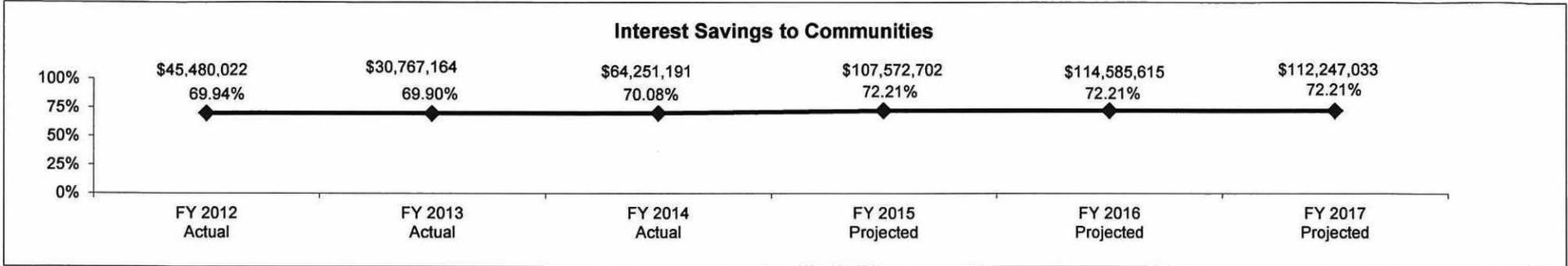
Note: To fully utilize and maximize Recovery Act funding allotted to Missouri for construction of wastewater facilities, base program money was utilized and combined with Recovery Act funds to fully fund individual construction projects resulting in an increase in the federal and state dollars awarded, primarily the Rural Water, Sewer & Other grants. We anticipate a general obligation SRF bond sale through EIARA in FY 2015. The Construction of Wastewater Treatment Facilities and Drinking Water Systems include an expansion received in the FY 2015 budget.



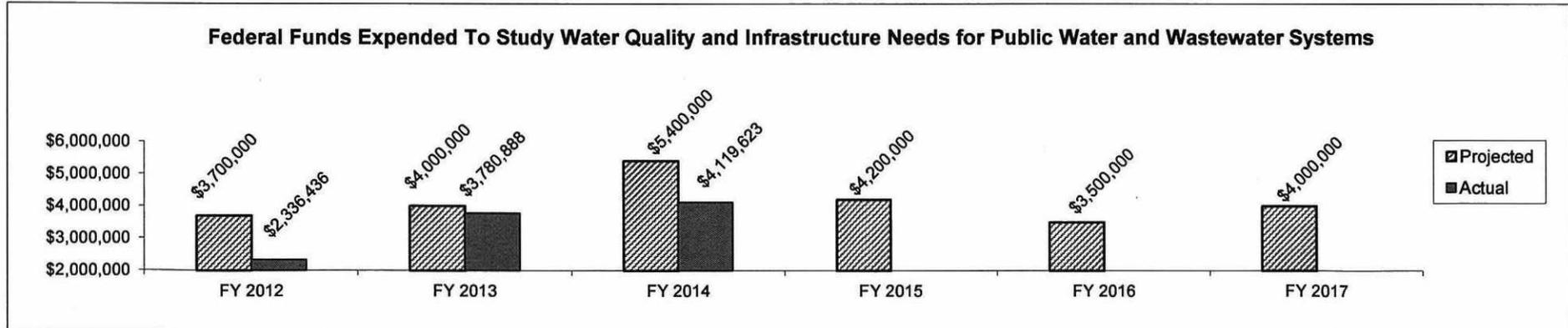
**PROGRAM DESCRIPTION**

**Department of Natural Resources**  
**DEQ - Water Protection Program**  
**Program is found in the following core budget(s): Water Protection Program**

**7a. Provide an effectiveness measure (continued).**



The financing provided through the State Revolving Fund (SRF) allows communities to save approximately 70% of the interest cost of a conventional loan. Conventional interest cost is taken from the Lamont Financial composite schedule, Bond Debt Service page. For FY 2014, the conventional interest rate was 5.5% as compared to the SRF interest rate of 2.5%; a difference of 3% resulting in an overall savings to Missouri communities of \$64,251,191. There were no bond closings in FY 2014.



Beginning in FY 2010, government entities receiving grants increased for grants to public water systems for studies to assess the system and develop and submit an engineering report containing recommendations to improve the system, as well as studies to protect source water and groundwater. In FY 2014, grants were awarded for public water systems to have plans and specifications created for the system improvements.

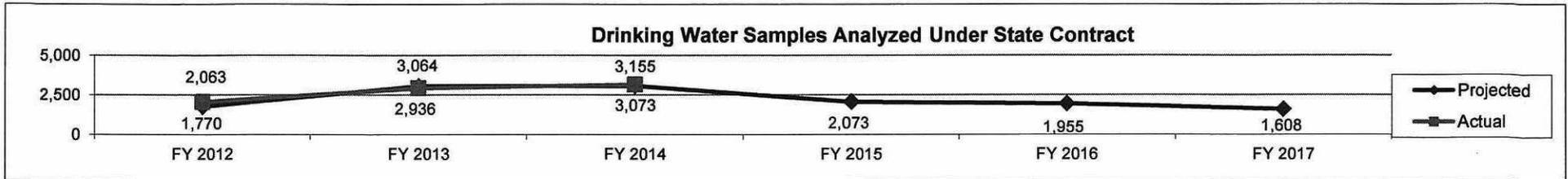
**PROGRAM DESCRIPTION**

**Department of Natural Resources**

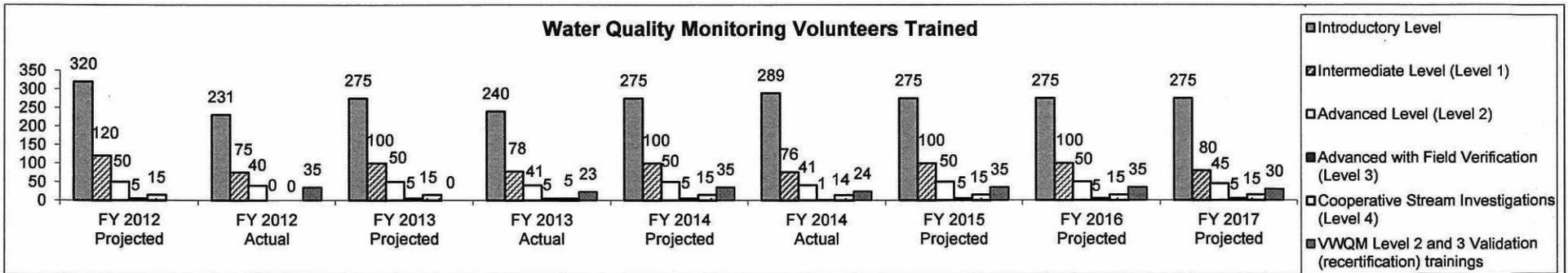
**DEQ - Water Protection Program**

**Program is found in the following core budget(s): Water Protection Program**

**7a. Provide an effectiveness measure (continued).**



Note: A third round of federal requirements to test for unregulated contaminants (UCMR3) began in CY 2013 and was conducted in the last 6 months of FY 2013 and the first 6 months of FY 2014.



FY 2012 Actuals - Level 3 and Level 4 training sessions had to be cancelled due to unexpected and unavoidable circumstances. Although the training was not included in the FY 2012 projections, FY 2012 reflects the first year for holding recertification trainings for volunteer water quality monitors. The Stream Team and Volunteer Water Quality Monitoring (VWQM) Programs provide opportunities for citizens to get involved in water resource issues. Offerings include training and equipment for water quality monitoring, educational workshops, supplies for litter pick-ups, trees for riparian corridor restoration, and networking of citizens within a watershed. Two state agencies, the departments of Conservation and Natural Resources, and a not-for-profit environmental organization, the Conservation Federation of Missouri, jointly sponsor the programs.

**PROGRAM DESCRIPTION**

**Department of Natural Resources**  
**DEQ - Water Protection Program**  
**Program is found in the following core budget(s): Water Protection Program**

**7b. Provide an efficiency measure.**

Every dollar in Personal Services spent in the Infrastructure program generates construction dollars in Missouri communities.

	FY 2012 Projected	FY 2012 Actual	FY 2013 Projected	FY 2013 Actual	FY 2014 Projected	FY 2014 Actual	FY 2015 Projected	FY 2016 Projected	FY 2017 Projected
Personal Services Costs	\$2,762,658	\$2,687,034	\$2,767,645	\$2,615,949	\$2,850,675	\$3,269,787	\$3,367,880	\$3,468,917	\$3,572,984
Construction Dollars Awarded	\$147,250,000	\$107,745,584	\$124,973,361	\$89,585,751	\$114,700,000	\$166,103,853	\$259,460,000	\$266,800,000	\$266,800,000
Ratio Cost:Generation	\$1:\$53	\$1:\$40	\$1:\$45	\$1:\$34	\$1:\$40	\$1:\$51	\$1:\$77	\$1:\$77	\$1:\$75

Personal services costs are incurred by the Water Protection Program to make federal and state loans and grants awards to Missouri communities. These costs include direct personnel costs, fringe and indirect.

**PROGRAM DESCRIPTION**

**Department of Natural Resources**

**DEQ - Water Protection Program**

**Program is found in the following core budget(s): Water Protection Program**

**7b. Provide an efficiency measure (continued).**

**Number of permit actions for control of discharges to the waters of the state completed each fiscal year**

	FY 2012 Projected	FY 2012 Actual	FY 2013 Projected	FY 2013 Actual	FY 2014 Projected	FY 2014 Actual	FY 2015 Projected	FY 2016 Projected	FY 2017 Projected
Number of Missouri State Operating permit actions completed	7,500	6,533	2,600	3,476	4,000	4,728	4,000	4,000	4,000
Percent of new 60-day operating permits issued w/in statutory deadlines	100%	66%	100%	64%	100%	47%	100%	100%	100%
Percent of new 180-day operating permits issued w/in statutory deadlines	100%	54%	100%	67%	100%	57%	100%	100%	100%
Percent of new construction permits issued within statutory deadlines	100%	88%	100%	67%	100%	97%	100%	100%	100%

Permits are cyclical in nature with permits issued for a period of 5 years. Master general permits are issued to similar facilities that meet all of the requirements of that master general permit. There are several factors that contribute to the fluctuation in the number of permits issued within statutory timeframes. Site specific permit renewals for publicly owned treatment works (POTW) are affected due to drafting findings of affordability as required by RSMo 644.145 for new permit requirements or conditions. Operating permits have been affected by permit centralization which was done to ensure consistency in permitting. Additionally, permits are being synchronized on a watershed basis which in some cases requires staff to hold the permit as expired until its new effective date lines up with those in their watershed. Additional staff have been assigned as permit writers, however it takes approximately one year to train a new permit writer. Permit writer turnover continues to be a struggle of the operating permit section. Projections for future fiscal years reflect the department's goals to address RSMO 640.018.1 regarding timely permit issuance. The WPP also operates an antidegradation program which is a federal requirement. The antidegradation program requires applicants of new or expanded discharges to undertake a structured review of wastewater treatment alternatives to determine if less-degrading options are economically efficient and to make sure that projects are socially and economically important. The WPP currently does not charge fees to cover the cost of reviewing antidegradation submittals.

**PROGRAM DESCRIPTION**

**Department of Natural Resources**  
**DEQ - Water Protection Program**

**Program is found in the following core budget(s): Water Protection Program**

**7c. Provide the number of clients/individuals served, if applicable.**

	<b>FY 2012 Actual</b>	<b>FY 2013 Actual</b>	<b>FY 2014 Actual</b>
Community Public Water Supply Systems	1,458	1,444	1,439
Population Served by Community Water Supply Systems	5,228,618	5,361,567	5,374,197
Non-Community Public Water Supply Systems	1,289	1,272	1,286
Permitted Wastewater & Stormwater Entities	13,187	10,098	10,680
Communities Participating in State's Infrastructure Loans & Grants Programs	17	27	21
Population Served by Communities Receiving Infrastructure Grants & Loans (public wastewater treatment facilities; rural water, sewer & other; drinking water systems)	308,623	853,931	879,729
Government Entities Receiving Water Quality Grants	73	75	82
Nonprofit Organizations & Educational Institutions Receiving Water Quality Grants	5	3	1
Active Water & Wastewater Facility Operator Certifications	9,050	8,931	9,100
Water & Wastewater Operator Certification Examinations Given	1,470	1,395	1,548
Number Attending Water & Wastewater Operator Training Courses	18,838	19,507	21,127

Notes: Community Public Water Supply System - serves residential areas where a minimum of 25 people live all year (i.e. towns, cities, mobile home parks, subdivisions) or systems with a minimum of 15 service connections; Non-community Public Water Supply System - serves transient population of a minimum of 25 people per day (restaurants, schools, businesses, parks, highway rest areas). Beginning in FY 2010, the number of government entities receiving grants increased for grants to public water systems for studies to assess the system and develop and submit an engineering report containing recommendations to improve the system and for projects to protect groundwater and the quality of their source water. Communities receiving infrastructure grants and loans are serving larger populations, thus the increase reported for this measure. The increased Population Served by Community Water Supply Systems is due to populations reported and updated by these systems. The largest increase was from the City of Springfield of 57,000.

