



December 2018  
SFR-72/18

# Annual Report of Nonfinancial Data

Fiscal Year Ended August 31, 2018



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Fiscal Year Ended August 31, 2018

Prepared by  
Financial Administration Division

SFR-72/18  
December 2018

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**Jon Niermann, *Chairman***  
**Emily Lindley, *Commissioner***

**Toby Baker, *Executive Director***

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Jon Niermann, *Chairman*  
Emily Lindley, *Commissioner*  
Toby Baker, *Executive Director*



## TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

*Protecting Texas by Reducing and Preventing Pollution*

December 20, 2018

Honorable Greg Abbott, Governor  
Lisa Collier, First Assistant State Auditor  
Sarah Keyton, Assistant Director, Legislative Budget Board  
John McGeady, Assistant Director, Legislative Budget Board

Ladies and Gentlemen:

We are pleased to submit the Texas Commission on Environmental Quality's *Annual Report of Nonfinancial Data* for the year ended August 31, 2018, in compliance with TEX. GOV'T CODE ANN. § 2101.0115 and in accordance with the instructions for completing the Annual Report of Nonfinancial Data.

The accompanying report has not been audited and is considered to be independent of the agency's or institution's *Annual Financial Report*.

If you have any questions, please contact Greg Yturralde, at 512-239-1952.

Sincerely,

A handwritten signature in black ink, appearing to be "Toby Baker", with a long horizontal line extending to the right.

Toby Baker  
Executive Director





**SECTION I**

**TCEQ AGENCY-SPECIFIC**

**INFORMATION**

-UNAUDITED-

**SCHEDULE OF SPACE OCCUPIED****Fiscal Year Ended August 31, 2018**

<u>Location</u>	<u>Address</u>	<u>Name of Lessor</u>	<u>Lease No.</u>	<u>Type</u>
<b>STATE OWNED:</b>				
Austin	12100 Park 35 Circle (Bldg. A)			Office
Austin	12124 Park 35 Circle (Bldg. B/C)			Office
Austin	12118 Park 35 Circle (Bldg. D/E)			Office
Corpus Christi	6300 Ocean Drive, Suite 1200			Office
Houston	5425 Polk Ave, Suite H			Office
El Paso	401 E. Franklin Ave., Suite 560			Office
<b>NON-STATE OWNED:</b>				
Abilene	1977 Industrial Blvd	PAK Harris Enterprises LTD	1110	Office
Amarillo	3918 Canyon Drive	Johnnie Shannon	20116	Office
Austin	12015 Park 35 Circle (Bldg. F)	The Colonnade Office Center	7689	Office
Austin	1700 Hydro Lane	Hart-Hejl Dev	4793	Access RD/Storage
Austin	13107 Dessau Road	Storage Town USA	10460	Storage
Beaumont	3870 Eastex Frwy., Suite 110	William E Wilson	7089	Office
Beaumont	2615 Calder St	Bar C Ranch	70623	Storage
Brazos Watermaster	209 E Mulberry Street	Michael M Phillips Law Firm, P.C.	20591	Office
Dallas/Fort Worth	2309 Gravel Riverside Tech Center	Riverbend Complex LLC	10462	Office
Eagle Pass	1152 Ferry Street	Tres Pobres Ltd	9058	Office
Harlingen	1804 W. Jefferson	WJA Properties LLC	9867	Office
Sugar Land Lab	12553 W Airport Cr	Griffin Partners Commerce Center, LP	20349	Lab
Houston Boat Storage	5144 Sam Houston Parkway North	Stephen Dennis Fallin	20507	Boat Storage
Laredo	707 Calton Rd.	TRE Ventuno LLC	10626	Office
Lubbock	5012 50th Street, Suite 100	3 Wiggle LLC	10767	Office
Midland	9900 W Interstate 20 Ste 100	KW-AFM Properties LLC	20301	Office/Lab/Storage
San Angelo	622 S. Oakes St.	City of San Angelo	9918	Office
San Angelo	5973 Knickerbocker	Red Bluff Storage	70627	Storage
San Antonio	14250 Judson Road	Naomi LP	1402	Office
Stephenville	580-D Lingleville Rd. Ste D	Rick Hale	1622	Office
Tyler	2916 Teague Drive	Jack F Paul Real Estate LLC	9232	Office
Waco	6801 Sanger Avenue, Suite 2500	Rydell Sanger, LLC	6231	Office
Webster	17041 El Camino Real	Bestour Inc	10780	Office

**TOTAL**

-UNAUDITED-

Usable Square Feet	FTEs	Rental Cost Per		Annual Cost
		Square Foot	Month	
165,720	543	N/A - State-Owned Property		
117,762	404	N/A - State-Owned Property		
93,627	282	N/A - State-Owned Property		
11,164	49	N/A - State-Owned Property		
41,732	193	N/A - State-Owned Property		
7,124	19	N/A - State-Owned Property		
8,805	19	1.0800	\$ 9,490.82	\$ 113,889.82
7,475	26	0.8040	5,989.78	71,877.36
167,110	660	1.7800	297,316.54	3,567,798.48
10,964	0	0.2884	3,193.88	38,326.56
2,000	0	0.6100	1,229.33	14,751.96
15,274	58	1.3900	22,177.82	266,133.84
2,160	0	0.5700	1,225.00	14,700.00
958	1	1.5800	1,513.64	18,163.68
26,084	99	0.7892	20,584.62	247,015.44
1,500	3	0.7192	1,078.85	12,946.20
12,109	31	1.2017	14,546.86	174,562.32
14,965	18	1.3100	19,632.70	235,592.40
3,212	0	1.3950	4,481.42	53,777.04
5,971	13	1.7050	10,178.94	122,147.28
6,848	20	1.2920	8,845.33	106,143.96
8,882	22	0.9880	8,776.82	105,321.84
7,946	18	12.0900	8,005.59	96,067.14
660	0	0.2400	160.00	1,920.00
17,020	68	1.6960	28,877.47	346,529.64
2,135	7	1.1170	2,384.43	28,613.16
15,640	49	10.3500	13,146.86	157,762.32
13,225	40	0.8817	13,461.76	161,541.12
1,871	8	1.2866	2,407.35	28,888.20
	<u>2650</u>		<u>\$ 498,706</u>	<u>\$ 5,984,469.76</u>

