



December 2023  
SFR-72/23

# Annual Report of Nonfinancial Data

Fiscal Year Ended August 31, 2023



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Fiscal Year Ended August 31, 2023

Prepared by  
Financial Administration Division

SFR-72/23  
December 2023



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

**Kelly Keel, *Executive Director***

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Jon Niermann, *Chairman*  
Emily Lindley, *Commissioner*  
Bobby Janecka, *Commissioner*  
Kelly Keel, *Executive Director*



## TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

*Protecting Texas by Reducing and Preventing Pollution*

December 18, 2023

The Honorable Greg Abbott, Governor  
Lisa Collier, CPA, CFE, CIDA, State Auditor  
Jerry McGinty, Director, Legislative Budget Board

Dear Governor Abbott, Ms. Collier, and Mr. McGinty:

We are pleased to submit the Texas Commission on Environmental Quality's *Annual Report of Nonfinancial Data* for the fiscal year ending August 31, 2023, in compliance with Texas Government Code § 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 *Annual Financial Report*.

If you have questions, please contact Yolanda Davis, Deputy Director of the Financial Administration Division, at [yolanda.davis@tceq.texas.gov](mailto:yolanda.davis@tceq.texas.gov), or at 512-239-6888.

Sincerely,

A handwritten signature in black ink that reads "K Keel".

Kelly Keel  
Executive Director





**SECTION I**

**TCEQ AGENCY – SPECIFIC**

**INFORMATION**

-UNAUDITED-

**SCHEDULE OF SPACE OCCUPIED****Fiscal Year Ended August 31, 2023**

<b>Location</b>	<b>Address</b>	<b>Name of Lessor</b>	<b>Lease No.</b>
<b>STATE OWNED:</b>			
Austin	12100 Park 35 Circle (Bldg. A)		
Austin	12124 Park 35 Circle (Bldg. B/C)		
Austin	12118 Park 35 Circle (Bldg. D/E)		
Houston	5425 Polk Ave, Suite H		
El Paso	401 E. Franklin Ave., Suite 560		
<b>NON-STATE OWNED:</b>			
Abilene	1977 Industrial Blvd	PAK Harris Enterprises LTD	1110
Amarillo	3918 Canyon Dr	Johnnie Shannon	20116
Austin	12015 Park 35 Circle (Bldg. F)	The Colonnade Office Center	7689
Austin	1700 Hydro Lane	Hart-Hejl Dev	4793
Beaumont	3870 Eastex Frwy., Suite 110	William E Wilson	7089
Beaumont	2615 Calder Ste. 1050	Bar C Ranch Co.,	70623
Brazos Watermaster	209 E Mulberry St	Michael M Phillips Law Firm, P.C.	20591
Corpus Christi	500 North Shoreline Blvd, Suite 500	500 Shoreline LLC	20688
Dallas/Fort Worth	2309 Gravel Rd., Riverside Tech Cent	RB Pebble Industrial, LP	10462
Eagle Pass	500 Quarry St. Ste. 3	Maverick County	9058
Harlingen	1804 W. Jefferson	WJA Properties LLC	9867
Sugar Land Lab	12553 W Airport Cr	APG Woodman Nordhoff LLC	20349
Houston Boat Storage	5144 Sam Houston Parkway N	Stephen D Fallin	20507
Laredo	707 Calton Rd.	TRE Ventuno LLC	10626
Lubbock	5012 50th St Ste 100	5 Star LBK Holdings	10767
Midland	10 Desta Drive, Suite 350E	Claydesta Buildings LP	20717
San Angelo	622 S. Oakes St	City of San Angelo	9918
San Angelo	5973 Knickerbocker Rd. #A	Red Bluff Storage	70627
San Antonio	14250 Judson Rd	Naomi LP	1402
Stephenville	580-D Lingleville Rd.	Rick Hale	1622
Tyler	2916 Teague Drive	Jack F Paul Real Estate LLC	9232
Waco	6801 Sanger Ave., Suite 2500	Kashi Executive Plaza LLC	6231
Webster	17041 El Camino Real	Bestour Inc	10780