**7d. Provide a customer satisfactions measure, if available.**

Not available

**NEW DECISION ITEM**  
**RANK: 005 OF 008**

**Department of Natural Resources** **Budget Unit 78847C**  
**Division of Environmental Quality**  
**Water Quality Standards and Affordability (SB 642 and SB 664)** **DI# 1780001**

**1. AMOUNT OF REQUEST**

	FY 2016 Budget Request					FY 2016 Governor's Recommendation			
	GR	Federal	Other	Total		GR	Federal	Other	Total
<b>PS</b>	290,688	0	0	290,688	<b>PS</b>	0	0	290,688	290,688
<b>EE</b>	84,516	0	0	84,516	<b>EE</b>	0	0	84,516	84,516
<b>PSD</b>	0	0	0	0	<b>PSD</b>	0	0	0	0
<b>TRF</b>	0	0	0	0	<b>TRF</b>	0	0	0	0
<b>Total</b>	<b>375,204</b>	<b>0</b>	<b>0</b>	<b>375,204</b>	<b>Total</b>	<b>0</b>	<b>0</b>	<b>375,204</b>	<b>375,204</b>
<b>FTE</b>	<b>6.00</b>	<b>0.00</b>	<b>0.00</b>	<b>6.00</b>	<b>FTE</b>	<b>0.00</b>	<b>0.00</b>	<b>6.00</b>	<b>6.00</b>

<b>Est. Fringe</b>	139,240	0	0	139,240
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*Note: Fringes budgeted in House Bill 5 except for certain fringes budgeted directly to MoDOT, Highway Patrol, and Conservation.*

<b>Est. Fringe</b>	0	0	139,240	139,240
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*Note: Fringes budgeted in House Bill 5 except for certain fringes budgeted directly to MoDOT, Highway Patrol, and Conservation.*

Other Funds: Not applicable

Other Funds: Natural Resource Protection Fund - Water Pollution Permit Fee Subaccount (0568)

**2. THIS REQUEST CAN BE CATEGORIZED AS:**

<input checked="" type="checkbox"/> New Legislation (SB 642 and SB 664)	<input type="checkbox"/> New Program	<input type="checkbox"/> Fund Switch
<input type="checkbox"/> Federal Mandate	<input type="checkbox"/> Program Expansion	<input type="checkbox"/> Cost to Continue
<input type="checkbox"/> GR Pick-Up	<input type="checkbox"/> Space Request	<input type="checkbox"/> Equipment Replacement
<input type="checkbox"/> Pay Plan	<input type="checkbox"/> Other: _____	

**NEW DECISION ITEM**

**RANK: 005 OF 008**

<b>Department of Natural Resources</b>	<b>Budget Unit 78847C</b>
<b>Division of Environmental Quality</b>	
<b>Water Quality Standards and Affordability (SB 642 and SB 664)</b>	<b>DI# 1780001</b>

**3. WHY IS THIS FUNDING NEEDED? PROVIDE AN EXPLANATION FOR ITEMS CHECKED IN #2. INCLUDE THE FEDERAL OR STATE STATUTORY OR CONSTITUTIONAL AUTHORIZATION FOR THIS PROGRAM.**

Senate Bill 642 and Senate Bill 664, passed in the 2014 legislative session, created a new section within Missouri Clean Water Law (RSMO 644.058) requiring the department to complete an assessment of environmental need when promulgating new water quality standards. Additionally, the new section requires the department to conduct an evaluation of the environmental and economic impacts of revised water quality criteria during implementation of the revised water quality standards. The environmental and economic impact studies must be done on an eight-digit hydrologic unit code basis when the modifications to water quality standards are twenty-five percent or more. The Watershed Protection Section routinely conducts environmental and economic impacts for water quality standard rulemakings and water quality assessments for implementation of water quality standards in discharge permits. However, the additional work identified by the new senate bills requires even more detailed environmental and economic analysis and reporting for rule promulgation and implementation. The current staffing level and position type within the section are not sufficient to conduct these activities in a timely manner and to the specific degree required by RSMO 644.058. Additional resources are necessary to demonstrate the environmental need for new water quality standards revisions and to conduct the 66 unique environmental and economic impact studies across the state prior to the Clean Water Commission implementing revised water quality standards. The new process would require additional FTE for the department to conduct the required studies and evaluate results.

SB 642 and SB 664 contained changes to RSMO 644.145 requiring rates paid by customers of publicly owned combined or separate sanitary or storm sewer systems or treatment works be tracked, documented, and analyzed to perform a finding of affordability. This information would be reported annually to the governor, speaker of the house of representatives, the president pro tempore of the senate, and the chairs of the committees in both houses having primary jurisdiction over natural resource issues. The Operating Permits Section has been conducting findings of affordability with current environmental specialist permit writing staff, however the current staffing level and position type have never been sufficient to conduct affordability work in a timely manner or to the specific degree as required by RSMO 644. The additional work identified by the new senate bills requires even more detailed economic analysis and reporting which has led to the need of additional resources that can focus on economic issues pertaining to the cost of compliance with new permit requirements when compared to the socio and economic data of a community.

NEW DECISION ITEM  
RANK: 005 OF 008

<u>Department of Natural Resources</u>	<u>Budget Unit 78847C</u>
<u>Division of Environmental Quality</u>	
<u>Water Quality Standards and Affordability (SB 642 and SB 664)</u>	<u>DI# 1780001</u>

**4. DESCRIBE THE DETAILED ASSUMPTIONS USED TO DERIVE THE SPECIFIC REQUESTED AMOUNT. (How did you determine that the requested number of FTE were appropriate? From what source or standard did you derive the requested levels of funding? Were alternatives such as outsourcing or automation considered? If based on new legislation, does request tie to TAFP fiscal note? If not, explain why. Detail which portions of the request are one-times and how those amounts were calculated.)**

The Missouri Clean Water Law and the federal Clean Water Act require that state water quality standards be reviewed at least once every three years. Every changed water quality criteria that is implemented through permits would require an independent environmental economic study. There are 66 eight-digit hydrologic unit codes in Missouri. Each of these would require a study every three years. While these studies could be conducted by the department, staffing is not currently available. FTEs hired to do these studies would have no duties other than these studies. Each study would take approximately 378 hours. A third of the studies would be conducted each year. Three fourths of the study would be environmentally related and one fourth of the study would be economically related. Consistent with our fiscal notes, the department is requesting two Economist positions, three Environmental Specialist positions and one Senior Office Support Assistant position to support this effort. The costs to implement this legislation are not currently built into the water permit fee structure, therefore, General Revenue is requested.

Section 644.058  
66 studies over 3 year period = 22 studies per year  
378 hours per study x 22 studies = 8,316 hours total  
8,316 / 2,080 work hours per year = 4 FTE  
     $\frac{3}{4}$  of the studies would be environmental = 3 FTE  
     $\frac{1}{4}$  of the studies would be economic = 1 FTE

Work performed by the Environmental Specialists (3 FTE):  
Each watershed will need to have a Quality Assurance Project Plan (QAPP) developed to determine the protocol and extent of the study. QAPP's would be followed by workplan development. Each watershed would need a study of the streams and dischargers in those watersheds as it pertains to the Water Quality Standard changes. This would involve multiple site visits during various times of year. Some eight-digit hydrologic unit codes have several streams and multiple discharges all of which have specific characteristics that will need to be evaluated individually and then as a whole.

**NEW DECISION ITEM**  
RANK: 005 OF 008

<b>Department of Natural Resources</b>	<b>Budget Unit <u>78847C</u></b>
<b>Division of Environmental Quality</b>	
<b>Water Quality Standards and Affordability (SB 642 and SB 664)</b>	<b>DI# <u>1780001</u></b>

**4. DESCRIBE THE DETAILED ASSUMPTIONS USED TO DERIVE THE SPECIFIC REQUESTED AMOUNT. (continued)**

Work performed by the Economist (1 FTE):  
Economic data will need to be collected for all the users of waste water treatment facility systems in the watershed. Since watersheds do not follow geopolitical boundaries, this will be very time consuming and involve many assumptions. Once economic data of the users is defined, the economic situation of the watershed will need to be defined regarding economic growth, unemployment, etc. A matrix will then need to be developed from the data and compared to what the cost of the environmental improvement triggered by the potential standard change would require.

Worked performed by the Senior Office Support Assistant (1 FTE) would be required to provide clerical assistance. Clerical support would include composing correspondence, editing a variety of material frequently involving technical or specialized terminology and assisting technical staff with preparation of reports and maintaining records.

Section 644.145

Work performed by the Economist (1 FTE):  
Rates paid by customers of publicly owned combined or separate sanitary or storm sewer systems or treatment works customers would be tracked, documented, and analyzed to perform a finding of affordability.

**NEW DECISION ITEM**

RANK: 005 OF 008

<b>Department of Natural Resources</b>	<b>Budget Unit <u>78847C</u></b>
<b>Division of Environmental Quality</b>	
<b>Water Quality Standards and Affordability (SB 642 and SB 664)</b>	<b>DI# <u>1780001</u></b>

<b>5. BREAK DOWN THE REQUEST BY BUDGET OBJECT CLASS, JOB CLASS, AND FUND SOURCE. IDENTIFY ONE-TIME COSTS.</b>									
<b>Budget Object Class/Job Class</b>	<b>Dept Req GR DOLLARS</b>	<b>Dept Req GR FTE</b>	<b>Dept Req FED DOLLARS</b>	<b>Dept Req FED FTE</b>	<b>Dept Req OTHER DOLLARS</b>	<b>Dept Req OTHER FTE</b>	<b>Dept Req TOTAL DOLLARS</b>	<b>Dept Req TOTAL FTE</b>	<b>Dept Req One-Time DOLLARS</b>
000841/Economist	119,040	2.00					119,040	2.00	
004620/Environmental Specialist III	143,028	3.00					143,028	3.00	
000023/Senior Office Support Assistant	28,620	1.00					28,620	1.00	
<b>Total PS</b>	<b>290,688</b>	<b>6.00</b>	<b>0</b>	<b>0.00</b>	<b>0</b>	<b>0.00</b>	<b>290,688</b>	<b>6.00</b>	<b>0</b>
140/Travel, In-State	8,094						8,094		
160/Travel, Out-of-State	714						714		
190/Supplies	10,170						10,170		
320/Professional Development	2,202						2,202		
340/Communication Servs & Supplies	3,036						3,036		
400/Professional Services	2,346						2,346		
430/M&R Services	6,366						6,366		
480/Computer Equipment	15,078						15,078		12,564
580/Office Equipment	36,252						36,252		36,252
740/Miscellaneous Expenses	258						258		
<b>Total EE</b>	<b>84,516</b>		<b>0</b>		<b>0</b>		<b>84,516</b>		<b>48,816</b>
<b>Total PSD</b>	<b>0</b>		<b>0</b>		<b>0</b>		<b>0</b>		<b>0</b>
<b>Total TRF</b>	<b>0</b>		<b>0</b>		<b>0</b>		<b>0</b>		<b>0</b>
<b>Grand Total</b>	<b>375,204</b>	<b>6.00</b>	<b>0</b>	<b>0.00</b>	<b>0</b>	<b>0.00</b>	<b>375,204</b>	<b>6.00</b>	<b>48,816</b>

**NEW DECISION ITEM**  
**RANK: 005 OF 008**

<b>Department of Natural Resources</b>		<b>Budget Unit 78847C</b>							
<b>Division of Environmental Quality</b>									
<b>Water Quality Standards and Affordability (SB 642 and SB 664) DI# 1780001</b>									
<b>Budget Object Class/Job Class</b>	<b>Gov Rec GR DOLLARS</b>	<b>Gov Rec GR FTE</b>	<b>Gov Rec FED DOLLARS</b>	<b>Gov Rec FED FTE</b>	<b>Gov Rec OTHER DOLLARS</b>	<b>Gov Rec OTHER FTE</b>	<b>Gov Rec TOTAL DOLLARS</b>	<b>Gov Rec TOTAL FTE</b>	<b>Gov Rec One-Time DOLLARS</b>
000841/Economist					119,040	2.00	119,040	2.00	
004620/Environmental Specialist III					143,028	3.00	143,028	3.00	
000023/Senior Office Support Assistant					28,620	1.00	28,620	1.00	
<b>Total PS</b>	<b>0</b>	<b>0.00</b>	<b>0</b>	<b>0.00</b>	<b>290,688</b>	<b>6.00</b>	<b>290,688</b>	<b>6.00</b>	<b>0</b>
140/Travel, In-State					8,094		8,094		
160/Travel, Out-of-State					714		714		
190/Supplies					10,170		10,170		
320/Professional Development					2,202		2,202		
340/Communication Servs & Supplies					3,036		3,036		
400/Professional Services					2,346		2,346		
430/M&R Services					6,366		6,366		
480/Computer Equipment					15,078		15,078		12,564
580/Office Equipment					36,252		36,252		36,252
740/Miscellaneous Expenses					258		258		
<b>Total EE</b>	<b>0</b>		<b>0</b>		<b>84,516</b>		<b>84,516</b>		<b>48,816</b>
<b>Total PSD</b>	<b>0</b>		<b>0</b>		<b>0</b>		<b>0</b>		<b>0</b>
<b>Total TRF</b>	<b>0</b>		<b>0</b>		<b>0</b>		<b>0</b>		<b>0</b>
<b>Grand Total</b>	<b>0</b>	<b>0.00</b>	<b>0</b>	<b>0.00</b>	<b>375,204</b>	<b>6.00</b>	<b>375,204</b>	<b>6.00</b>	<b>48,816</b>

NEW DECISION ITEM  
RANK: 005 OF 008

Department of Natural Resources Budget Unit 78847C  
Division of Environmental Quality  
Water Quality Standards and Affordability (SB 642 and SB 664) DI# 1780001

**6. PERFORMANCE MEASURES (If new decision item has an associated core, separately identify projected performance with & without additional funding.)**

**6a. Provide an effectiveness measure.**

Water Quality Standards: The department projects 22 water quality studies will be performed annually.

Affordability: The department projects 100% completion of required affordability analyses associated with new permit requirement compliance.

**6b. Provide an efficiency measure.**

Water Quality Standards: This decision item will help to determine the environmental need and economic impact of environmental

Affordability: This decision item provides a systematic approach to documenting economic burden of permitting/enforcement actions on individual communities. This documentation in turn provides justification for the department when choosing a regulatory tool that will provide a reasonable path forward for a given community.

**6c. Provide the number of clients/individuals served, if applicable.**

970 communities with publicly owned treatment works permitted by the Department of Natural Resources will receive affordability studies.