**PROFESSIONAL/CONSULTING FEES AND LEGAL SERVICE FEES  
For the Fiscal Year Ended August 31, 2018**

<u>PAYEE</u>	<u>AMOUNT</u>	<u>PURPOSE</u>
360 TRAINING COM INC	\$ 3,663.00	EDUCATIONAL/TRAINING SERVICES
AARCHER INSTITUTE OF ENVIRONMENTAL TRAINING	2,712.00	EDUCATIONAL/TRAINING SERVICES
ABACUS TECHNICAL SERVICES	176,637.00	INFORMATION TECHNOLOGY SERVICES
ACCESS MCLE LLC	19.00	EDUCATIONAL/TRAINING SERVICES
AD ENVIRONMENTAL SERVICES LLC	29,103.37	ARCHITECTURAL/ENGINEERING SERV
AECOM TECHNICAL SERVICES	4,670,213.41	OTHER PROFESSIONAL SERVICES
AMEC FOSTER WHEELER ENVIRONMENT & INFRASTRUCTURE	1,550,912.17	ARCHITECTURAL/ENGINEERING SERV
AMERICAN INSTITUTE OF CERTIFIED PUBLIC ACCOUNTANTS	178.00	EDUCATIONAL/TRAINING SERVICES
AMERICAN WATER WORKS ASSOCIATION	1,700.00	EDUCATIONAL/TRAINING SERVICES
ANALYTIK JENA US INC	9,897.00	EDUCATIONAL/TRAINING SERVICES
ANTEA USA INC	4,001,154.36	OTHER PROFESSIONAL SERVICES
APTIM ENVIRONMENTAL & INFRASTRUCTURE INC	3,158,385.32	OTHER PROFESSIONAL SERVICES
AQS INC	2,900.00	OTHER PROFESSIONAL SERVICES
ASCE - AMERICAN SOCIETY OF CIVIL ENGINEERS	775.00	EDUCATIONAL/TRAINING SERVICES
ASSOCIATION OF CERTIFIED FRAUD EXAMINERS	795.00	EDUCATIONAL/TRAINING SERVICES
ASTM INTERNATIONAL	5,000.00	EDUCATIONAL/TRAINING SERVICES
ATC GROUP SERVICES LLC	396,342.57	ARCHITECTURAL/ENGINEERING SERV
ATKINS NORTH AMERICA INC	79,140.00	OTHER PROFESSIONAL SERVICES
ATMOSPHERIC AND ENVIRONMENTAL RESEARCH INC	395,322.16	OTHER PROFESSIONAL SERVICES
AUSTIN CULLIGAN	1,235,429.10	OTHER PROFESSIONAL SERVICES
BANSAR TECHNOLOGIES INC	259,274.00	INFORMATION TECHNOLOGY SERVICES
BAXTER COMMUNICATIONS GROUP LLC	74.99	EDUCATIONAL/TRAINING SERVICES
BRAUN INTERTEC CORPORATION	110,018.72	OTHER PROFESSIONAL SERVICES
BURNS & MCDONNELL ENGINEERING COMPANY INC	25,000.00	OTHER PROFESSIONAL SERVICES
C & T INFORMATION TECHNOLOGY CONSULTING INC	849,203.98	INFORMATION TECHNOLOGY SERVICES
CB & I ENVIRONMENTAL & INFRASTRUCTURE INC	14,946.00	ARCHITECTURAL/ENGINEERING SERV
CDM SMITH INC	125,950.00	OTHER PROFESSIONAL SERVICES
CERTIFIED STAFFING SOLUTIONS INC	2,280.00	EDUCATIONAL/TRAINING SERVICES
CIP	(349,079.00)	INFORMATION TECHNOLOGY SERVICES
CITY OF AUSTIN-GRANTS ACCOUNTING	477,051.04	OTHER PROFESSIONAL SERVICES
CITY OF DALLAS	515,726.04	OTHER PROFESSIONAL SERVICES
CITY OF EL PASO	243,810.96	OTHER PROFESSIONAL SERVICES
CITY OF FORT WORTH	477,958.16	OTHER PROFESSIONAL SERVICES
CITY OF HOUSTON	882,414.87	OTHER PROFESSIONAL SERVICES
CITY OF SAN ANTONIO	177,571.16	OTHER PROFESSIONAL SERVICES
CLE ONLINE	37.00	EDUCATIONAL/TRAINING SERVICES
CMP MANAGEMENT	1,905.00	EDUCATIONAL/TRAINING SERVICES
COALFIRE SYSTEMS INC	4,150.00	OTHER PROFESSIONAL SERVICES
COLLEGE OF THE MAINLAND	6,528.00	EDUCATIONAL/TRAINING SERVICES
COMPLIANCE TRAINING ONLINE	239.90	EDUCATIONAL/TRAINING SERVICES
COOPER CONSULTING COMPANY	109,005.00	INFORMATION TECHNOLOGY SERVICES
CPE247 COM LLC	39.99	EDUCATIONAL/TRAINING SERVICES
CRAIN CATON & JAMES PC	833.33	OTHER PROFESSIONAL SERVICES
D & H UNITED FUELING SOLUTIONS	29,064.81	OTHER PROFESSIONAL SERVICES
DALE CARNEGIE & ASSOCIATES INC	299.00	EDUCATIONAL/TRAINING SERVICES
DANIEL B STEPHENS & ASSOCIATES INC	1,927,183.46	OTHER PROFESSIONAL SERVICES
DATACHEM SOFTWARE	339.00	EDUCATIONAL/TRAINING SERVICES
DEAN A HENDRICKSON	142.31	EDUCATIONAL/TRAINING SERVICES
DEAN KILGORE	2,100.00	OTHER PROFESSIONAL SERVICES
DEER OAKS EAP SERVICES LLC	36,412.40	OTHER PROFESSIONAL SERVICES
DEFENSIVE DRIVING DOT COM	50.00	EDUCATIONAL/TRAINING SERVICES
DESERT NEWCO LLC	40.34	INFORMATION TECHNOLOGY SERVICES
DIOS DADO ENVIRONMENTAL LTD	116,249.24	OTHER PROFESSIONAL SERVICES
DOUBLEHORN COMMUNICATIONS LLC	2,883.60	INFORMATION TECHNOLOGY SERVICES
EA ENGINEERING SCIENCE AND TECHNOLOGY	519,752.36	ARCHITECTURAL/ENGINEERING SERV
EAGLE PASS ISD	16,000.00	OTHER PROFESSIONAL SERVICES
EASTERN RESEARCH GROUP INC	1,958.50	OTHER PROFESSIONAL SERVICES
EE&G	1,508,993.00	OTHER PROFESSIONAL SERVICES
EMERALD ENVIRONMENTAL SERVICES LTD	266,630.00	OTHER PROFESSIONAL SERVICES

**PROFESSIONAL/CONSULTING FEES AND LEGAL SERVICE FEES**  
**For the Fiscal Year Ended August 31, 2018**

<u>PAYEE</u>	<u>AMOUNT</u>	<u>PURPOSE</u>
EMPLOYEES GROUP INSURANCE FUND	\$ 142,800.00	OTHER PROFESSIONAL SERVICES
ENFOLD SYSTEMS INC	114,080.00	INFORMATION TECHNOLOGY SERVICES
ENFOTECH AND CONSULTING INC	169,888.00	INFORMATION TECHNOLOGY SERVICES
ENPROTEC INC/HIBBS AND TODD INC	1,067,433.61	ARCHITECTURAL/ENGINEERING SERV
ENSAFE INC	1,011,709.68	OTHER PROFESSIONAL SERVICES
ENTERPRISE TRAINING SOLUTIONS INC	13,560.00	EDUCATIONAL/TRAINING SERVICES
ENVIRONMENTAL EXPRESS INC	3,250.00	EDUCATIONAL/TRAINING SERVICES
ENVIRONMENTAL OPTIONS INC	1,300.00	EDUCATIONAL/TRAINING SERVICES
ENVIRONMENTAL PROTECTION AGENCY	222,181.90	ARCHITECTURAL/ENGINEERING SERV
ENVIRONMENTAL RESEARCH & EDUCATION FOUNDATION	42.00	EDUCATIONAL/TRAINING SERVICES
ENVIRONMENTAL TEAM RESOURCES LLC	4,750.00	EDUCATIONAL/TRAINING SERVICES
EOCI	1,750.00	OTHER PROFESSIONAL SERVICES
ERG	755,197.56	OTHER PROFESSIONAL SERVICES
ESCAL INSTITUTE OF ADVANCED TECHNOLOGIES INC	3,750.00	EDUCATIONAL/TRAINING SERVICES
ESRI	4,520.00	EDUCATIONAL/TRAINING SERVICES
GALVESTON BAY FOUNDATION	19,000.63	OTHER PROFESSIONAL SERVICES
GALVESTON COUNTY HEALTH DISTRICT	90,401.98	OTHER PROFESSIONAL SERVICES
GEO STRATA-INTERA LLC	12,382.75	OTHER PROFESSIONAL SERVICES
GEOSTRATA ENVIRONMENTAL CONSULTANTS INC	590,949.00	OTHER PROFESSIONAL SERVICES
GETDEFENSIVE COM	100.00	EDUCATIONAL/TRAINING SERVICES
GLADYS PORTER ZOO	450,000.00	OTHER PROFESSIONAL SERVICES
GRADCO LLC DBA GRADIENT	40,394.50	OTHER PROFESSIONAL SERVICES
GRIMES & ASSOCIATES CONSULTING ENGINEERS	212,530.15	ARCHITECTURAL/ENGINEERING SERV
GROUNDWATER SERVICES INC	4,995.00	EDUCATIONAL/TRAINING SERVICES
HACH COMPANY	3,500.00	EDUCATIONAL/TRAINING SERVICES
HANDS ON TECHNOLOGY TRANSFER INC	4,990.00	EDUCATIONAL/TRAINING SERVICES
HOME TEAM SERVICES LLC DBA GLOBAL NETWATCH	2,016.55	INFORMATION TECHNOLOGY SERVICES
HORIZONS SOUTHWEST MANAGEMENT LP	14,585.42	EDUCATIONAL/TRAINING SERVICES
INCONTROL TECHNOLOGIES INC	1,035,868.85	ARCHITECTURAL/ENGINEERING SERV
INTERA INCORPORATED	100,875.61	OTHER PROFESSIONAL SERVICES
INXELERATE SOLUTION LLC	9,352.00	EDUCATIONAL/TRAINING SERVICES
JET SOFTWARE SOLUTIONS INC	2,200,330.00	INFORMATION TECHNOLOGY SERVICES
JP MORGAN CHASE	93,191.91	ARCHITECTURAL/ENGINEERING SERV
KFORCE INC	36,464.00	INFORMATION TECHNOLOGY SERVICES
KLEINFELDER INC	57,849.30	OTHER PROFESSIONAL SERVICES
LEAK SURVEYS INC	45,649.76	OTHER PROFESSIONAL SERVICES
LEARNING TREE INTERNATIONAL USA INC	40,380.00	EDUCATIONAL/TRAINING SERVICES
LEE CONSULTING GROUP INC	850.00	EDUCATIONAL/TRAINING SERVICES
LINEBARGER GOGGAN BLAIR SAMPSON LLP	103,665.44	FINANCIAL AND ACCOUNTING SERV
LINKEDIN CORPORATION	5,490.00	EDUCATIONAL/TRAINING SERVICES
LION TECHNOLOGY INC	1,529.00	EDUCATIONAL/TRAINING SERVICES
LORMAN BUSINESS CENTER INC	318.40	EDUCATIONAL/TRAINING SERVICES
MASTERCPE LLC	79.90	EDUCATIONAL/TRAINING SERVICES
MCCONNELL AND JONES, LLP	35,000.00	OTHER PROFESSIONAL SERVICES
MCLANE GROUP	727,834.58	INFORMATION TECHNOLOGY SERVICES
MICROASSIST INC	56,477.00	EDUCATIONAL/TRAINING SERVICES
MILLER ENGINEERS INC DBA SOUDER MILLER & ASSOC	119,159.03	OTHER PROFESSIONAL SERVICES
MINDEGE INC	158.00	EDUCATIONAL/TRAINING SERVICES
MONTROSE AIR QUALITY SERVICES LLC	18,145.00	OTHER PROFESSIONAL SERVICES
MYERS AND STAUFFER LC	3,043.90	INFORMATION TECHNOLOGY SERVICES
NATIONAL ECONOMIC RESEARCH ASSOCIATES INC	302,370.00	OTHER PROFESSIONAL SERVICES
NATIONAL PARK SERVICE	19,735.26	OTHER PROFESSIONAL SERVICES
NEIL S GRIGG PE	7,121.41	OTHER PROFESSIONAL SERVICES
NEOS CONSULTING GROUP LLC	44,051.04	INFORMATION TECHNOLOGY SERVICES
NEW HORIZONS COMPUTER LEARNING CENTERS OF AUSTIN	9,755.46	EDUCATIONAL/TRAINING SERVICES
NF CONSULTING SERVICES	426,041.50	INFORMATION TECHNOLOGY SERVICES
OMEGA PROJECT SOLUTIONS INC	10,800.00	INFORMATION TECHNOLOGY SERVICES
ONLINE CONSULTING INC	5,320.75	EDUCATIONAL/TRAINING SERVICES
ONLINE CONSULTING INC DBA ONLC TRAINING CENTERS	4,264.00	EDUCATIONAL/TRAINING SERVICES