-UNAUDITED-

Type	Usable	FTEs	Rental Cost Per		Annual
	Square Feet		Square Foot	Month	Cost
Office	165,720	519	N/A - State-Owned Property		
Office	117,762	364	N/A - State-Owned Property		
Office	93,627	240	N/A - State-Owned Property		
Office	41,732	167	N/A - State-Owned Property		
Office	7,124	18	N/A - State-Owned Property		
Office	8,805	23	1.3019	\$ 11,463.18	\$ 137,558.16
Office	7,475	28	0.8013	5,989.78	71,877.36
Office	167,110	556	1.8799	314,143.59	3,769,723.04
Access RD/Storage	17,450	0	0.4588	8,006.00	96,072.00
Office	15,274	58	1.8027	27,534.79	330,417.52
Storage	2,160	0	0.7292	1,575.00	18,900.00
Office	958	0	1.5800	1,513.64	18,163.68
Office	15,297	53	2.3463	35,891.95	430,703.40
Office	26,084	98	0.8224	21,450.46	257,405.57
Office	1,500	3	0.7192	1,078.85	12,946.20
Office	12,109	27	1.2719	15,401.49	184,817.82
Lab	14,965	19	1.6353	24,471.93	293,663.20
Boat Storage	3,212	0	1.5110	4,853.22	58,238.64
Office	5,971	15	1.8520	11,058.28	132,699.30
Office	6,848	20	1.4417	9,872.53	118,470.36
Office	11,745	23	1.6165	18,986.33	227,835.94
Office	8,946	15	1.0415	9,317.51	111,810.15
Storage	660	0	0.3788	250.00	3,000.00
Office	17,020	68	2.1259	36,182.00	434,184.00
Office	2,135	6	1.6768	3,580.00	42,960.00
Office	15,640	51	0.9759	15,262.39	183,148.72
Office	13,225	39	1.4899	19,703.43	236,441.16
Office	1,871	8	1.3727	2,568.25	30,819.00
<b>TOTAL</b>		<u>2,418</u>		<u>\$ 600,154.60</u>	<u>\$ 7,201,855.22</u>