3,000 facilities permitted by the Department of Natural Resources will receive the benefit of water quality studies.

**6d. Provide a customer satisfaction measure, if available.**

Not available.

**7. STRATEGIES TO ACHIEVE THE PERFORMANCE MEASUREMENT TARGETS:**

1. Timely establishment and implementation of water quality standards that consider the economic situation of the affected permittees.
2. Annual report to the Legislature on affordability that is required by Senate Bill 642 and Senate Bill 664.
3. Develop a system to track and maintain information regarding the cost of new permit requirements.

**Department of Natural Resources**

**DECISION ITEM DETAIL**

Budget Unit	FY 2014	FY 2014	FY 2015	FY 2015	FY 2016	FY 2016	FY 2016	FY 2016
Decision Item	ACTUAL	ACTUAL	BUDGET	BUDGET	DEPT REQ	DEPT REQ	GOV REC	GOV REC
Budget Object Class	DOLLAR	FTE	DOLLAR	FTE	DOLLAR	FTE	DOLLAR	FTE
<b>WATER PROTECTION PROGRAM</b>								
<b>WATER QUAL STANDARDS &amp; AFFORD - 1780001</b>								
SR OFC SUPPORT ASST (KEYBRD)	0	0.00	0	0.00	28,620	1.00	28,620	1.00
ECONOMIST	0	0.00	0	0.00	119,040	2.00	119,040	2.00
ENVIRONMENTAL SPEC III	0	0.00	0	0.00	143,028	3.00	143,028	3.00
<b>TOTAL - PS</b>	<b>0</b>	<b>0.00</b>	<b>0</b>	<b>0.00</b>	<b>290,688</b>	<b>6.00</b>	<b>290,688</b>	<b>6.00</b>
TRAVEL, IN-STATE	0	0.00	0	0.00	8,094	0.00	8,094	0.00
TRAVEL, OUT-OF-STATE	0	0.00	0	0.00	714	0.00	714	0.00
SUPPLIES	0	0.00	0	0.00	10,170	0.00	10,170	0.00
PROFESSIONAL DEVELOPMENT	0	0.00	0	0.00	2,202	0.00	2,202	0.00
COMMUNICATION SERV & SUPP	0	0.00	0	0.00	3,036	0.00	3,036	0.00
PROFESSIONAL SERVICES	0	0.00	0	0.00	2,346	0.00	2,346	0.00
M&R SERVICES	0	0.00	0	0.00	6,366	0.00	6,366	0.00
COMPUTER EQUIPMENT	0	0.00	0	0.00	15,078	0.00	15,078	0.00
OFFICE EQUIPMENT	0	0.00	0	0.00	36,252	0.00	36,252	0.00
MISCELLANEOUS EXPENSES	0	0.00	0	0.00	258	0.00	258	0.00
<b>TOTAL - EE</b>	<b>0</b>	<b>0.00</b>	<b>0</b>	<b>0.00</b>	<b>84,516</b>	<b>0.00</b>	<b>84,516</b>	<b>0.00</b>
<b>GRAND TOTAL</b>	<b>\$0</b>	<b>0.00</b>	<b>\$0</b>	<b>0.00</b>	<b>\$375,204</b>	<b>6.00</b>	<b>\$375,204</b>	<b>6.00</b>
<b>GENERAL REVENUE</b>	<b>\$0</b>	<b>0.00</b>	<b>\$0</b>	<b>0.00</b>	<b>\$375,204</b>	<b>6.00</b>	<b>\$0</b>	<b>0.00</b>
<b>FEDERAL FUNDS</b>	<b>\$0</b>	<b>0.00</b>	<b>\$0</b>	<b>0.00</b>	<b>\$0</b>	<b>0.00</b>	<b>\$0</b>	<b>0.00</b>
<b>OTHER FUNDS</b>	<b>\$0</b>	<b>0.00</b>	<b>\$0</b>	<b>0.00</b>	<b>\$0</b>	<b>0.00</b>	<b>\$375,204</b>	<b>6.00</b>

**NEW DECISION ITEM**  
**RANK: 999 OF 999**

**Department of Natural Resources** **Budget Unit 79415C**  
**Division of Environmental Quality**  
**Water Infrastructure Grants & Loans** **DI#1780005**

**1. AMOUNT OF REQUEST**

	FY 2016 Budget Request					FY 2016 Governor's Recommendation			
	GR	Federal	Other	Total		GR	Fed	Other	Total
<b>PS</b>	0	0	0	0	<b>PS</b>	0	0	0	0
<b>EE</b>	0	0	0	0	<b>EE</b>	0	0	0	0
<b>PSD</b>	0	0	0	0	<b>PSD</b>	0	0	70,000,000	70,000,000
<b>Total</b>	<u>0</u>	<u>0</u>	<u>0</u>	<u>0</u>	<b>Total</b>	<u>0</u>	<u>0</u>	<u>70,000,000</u>	<u>70,000,000</u>
<b>FTE</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>FTE</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>	<b>0.00</b>

**Est. Fringe**    0    0    0    0

**Est. Fringe**    0    0    0    0

*Note: Fringes budgeted in House Bill 5 except for certain fringes budgeted directly to MoDOT, Highway Patrol, and Conservation.*

*Note: Fringes budgeted in House Bill 5 except for certain fringes budgeted directly to MoDOT, Highway Patrol, and Conservation.*

Other Funds: Stormwater Control Fund (0332); Water Pollution Control Funds (0333, 0334, 0335)

**2. THIS REQUEST CAN BE CATEGORIZED AS:**

<input type="checkbox"/> New Legislation	<input type="checkbox"/> New Program	<input type="checkbox"/> Supplemental
<input type="checkbox"/> Federal Mandate	<input checked="" type="checkbox"/> Program Expansion	<input type="checkbox"/> Cost to Continue
<input type="checkbox"/> GR Pick-Up	<input type="checkbox"/> Space Request	<input type="checkbox"/> Equipment Replacement
<input type="checkbox"/> Pay Plan	<input type="checkbox"/> Other: _____	

**3. WHY IS THIS FUNDING NEEDED? PROVIDE AN EXPLANATION FOR ITEMS CHECKED IN #2. INCLUDE THE FEDERAL OR STATE STATUTORY OR CONSTITUTIONAL AUTHORIZATION FOR THIS PROGRAM.**

Missouri communities are facing challenges in meeting their water, wastewater and stormwater infrastructure needs. These challenges result from upgrading aging infrastructure, serving new customers and changes in regulatory requirements. The most recent assessments of Missouri's infrastructure needs indicate that approximately \$9.5 billion for wastewater and \$8.5 billion for drinking water is needed over the next 20 years. Over the last 25 years, the Clean Water State Revolving Fund (CWSRF) has made over \$2.4 billion in loans. The Drinking Water State Revolving Fund (DWSRF) has made over \$366 million in loans since its inception in 1996. An additional \$290 million in funding, primarily in the form of grants, has been invested by the state to meet water infrastructure needs. State bond sales provide funding for smaller communities, potentially not eligible for SRF funding. However, the last state bond sale occurred in 2007, leaving the CWSRF and DWSRF as the principal funding sources available since 2010.

NEW DECISION ITEM

RANK: 999 OF 999

<b>Department of Natural Resources</b>	<b>Budget Unit</b> <u>79415C</u>
<b>Division of Environmental Quality</b>	
<b>Water Infrastructure Grants &amp; Loans</b>	<b>DI#1780005</b>

**4. DESCRIBE THE DETAILED ASSUMPTIONS USED TO DERIVE THE SPECIFIC REQUESTED AMOUNT. (How did you determine that the requested number of FTE were appropriate? From what source or standard did you derive the requested levels of funding? Were alternatives such as outsourcing or automation considered? If based on new legislation, does request tie to TAFP fiscal note? If not, explain why. Detail which portions of the request are one-times and how those amounts were calculated.)**

A \$70 million general obligation (GO) sale of State Water Pollution Control and Stormwater Control Bonds would allow awards to communities as both grants and loans for drinking water, wastewater and stormwater related projects as authorized in the Missouri Constitution, Article III, Sections 37 (e), (g), and (h). The last bond sale to occur under one or more of the above authorizations was in 2007 in the amount of \$50 million. Over 150 Missouri communities benefited directly from the proceeds of the 2007 bond sale.

The following are examples of grant and loan programs that may benefit from bond sale funding.

**Rural Sewer and Water Grants** are for communities, public water districts and public sewer districts with less than 10,000 populations. Rural Sewer Grants are limited to fund the cost of upgrades to meet more stringent permit limits and the construction of new sewage collection systems. Rural Water Grants are for drinking water construction projects in eligible communities. Rural water and sewer grant funding shall not be in excess of \$1,400 per contracted connection, 50 percent of the eligible costs of the upgrades, or \$500,000 per project, whichever is less.

**State 40% Construction Grants** are targeted to communities, public water districts and public sewer districts that do not qualify for a loan for the total eligible project costs from the Clean Water State Revolving Fund program. The grants are used to construct wastewater treatment and collection systems. These applicants typically have a population of less than 1,000 and are currently unsewered. Grants are limited to 40 percent of eligible project costs or \$2,000,000, whichever is less.

**Stormwater Infrastructure Grants** are for stormwater control projects being completed by eligible recipients which include any entitlement city, the Metropolitan Sewer District (MSD) and any first class county not served by MSD. A specific allocation of funds is required pursuant to the Missouri Constitution, state statute and stormwater regulations. Generally speaking, grant funds are allocated to each first class county by a percentage based on the population of the qualifying county. The maximum grant is limited by regulation to be up to 50 percent of eligible project costs.

NEW DECISION ITEM

RANK: 999 OF 999

Department of Natural Resources	Budget Unit <u>79415C</u>
Division of Environmental Quality	
Water Infrastructure Grants & Loans	DI#1780005

**4. DESCRIBE THE DETAILED ASSUMPTIONS USED TO DERIVE THE SPECIFIC REQUESTED AMOUNT. (How did you determine that the requested number of FTE were appropriate? From what source or standard did you derive the requested levels of funding? Were alternatives such as outsourcing or automation considered? If based on new legislation, does request tie to TAFP fiscal note? If not, explain why. Detail which portions of the request are one-times and how those amounts were calculated.) continued**

**State Match for Drinking Water State Revolving Fund (DWSRF)** - State match for the DWSRF program was originally provided through a direct appropriation of General Revenue. However, beginning in 2004, the program in cooperation with the Environmental Improvement and Energy Resources Authority (EI ERA) provided match through the sale of state match bonds. The Department plans to issue state match bonds through EI ERA in early 2015 to provide state match for existing capitalization grant awards. However, this bond sale will utilize all the available state match bond capacity available to the DWSRF program creating the need to secure an alternate source of state match funds until the pool of loans grows enough for future additional state match bond sales. Maintaining the required level of match is critical for Missouri to be awarded our allocation of federal capitalization grant funds. The Department risks forfeiting future capitalization grants by not having match dollars.

**Small Community Engineering Assistance Grants** are for municipalities, counties, public sewer or water districts, political subdivisions or instrumentalities of the state with a population of less than 10,000. The program offers funding for wastewater engineering costs incurred in preparation of an engineering report or facility plan. The funding is only available for recipients who do not have an engineering report developed and have yet to achieve a funding commitment and plan to pursue funding.

**Small Borrower Direct Loans** are for communities, public water districts and public sewer districts with less than 1,000 in population. Generally speaking, these entities are small communities that have a financial need for small scale projects. These loans are processed in short timeframes and are offered with low interest rates similar to the State Revolving Fund programs. Principal and interest are paid over the term of the loan and reused to fund future small borrower loans.

**NEW DECISION ITEM**  
**RANK: 999 OF 999**

<b>Department of Natural Resources</b>	<b>Budget Unit 79415C</b>
<b>Division of Environmental Quality</b>	
<b>Water Infrastructure Grants &amp; Loans</b>	<b>DI#1780005</b>

**5. BREAK DOWN THE REQUEST BY BUDGET OBJECT CLASS, JOB CLASS, AND FUND SOURCE. IDENTIFY ONE-TIME COSTS.**

Budget Object Class/Job Class	Dept Req GR DOLLARS	Dept Req GR FTE	Dept Req FED DOLLARS	Dept Req FED FTE	Dept Req OTHER DOLLARS	Dept Req OTHER FTE	Dept Req TOTAL DOLLARS	Dept Req TOTAL FTE	Dept Req One-Time DOLLARS
<b>Total PS</b>	0	0.00	0	0.00	0	0.00	0	0.00	0
<b>Total EE</b>	0		0		0		0		0
<b>Total PSD</b>	0		0		0		0		0
<b>Grand Total</b>	0	0.00	0	0.00	0	0.00	0	0.00	0

Budget Object Class/Job Class	Gov Rec GR DOLLARS	Gov Rec GR FTE	Gov Rec FED DOLLARS	Gov Rec FED FTE	Gov Rec OTHER DOLLARS	Gov Rec OTHER FTE	Gov Rec TOTAL DOLLARS	Gov Rec TOTAL FTE	Gov Rec One-Time DOLLARS
<b>Total PS</b>	0	0.00	0	0.00	0	0.00	0	0.00	0
<b>Total EE</b>	0		0		0		0		0
800/Program Distributions					70,000,000		70,000,000		
<b>Total PSD</b>	0		0		70,000,000		70,000,000		0
<b>Grand Total</b>	0	0.00	0	0.00	70,000,000	0.00	70,000,000	0.00	0

**NEW DECISION ITEM**  
**RANK: 999 OF 999**

<b>Department of Natural Resources</b>	<b>Budget Unit 79415C</b>
<b>Division of Environmental Quality</b>	
<b>Water Infrastructure Grants &amp; Loans</b>	<b>DI#1780005</b>

**6. PERFORMANCE MEASURES (If new decision item has an associated core, separately identify projected performance with & without additional funding.)**

**6a. Provide an effectiveness measure.**

These financial assistance programs are expected to benefit 120 to 150 communities.