**PROFESSIONAL/CONSULTING FEES AND LEGAL SERVICE FEES  
For the Fiscal Year Ended August 31, 2018**

<u>PAYEE</u>	<u>AMOUNT</u>	<u>PURPOSE</u>
ORACLE AMERICA INC	\$ 10,034.50	EDUCATIONAL/TRAINING SERVICES
ORSAT L L C	522,550.00	OTHER PROFESSIONAL SERVICES
PACOTECH INC	3,023,369.90	OTHER PROFESSIONAL SERVICES
PARSON TRANSPORTATION GROUP	218,723.88	OTHER PROFESSIONAL SERVICES
PAVEMENT PRODUCTIONS ATX LLC	67,200.00	OTHER PROFESSIONAL SERVICES
PHILOTECHNICS LTD	248,139.69	OTHER PROFESSIONAL SERVICES
PLURALSIGHT LLC	4,491.00	EDUCATIONAL/TRAINING SERVICES
PROGRESSIVE BUSINESS PUBLICATIONS	597.00	EDUCATIONAL/TRAINING SERVICES
PROGRESSIVE ENVIRONMENTAL SERVICES INC	872,777.98	OTHER PROFESSIONAL SERVICES
PULSE MEDIA INC	1,174.24	EDUCATIONAL/TRAINING SERVICES
QUANTUM ENVIRONMENTAL CONSULTANTS INC	109,217.04	OTHER PROFESSIONAL SERVICES
RAMBOLL ENVIRON US CORPORATION	296,922.54	OTHER PROFESSIONAL SERVICES
RANGER ENVIRONMENTAL SERVICES INC	1,388,256.70	ARCHITECTURAL/ENGINEERING SERV
REDVECTOR COM LLC	2,121.57	EDUCATIONAL/TRAINING SERVICES
SAP AMERICA INC	2,675.00	EDUCATIONAL/TRAINING SERVICES
SCHOOL OF PE INC	990.00	EDUCATIONAL/TRAINING SERVICES
SEA TURTLE, INC	108,800.00	OTHER PROFESSIONAL SERVICES
SHEPHERD TECHNICAL SERVICES	118,429.00	OTHER PROFESSIONAL SERVICES
SHI GOVERNMENT SOLUTIONS INC	31,288.00	EDUCATIONAL/TRAINING SERVICES
SIMS & ASSOCIATES WEST INC	106,500.00	OTHER PROFESSIONAL SERVICES
SKILLSOFT CORPORATION	72,008.79	EDUCATIONAL/TRAINING SERVICES
SLA ENVIRONMENTAL SERVICES LTD	10,177.06	OTHER PROFESSIONAL SERVICES
SOLID WASTE ASSOCIATION OF NORTH AMERICA	79.00	EDUCATIONAL/TRAINING SERVICES
STATE AUDITOR'S OFFICE	3,063.87	EDUCATIONAL/TRAINING SERVICES
STATE BAR OF TEXAS	160.00	EDUCATIONAL/TRAINING SERVICES
STATISTICS COM	549.00	EDUCATIONAL/TRAINING SERVICES
STORMWATER ONE LLC	457.00	EDUCATIONAL/TRAINING SERVICES
SURGENT HOLDING CORPORATION	239.00	EDUCATIONAL/TRAINING SERVICES
SUTRON CORPORATION	269,583.00	OTHER PROFESSIONAL SERVICES
SYSTEMS EVOLUTION INC	15,810.00	INFORMATION TECHNOLOGY SERVICES
TALON LPE LTD	1,823,013.27	ARCHITECTURAL/ENGINEERING SERV
TECHNICAL MONITORING SERVICES INC	203,795.00	OTHER PROFESSIONAL SERVICES
TERRACON CONSULTANTS INC	641,055.58	OTHER PROFESSIONAL SERVICES
TEXAS A&M AGRILIFE RESEARCH	650.00	EDUCATIONAL/TRAINING SERVICES
TEXAS A&M ENGINEERING EXTENSION SERVICE	260,735.00	EDUCATIONAL/TRAINING SERVICES
TEXAS A&M GALVESTON	56,999.41	OTHER PROFESSIONAL SERVICES
TEXAS AGRILIFE EXTENSION SERVICE	1,050.00	EDUCATIONAL/TRAINING SERVICES
TEXAS AWWA	81,139.23	OTHER PROFESSIONAL SERVICES
TEXAS CENTER FOR LEGAL ETHICS & PROFESSIONALISM	170.00	EDUCATIONAL/TRAINING SERVICES
TEXAS COMPTROLLER OF PUBLIC ACCOUNTS	9,156.00	OTHER PROFESSIONAL SERVICES
TEXAS DEPT OF INFORMATION RESOURCES	10,768,950.76	COMPUTER SERVICES-STATEWIDE TECH. CENTER
TEXAS GIS FORUM	1,275.00	EDUCATIONAL/TRAINING SERVICES
TEXAS PARKS & WILDLIFE DEPARTMENT	225,000.00	OTHER PROFESSIONAL SERVICES
TEXAS PRECISION MONITORING LLC	87,266.67	OTHER PROFESSIONAL SERVICES
TEXAS RURAL WATER ASSOCIATION	1,619,566.76	EDUCATIONAL/TRAINING SERVICES
TEXAS SAFEKEEPING TRUST CO.	20,500.61	FINANCIAL AND ACCOUNTING SERVICES
TEXAS WATER QUALITY ASSOCIATION	65.00	EDUCATIONAL/TRAINING SERVICES
TEXAS WATER UTILITIES ASSOCIATION	750.00	EDUCATIONAL/TRAINING SERVICES
TEXAS WORKFORCE COMMISSION	41,188.17	EDUCATIONAL/TRAINING SERVICES
THE NELAC INSTITUTE	400.00	EDUCATIONAL/TRAINING SERVICES
THE SANBORN MAP COMPANY INC	104,476.24	ARCHITECTURAL/ENGINEERING SERV
THE SPEARHEAD GROUP INC	16,008.00	INFORMATION TECHNOLOGY SERVICES
THE UNITED SOLUTIONS GROUP INC	41,194.50	INFORMATION TECHNOLOGY SERVICES
THERMO ENVIRONMENTAL INSTRUMENTS INC	3,780.00	EDUCATIONAL/TRAINING SERVICES
TIBH INDUSTRIES INC - TEMPS	112,155.29	INFORMATION TECHNOLOGY SERVICES
TNRIS TECHNICAL TRAINING	6,475.00	EDUCATIONAL/TRAINING SERVICES
TURTLE ISLAND RESTORATION NETWORK	51,559.00	OTHER PROFESSIONAL SERVICES
TXC TEXAS CREATIVE LTD	245,632.44	OTHER PROFESSIONAL SERVICES
U S DEPARTMENT OF INTERIOR	1,403.13	OTHER PROFESSIONAL SERVICES