**PROFESSIONAL/CONSULTING FEES AND LEGAL SERVICE FEES****For the Fiscal Year Ended August 31, 2023**

<b>PAYEE</b>	<b>AMOUNT</b>	<b>PURPOSE</b>
2U INC	\$ 180.00	EDUCATIONAL/TRAINING SERVICES
360 TRAINING COM INC	5,927.00	EDUCATIONAL/TRAINING SERVICES
360WATER INC	42.00	EDUCATIONAL/TRAINING SERVICES
AECOM TECHNICAL SERVICES INC	3,712,684.07	OTHER PROFESSIONAL SERVICES
ALLIED CONSULTANTS INC	1,313,946.25	INFORMATION TECHNOLOGY SERVICES
AMERICAN GROUND WATER TRUST	100.00	EDUCATIONAL/TRAINING SERVICES
AMERICAN GROUNDWATER TRUST	3,490.00	EDUCATIONAL/TRAINING SERVICES
AMERICAN WATER COLLEGE LLC	6,899.78	EDUCATIONAL/TRAINING SERVICES
AMERICAN WATER WORKS ASSOCIATION	6,770.00	EDUCATIONAL/TRAINING SERVICES
ANAB	2,150.00	EDUCATIONAL/TRAINING SERVICES
ANTEA USA INC	5,884,523.37	OTHER PROFESSIONAL SERVICES
APTIM ENVIRONMENTAL & INFRASTRUCTURE LLC	3,674,986.07	ARCHITECTURAL/ENGINEERING SERV
ARMA INTERNATIONAL	1,922.00	EDUCATIONAL/TRAINING SERVICES
ASCE - AMERICAN SOCIETY OF CIVIL ENGINEERS	447.00	EDUCATIONAL/TRAINING SERVICES
ASSN OF STATE DAM SAFETY OFFICIALS	2,000.00	EDUCATIONAL/TRAINING SERVICES
ASTM INTERNATIONAL	1,599.00	EDUCATIONAL/TRAINING SERVICES
ATC GROUP SERVICES LLC	466,457.84	OTHER PROFESSIONAL SERVICES
ATMOSPHERIC AND ENVIRONMENTAL RESEARCH INC	381,354.30	OTHER PROFESSIONAL SERVICES
AUSTIN AREA CHAPTER OF THE ACFE	120.00	EDUCATIONAL/TRAINING SERVICES
AUSTIN BAR ASSOCIATION	370.00	EDUCATIONAL/TRAINING SERVICES
BANSAR TECHNOLOGIES INC	173,302.50	INFORMATION TECHNOLOGY SERVICES
BAYOU PRESERVATION ASSOCIATION INC	80.00	EDUCATIONAL/TRAINING SERVICES
BECKER PROFESSIONAL DEVELOPMENT CORPORATION	1,000.00	EDUCATIONAL/TRAINING SERVICES
BOAT US FOUNDATION	22.00	EDUCATIONAL/TRAINING SERVICES
C & T INFORMATION TECHNOLOGY CONSULTING INC	721,172.67	INFORMATION TECHNOLOGY SERVICES
CAMEO SUITE TRAINING LLC	1,200.00	EDUCATIONAL/TRAINING SERVICES
CARAHSOFT TECHNOLOGY CORPORATION	2,280.00	EDUCATIONAL/TRAINING SERVICES
CDM SMITH INC	529,592.50	OTHER PROFESSIONAL SERVICES
CHARLES CLINTON PUSTEJOVSKY JR	600.00	EDUCATIONAL/TRAINING SERVICES
CITY OF AUSTIN-GRANTS ACCOUNTING	383,308.88	OTHER PROFESSIONAL SERVICES
CITY OF DALLAS	470,099.79	OTHER PROFESSIONAL SERVICES
CITY OF EL PASO	245,524.44	OTHER PROFESSIONAL SERVICES
CITY OF FORT WORTH	344,591.51	OTHER PROFESSIONAL SERVICES
CITY OF HOUSTON	851,359.85	OTHER PROFESSIONAL SERVICES
CITY OF SAN ANTONIO	252,666.21	OTHER PROFESSIONAL SERVICES
COLLEGE OF THE MAINLAND	12,125.00	EDUCATIONAL/TRAINING SERVICES
COMPLIANCE ASSURANCE ASSOCIATES	400.00	EDUCATIONAL/TRAINING SERVICES
COMPLIANCE SOLUTIONS OCCUPATIONAL TRAINERS INC	10,423.50	EDUCATIONAL/TRAINING SERVICES
CONSTRUCTION LAW FOUNDATION OF TEXAS	900.00	EDUCATIONAL/TRAINING SERVICES
CONTINUING EDUCATION AND DEVELOPMENT INC	360.00	EDUCATIONAL/TRAINING SERVICES
CONVERGEONE INC	14,432.60	CONSULTANT SERVICES-COMPUTER
CORNERSTONE ON DEMAND INC	(133,935.00)	EDUCATIONAL/TRAINING SERVICES
CPE DEPOT	198.00	EDUCATIONAL/TRAINING SERVICES
CPE DEPOT INC	49.00	EDUCATIONAL/TRAINING SERVICES
D & H UNITED FUELING SOLUTIONS	17,644.11	OTHER PROFESSIONAL SERVICES
DANIEL B STEPHENS & ASSOCIATES INC	2,381,725.89	ARCHITECTURAL/ENGINEERING SERV
DARLA CLOUD	6,760.49	EDUCATIONAL/TRAINING SERVICES
DEER OAKS EAP SERVICES LLC	37,427.24	OTHER PROFESSIONAL SERVICES
DELOITTE & TOUCHE LLP	(5,199,579.22)	OTHER PROFESSIONAL SERVICES
DIGITAL RIVER INC	1,679.72	EDUCATIONAL/TRAINING SERVICES
DLT SOLUTIONS LLC	8,447.10	EDUCATIONAL/TRAINING SERVICES
DRIESSEN WATER INC	1,419,262.34	OTHER PROFESSIONAL SERVICES
DYNAMIC TECHNOLOGY SOLUTIONS	123,819.00	OTHER PROFESSIONAL SERVICES
EA ENGINEERING SCIENCE AND TECHNOLOGY	744,904.64	ARCHITECTURAL/ENGINEERING SERV
EAGLE PASS ISD	16,000.00	OTHER PROFESSIONAL SERVICES
EASTERN TECHNICAL ASSOCIATES INC	4,900.00	EDUCATIONAL/TRAINING SERVICES