Every dollar in Personal Services spent in the infrastructure program generates construction dollars in Missouri communities.

	FY 2016 Projected (core only)	FY 2016 Projected (core & NDI)
Personal Services Costs	\$ 3,468,917	\$ 3,468,917
Construction Dollars Awarded	\$ 266,800,000	\$ 336,800,000
Cost/Generation Ratio	\$1:\$77	\$1:\$97

**6b. Provide an efficiency measure.**

Increased appropriation authority will allow for timely payment to communities for current and future obligations.

**6c. Provide the number of clients/individuals served, if applicable.**

See 6a above

**6d. Provide a customer satisfaction measure, if available.**

Not available

**7. STRATEGIES TO ACHIEVE THE PERFORMANCE MEASUREMENT TARGETS:**

- Increased appropriation authority will allow for timely payment to communities for current and future obligations.
- Reinvestment of funds in the DWSRF program and Small Borrower Loans will come back to the department for future investment in water and wastewater projects in perpetuity.

**Department of Natural Resources**

**DECISION ITEM DETAIL**

Budget Unit	FY 2014	FY 2014	FY 2015	FY 2015	FY 2016	FY 2016	FY 2016	FY 2016
Decision Item	ACTUAL	ACTUAL	BUDGET	BUDGET	DEPT REQ	DEPT REQ	GOV REC	GOV REC
Budget Object Class	DOLLAR	FTE	DOLLAR	FTE	DOLLAR	FTE	DOLLAR	FTE
<b>WATER INFRASTRUCTURE</b>								
<b>Water Infrast grants &amp; loans - 1780005</b>								
PROGRAM DISTRIBUTIONS	0	0.00	0	0.00	0	0.00	70,000,000	0.00
TOTAL - PD	0	0.00	0	0.00	0	0.00	70,000,000	0.00
<b>GRAND TOTAL</b>	<b>\$0</b>	<b>0.00</b>	<b>\$0</b>	<b>0.00</b>	<b>\$0</b>	<b>0.00</b>	<b>\$70,000,000</b>	<b>0.00</b>
GENERAL REVENUE	\$0	0.00	\$0	0.00	\$0	0.00	\$0	0.00
FEDERAL FUNDS	\$0	0.00	\$0	0.00	\$0	0.00	\$0	0.00
OTHER FUNDS	\$0	0.00	\$0	0.00	\$0	0.00	\$70,000,000	0.00



**Department of Natural Resources**

**DECISION ITEM SUMMARY**

Budget Unit								
Decision Item	FY 2014	FY 2014	FY 2015	FY 2015	FY 2016	FY 2016	FY 2016	FY 2016
Budget Object Summary	ACTUAL	ACTUAL	BUDGET	BUDGET	DEPT REQ	DEPT REQ	GOV REC	GOV REC
Fund	DOLLAR	FTE	DOLLAR	FTE	DOLLAR	FTE	DOLLAR	FTE
<b>AIR POLLUTION CONTROL PGRM</b>								
<b>CORE</b>								
PERSONAL SERVICES								
DEPT NATURAL RESOURCES	916,171	20.74	998,322	22.41	998,322	22.41	998,322	22.41
MO AIR EMISSION REDUCTION	724,197	16.99	770,350	19.06	770,350	19.06	770,350	19.06
NRP-AIR POLLUTION ASBESTOS FEE	101,671	2.53	159,777	3.76	159,777	3.76	159,777	3.76
NRP-AIR POLLUTION PERMIT FEE	2,476,362	55.42	2,846,036	62.75	2,846,036	62.75	2,846,036	62.75
TOTAL - PS	4,218,401	95.68	4,774,485	107.98	4,774,485	107.98	4,774,485	107.98
EXPENSE & EQUIPMENT								
DEPT NATURAL RESOURCES	72,111	0.00	452,580	0.00	452,580	0.00	452,580	0.00
MO AIR EMISSION REDUCTION	73,178	0.00	458,342	0.00	458,342	0.00	458,342	0.00
NATURAL RESOURCES PROTECTION	0	0.00	19	0.00	19	0.00	19	0.00
NRP-AIR POLLUTION ASBESTOS FEE	15,216	0.00	36,691	0.00	36,691	0.00	36,691	0.00
NRP-AIR POLLUTION PERMIT FEE	94,255	0.00	583,573	0.00	583,573	0.00	583,573	0.00
TOTAL - EE	254,760	0.00	1,531,205	0.00	1,531,205	0.00	1,531,205	0.00
<b>TOTAL</b>	<b>4,473,161</b>	<b>95.68</b>	<b>6,305,690</b>	<b>107.98</b>	<b>6,305,690</b>	<b>107.98</b>	<b>6,305,690</b>	<b>107.98</b>
<b>Pay Plan FY15-Cost to Continue - 0000014</b>								
PERSONAL SERVICES								
DEPT NATURAL RESOURCES	0	0.00	0	0.00	5,384	0.00	5,384	0.00
MO AIR EMISSION REDUCTION	0	0.00	0	0.00	4,154	0.00	4,154	0.00
NRP-AIR POLLUTION ASBESTOS FEE	0	0.00	0	0.00	864	0.00	864	0.00
NRP-AIR POLLUTION PERMIT FEE	0	0.00	0	0.00	15,346	0.00	15,346	0.00
TOTAL - PS	0	0.00	0	0.00	25,748	0.00	25,748	0.00
<b>TOTAL</b>	<b>0</b>	<b>0.00</b>	<b>0</b>	<b>0.00</b>	<b>25,748</b>	<b>0.00</b>	<b>25,748</b>	<b>0.00</b>
<b>GRAND TOTAL</b>	<b>\$4,473,161</b>	<b>95.68</b>	<b>\$6,305,690</b>	<b>107.98</b>	<b>\$6,331,438</b>	<b>107.98</b>	<b>\$6,331,438</b>	<b>107.98</b>

**Department of Natural Resources**

**DECISION ITEM SUMMARY**

Budget Unit	FY 2014	FY 2014	FY 2015	FY 2015	FY 2016	FY 2016	FY 2016	FY 2016
Decision Item	ACTUAL	ACTUAL	BUDGET	BUDGET	DEPT REQ	DEPT REQ	GOV REC	GOV REC
Budget Object Summary	DOLLAR	FTE	DOLLAR	FTE	DOLLAR	FTE	DOLLAR	FTE
Fund								
<b>AIR POLLUTION CONTROL GRANTS</b>								
<b>CORE</b>								
<b>PROGRAM-SPECIFIC</b>								
DEPT NATURAL RESOURCES	762,609	0.00	7,000,000	0.00	7,000,000	0.00	7,000,000	0.00
NRP-AIR POLLUTION PERMIT FEE	43,598	0.00	1,272,621	0.00	1,272,621	0.00	1,272,621	0.00
TOTAL - PD	806,207	0.00	8,272,621	0.00	8,272,621	0.00	8,272,621	0.00
<b>TOTAL</b>	<b>806,207</b>	<b>0.00</b>	<b>8,272,621</b>	<b>0.00</b>	<b>8,272,621</b>	<b>0.00</b>	<b>8,272,621</b>	<b>0.00</b>
<b>GRAND TOTAL</b>	<b>\$806,207</b>	<b>0.00</b>	<b>\$8,272,621</b>	<b>0.00</b>	<b>\$8,272,621</b>	<b>0.00</b>	<b>\$8,272,621</b>	<b>0.00</b>

**CORE DECISION ITEM**

<b>Department of Natural Resources</b>	<b>Budget Unit 78865C, 79230C</b>
<b>Division of Environmental Quality</b>	
<b>Air Pollution Control Program Core</b>	

**1. CORE FINANCIAL SUMMARY**

	FY 2016 Budget Request					FY 2016 Governor's Recommendation			
	GR	Federal	Other	Total		GR	Fed	Other	Total
<b>PS</b>	0	998,322	3,776,163	4,774,485	<b>PS</b>	0	998,322	3,776,163	4,774,485
<b>EE</b>	0	452,580	1,078,625	1,531,205	<b>EE</b>	0	452,580	1,078,625	1,531,205
<b>PSD</b>	0	7,000,000	1,272,621	8,272,621	<b>PSD</b>	0	7,000,000	1,272,621	8,272,621
<b>Total</b>	<b>0</b>	<b>8,450,902</b>	<b>6,127,409</b>	<b>14,578,311</b>	<b>Total</b>	<b>0</b>	<b>8,450,902</b>	<b>6,127,409</b>	<b>14,578,311</b>
<b>FTE</b>	<b>0.00</b>	<b>22.41</b>	<b>85.57</b>	<b>107.98</b>	<b>FTE</b>	<b>0.00</b>	<b>22.41</b>	<b>85.57</b>	<b>107.98</b>

<b>Est. Fringe</b>	0	478,196	1,808,782	2,286,978
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<b>Est. Fringe</b>	0	478,196	1,808,782	2,286,978
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*Note: Fringes budgeted in House Bill 5 except for certain fringes budgeted directly to MoDOT, Highway Patrol, and Conservation.*

*Note: Fringes budgeted in House Bill 5 except for certain fringes budgeted directly to MoDOT, Highway Patrol, and Conservation.*

Other Funds: Missouri Air Emission Reduction Fund (0267); Natural Resources Protection Fund - Damages Subaccount (0555); Natural Resources Protection Fund - Air Pollution Asbestos Fee Subaccount (0584); Natural Resources Protection Fund - Air Pollution Permit Fee Subaccount (0594)

The FY 2016 budget request includes appropriation authority of \$4,400,000 to be used for encumbrance purposes only related to Air Pollution Control Grants.

Note: This core budget is facing fiscal challenges.

**2. CORE DESCRIPTION**

The Air Pollution Control Program (APCP) strives to maintain and improve the quality of Missouri's air to protect public health, general welfare and the environment. The APCP issues construction and operating permits to help ensure facilities are built in compliance with the laws and rules designed to protect public health. The program, working with the department's Regional Offices, identifies facilities that are not in compliance and works with them to reach compliance. By collecting air monitoring and emission inventory information, the APCP provides benchmark data for the state's air quality planning efforts. Air monitoring data can be measured against that benchmark to provide an indicator of whether air pollution control in Missouri is successful. In the St. Louis area, the department and the Missouri State Highway Patrol oversee the joint vehicle emissions and safety inspection program.

The Air Pollution Control Grants and Contracts will continue to be given to the metropolitan planning organizations (East-West Gateway Council of Governments in the St. Louis area and Mid-America Regional Council in the Kansas City area) to carry out planning, education and outreach activities aimed at reducing air pollution.

**CORE DECISION ITEM**

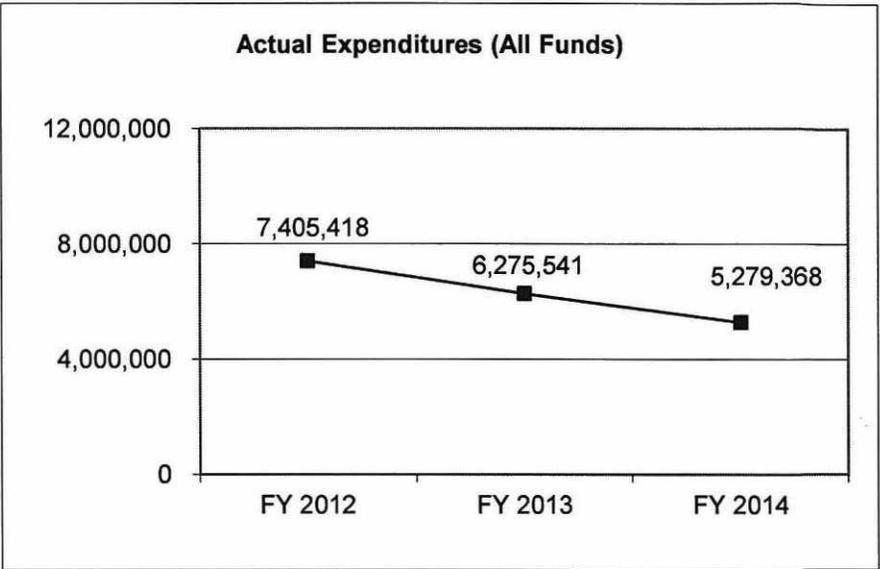
<b>Department of Natural Resources</b>	<b>Budget Unit 78865C, 79230C</b>
<b>Division of Environmental Quality</b>	
<b>Air Pollution Control Program Core</b>	

**3. PROGRAM LISTING (list programs included in this core funding)**

Air Pollution Control Program

**4. FINANCIAL HISTORY**

	<u>FY 2012</u> <u>Actual</u>	<u>FY 2013</u> <u>Actual</u>	<u>FY 2014</u> <u>Actual</u>	<u>FY 2015</u> <u>Current Yr.</u>
Appropriation (All Funds) (1)	12,693,376	12,570,709	14,529,517	14,578,311
Less Reverted (All Funds)	0	0	0	N/A
Less Restricted (All Funds)	(1,258,053)	0	0	N/A
Budget Authority (All Funds)	11,435,323	12,570,709	14,529,517	N/A
Actual Expenditures (All Funds)	<u>7,405,418</u>	<u>6,275,541</u>	<u>5,279,368</u>	N/A
Unexpended (All Funds)	<u>4,029,905</u>	<u>6,295,168</u>	<u>9,250,149</u>	N/A
Unexpended, by Fund:				
General Revenue	0	0	0	N/A
Federal	1,785,367	3,118,294	6,621,952	N/A
Other	2,244,538	3,176,874	2,628,197	N/A
	<b>(2 &amp; 3)</b>	<b>(2 &amp; 3)</b>	<b>(2 &amp; 3)</b>	



Actual expenditures for all fiscal years are as of June 30 and do not include lapse period activities.

Reverted includes Governor's standard 3 percent reserve (when applicable).

Restricted includes any extraordinary expenditure restrictions (when applicable).