**PROFESSIONAL/CONSULTING FEES AND LEGAL SERVICE FEES  
For the Fiscal Year Ended August 31, 2018**

<u>PAYEE</u>	<u>AMOUNT</u>	<u>PURPOSE</u>
U S ENVIRONMENTAL PROTECTION AGENCY	\$ 248,604.25	ARCHITECTURAL/ENGINEERING SERV
UNITED STATES GEOLOGICAL SURVEY	596,035.53	OTHER PROFESSIONAL SERVICES
UNIVERSITY OF NEBRASKA	25,000.00	OTHER PROFESSIONAL SERVICES
UNIVERSITY OF NORTH TEXAS	79.00	EDUCATIONAL/TRAINING SERVICES
UNIVERSITY OF TEXAS AT ARLINGTON	4,000.00	EDUCATIONAL/TRAINING SERVICES
UNIVERSITY OF TEXAS AT AUSTIN	390,217.17	EDUCATIONAL/TRAINING SERVICES
UNIVERSITY OF TEXAS HEALTH SERVICES	478,720.00	MEDICAL SERVICES
USDA-NFC-FMMI COD COLLECTIONS	150,000.00	OTHER PROFESSIONAL SERVICES
UT - AUSTIN SCHOOL OF SOCIAL WORK	13,549.00	OTHER PROFESSIONAL SERVICES
UT HEALTH CENTER AT TYLER	25,198.00	MEDICAL SERVICES
UXO PRO INC	34,774.47	OTHER PROFESSIONAL SERVICES
WEBUCATOR INC	1,876.25	EDUCATIONAL/TRAINING SERVICES
WEST TEXAS A&M UNIVERSITY	52,979.78	INFORMATION TECHNOLOGY SERVICES
WEST TEXAS SAFETY TRAINING CENTER INC	450.00	EDUCATIONAL/TRAINING SERVICES
WESTON SOLUTIONS INC	862,559.03	OTHER PROFESSIONAL SERVICES
WILKINS GROUP INC	6,178.92	INFORMATION TECHNOLOGY SERVICES
WOOD ENVIRONMENT AND INFRASTRUCTURE SOLUTIONS INC	9,941.50	OTHER PROFESSIONAL SERVICES
WOOTEN ENVIRONMENTAL CONSULTING	32,400.00	OTHER PROFESSIONAL SERVICES
WRD MANAGEMENT CORPORATION	32,900.00	EDUCATIONAL/TRAINING SERVICES
X8ENVIRONMENTAL INC	634,296.14	ARCHITECTURAL/ENGINEERING SERV
<b>TOTAL PROFESSIONAL AND CONSULTING FEES</b>	<b>\$ 62,098,099.31</b>	
 <b>LEGAL SERVICE FEES</b>		
STATE OFFICE OF ADMINISTRATIVE HEARINGS	354,894.48	OTHER PROFESSIONAL SERVICES
SOMACH SIMMONS & DUNN	1,304,822.12	LEGAL SERVICES
<b>TOTAL LEGAL SERVICE FEES</b>	<b>\$ 1,659,716.60</b>	
 <b>TOTAL PROFESSIONAL/CONSULTING AND LEGAL SERVICES</b>		
<b>FEES REPORTED ON ANNUAL FINANCIAL REPORT</b>	<b>\$ 63,757,815.91</b>	

**SCHEDULE OF ITEMIZED PURCHASES (PROPRIETARY PURCHASES)****Fiscal Year Ended August 31, 2018**

<b>Vendor Name</b>	<b>Amount</b>	<b>Purpose</b>	<b>Justification</b>
TELEDYNE API	\$ 126,223.00	Air Monitoring Parts	The Original Equipment Manufacturer (OEM) parts are required to insure the proper fit and function of the existing equipment. Incorrect parts may cause a loss of data from equipment malfunction. Use of non Teledyne parts on Teledyne equipment invalidates the warranty.
ALL BUSINESS MACHINES INC DBA ATTAINIT	\$ 49,039.44	Air Monitoring Parts	The Original Equipment Manufacturer (OEM) parts are required to insure the proper fit and function of the existing equipment. Incorrect parts may cause a loss of data from equipment malfunction. Use of non Thermo-Fisher parts will void the warranty.
PERKINELMER HEALTH SCIENCES INC	\$ 166,378.00	Precursor monitoring systems	The TCEQ LEADS software is programmed to ingest data based on the specific data output files from the TotalChrom software by counting characters and selecting file components based on location in the file. Control and data management programs from other vendors have different formats and are not compatible with LEADS without reprogramming. The PerkinElmer brand ozone precursor system (the GC, related support instruments, and TotalChrom software) is the only system compatible with LEADS, which allows TCEQ to meet federal regulatory requirements and grant deliverables. Perkin Elmer will not warranty any products that are attached to components that are not purchased through them.



**SCHEDULE OF ITEMIZED PURCHASES (PROPRIETARY PURCHASES)****Fiscal Year Ended August 31, 2018**

<b>Vendor Name</b>	<b>Amount</b>	<b>Purpose</b>	<b>Justification</b>
AGILENT TECHNOLOGIES	\$ 49,878.00	Repair and preventative Maintenance	Only an Agilent authorized service provider can provide real time unlimited phone, software, and technical support along with software updates that are from factory trained engineers. Only an Agilent authorized service provider can include 100% service guarantee that if the instrument cannot be repaired, the instrument must be replaced.
ORSAT, L.L.C.	\$ 79,186.42	Replacement Parts	The parts are part of an integrated system sold as a unit to meet the specifications, which include functionality with LEADS. Only these parts are approved by the manufacturer for replacement in this system to maintain functionality and the warranty.
ENTECH INSTRUMENTS, INC.	\$ 7,259.90	Canister for Entech 7200	The data generated by this equipment are required to meet certain acceptance criteria in order to satisfy deliverables documented in an EPA-approved QAPP as part of a grant that TCEQ receives from EPA. These parts are the only guaranteed parts to meet the necessary OEM specifications
MET ONE INSTRUMENTS INC	\$ 11,843.60	Parts for repair	The manufacturer's parts are needed to maintain the equipment in working order to meet network goals and to maintain certification by the EPA. Only the original equipment manufacturer makes parts for this equipment.

**SCHEDULE OF ITEMIZED PURCHASES (PROPRIETARY PURCHASES)****Fiscal Year Ended August 31, 2018**

<u>Vendor Name</u>	<u>Amount</u>	<u>Purpose</u>	<u>Justification</u>
MARINELAND BOATING CENTER	\$ 12,880.00	Boat Motor	To maintain continuity with existing Yamaha starboard engines and systems purchased with boat and to prevent potential damage to boat, engines, mechanical and electrical systems. The differing power bands and torque, lower unit gear ratio, and unequal thrust ratio at the same rpm provided by differing manufactures will cause issues with performance, handling, safety, and uneven torqueing of the boat transom. Further, installation of various other manufacturers will have increased cost of installation for compatibility issues with the existing Yamaha systems and creates a one off system with custom or difficult to source parts for repair.
THERMO ENVIRONMENTAL INSTRUMENTS INC	\$ 9,886.00	Pumps and pump parts for PM instruments	The original equipment manufacturer (OEM) parts are required to ensure the proper fit and junction of the existing equipment. Incorrect parts may cause a loss of data from equipment malfunction.
ORSAT, L.L.C	\$ 24,656.46	AutoGC Parts	These parts are part of an integrated system sold as a unit to meet the specifications, which include functionality with LEADS. Only these parts are approved by the manufacturer for replacement in this system to maintain functionality and the warranty.
ENTECH INSTRUMENTS, INC.	\$ 23,426.95	Canister cleaning system	Entech equipment utilizes a proprietary internal coating, Silonite®, which has undergone extensive method development and testing by the laboratory and contributes to the ability of the data generated to meet data quality objectives.
ALL BUSINESS MACHINES INC	\$ 18,381.74	Parts	The use of non-factory authorized parts would invalidate standard Agilent warranties.

**SCHEDULE OF ITEMIZED PURCHASES (PROPRIETARY PURCHASES)**

**Fiscal Year Ended August 31, 2018**

<u>Vendor Name</u>	<u>Amount</u>	<u>Purpose</u>	<u>Justification</u>
ENTECH INSTRUMENTS, INC.	\$ 15,650.70	Canisters	Rasmussen canisters and Restek Summa canisters have been evaluated by the laboratory. These products are not as reliable in meeting the requirements of the Air Laboratory testing programs and the requirements of the federally funded programs the laboratory supports. Entech is the only manufacturer that can provide canisters with Silonite® coating, nickel ferrules and a TrueSeal valve that meet these requirements.