**CORE DECISION ITEM**

<b>Department of Natural Resources</b>	<b>Budget Unit <u>78865C, 79230C</u></b>
<b>Division of Environmental Quality</b>	
<b>Air Pollution Control Program Core</b>	

**4. FINANCIAL HISTORY (continued)**

**NOTES:**

(1) Financial data includes operating and pass through appropriations.

(2) The department continues to review operating expenditures to be efficient and effective with state resources. The majority of other funds lapses were in expenses and equipment. Voluntary core reductions were taken in FY 2014.

(3) Unexpended appropriations are due to timing of grant awards and payments to subgrantees. The majority of Federal fund lapses and a portion of the other funds lapses are PSD related. In many cases, pass through appropriation has been provided to allow for encumbrance and payment of our commitments, which often span multiple fiscal years causing high unexpended balances. Beginning in FY 2014, appropriation authority of \$4,400,000 was provided for encumbrance purposes only related to Air Pollution Control Grants. Both types of appropriation are included in the data above, therefore high unexpended balances will continue to be reflected.

Air Pollution Control Program - Reconciliation

	<b>FY 2012</b>	<b>FY 2013</b>	<b>FY 2014</b>	<b>FY 2015</b>	<b>FY 2016</b>
	<b>Actual</b>	<b>Actual</b>	<b>Actual</b>	<b>Current</b>	<b>Gov Rec</b>
Air Pollution Control Operations (78865C)	4,508,440	4,568,493	4,473,161	6,305,690	6,305,690
Air Grants & Contracts PSD (79230C)	2,896,978	1,707,048	806,207	8,272,621	8,272,621
Total	7,405,418	6,275,541	5,279,368	14,578,311	14,578,311

Note: FY 2015 and FY 2016 include appropriation authority of \$4,400,000 to be used for encumbrance purposes only related to Air Pollution Control Grants.

**CORE RECONCILIATION DETAIL**

**DEPARTMENT OF NATURAL RESOURCES**  
**AIR POLLUTION CONTROL PGRM**

**5. CORE RECONCILIATION DETAIL**

		<b>Budget Class</b>	<b>FTE</b>	<b>GR</b>	<b>Federal</b>	<b>Other</b>	<b>Total</b>	<b>Explanation</b>
<b>TAFP AFTER VETOES</b>								
		PS	107.98	0	998,322	3,776,163	4,774,485	
		EE	0.00	0	452,580	1,078,625	1,531,205	
		<b>Total</b>	<b>107.98</b>	<b>0</b>	<b>1,450,902</b>	<b>4,854,788</b>	<b>6,305,690</b>	
<b>DEPARTMENT CORE ADJUSTMENTS</b>								
Core Reallocation	1068 5367	PS	(0.00)	0	0	0		(0) Core reallocations more closely align budget with planned spending.
Core Reallocation	1068 5368	PS	0.00	0	0	0		(0) Core reallocations more closely align budget with planned spending.
Core Reallocation	1068 5369	PS	0.00	0	0	0		(0) Core reallocations more closely align budget with planned spending.
Core Reallocation	1068 4381	PS	(0.00)	0	0	0		(0) Core reallocations more closely align budget with planned spending.
<b>NET DEPARTMENT CHANGES</b>			<b>(0.00)</b>	<b>0</b>	<b>0</b>	<b>0</b>		<b>(0)</b>
<b>DEPARTMENT CORE REQUEST</b>								
		PS	107.98	0	998,322	3,776,163	4,774,485	
		EE	0.00	0	452,580	1,078,625	1,531,205	
		<b>Total</b>	<b>107.98</b>	<b>0</b>	<b>1,450,902</b>	<b>4,854,788</b>	<b>6,305,690</b>	
<b>GOVERNOR'S RECOMMENDED CORE</b>								
		PS	107.98	0	998,322	3,776,163	4,774,485	
		EE	0.00	0	452,580	1,078,625	1,531,205	
		<b>Total</b>	<b>107.98</b>	<b>0</b>	<b>1,450,902</b>	<b>4,854,788</b>	<b>6,305,690</b>	

**CORE RECONCILIATION DETAIL**

**DEPARTMENT OF NATURAL RESOURCES**  
**AIR POLLUTION CONTROL GRANTS**

**5. CORE RECONCILIATION DETAIL**

	<b>Budget Class</b>	<b>FTE</b>	<b>GR</b>	<b>Federal</b>	<b>Other</b>	<b>Total</b>	<b>Explanation</b>
<b>TAFP AFTER VETOES</b>	PD	0.00	0	7,000,000	1,272,621	8,272,621	
	<b>Total</b>	<b>0.00</b>	<b>0</b>	<b>7,000,000</b>	<b>1,272,621</b>	<b>8,272,621</b>	
<b>DEPARTMENT CORE REQUEST</b>	PD	0.00	0	7,000,000	1,272,621	8,272,621	
	<b>Total</b>	<b>0.00</b>	<b>0</b>	<b>7,000,000</b>	<b>1,272,621</b>	<b>8,272,621</b>	
<b>GOVERNOR'S RECOMMENDED CORE</b>	PD	0.00	0	7,000,000	1,272,621	8,272,621	
	<b>Total</b>	<b>0.00</b>	<b>0</b>	<b>7,000,000</b>	<b>1,272,621</b>	<b>8,272,621</b>	

**Department of Natural Resources**

**DECISION ITEM DETAIL**

Budget Unit	FY 2014	FY 2014	FY 2015	FY 2015	FY 2016	FY 2016	FY 2016	FY 2016
Decision Item	ACTUAL	ACTUAL	BUDGET	BUDGET	DEPT REQ	DEPT REQ	GOV REC	GOV REC
Budget Object Class	DOLLAR	FTE	DOLLAR	FTE	DOLLAR	FTE	DOLLAR	FTE
<b>AIR POLLUTION CONTROL PGRM</b>								
<b>CORE</b>								
SR OFC SUPPORT ASST (CLERICAL)	25,299	1.01	0	0.00	0	0.00	0	0.00
ADMIN OFFICE SUPPORT ASSISTANT	56,886	2.00	57,687	2.00	57,696	2.00	57,696	2.00
OFFICE SUPPORT ASST (KEYBRD)	60,193	2.66	63,844	2.75	63,352	2.75	63,352	2.75
SR OFC SUPPORT ASST (KEYBRD)	155,450	6.09	232,329	9.00	232,865	9.00	232,865	9.00
ACCOUNT CLERK II	0	0.00	252	0.00	0	0.00	0	0.00
ACCOUNTANT III	43,197	1.01	43,251	1.00	43,253	1.00	43,253	1.00
ACCOUNTING ANAL I	6,199	0.18	0	0.00	0	0.00	0	0.00
ACCOUNTING ANAL II	31,354	0.82	77,434	2.00	77,442	2.00	77,442	2.00
RESEARCH ANAL II	71,826	2.00	72,696	2.00	72,703	2.00	72,703	2.00
RESEARCH ANAL III	102,544	2.44	126,807	3.00	85,868	2.00	85,868	2.00
PUBLIC INFORMATION SPEC II	28,457	0.81	36,005	1.00	36,008	1.00	36,008	1.00
EXECUTIVE I	32,031	1.01	32,448	1.00	32,452	1.00	32,452	1.00
TOXICOLOGIST	58,047	1.00	58,584	1.00	58,587	1.00	58,587	1.00
ENVIRONMENTAL SPEC I	47,650	1.58	0	0.00	0	0.00	0	0.00
ENVIRONMENTAL SPEC II	188,960	5.33	0	0.00	0	0.00	0	0.00
ENVIRONMENTAL SPEC III	611,629	15.29	951,960	24.00	1,016,423	26.00	1,016,423	26.00
ENVIRONMENTAL SPEC IV	570,079	11.94	626,483	13.00	627,389	13.00	627,389	13.00
ENVIRONMENTAL ENGR I	50,830	1.21	0	0.00	0	0.00	0	0.00
ENVIRONMENTAL ENGR II	980,500	20.37	1,291,425	27.48	1,209,111	25.48	1,209,111	25.48
ENVIRONMENTAL ENGR III	530,375	9.64	544,359	9.75	599,696	10.75	599,696	10.75
ENVIRONMENTAL ENGR IV	122,782	1.95	130,005	2.00	132,726	2.00	132,726	2.00
ENVIRONMENTAL MGR B1	56,882	1.00	57,415	1.00	57,415	1.00	57,415	1.00
ENVIRONMENTAL MGR B2	227,045	3.83	240,468	4.00	240,468	4.00	240,468	4.00
FISCAL & ADMINISTRATIVE MGR B1	51,087	1.01	51,595	1.00	51,594	1.00	51,594	1.00
STAFF DIRECTOR	78,804	1.01	79,438	1.00	79,437	1.00	79,437	1.00
MISCELLANEOUS PROFESSIONAL	30,295	0.49	0	0.00	0	0.00	0	0.00
<b>TOTAL - PS</b>	<b>4,218,401</b>	<b>95.68</b>	<b>4,774,485</b>	<b>107.98</b>	<b>4,774,485</b>	<b>107.98</b>	<b>4,774,485</b>	<b>107.98</b>
TRAVEL, IN-STATE	71,639	0.00	68,120	0.00	78,320	0.00	78,320	0.00
TRAVEL, OUT-OF-STATE	2,731	0.00	7,035	0.00	9,182	0.00	9,182	0.00
SUPPLIES	38,807	0.00	121,624	0.00	121,624	0.00	121,624	0.00
PROFESSIONAL DEVELOPMENT	14,475	0.00	82,725	0.00	82,725	0.00	82,725	0.00
COMMUNICATION SERV & SUPP	30,827	0.00	78,832	0.00	78,832	0.00	78,832	0.00

**Department of Natural Resources**

**DECISION ITEM DETAIL**

Budget Unit	FY 2014	FY 2014	FY 2015	FY 2015	FY 2016	FY 2016	FY 2016	FY 2016
Decision Item	ACTUAL	ACTUAL	BUDGET	BUDGET	DEPT REQ	DEPT REQ	GOV REC	GOV REC
Budget Object Class	DOLLAR	FTE	DOLLAR	FTE	DOLLAR	FTE	DOLLAR	FTE
<b>AIR POLLUTION CONTROL PGRM</b>								
<b>CORE</b>								
PROFESSIONAL SERVICES	80,088	0.00	914,620	0.00	902,123	0.00	902,123	0.00
M&R SERVICES	15,166	0.00	57,887	0.00	57,887	0.00	57,887	0.00
MOTORIZED EQUIPMENT	0	0.00	29,489	0.00	29,489	0.00	29,489	0.00
OFFICE EQUIPMENT	0	0.00	36,407	0.00	36,407	0.00	36,407	0.00
OTHER EQUIPMENT	407	0.00	79,056	0.00	79,206	0.00	79,206	0.00
BUILDING LEASE PAYMENTS	28	0.00	10,320	0.00	10,320	0.00	10,320	0.00
EQUIPMENT RENTALS & LEASES	0	0.00	27,171	0.00	27,171	0.00	27,171	0.00
MISCELLANEOUS EXPENSES	592	0.00	17,919	0.00	17,919	0.00	17,919	0.00
<b>TOTAL - EE</b>	<b>254,760</b>	<b>0.00</b>	<b>1,531,205</b>	<b>0.00</b>	<b>1,531,205</b>	<b>0.00</b>	<b>1,531,205</b>	<b>0.00</b>
<b>GRAND TOTAL</b>	<b>\$4,473,161</b>	<b>95.68</b>	<b>\$6,305,690</b>	<b>107.98</b>	<b>\$6,305,690</b>	<b>107.98</b>	<b>\$6,305,690</b>	<b>107.98</b>
<b>GENERAL REVENUE</b>	<b>\$0</b>	<b>0.00</b>	<b>\$0</b>	<b>0.00</b>	<b>\$0</b>	<b>0.00</b>	<b>\$0</b>	<b>0.00</b>
<b>FEDERAL FUNDS</b>	<b>\$988,282</b>	<b>20.74</b>	<b>\$1,450,902</b>	<b>22.41</b>	<b>\$1,450,902</b>	<b>22.41</b>	<b>\$1,450,902</b>	<b>22.41</b>
<b>OTHER FUNDS</b>	<b>\$3,484,879</b>	<b>74.94</b>	<b>\$4,854,788</b>	<b>85.57</b>	<b>\$4,854,788</b>	<b>85.57</b>	<b>\$4,854,788</b>	<b>85.57</b>

**Department of Natural Resources**

**DECISION ITEM DETAIL**

Budget Unit	FY 2014	FY 2014	FY 2015	FY 2015	FY 2016	FY 2016	FY 2016	FY 2016
Decision Item	ACTUAL	ACTUAL	BUDGET	BUDGET	DEPT REQ	DEPT REQ	GOV REC	GOV REC
Budget Object Class	DOLLAR	FTE	DOLLAR	FTE	DOLLAR	FTE	DOLLAR	FTE
<b>AIR POLLUTION CONTROL GRANTS</b>								
<b>CORE</b>								
PROGRAM DISTRIBUTIONS	806,207	0.00	8,272,621	0.00	8,272,621	0.00	8,272,621	0.00
TOTAL - PD	806,207	0.00	8,272,621	0.00	8,272,621	0.00	8,272,621	0.00
<b>GRAND TOTAL</b>	<b>\$806,207</b>	<b>0.00</b>	<b>\$8,272,621</b>	<b>0.00</b>	<b>\$8,272,621</b>	<b>0.00</b>	<b>\$8,272,621</b>	<b>0.00</b>
GENERAL REVENUE	\$0	0.00	\$0	0.00	\$0	0.00	\$0	0.00
FEDERAL FUNDS	\$762,609	0.00	\$7,000,000	0.00	\$7,000,000	0.00	\$7,000,000	0.00
OTHER FUNDS	\$43,598	0.00	\$1,272,621	0.00	\$1,272,621	0.00	\$1,272,621	0.00

## PROGRAM DESCRIPTION

**Department of Natural Resources**

**DEQ - Air Pollution Control Program**

**Program is found in the following core budget(s): Air Pollution Control Program**

### **1. What does this program do?**

The Air Pollution Control Program (APCP) strives to maintain and improve the quality of Missouri's air to protect public health, general welfare and the environment. The APCP operates according to the Clean Air Act, Missouri Air Conservation Law and State Implementation Plans and Rules. The APCP issues construction and operating permits to help ensure facilities are built in compliance with the laws and rules and not operating in a manner to cause violations of federal and state, health-based air quality standards. The APCP, working with the department's Regional Offices, identifies facilities that are not in compliance and works with them to reach compliance. If those efforts are unsuccessful, the program will pursue enforcement action.

By collecting air monitoring and emission inventory information, the APCP provides benchmark data and measures collected data against that benchmark to provide an indicator of whether air pollution control in Missouri is successful. When the Environmental Protection Agency (EPA) promulgates an air quality standard for a pollutant, it triggers a process to evaluate each county in the state and determine what areas of the state violate the new standard. EPA then designates those areas found to be in violation and those that "cause or contribute" to the violation as "nonattainment" areas. Depending on the pollutant, this designation then triggers an 18-month or 3-year time frame for the state to submit a State Implementation Plan, which is a plan to detail what measures the state will implement to improve air quality in the nonattainment area to the level necessary to achieve the standard. Five areas within the state are currently designated nonattainment including St. Louis for the 1997 and 2008 Ozone standards, St. Louis for the 1997 annual PM2.5 standard (fine particles), the City of Herculaneum and portions of Iron, Dent, and Reynolds counties for Lead, and portions of Jackson and Jefferson Counties for sulfur dioxide (SO2). The APCP is working to attain these federal standards, while beginning early planning efforts to address several new, more stringent standards as the following describes.

EPA revised the National Ambient Air Quality Standard (NAAQS) for Lead from 1.5 micrograms per cubic meter (ug/m3) to 0.15 ug/m3, effective January 2009. In November 2010, EPA designated nonattainment areas consisting of the City of Herculaneum and portions of Iron, Dent, and Reynolds Counties. The APCP submitted State Implementation Plans (SIPs) to bring these areas into attainment to EPA in April 2013.

EPA established a new 1-hour Nitrogen Dioxide (NO2) NAAQS of 100 parts per billion (ppb), effective April 2010. The state currently does not have any areas out of compliance with the new NO2 NAAQS. However, beginning in 2013, the standard and recent revisions to the monitoring regulations require that NO2 monitors be located near major roadways in heavily populated areas. Once operating, the new monitors may detect problems with this NO2 standard.

EPA set a new 1-hour Sulfur Dioxide (SO2) NAAQS of 75 ppb, effective August 2010. In April 2013, the department recommended to EPA that portions of Jackson and Jefferson Counties be designated nonattainment for the new SO2 standard. The EPA designated these nonattainment areas at the end of July 2013. The APCP is in the process of developing SIPs to bring these areas into attainment which are due April 2015. In addition, depending on future EPA regulations, large SO2 emission sources located outside of nonattainment areas may need to be evaluated using computer modeling tools or ambient air monitors.

In April 2012, EPA designated the St. Louis area as a marginal nonattainment area for the 2008 ozone standard of 75 ppb. The APCP developed a SIP to meet Clean Air Act requirements for marginal nonattainment areas and submitted it to EPA in September 2014. In addition, EPA is expected to lower the ozone standard in the range of 60-70 ppb by October 2015, which could result in additional nonattainment areas in the state.

## PROGRAM DESCRIPTION

### Department of Natural Resources

### DEQ - Air Pollution Control Program

Program is found in the following core budget(s): Air Pollution Control Program

#### 1. What does this program do? (continued)

EPA revised the annual fine particulate matter (PM2.5) NAAQS to 12 micrograms per cubic meter, effective March 18, 2013. Though none of Missouri's monitors are violating this standard, APCP is evaluating whether Missouri's emission sources "cause or contribute" to violating monitors on the Illinois side of the St. Louis metropolitan area. If it is determined Missouri's sources contribute to the Illinois violations, Missouri counties could be included in the nonattainment area. The department's nonattainment area recommendations for the 2012 annual PM2.5 NAAQS were submitted to EPA in December 2013, and EPA is expected to finalize designations by December 2014. The revised PM2.5 NAAQS also includes a requirement for near roadway monitors to be located at one of the near-roadway NO2 monitoring sites in large urban areas by January 2015. The department has deployed the PM2.5 monitoring early (the St. Louis site operating as of January 1, 2013 and the Kansas City site operating as of July 1, 2013) due to the availability of one-time EPA funding which covered all of the cost to install the near-roadway monitoring sites.

EPA has issued a proposed regulation intended to reduce carbon dioxide (CO2) emissions from existing power plants. EPA is expected to finalize the rule by June 2015. The APCP will be required to develop a state rule and plan to address this new federal regulation by June 2016 (with options for extensions).

The department's vehicle emission inspection program in the St. Louis ozone nonattainment area ensures cars and light duty trucks meet pollution standards. The main problem pollutant in St. Louis has been ground level ozone - a highly corrosive and reactive form of oxygen produced through chemical reactions of other pollutants, like volatile organic compounds (VOCs) and nitrogen oxides (NOx). VOC and NOx are produced directly by many sources, including automobiles and factories. Ground level ozone causes breathing problems by damaging lung tissue and aggravating respiratory diseases. St. Louis is currently designated as a nonattainment area for the 2008 ozone standard of 75 ppb.

As a result of Senate Bill 583 (2006) being signed into law, the Gateway Vehicle Inspection Program (GVIP) began October 1, 2007. Hundreds of low-volume test-and-repair and several test-only stations operated by licensed small businesses conduct on-board diagnostics (OBD) emissions tests in conjunction with safety inspections. 1996 and newer model year gasoline-powered vehicles and 1997 and newer model year diesel-powered vehicles are OBD tested. 1995 and older model year gasoline-powered and 1996 and older model year diesel-powered vehicles are exempt from the emissions test.

Air Pollution Grants & Contracts: The Air Pollution Control Program continues to give subgrants to the metropolitan planning organizations (East-West Gateway Council of Governments in the St. Louis area and Mid-America Regional Council in the Kansas City area) to carry out planning, education and outreach activities aimed at reducing air pollution.

**PROGRAM DESCRIPTION**

**Department of Natural Resources**

**DEQ - Air Pollution Control Program**

**Program is found in the following core budget(s): Air Pollution Control Program**

**1. What does this program do? (continued)**

Air Pollution Control Program - Reconciliation	FY 2012 Actual	FY 2013 Actual	FY 2014 Actual	FY 2015 Current	FY 2016 Gov Rec
Air Pollution Control Operations (78865C)	4,508,440	4,568,493	4,473,161	6,305,690	6,305,690
Air Grants & Contracts PSD (79230C)	2,896,978	1,707,048	806,207	8,272,621	8,272,621
Total	7,405,418	6,275,541	5,279,368	14,578,311	14,578,311

Note: FY 2015 and FY 2016 include appropriation authority of \$4,400,000 to be used for encumbrance purposes only related to Air Pollution Control Grants.

**2. What is the authorization for this program, i.e., federal or state statute, etc.? (Include the federal program number, if applicable.)**

Federal Clean Air Act, with amendments, 1990	40 CFR Part 51 Subpart S
Energy Policy Act of 2005	
RSMo 643.010 through 643.220	Prevention, abatement, and control of air pollution
RSMo 643.225 through 643.265	Asbestos abatement
RSMo 643.300 through 643.355	Air Quality Attainment Act
RSMo Chapter 643	Prevention, Abatement, and Control of Air Pollution
RSMo 643.050	Power and duties of commission - rules, procedure

**3. Are there federal matching requirements? If yes, please explain.**

The Performance Partnership Grant requires the state to provide a continuing level of state funding.	Approximately 60% Federal (EPA)/40% State Match
Clean Air Act Section 103 Grant	100% Federal (EPA)
National Air Toxic Trends Site Grant	100% Federal (EPA)
State Clean Diesel Grant	60% Federal (EPA)/40% Match
National Breathe Easy Clean Diesel Grant	62% Federal (EPA)/38% Match
National Clean Up Missouri Clean Diesel Grant	58% Federal (EPA)/42% Match

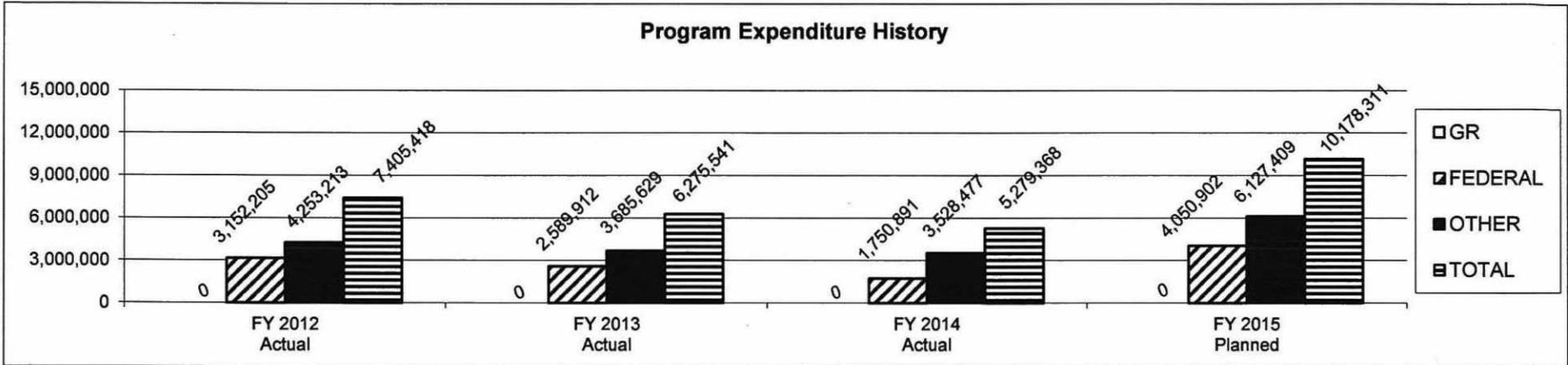
**PROGRAM DESCRIPTION**

**Department of Natural Resources**  
**DEQ - Air Pollution Control Program**  
**Program is found in the following core budget(s): Air Pollution Control Program**

**4. Is this a federally mandated program? If yes, please explain.**

The EPA has delegated authority to the department to ensure compliance with the requirements of the Federal Clean Air Act. Additionally, the 1990 Federal Clean Air Act Amendments require states to monitor air quality for compliance with the federal, health-based standards (NAAQS). St. Louis is a "moderate" ozone non-attainment area. Pursuant to the federal Clean Air Act and regulations promulgated there under, a moderate ozone nonattainment area is required to have a vehicle emissions inspection/maintenance (I/M) program.

**5. Provide actual expenditures for the prior three fiscal years and planned expenditures for the current fiscal year.**



Notes: Actual expenditures for all fiscal years are as of June 30 and do not include lapse period activities. Financial data includes operating and pass-through appropriations. In many cases, pass through appropriation has been provided to allow for encumbrance and payment of our commitments, which often span multiple fiscal years causing high unexpended balances. Beginning in FY 2014, appropriation authority of \$4,400,000 was provided for encumbrance purposes only related to Air Pollution Control Grants, which is not included in the data above. Otherwise, FY 2015 Planned is shown at full appropriation.

**6. What are the sources of the "Other " funds?**

Missouri Air Emission Reduction Fund (0267); Natural Resources Protection Fund-Damages Subaccount (0555); Natural Resources Protection Fund-Air Pollution Asbestos Fee Subaccount (0584); Natural Resources Protection Fund-Air Pollution Permit Fee Subaccount (0594)

**PROGRAM DESCRIPTION**

**Department of Natural Resources**  
**DEQ - Air Pollution Control Program**  
**Program is found in the following core budget(s): Air Pollution Control Program**

**7a. Provide an effectiveness measure.**

**Compliance Monitoring Activities**

	FY 2012 Actual					FY 2013 Actual				
	Asbestos	Open Burning	Gateway Vehicle Inspection Program	Vapor Recovery	Permitted Facilities	Asbestos	Open Burning	Gateway Vehicle Inspection Program	Vapor Recovery	Permitted Facilities
Regulated Facilities	N/A	1,666	1,118	843	2,249	N/A	1,648	1,228	753	2,215
Inspections	525	N/A	2,238	1,666	1,818	622	N/A	2,530	1,958	1,479
Letters of Warning	25	62	9	22	59	26	69	26	25	59
Notices of Violation	97	70	0	301	128	68	74	1	272	126
Settlements	57	54	1	49	47	74	49	1	51	55
Referrals	2	5	0	2	2	1	7	0	2	2

	FY 2014 Actual					FY 2015 Projected				
	Asbestos	Open Burning	Gateway Vehicle Inspection Program	Vapor Recovery	Permitted Facilities	Asbestos	Open Burning	Gateway Vehicle Inspection Program	Vapor Recovery	Permitted Facilities
Regulated Facilities	N/A	1,814	903	768	2,230	N/A	1,700	1,000	800	2,200
Inspections	582	N/A	2,419	1,394	1,192	575	N/A	2,400	1,500	1,150
Letters of Warning	22	64	8	0	43	25	65	15	15	50
Notices of Violation	51	40	5	169	50	70	60	10	250	100
Settlements	33	32	1	10	36	55	45	8	40	50
Referrals	0	2	1	5	0	1	5	2	3	1

(continued on following page)

**PROGRAM DESCRIPTION**

**Department of Natural Resources**  
**DEQ - Air Pollution Control Program**  
**Program is found in the following core budget(s): Air Pollution Control Program**