**HUB STRATEGIC PLAN PROGRESS REPORT  
For the Year Ended August 31, 2018**

<b>Goal = Strategic Plan HUB Goal</b> <b>Actual =% Spent with HUBs from HUB Report</b>	<b>TCEQ Actual% forFY 2017</b>	<b>TCEQ Actual% forFY 2018</b>	<b>CPA Goal forFY 2018</b>
Heavy Construction other than building contracts	N/A	N/A	N/A
Building construction, including general contractors and operative builders contracts	N/A	N/A	N/A
Special trade construction contracts	N/A	N/A	N/A
Professional services contracts	11.89%	15.45%	23.7%
Other services contracts	40.44%	44.19%	26.0%
Commodities contracts	28.39%	38.09%	21.1%

Prepared by: Claribel Diaz

Printed Name: Claribel Diaz

Phone Number: (512) 239-1293

Approved: Donna White

Printed Name: Donna White, OAS Acting Deputy Director

Phone Number: (512) 239- 5709

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**APPROPRIATION ITEM TRANSFER SCHEDULE**  
**Fiscal Year Ended August 31, 2018**

**Item of Appropriation (Strategies)**

	<u>Transfers In</u>	<u>Transfers Out</u>	<u>Net Transfers</u>
<b>A. Goal: Assessment, Planning and Permitting</b>			
Strategies:			
A.1.1. 13034 Air Quality Assessment and Planning	\$ 0.00	\$ (60,396.69)	\$ (60,396.69)
A.1.2. 13035 Water Assessment and Planning	0.00	(356,633.90)	(356,633.90)
A.1.3. 13036 Waste Assessment and Planning	0.00	0.00	0.00
A.2.1. 13031 Air Quality Permitting	0.00	0.00	0.00
A.2.2. 13032 Water Resource Permitting	62,634.00	(174,627.00)	(111,993.00)
A.2.3. 13033 Waste Management and Permitting	0.00	0.00	0.00
A.2.4. 13043 Occupational Licensing	0.00	(8,976.75)	(8,976.75)
A.3.1. 13038 Radioactive Materials Mgmt	0.00	0.00	0.00
<b>Total Goal A: Assessment, Planning and Permitting</b>	<b>\$ 62,634.00</b>	<b>\$ (600,634.34)</b>	<b>\$ (538,000.34)</b>
<b>B. Goal: Drinking Water</b>			
Strategies:			
B.1.1. 13039 Safe Drinking Water	\$ 230,963.42	\$ 0.00	\$ 230,963.42
<b>Total Goal B: Drinking Water</b>	<b>\$ 230,963.42</b>	<b>\$ 0.00</b>	<b>\$ 230,963.42</b>
<b>C. Goal: Enforcement and Compliance Support</b>			
Strategies:			
C.1.1. 13041 Field Inspections and Complaints	\$ 1,613,314.95	\$ (313,965.85)	\$ 1,299,349.10
C.1.2. 13042 Enforcement and Compliance Support	99,975.00	(836,208.97)	(736,233.97)
C.1.3. 13037 Pollution Prevention Recycling	417,300.47	0.00	417,300.47
<b>Total Goal C: Enforcement and Compliance Support</b>	<b>\$ 2,130,590.42</b>	<b>\$ (1,150,174.82)</b>	<b>\$ 980,415.60</b>
<b>D. Goal: Pollution Cleanup</b>			
Strategies:			
D.1.1. 13044 Storage Tank Admin & Cleanup	\$ 0.00	\$ 0.00	\$ 0.00
D.1.2. 13046 Hazardous Materials Cleanup	0.00	(175,043.26)	(175,043.26)
<b>Total Goal D: Pollution Cleanup</b>	<b>\$ 0.00</b>	<b>\$ (175,043.26)</b>	<b>\$ (175,043.26)</b>
<b>E. Goal: River Compact Commissions</b>			
Strategies:			
E.1.1. 13050 Canadian River Compact	\$ 0.00	\$ 0.00	\$ 0.00
E.1.2. 13051 Pecos River Compact	0.00	0.00	0.00
E.1.3. 13052 Red River Compact	0.00	0.00	0.00
E.1.4. 13053 Rio Grande River Compact	0.00	0.00	0.00
E.1.5. 13054 Sabine River Compact	0.00	0.00	0.00
<b>Total Goal E: River Compact Commission</b>	<b>\$ 0.00</b>	<b>\$ 0.00</b>	<b>\$ 0.00</b>
<b>F. Goal: Indirect Administration</b>			
Strategies:			
F.1.1. 13800 Central Administration	\$ (15,042.02)	\$ (2,788,753.21)	\$ (2,803,795.23)
F.1.2. 13801 Information Resources	1,511,299.35	21,409.26	1,532,708.61
F.1.3. 13802 Other Support Services	832,618.98	(59,867.78)	772,751.20
<b>Total Goal F: Indirect Administration</b>	<b>\$ 2,328,876.31</b>	<b>\$ (2,827,211.73)</b>	<b>\$ (498,335.42)</b>
<b>Net Appropriation Item Transfers</b>	<b>\$ 4,753,064.15</b>	<b>\$ (4,753,064.15)</b>	<b>\$ 0.00</b>

\* This schedule does not include Benefit Replacement Pay, Rider Reduction, Salary Increase or Longevity Transfers.

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**SCHEDULE OF VEHICLES PURCHASED**  
**Fiscal Year Ended August 31, 2018**

<b>Make</b>	<b>Model</b>	<b>Quantity</b>	<b>Purchase Price</b>	<b>Type of Use</b>	<b>Fuel Efficiency In Average Miles per Gallon City/Highway</b>
Dodge	Journey	1	\$ 22,225.45	Central Administration	19/25
Ford	Taurus	1	20,583.00	Central Administration	18/27
Ford	Escape	1	18,697.56	Field Investigation	23/30
Chevrolet	Silverado	1	24,960.00	Field Investigation	18/24
Dodge	Ram 1500 Truck	1	21,654.00	Field Investigation	21/26
Ford	Escape	1	18,697.56	Central Administration	23/30
Dodge	Caravan	1	21,812.35	Central Administration	17/25
Chevrolet	Suburban	1	49,021.00	Field Investigation	16/23
Chevrolet	FS Crew	1	27,257.00	Field Investigation	18/24
Chevrolet	FS Crew	1	24,768.00	Field Investigation	18/24
Chevrolet	FS Crew	1	24,768.00	Field Investigation	18/24
Chevrolet	FS Crew	1	24,768.00	Field Investigation	18/24
Chevrolet	FS Crew	1	24,768.00	Field Investigation	18/24
Chevrolet	Silverado	1	24,768.00	Field Investigation	18/24
Chevrolet	Crew	1	42,198.72	Field Investigation	N/A
Chevrolet	Crew	1	42,198.72	Field Investigation	N/A
Chevrolet	Silverado	1	42,198.72	Field Investigation	N/A
Chevrolet	Silverado	1	27,893.00	Field Investigation	18/24
Chevrolet	Silverado	1	27,893.00	Field Investigation	18/24
Ford	Fusion Hybrid	1	23,794.00	Central Administration	43/41
Ford	Fusion Hybrid	1	23,794.00	Central Administration	43/41
Dodge	Ram 1500 Truck	1	27,747.59	Field Investigation	21/26
Nissan	Frontier	1	26,417.00	Field Investigation	19/23
Chevrolet	Silverado, XCAB	1	21,904.00	Field Investigation	18/24
Chevrolet	Silverado	1	23,490.00	Field Investigation	18/24
Chevrolet	Silverado	1	28,452.60	Field Investigation	18/24
Chevrolet	Silverado	1	28,452.60	Field Investigation	18/24
Chevrolet	Traverse FS V6 AWD	1	26,057.00	Field Investigation	20/26
Chevrolet	Silverado	1	28,870.60	Field Investigation	18/24
Chevrolet	Silverado	1	25,877.60	Field Investigation	18/24
Chevrolet	Silverado FS crew	1	26,797.00	Field Investigation	18/24
Chevrolet	Traverse FS V6	1	23,979.00	Field Investigation	20/26
Nissan	Frontier	1	22,488.00	Field Investigation	19/23
Ford	Escape	1	19,509.00	Field Investigation	23/30
Chevrolet	Silverado	1	28,800.60	Field Investigation	18/24
Chevrolet	Colorado	1	24,888.00	Field Investigation	18/24
Chevrolet	FS Crew	1	25,979.00	Field Investigation	18/24
Chevrolet	FS Crew	1	25,979.00	Field Investigation	18/24
Chevrolet	FS Crew	1	25,979.00	Field Investigation	18/24
Chevrolet	Silverado	1	20,922.00	Field Investigation	18/24
Chevrolet	Silverado	1	23,490.00	Field Investigation	18/24
Chevrolet	Colorado	1	23,490.00	Field Investigation	22/30
Chevrolet	Silverado	1	25,979.00	Field Investigation	18/24
Chevrolet	Silverado	1	23,589.00	Field Investigation	18/24
Chevrolet	Silverado	1	23,589.00	Field Investigation	18/24
Chevrolet	Crew	1	29,902.00	Field Investigation	18/24
Chevrolet	Crew	1	29,902.00	Field Investigation	18/24
Chevrolet	Traverse V6 AWD	1	26,746.00	Field Investigation	20/26
Chevrolet	Traverse V6 AWD	1	26,746.00	Field Investigation	20/26

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**INDIRECT COST SCHEDULE**  
**Fiscal Year Ended August 31, 2018**

**A. Payroll Related Costs**

FICA Employer Matching Contribution	\$	11,706,515	
Group Health Insurance		33,194,179	
Additional Payroll Retirement Contribution		758,082	
Payroll Health Insurance Contribution		1,472,776	
Retirement		14,775,109	
Unemployment		<u>65,653</u>	
<b>Total Payroll Related Costs</b>			\$ 61,972,315

Workers' Compensation	\$	332,806	
Benefit Replacement Pay (BRP)		<u>399,536</u>	
<b>Total Worker's Compensation and BRP</b>			\$ 732,343

**B. Indirect Costs**

Bond Debt Service Payments - TFC	\$	-	
TPFA		<u>-</u>	
<b>Total Indirect Costs</b>			\$ -