**7a. Provide an effectiveness measure (continued).**

	FY 2016 Projected					FY 2017 Projected				
	Asbestos	Open Burning	Gateway Vehicle Inspection Program	Vapor Recovery	Permitted Facilities	Asbestos	Open Burning	Gateway Vehicle Inspection Program	Vapor Recovery	Permitted Facilities
Regulated Facilities	N/A	1,700	1,000	800	2,200	N/A	1,700	1,000	800	2,200
Inspections	575	N/A	2,400	950	1,150	575	N/A	2,400	950	1,150
Letters of Warning	25	65	15	15	50	25	65	15	15	50
Notices of Violation	70	60	10	250	100	70	60	10	250	100
Settlements	55	45	8	40	50	55	45	8	40	50
Referrals	1	5	2	3	1	1	5	2	3	1

**Notes:**

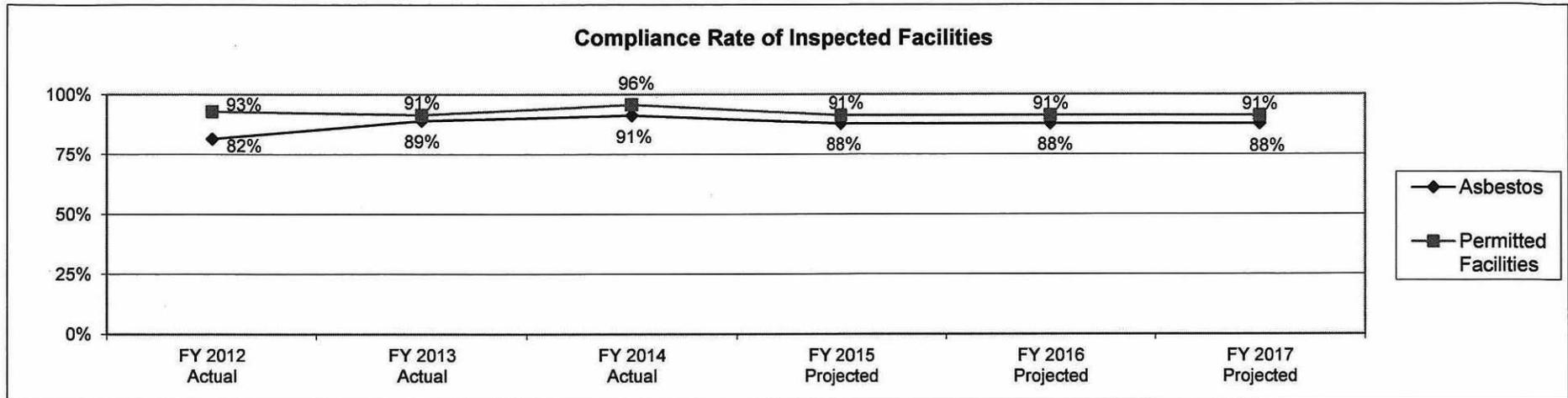
**Regulated Facilities:** In order to more accurately reflect "Permitted Facilities", this number only includes facilities that hold an air permit or a permit determination (P70, Intermediate, Basic, NOP-DEMPAL, Portable). Gasoline Dispensing Facilities are counted in the Vapor Recovery column and only include those which are permitted in the St. Louis Area. Open burning permits are variable each year depending on applications received. The actual open burning permits are issued by the Regional Offices and are listed under the heading of Open Burning.

**Inspections:**

- **Permitted Facility Inspections and Notices of Violation:** Based upon EPA's Compliance Monitoring Strategy and the workplan with the Regional Offices, the APCP estimates a total of 300 required inspections in FY 2015. However, based upon historical abilities, the projected number of inspections has been estimated at roughly half the number of permitted facilities.
- **Vapor Recovery Inspections:** Due to changes to EPA's vapor recovery rules in FY 2012, these facilities no longer need to be inspected twice a year. With fewer inspections, fewer notices of violation are issued, therefore future projections have been modified. Vapor recovery inspections beyond FY 2015 will decrease due to completion of decommissioning.
- **Gateway Vehicle Inspection Program (GVIP): Facilities:** This includes the number of active inspection facilities including private, Department, Contractor and Missouri State Highway Patrol sites. Prior to FY 2014, the numbers included both active and inactive facilities. **Inspections:** These consist of two types of audits, overt and covert. At EPA's direction we have increased the number of covert audits conducted.

PROGRAM DESCRIPTION

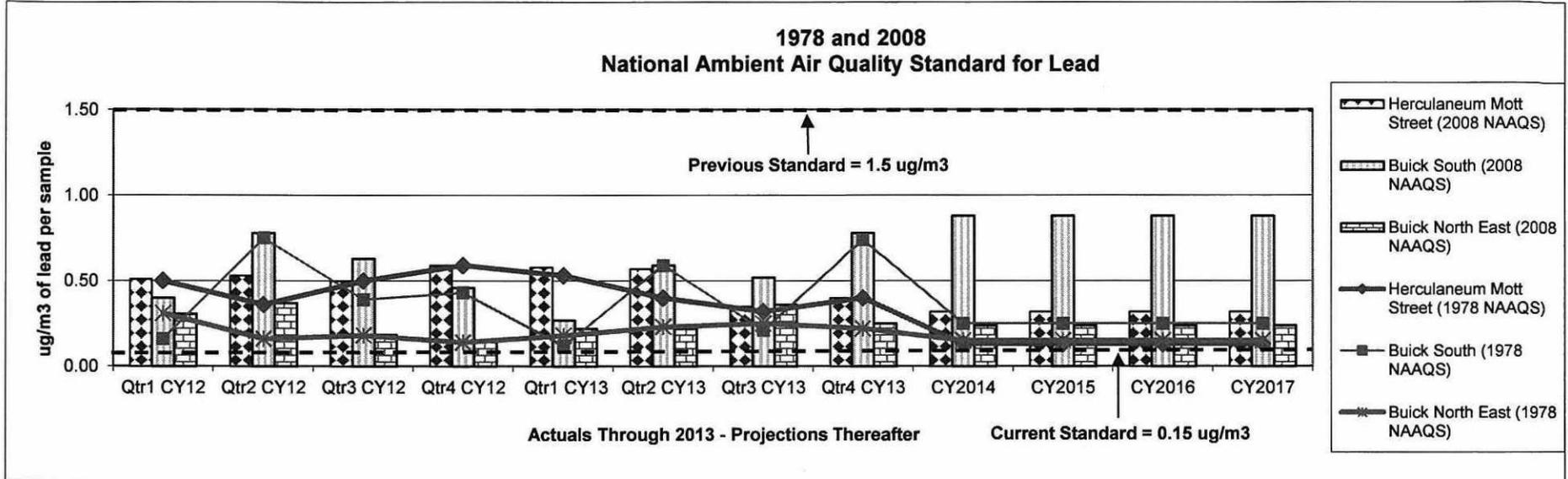
Department of Natural Resources  
DEQ - Air Pollution Control Program  
Program is found in the following core budget(s): Air Pollution Control Program  
7a. Provide an effectiveness measure (continued).



PROGRAM DESCRIPTION

Department of Natural Resources  
 DEQ - Air Pollution Control Program  
 Program is found in the following core budget(s): Air Pollution Control Program

7a. Provide an effectiveness measure (continued).



**Lead Standard Note:** In October 2008, EPA promulgated a revision of the NAAQS for Lead from 1.5 ug/m<sup>3</sup> to 0.15 ug/m<sup>3</sup>, effective January 2009. EPA has also revised the form of the standard, from a calendar quarterly average to the highest three-month average (rolling each month) over a three-year period. The data presented in the table above represents lead concentrations calculated using both the form of the 1978 Lead NAAQS, which is still in effect for the Herculanum nonattainment area, and the form of the 2008 0.15 ug/m<sup>3</sup> Lead NAAQS. Data has been calculated using the form of the 2008 Lead NAAQS beginning in the first quarter of 2009. Although the form of the 2008 standard is based on a rolling 3-month average, the table identifies the maximum 3-month rolling average for the quarter. Therefore, any exceedance of the 2008 0.15 ug/m<sup>3</sup> indicates that at least one month in that quarter exceeded the 2008 Lead NAAQS. For continuity, the Buick South site continues to be compared to both the 1978 and 2008 Lead NAAQS. The department submitted nonattainment area boundary recommendations under the new lead standard to EPA in December 2009. The department has developed a revision to the State Implementation Plan to bring these areas into attainment and submitted the plan to EPA in 2013. As a result of the new standard, the department has established 12 new monitoring sites to properly evaluate compliance throughout the state and ensure protection of public health.

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**PROGRAM DESCRIPTION**

**Department of Natural Resources**  
**DEQ - Air Pollution Control Program**  
**Program is found in the following core budget(s): Air Pollution Control Program**

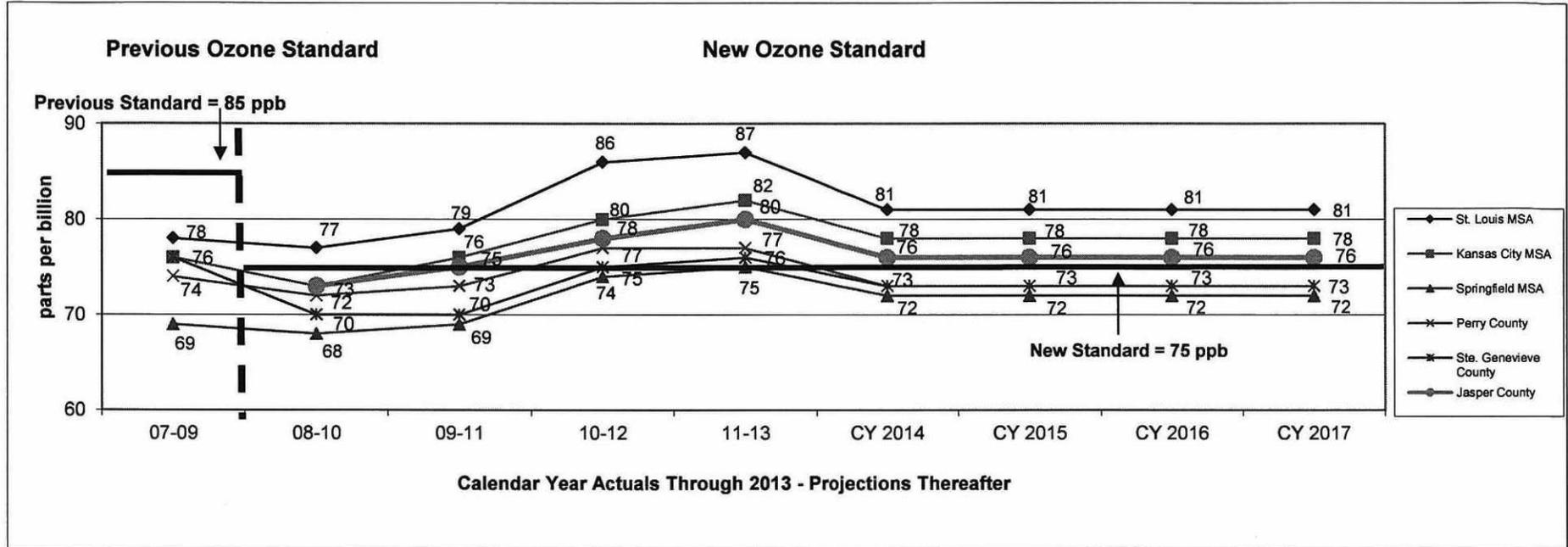
**7a. Provide an effectiveness measure (continued).**

**Lead Standard Note (continued):** Herculaneum Mott St. and Buick North East are the design value sites for their respective violation areas and are the most applicable performance measure sites under the new standard. As a result of installing access control and fencing, the Buick South site operated by the Doe Run company is no longer located in the ambient air network and therefore not comparable to the Lead NAAQS. However, the Buick South site is being retained for trend analysis until the area has not had a NAAQS violation for 36 months. Prior to being rendered non-ambient, the Buick South had an exceedance of the 1978 standard in the 4th quarter of 2008 due to an upset/malfunction condition. We are using the actual average for 2013 year-to-date as the projected value for Herculaneum Mott Street and the Buick North East sites for the respective forms of the lead standards. Beginning in January 2009, the lead concentrations for both the 1978 and 2008 Lead standards are calculated based on local conditions of ambient temperature and pressure consistent with the 2008 Lead NAAQS. In prior years the concentrations were based on EPA standard conditions of ambient temperature and pressure.

PROGRAM DESCRIPTION

Department of Natural Resources  
 DEQ - Air Pollution Control Program  
 Program is found in the following core budget(s): Air Pollution Control Program

7a. Provide an effectiveness measure (continued).



**Previous Standard Note:** The eight-hour National Ambient Air Quality Standard was 85 ppb, with compliance determined as follows: At each site, the fourth highest daily eight-hour average for each year of a consecutive three-year period were averaged. The site with the highest value was compared to the standard to determine compliance. A value of 85 ppb or greater meant the area was in violation. MSA = Metropolitan Statistical Areas

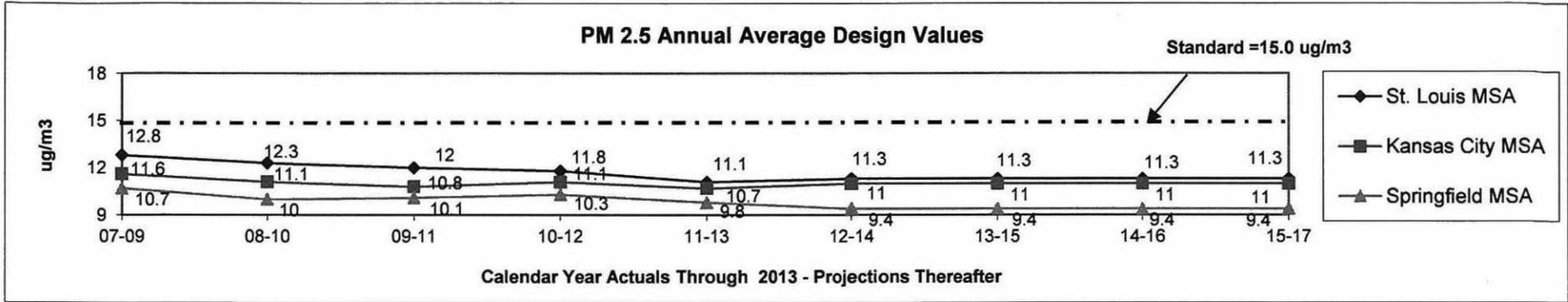
**New Standard Note:** EPA lowered the National Ambient Air Quality Standard for Ozone to 75 ppb. This 2008 standard resulted in the need to add monitors in St. Joseph, Joplin, Columbia, and Jefferson City to properly evaluate compliance throughout the state and ensure protection of public health.

**Ozone Projections:** Unusually hot and dry meteorological conditions in 2012 have contributed to more frequent daily ambient temperatures exceeding levels which are conducive to ozone formation. Consequently the 2013 projections include the unusually high ozone values in 2012. Given that forecasting air pollution concentrations is significantly more complicated than forecasting long term weather patterns, these ozone concentration projections have a high degree of uncertainty.

**PROGRAM DESCRIPTION**

**Department of Natural Resources**  
**DEQ - Air Pollution Control Program**  
**Program is found in the following core budget(s): Air Pollution Control Program**

**7a. Provide an effectiveness measure (continued).**

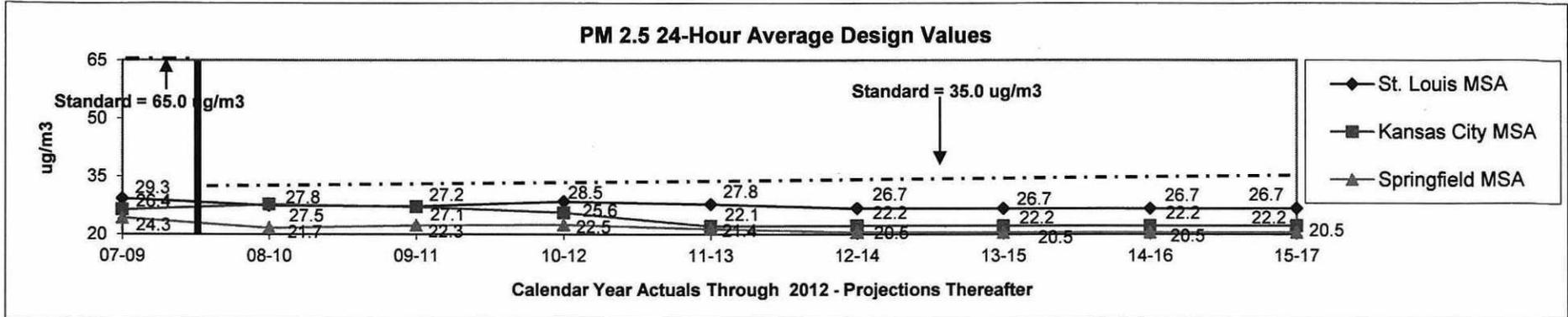


The Annual Average National Ambient Air Quality Standard for fine particles (PM 2.5) is 15 ug/m<sup>3</sup>. For each site, the annual average for each year of a consecutive three-year period are averaged. The site with the highest value determines the compliance for the entire area. No sites in Missouri are in violation. EPA has designated several counties on both the Missouri and Illinois side of the MSA as nonattainment due to their assessment of several factors including emissions, population, air quality, and others. A plan to bring the area into attainment was submitted to EPA in October 2009, as an amendment to the Missouri State Implementation Plan. Note: This analysis does not include the near-roadway PM<sub>2.5</sub> monitors due to the lack of data necessary to calculate a design value at this time. However, as enough data becomes available in future periods, the near-roadway sites' data will be included in the design value analysis for these areas (potentially by December 2016). MSA = Metropolitan Statistical Areas

**PROGRAM DESCRIPTION**

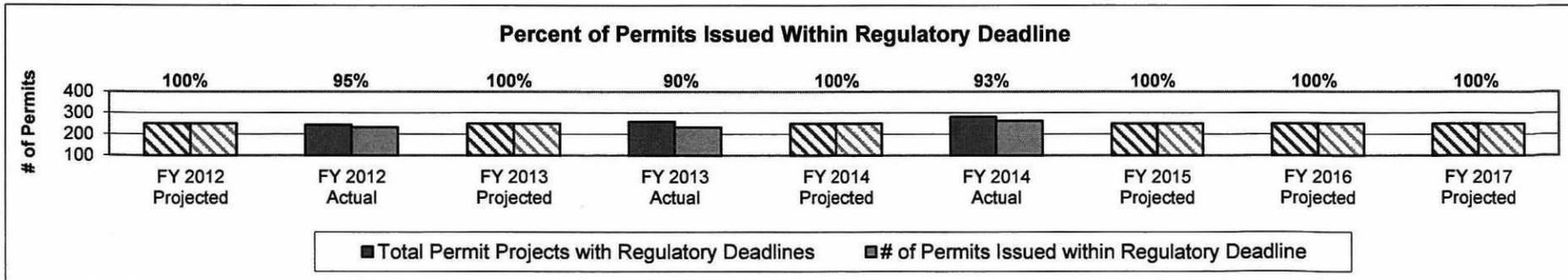
**Department of Natural Resources**  
**DEQ - Air Pollution Control Program**  
 Program is found in the following core budget(s): **Air Pollution Control Program**

**7a. Provide an effectiveness measure (continued).**



The 24-Hour National Ambient Air Quality Standard for fine particles (PM 2.5) has been lowered from 65 ug/m3 to the current standard of 35 ug/m3. For each site, the 24-hour average 98th percentile value for each year of a consecutive three-year period are averaged and referred to as the design value for that monitor. The site with the highest value determines the compliance for the entire area. Note: This analysis does not include the near-roadway PM2.5 monitors due to the lack of data necessary to calculate a design value at this time. However, as enough data becomes available in future periods, the near-roadway sites' data will be included in the design value analysis for these areas (potentially by December 2016). MSA = Metropolitan Statistical Areas

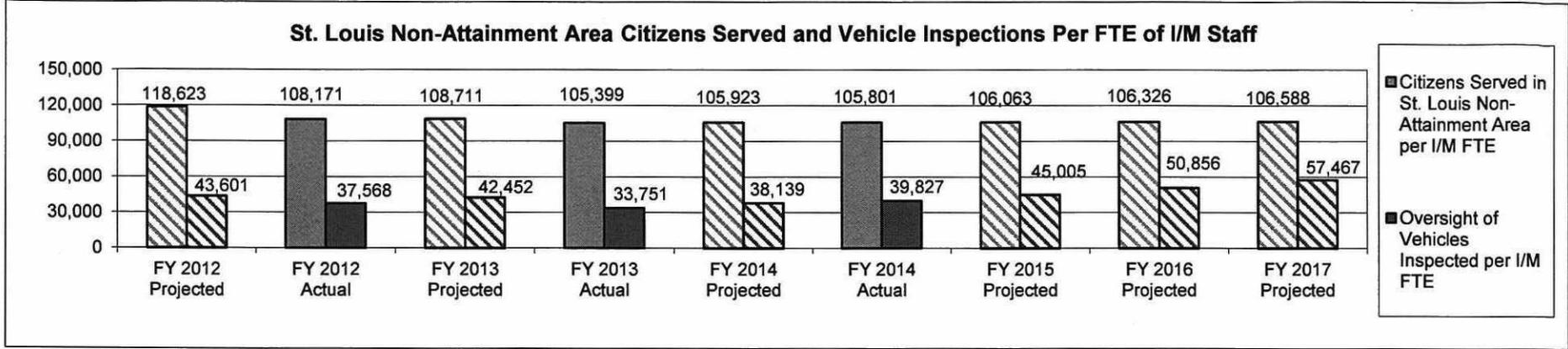
**7b. Provide an efficiency measure.**



**PROGRAM DESCRIPTION**

**Department of Natural Resources**  
**DEQ - Air Pollution Control Program**  
**Program is found in the following core budget(s): Air Pollution Control Program**

**7b. Provide an efficiency measure (continued).**



The Gateway Vehicle Inspection Program began October 1, 2007. Based on the increase in population of the St. Louis non-attainment area between FY 2012 and FY 2013, we have projected the population to grow by approximately 5,000 per year. Vehicle population is estimated to grow by approximately 13% per calendar year.

## PROGRAM DESCRIPTION

**Department of Natural Resources**

**DEQ - Air Pollution Control Program**

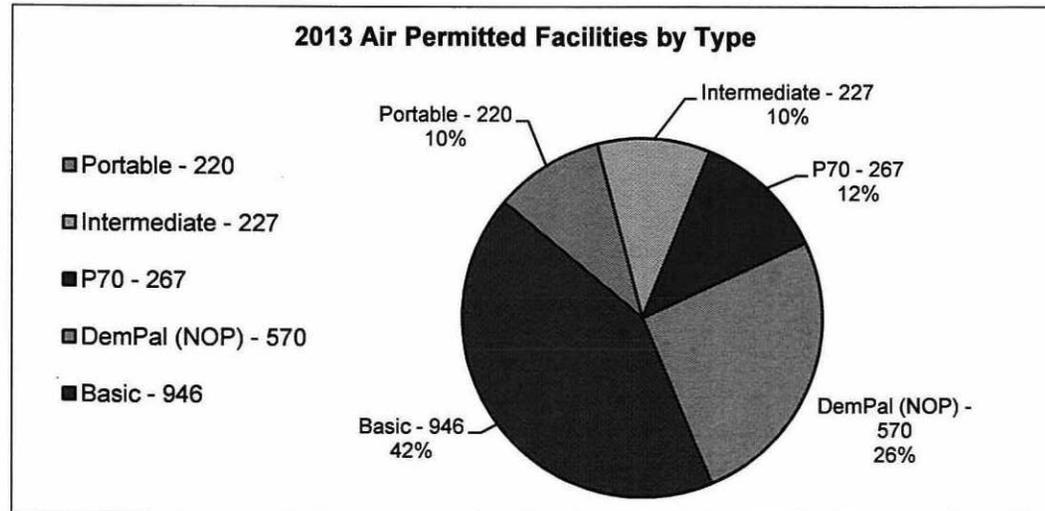
**Program is found in the following core budget(s): Air Pollution Control Program**

**7c. Provide the number of clients/individuals served, if applicable.**

### **Missouri Residents Served by DNR**

MDNR serves all Missouri residents (6.0 million) by performing inspections, permitting and air monitoring.

Population data is based on the 2013 US Census population estimate, which is the most current data.



P70 = Any facility with potential to emit greater than 100 tons per year (tpy) of any criteria pollutants, 10 tpy of any single hazardous air pollutant (HAP) or 25 tpy of combined HAPs.

Basic = Any facility with potential to emit greater than deminimis levels but less than 100 tons potential.

Intermediate = Any facility that has potential to emit greater than 100 tpy, but accepted an emission limit of less than 100 tons.

DemPal(NOP) = No operating permit required. Permit limits actual emissions to be below deminimis levels.

Portable = No operating permit required. The equipment is portable and must move at least every 2 years.

Data Source: 2013 Emission Inventory Questionnaires (most complete data available).

**PROGRAM DESCRIPTION**

**Department of Natural Resources**

**DEQ - Air Pollution Control Program**

**Program is found in the following core budget(s): Air Pollution Control Program**

**7c. Provide the number of clients/individuals served, if applicable (continued).**

The Air Pollution Control Program strives to maintain and improve the quality of Missouri's air to protect public health, general welfare and the environment from harmful air pollutants. Exposure to common air pollutants like ozone, particulate matter, carbon monoxide, or sulfur oxides, may cause a variety of adverse health effects. Some examples of health effects include respiratory problems, labored breathing, chronic bronchitis, irregular heartbeat, cancer, angina, impaired vision, and reduced brain function.

Asthma, which can be triggered by air pollutants, is a chronic disease which can range from mild to life-threatening. Allergens, respiratory infections, heavy exercise, exposure to chemicals, fumes, and smoke can all trigger asthma attacks. Although there is no cure for asthma yet, medication and avoiding a known trigger can reduce the number of attacks and their severity. Following are some asthma statistics:

According to 2010 estimates, more than 500,000 Missourians are living with asthma.
According to 2009 estimates, 14.5 percent of Missouri adults have been diagnosed with asthma in their lifetime.
In the year 2001, there were 397,696 Missouri households where at least one child had asthma.
562,580 Missourians visited the emergency room due to asthma between the years 1994-2012.
141,219 Missourians were hospitalized due to asthma between the years 1994-2012.
1,924 Missourians died due to asthma between the years 1990-2012.

The Missouri Department of Health and Senior Services (DHSS) provides the Asthma statistics through their Missouri Information for Community Assessment (MICA) program, and this data is the most current available. Corresponding costs for asthma in Missouri are currently not available.

	FY 2012 Projected	FY 2012 Actual	FY 2013 Projected	FY 2013 Actual	FY 2014 Projected	FY 2014 Actual	FY 2015 Projected	FY 2016 Projected	FY 2017 Projected
Vehicles Subject to GVIP Emission Inspection	742,082	695,767	786,217	643,294	726,922	759,112	857,796	969,309	1,095,320
Population of St. Louis Non- attainment Area	2,018,958	2,003,330	2,013,330	2,008,897	2,018,897	2,016,567	2,021,567	2,026,567	2,031,567

Vehicle estimates are expected to grow by approximately 13% per year. Population data for the non-attainment area which includes St. Louis County, St. Louis City, St. Charles County, Jefferson County and Franklin County is based on 2013 US Census population estimates. Based on the increase in population in the St. Louis non-attainment area between FY 2012 and FY 2013, we have projected the population to grow by approximately 5,000 per year.

**7d. Provide a customer satisfaction measure, if available.**

With the introduction of the Gateway Vehicle Inspection Program (GVIP), the number of inspection stations available to motorists has increased from 14 under the previous program to approximately 903 public and private stations with the GVIP. Motorists are now able to choose one facility that can perform both safety and emissions inspections, which maximizes the motorist convenience of the GVIP.

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