**C. Indirect Costs - Statewide Full Cost Allocation Plan**

Building Depreciation	\$	917,042	
(304) CPA Administration		74,006	
CPA Fiscal and ITD		1,239,183	
CPA Purchasing & Support (TPASS)		34,774	
CPA Rebates		(96,706)	
Department of Public Safety Capitol Security		899	
TFC Planning & Real Estate Management		761,896	
OOG Budget, Policy, and Planning Division		15,465	
(101) State Senate		8,480	
(102) House of Representatives		11,131	
(103) Legislative Council		9,289	
(104) Legislative Budget		77,828	
(105) Reference Library		9,728	
(116) Sunset Advisory Board		12,670	
<b>Total Indirect Costs - Statewide Full Cost Allocation Plan</b>			\$ <u>3,075,688</u>

**TOTAL INDIRECT COSTS** \$ 65,780,346

-UNAUDITED-

## Alternative Fuel Vehicle Progress Report Fiscal Year Ended August 31, 2018

Beginning in fiscal year 2010, a new annual reporting requirement was established pursuant to House Bill 432, 81st Legislature, Regular Session that changed Texas Government Code Section 2158.005. State agencies that operate a fleet of more than 15 motor vehicles, excluding law enforcement and emergency vehicles, must report their progress towards achieving at least 50% of their eligible motor vehicles using compressed natural gas, liquefied natural gas, liquefied petroleum gas, methanol or methanol/gasoline blends of 85 percent or greater, ethanol or ethanol/gasoline blends of 85 percent or greater, biodiesel or biodiesel/diesel blends of 20 percent or greater, or electricity, including electricity to power a plug-in hybrid motor vehicle.

The TCEQ fleet consisted of 399 motor vehicles, of which 198, or 49%, are considered alternative fuel vehicles. The total eligible motor vehicles subject to the statute is 29, of which 22, or 76%, are considered alternative fuel vehicles, thereby exceeding the requirement of this statute. All motor vehicles are purchased and there were no leases or recent alternative fuel conversion on any of the TCEQ's vehicles.

The agency's Liquefied Petroleum Gas (LPG) usage has decreased due to a limited number of facilities that repair outdated LPG converted vehicles and the agency's decision to replace the outdated LPG vehicles by purchasing newer, fuel efficient vehicles. The E85 and Biodiesel fuels vehicles have increasingly become available on the State Term Contracts (071A & 072A) and are continually being introduced into the agency's fleet. The agency currently has 10, or 34% of 29 eligible vehicles that are considered hybrids.

The agency is below the required 50% of alternative fuel vehicles due to a realignment of assignments of regional vehicles. However, the agency should reach the requirement with the purchase of new vehicles which accept alternative fuels, even for the Field vehicles. Lack of alternative fuel locations remains a concern for the agency. Currently, there are only a few vendors who dispense E85 fuel and accepting the new Voyager Fleet Card.

### Schedule of Fuel Consumption – Total Motor Vehicle Fleet Fiscal Years Ended 2017 and 2018

<b>FY2017</b>	<b>Sep</b>	<b>Oct</b>	<b>Nov</b>	<b>Dec</b>	<b>Jan</b>	<b>Feb</b>	<b>Mar</b>	<b>Apr</b>	<b>May</b>	<b>Jun</b>	<b>Jul</b>	<b>Aug</b>
Gas/Diesel	17,247	20,848	16,636	16,181	15,730	15,637	17,855	15,482	16,980	17,513	16,767	19,485
LPG/E85	38	32	15	22	0	0	0	60	0	0	0	0
Total Fuel	17,284	20,880	16,651	16,203	15,730	15,637	17,855	15,542	16,980	17,513	16,767	19,485
Total Miles	247,457	292,017	260,865	231,054	241,924	227,881	255,070	225,697	318,762	241,972	220,376	204,573
Avg. MPG	14	14	16	14	15	15	14	15	18	14	13	12
<b>FY2018</b>	<b>Sep</b>	<b>Oct</b>	<b>Nov</b>	<b>Dec</b>	<b>Jan</b>	<b>Feb</b>	<b>Mar</b>	<b>Apr</b>	<b>May</b>	<b>Jun</b>	<b>Jul</b>	<b>Aug</b>
Gas/Diesel	19,485	17,837	17,000	13,029	13,459	15,249	18,626	20,017	20,549	20,301	17,525	18,759
LPG/E85	11	35	0	27	14	16	15	0	43	42	33	0
Total Fuel	19,495	17,872	17,000	13,056	13,472	15,265	18,641	20,017	20,592	20,343	17,558	18,759
Total Miles	248,579	278,654	234,514	170,975	192,112	215,909	248,772	254,891	302,774	270,262	243,572	212,513
Avg. MPG	13	16	14	13	14	14	13	13	15	13	12	11



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**VEHICLES ELIGIBLE FOR ALTERNATIVE FUEL REPORTING REQUIREMENT  
FISCAL YEAR ENDED AUGUST 31, 2018**

Physical Location	Alternative Fuel		Year	Make	Model	Asset #	Vehicle Class	Acquisition Date	Tier	Bin
	Fuel Type	Capable								
EL PASO	Unleaded for Gas Hybrid	Yes	2009	FORD	ESCAPE HYBRID	046577	707 - SPORTS UTILITY VEHICLES	12/9/2008	2	3
BEAUMONT	Unleaded	No	2010	DODG	CARAVAN	048446	716 - MINI-VANS	11/17/2009	2	5
ABELINE	Unleaded	No	2011	FORD	FOCUS	049520	701 - PASSENGER CARS	7/27/2010	2	3
582 - TCEQ	Unleaded	Yes	2014	FORD	TAURUS	053772	701 - PASSENGER CARS	3/21/2014	2	5
DFW	E85	Yes	2008	CHEV	UPLANDER	046578	716 - MINI-VANS	7/22/2008	2	5
CORPUS CHRISTI	Unleaded	No	2015	FORD	ESCAPE	054584	707 - SPORTS UTILITY VEHICLES	5/27/2015	2	6
582 - TCEQ	Unleaded	No	2015	CHEV	EQUINOX	054580	707 - SPORTS UTILITY VEHICLES	5/28/2015	2	6
CORPUS CHRISTI	E85	Yes	2008	CHEV	UPLANDER	046982	716 - MINI-VANS	6/30/2008	2	5
582 - TCEQ	Unleaded	Yes	2016	CHEV	IMPALA	054628	701 - PASSENGER CARS	7/15/2015	2	5
CENTRAL	Unleaded for Gas Hybrid	Yes	2008	FORD	ESCAPE HYBRID	046543	707 - SPORTS UTILITY VEHICLES	10/31/2005	2	3
CORPUS CHRISTI	E85	Yes	2008	CHEV	UPLANDER	046981	716 - MINI-VANS	6/30/2008	2	5
AMARILLO	Unleaded	Yes	2008	CHEV	UPLANDER	046556	716 - MINI-VANS	8/18/2008	2	5
582 - TCEQ	Unleaded	Yes	2016	FORD	TAURUS	054811	701 - PASSENGER CARS	2/3/2016	2	4
582 - TCEQ	Unleaded	Yes	2016	FORD	TAURUS	054812	701 - PASSENGER CARS	2/3/2016	2	4
TYLER	Unleaded for Gas Hybrid	Yes	2009	FORD	ESCAPE HYBRID	046573	707 - SPORTS UTILITY VEHICLES	1/14/2009	2	3
DFW	Unleaded for Gas Hybrid	Yes	2009	FORD	ESCAPE HYBRID	046567	707 - SPORTS UTILITY VEHICLES	11/24/2008	2	3
DFW	Unleaded for Gas Hybrid	Yes	2009	FORD	ESCAPE HYBRID	046568	707 - SPORTS UTILITY VEHICLES	12/3/2008	2	3
BEAUMONT	Unleaded for Gas Hybrid	Yes	2009	FORD	ESCAPE HYBRID	046585	707 - SPORTS UTILITY VEHICLES	1/6/2009	2	3
BEAUMONT	Unleaded for Gas Hybrid	Yes	2009	FORD	ESCAPE HYBRID	046587	707 - SPORTS UTILITY VEHICLES	1/9/2009	2	3
SAN ANTONIO	Unleaded	No	2016	FORD	TAURUS	054942	701 - PASSENGER CARS	6/2/2016	2	5
CORPUS CHRISTI	Unleaded	No	2017	FORD	EXPEDITION	055944	707 - SPORTS UTILITY VEHICLES	5/22/2017	2	4
CORPUS CHRISTI	Unleaded	No	2017	FORD	EXPEDITION	056572	707 - SPORTS UTILITY VEHICLES	5/22/2017	2	4
582 - TCEQ	Unleaded	Yes	2018	DODG	JOURNEY	056504	707 - SPORTS UTILITY VEHICLES	11/8/2017	2	4
HOUSTON	Unleaded	No	2018	FORD	ESCAPE	056772	707 - SPORTS UTILITY VEHICLES	11/3/2017	2	4
582 - TCEQ	Unleaded	Yes	2018	DODG	CARAVAN	056802	716 - MINI-VANS	12/19/2017	2	4
582 - TCEQ	Unleaded for Gas Hybrid	Yes	2018	FORD	FUSION HYBRID	057770	701 - PASSENGER CARS	7/19/2018	2	3
582 - TCEQ	Unleaded for Gas Hybrid	Yes	2018	FORD	FUSION HYBRID	057771	701 - PASSENGER CARS	8/2/2018	2	3



**SECTION II**

**STATEWIDE INFORMATION**

**REPORTABLE BY TCEQ**

## Analysis of Alternative Fuel Usage Reported by Agencies Fiscal Year Ended August 31, 2018

Beginning in fiscal year 2010, a new requirement was established pursuant to House Bill 432, 81st Legislature, Regular Session that changed Texas Government Code Section 2158.005. This requirement states that the TCEQ shall collect reasonable information needed to determine the air quality benefits from use of compressed natural gas, liquefied natural gas, liquefied petroleum gas, methanol or methanol/gasoline blends of 85 percent or greater, ethanol or ethanol/gasoline blends of 85 percent or greater, biodiesel or biodiesel/diesel blends of 20 percent or greater, or electricity, including electricity to power a plug-in hybrid motor vehicle, at affected agencies.

The following analysis is based on vehicle data reported by impacted agencies in the Texas Fleet System maintained by the Comptroller of Public Accounts. This data is required to be reported by state agencies that operate a fleet of more than 15 motor vehicles, excluding law enforcement and emergency vehicles. Many agencies are not required to report data because their vehicles do not fall within the requirements of the statute. The TCEQ extracted the vehicle information from the Texas Fleet System to prepare this analysis and to reflect data reported by impacted agencies.

### Benefits Derived From Alternative Fuels

Air quality benefits are not automatically achieved by switching from the use of gasoline or diesel to a different form of hydrocarbon fuel. Federal emission certification is fuel neutral in the sense that the same set of standards must be met regardless of the type of fuel that powers the vehicle. Provided below is a short summary of the Federal Tier 2 emission standards (<https://www.epa.gov/regulations-emissions-vehicles-and-engines/final-rule-control-air-pollution-new-motor-vehicles-tier>) for light-duty passenger vehicles that began entering the fleet during the 2004 model year:

- They are based on a 0.07 grams per mile (gpm) full useful life (120,000 mile) fleet average nitrogen oxides (NO<sub>x</sub>) standard;
- Vehicles are assigned to various “bins” with Bin 5 considered the “average bin” because it’s useful life NO<sub>x</sub> standard is 0.07 grams/mile; and
- Manufacturer sales must average out to Bin 5 or better.

**Federal Tier 2 120,000 Mile Useful Life Emission Standards (gpm)**

Tier 2 Bin	NO <sub>x</sub>	NMOG*	CO
1	0.00	0.000	0.0
2	0.02	0.010	2.1
3	0.03	0.055	2.1
4	0.04	0.070	2.1
<b>5</b>	<b>0.07</b>	<b>0.090</b>	<b>4.2</b>
6	0.10	0.090	4.2
7	0.15	0.090	4.2
8	0.20	0.125	4.2

\* Non-methane organic gases, which are VOC plus ethane (or total hydrocarbons minus methane).

The “engine out” emissions of NO<sub>x</sub>, volatile organic compounds (VOC), and carbon monoxide (CO) from different fuels can vary, but no modern vehicle powered by any type of hydrocarbon fuel (gasoline, diesel, natural gas, etc.) is able to meet these very tight standards without an operable form of exhaust after-treatment, such as a catalytic converter. Excluding vehicles powered solely by electricity or hydrogen, the tailpipe NO<sub>x</sub>, VOC, and CO emissions

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY (582)  
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of modern vehicles depend more on the efficiency of the exhaust after-treatment than on the type of fuel used by the engine. Provided below is a summary obtained from the United States (U.S.) Environmental Protection Agency's (EPA's) Green Vehicle Guide data files that provides a breakdown of the 1,360 Federally certified light-duty passenger vehicles for the 2018 model year by fuel type and Tier 2 bin.  
<http://fueleconomy.gov/feg/download.shtml>.

Tier 2 Bin	Diesel Fuel	Electricity/ Gasoline	Electricity Only	Ethanol/ Gasoline	Gasoline Only	Hydrogen	All Fuel Types
Bin 1			23			2	25
Bin 2		21			222		243
Bin 3		3		13	332		348
Bin 4	18	10		38	530		596
Bin 5	19	1		2	126		148
Bin 6							
Bin 7							
Bin 8							
Total	37	35	23	53	1,210	2	1,360

In order to obtain additional air quality benefit, it must be demonstrated that any new vehicle Purchases/replacements that were going to come from Bin 5 are from Bins 1-4 instead. For 2018 and other recent model years, there are no production vehicles available powered by compressed natural gas (CNG), liquefied natural gas (LNG), liquefied petroleum gas (LPG), methanol, or methanol/gasoline blends.

Benefits are calculated by estimating how much less the Bins 1-4 vehicles emitted during the 2018 fiscal year than if they had been certified to Bin 5. The difference in emission rates by model year between Bins 1-4 versus Bin 5 is multiplied by the reported miles traveled during the 2018 fiscal year for the specific vehicle. Tables on the following pages summarize the number of Tier 2 vehicles by bin number reported by multiple state agencies. Separate tables are provided that summarize both annual and average work day benefits of NO<sub>x</sub>, VOC, and CO for the 2018 fiscal year. An annual total of 250 working days per year was assumed for this analysis. Benefits were not estimated for the following situations:

- Vehicles certified to Tier 2 Bins 5, 6, 7, or 8;
- Vehicles for which the Tier 2 bin category was not reported in the database; and
- Vehicles for which no mileage was either accumulated or reported during the 2018 fiscal year.

An accompanying Excel spreadsheet contains the calculations on separate worksheets for multiple state agencies. Examples of the NO<sub>x</sub>, VOC, and CO calculations for the Bins 3 and 4 vehicles in the TCEQ fleet are also provided.

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**Number of 2004-and-Newer Vehicles by Tier 2 Bin Reported by State Agency for the 2018 Fiscal Year**

Agency Code	Agency Name	Number of 2004-and-Newer Vehicles by Tier 2 Bin									
		1	2	3	4	5	6	7	8	N/A	Total
302	Attorney General	0	0	2	56	3	0	1	2	45	109
303	Texas Facilities Commission	0	0	0	0	0	2	0	0	13	15
304	Comptroller of Public Accounts	0	0	0	0	0	0	0	2	0	2
305	General Land Office	0	0	0	0	3	0	4	0	21	28
401	Texas Military Department	0	0	0	0	0	0	0	0	17	17
405	Department of Public Safety	0	0	3	174	109	0	0	9	3	298
455	Texas Railroad Commission	0	0	0	0	2	0	0	2	1	5
529	Health and Human Services Commission	0	0	8	8	25	0	0	0	88	129
537	Department of State Health Services	0	0	1	3	22	0	0	3	48	77
538	Department of Assistive and Rehabilitative Services	0	0	0	0	0	0	0	0	0	0
539	Department of Aging and Disability	0	0	0	0	0	0	0	0	0	0
551	Department of Agriculture	0	0	2	56	117	3	0	0	39	217
580	Texas Water Development Board	0	0	0	25	19	0	0	0	5	49
582	Texas Commission on Environmental Quality	0	0	10	7	8	2	0	0	0	27
592	Texas State Soil and Water Conservation Board	0	0	0	14	0	0	0	0	12	26
601	Texas Department of Transportation	0	0	57	128	120	0	0	75	230	610
608	Texas Department of Motor Vehicles	0	0	0	0	2	0	0	1	6	9
644	Texas Juvenile Justice Department	0	0	0	0	0	0	0	0	141	141
696	Texas Department of Criminal Justice	0	0	38	31	165	54	25	8	82	403
802	Texas Parks and Wildlife	0	0	0	0	0	0	0	120	40	160
808	Texas Historical Commission	0	1	3	0	17	0	0	45	3	69
Grand Total		0	1	124	502	612	61	30	267	794	2,391

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**2018 Fiscal Year Annual Benefits Summary (pounds per pollutant)**

Agency Code	Agency Name	Bins 2, 3, and 4 Vehicles		Annual Benefits (pounds)		
		Number	Annual Miles	NO <sub>x</sub>	VOC	CO
302	Attorney General	58	537,689	38.27	19.89	1,058.29
303	Texas Facilities Commission	0	0	0.00	0.00	0.00
304	Comptroller of Public Accounts	0	0	0.00	0.00	0.00
305	General Land Office	0	0	0.00	0.00	0.00
401	Texas Military Department	0	0	0.00	0.00	0.00
405	Department of Public Safety	177	2,080,802	153.37	78.83	4,477.15
455	Texas Railroad Commission	0	0	0.00	0.00	0.00
529	Health and Human Services Commission	16	56,920	8.25	4.73	195.36
537	Department of State Health Services	4	34,607	4.76	2.68	128.69
538	Department of Assistive and Rehabilitative Services	0	0	0.00	0.00	0.00
539	Department of Aging and Disability	0	0	0.00	0.00	0.00
551	Department of Agriculture	58	1,069,720	71.91	37.52	2,162.72
580	Texas Water Development Board	25	205,242	17.85	9.03	507.02
582	Texas Commission on Environmental Quality	17	178,611	17.72	10.79	396.73
592	Texas State Soil and Water Conservation Board	14	184,154	19.46	10.02	536.38
601	Texas Department of Transportation	185	1,946,961	199.21	119.78	5,128.55
608	Texas Department of Motor Vehicles	0	0	0.00	0.00	0.00
644	Texas Juvenile Justice Department	0	0	0.00	0.00	0.00
696	Texas Department of Criminal Justice	69	866,783	126.56	73.21	2,920.07
802	Texas Parks and Wildlife	0	0	0.00	0.00	0.00
808	Texas Historical Commission	4	60,218	7.13	4.74	157.42
Grand Total		627	7,221,707	664.48	371.22	17,668.37

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**2018 Fiscal Year Average Workday Benefits Summary**  
 (pounds per pollutant based on 250 work days per year)

Agency Code	Agency Name	Average Workday Benefits (pounds)		
		NO <sub>x</sub>	VOC	CO
302	Attorney General	0.15	0.08	4.23
303	Texas Facilities Commission	0.00	0.00	0.00
304	Comptroller of Public Accounts	0.00	0.00	0.00
305	General Land Office	0.00	0.00	0.00
401	Texas Military Department	0.00	0.00	0.00
405	Department of Public Safety	0.61	0.32	17.91
455	Texas Railroad Commission	0.00	0.00	0.00
529	Health and Human Services Commission	0.03	0.02	0.78
537	Department of State Health Services	0.02	0.01	0.51
538	Department of Assistive and Rehabilitative Services	0.00	0.00	0.00
539	Department of Aging and Disability	0.00	0.00	0.00
551	Department of Agriculture	0.29	0.15	8.65
580	Texas Water Development Board	0.07	0.04	2.03
582	Texas Commission on Environmental Quality	0.07	0.04	1.59
592	Texas State Soil and Water Conservation Board	0.08	0.04	2.15
601	Texas Department of Transportation	0.80	0.48	20.51
608	Texas Department of Motor Vehicles	0.00	0.00	0.00
644	Texas Juvenile Justice Department	0.00	0.00	0.00
696	Texas Department of Criminal Justice	0.51	0.29	11.68
802	Texas Parks and Wildlife	0.00	0.00	0.00
808	Texas Historical Commission	0.03	0.02	0.63
Grand Total		2.66	1.48	70.67



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**Sample NO<sub>x</sub> Benefit Calculations for the 2018 Fiscal Year from TCEQ Bins 3 and 4 Vehicles**

<b>Model Year</b>	<b>Vehicle Make</b>	<b>Vehicle Model</b>	<b>Tier 2 Bin</b>	<b>FY 2018 Mileage</b>	<b>Bin 5 NO<sub>x</sub> Rate (gpm)</b>	<b>Vehicle NO<sub>x</sub> Rate (gpm)</b>	<b>NO<sub>x</sub> Difference (gpm)</b>	<b>NO<sub>x</sub> Benefit (grams)</b>
2008	FORD	ESCAPE HYBRID	3	8,946	0.1528	0.0655	0.0873	781
2009	FORD	ESCAPE HYBRID	3	6,506	0.1294	0.0555	0.0740	481
2009	FORD	ESCAPE HYBRID	3	9,228	0.1294	0.0555	0.0740	683
2009	FORD	ESCAPE HYBRID	3	10,328	0.1294	0.0555	0.0740	764
2009	FORD	ESCAPE HYBRID	3	9,769	0.1294	0.0555	0.0740	723
2009	FORD	ESCAPE HYBRID	3	10,383	0.1294	0.0555	0.0740	768
2009	FORD	ESCAPE HYBRID	3	10,507	0.1294	0.0555	0.0740	777
2011	FORD	FOCUS	3	11,897	0.1007	0.0431	0.0575	684
2018	FORD	FUSION HYBRID	3	1,080	0.0545	0.0234	0.0312	34
2018	FORD	FUSION HYBRID	3	0	0.0545	0.0234	0.0312	0
2016	FORD	TAURUS	4	17,975	0.0549	0.0314	0.0235	423
2016	FORD	TAURUS	4	22,904	0.0549	0.0314	0.0235	539
2017	FORD	EXPEDITION	4	13,097	0.0547	0.0313	0.0234	307
2017	FORD	EXPEDITION	4	12,318	0.0547	0.0313	0.0234	289
2018	DODG	CARAVAN	4	11,954	0.0545	0.0312	0.0234	279
2018	DODG	JOURNEY	4	21,719	0.0545	0.0312	0.0234	508
2018	FORD	ESCAPE	4	0	0.0545	0.0312	0.0234	0

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**Sample VOC Benefit Calculations for the 2018 Fiscal Year from TCEQ Bins 3 and 4 Vehicles**

<b>Model Year</b>	<b>Vehicle Make</b>	<b>Vehicle Model</b>	<b>Tier 2 Bin</b>	<b>FY 2018 Mileage</b>	<b>Bin 5 VOC Rate (gpm)</b>	<b>Vehicle VOC Rate (gpm)</b>	<b>VOC Difference (gpm)</b>	<b>VOC Benefit (grams)</b>
2008	FORD	ESCAPE HYBRID	3	8,946	0.1648	0.1007	0.0641	574
2009	FORD	ESCAPE HYBRID	3	6,506	0.1163	0.0711	0.0452	294
2009	FORD	ESCAPE HYBRID	3	9,228	0.1163	0.0711	0.0452	417
2009	FORD	ESCAPE HYBRID	3	10,328	0.1163	0.0711	0.0452	467
2009	FORD	ESCAPE HYBRID	3	9,769	0.1163	0.0711	0.0452	442
2009	FORD	ESCAPE HYBRID	3	10,383	0.1163	0.0711	0.0452	470
2009	FORD	ESCAPE HYBRID	3	10,507	0.1163	0.0711	0.0452	475
2011	FORD	FOCUS	3	11,897	0.0935	0.0571	0.0364	432
2018	FORD	FUSION HYBRID	3	1,080	0.0576	0.0352	0.0224	24
2018	FORD	FUSION HYBRID	3	0	0.0576	0.0352	0.0224	0
2016	FORD	TAURUS	4	17,975	0.0591	0.0460	0.0131	236
2016	FORD	TAURUS	4	22,904	0.0591	0.0460	0.0131	301
2017	FORD	EXPEDITION	4	13,097	0.0583	0.0454	0.0130	170
2017	FORD	EXPEDITION	4	12,318	0.0583	0.0454	0.0130	160
2018	DODG	CARAVAN	4	11,954	0.0576	0.0448	0.0128	153
2018	DODG	JOURNEY	4	21,719	0.0576	0.0448	0.0128	278
2018	FORD	ESCAPE	4	0	0.0576	0.0448	0.0128	0

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**Sample CO Benefit Calculations for the 2018 Fiscal Year from TCEQ Bins 3 and 4 Vehicles**

<b>Model Year</b>	<b>Vehicle Make</b>	<b>Vehicle Model</b>	<b>Tier 2 Bin</b>	<b>FY 2018 Mileage</b>	<b>Bin 5 CO Rate (gpm)</b>	<b>Vehicle CO Rate (gpm)</b>	<b>CO Difference (gpm)</b>	<b>CO Benefit (grams)</b>
2008	FORD	ESCAPE HYBRID	3	8,946	3.6933	1.8466	1.8466	16,520
2009	FORD	ESCAPE HYBRID	3	6,506	2.9981	1.4990	1.4990	9,753
2009	FORD	ESCAPE HYBRID	3	9,228	2.9981	1.4990	1.4990	13,833
2009	FORD	ESCAPE HYBRID	3	10,328	2.9981	1.4990	1.4990	15,482
2009	FORD	ESCAPE HYBRID	3	9,769	2.9981	1.4990	1.4990	14,644
2009	FORD	ESCAPE HYBRID	3	10,383	2.9981	1.4990	1.4990	15,565
2009	FORD	ESCAPE HYBRID	3	10,507	2.9981	1.4990	1.4990	15,750
2011	FORD	FOCUS	3	11,897	2.6769	1.3384	1.3384	15,923
2018	FORD	FUSION HYBRID	3	1,080	1.2311	0.6156	0.6156	665
2018	FORD	FUSION HYBRID	3	0	1.2311	0.6156	0.6156	0
2016	FORD	TAURUS	4	17,975	1.2415	0.6207	0.6207	11,158
2016	FORD	TAURUS	4	22,904	1.2415	0.6207	0.6207	14,217
2017	FORD	EXPEDITION	4	13,097	1.2366	0.6183	0.6183	8,098
2017	FORD	EXPEDITION	4	12,318	1.2366	0.6183	0.6183	7,616
2018	DODG	CARAVAN	4	11,954	1.2311	0.6156	0.6156	7,358
2018	DODG	JOURNEY	4	21,719	1.2311	0.6156	0.6156	13,369
2018	FORD	ESCAPE	4	0	1.2311	0.6156	0.6156	0