**PROFESSIONAL/CONSULTING FEES AND LEGAL SERVICE FEES**  
**For the Fiscal Year Ended August 31, 2023**

<u>PAYEE</u>	<u>AMOUNT</u>	<u>PURPOSE</u>
EE&G INC	\$ 1,217,545.13	OTHER PROFESSIONAL SERVICES
ELECTRIC UTILITY CONSULTANTS INC	9,560.00	EDUCATIONAL/TRAINING SERVICES
ELIEZER SANTIAGO DBA FIRED UP SOLUTIONS	5,920.00	EDUCATIONAL/TRAINING SERVICES
EMERALD ENVIRONMENTAL SERVICES LTD	453,483.86	OTHER PROFESSIONAL SERVICES
EMPLOYEES GROUP INSURANCE FUND	164,800.00	OTHER PROFESSIONAL SERVICES
ENFOLD SYSTEMS INC	167,410.00	INFORMATION TECHNOLOGY SERVICES
ENPROTEC/HIBBS AND TODD INC	1,130,736.28	ARCHITECTURAL/ENGINEERING SERV
ENSAFE INC	2,036,612.63	OTHER PROFESSIONAL SERVICES
ERG	149,748.18	OTHER PROFESSIONAL SERVICES
ESPER REGULATORY TECHNOLOGIES INC	5,000.00	CONSULTANT SERVICES-COMPUTER
ESRI	1,790.00	EDUCATIONAL/TRAINING SERVICES
FRED PRYOR SEMINARS (CAREER TRACK)	3,879.00	EDUCATIONAL/TRAINING SERVICES
FREESE AND NICHOLS - GHD JOINT VENTURE	141,729.76	ARCHITECTURAL/ENGINEERING SERV
GALE/CENGAGE LEARNING	119.00	EDUCATIONAL/TRAINING SERVICES
GALVESTON BAY FOUNDATION	11,156.12	OTHER PROFESSIONAL SERVICES
GALVESTON COUNTY HEALTH DISTRICT	109,480.43	OTHER PROFESSIONAL SERVICES
GEOSPATIAL TRAINING SERVICES LLC	5,704.65	EDUCATIONAL/TRAINING SERVICES
GEOSTRATA ENVIRONMENTAL CONSULTANTS INC	815,202.95	OTHER PROFESSIONAL SERVICES
GLADYS PORTER ZOO	532,433.00	OTHER PROFESSIONAL SERVICES
GOVERNMENT SOCIAL MEDIA LLC	449.00	EDUCATIONAL/TRAINING SERVICES
GTS TECHNOLOGY SOLUTIONS INC	663,973.50	INFORMATION TECHNOLOGY SERVICES
GULF OF MEXICO ALLIANCE	350.00	EDUCATIONAL/TRAINING SERVICES
HALL CONSULTING INC	2,181.00	EDUCATIONAL/TRAINING SERVICES
HEALTH PHYSICS SOCIETY	870.00	EDUCATIONAL/TRAINING SERVICES
HOME TEAM SERVICES LLC DBA GLOBAL NETWATCH	3,016.44	INFORMATION TECHNOLOGY SERVICES
HUMAN RESOURCE CERTIFICATION INSTITUTE	408.25	EDUCATIONAL/TRAINING SERVICES
INCONTROL TECHNOLOGIES LLC	1,049,556.35	OTHER PROFESSIONAL SERVICES
INNER CORRIDOR TECHNOLOGIES INC	22,793.70	EDUCATIONAL/TRAINING SERVICES
INNOVATION EVENT MANAGEMENT	620.00	EDUCATIONAL/TRAINING SERVICES
INSTITUTE OF INTERNAL AUDITORS AUSTIN CHAPTER	100.00	EDUCATIONAL/TRAINING SERVICES
INTERA INC	359,634.29	OTHER PROFESSIONAL SERVICES
JET SOFTWARE SOLUTIONS INC	1,886,388.00	INFORMATION TECHNOLOGY SERVICES
KISTERS NORTH AMERICA	50,646.88	INFORMATION TECHNOLOGY SERVICES
KNOWBILITY INC	7,095.00	EDUCATIONAL/TRAINING SERVICES
KOFIELD TECHNOLOGIES INC	1,045.90	OTHER PROFESSIONAL SERVICES
KRIST INC	119.95	EDUCATIONAL/TRAINING SERVICES
LAW ENFORCEMENT RISK MANAGEMENT GROUP INC	150.00	EDUCATIONAL/TRAINING SERVICES
LEARNING TREE INTERNATIONAL USA INC	63,958.00	EDUCATIONAL/TRAINING SERVICES
LEE COLLEGE	258.00	EDUCATIONAL/TRAINING SERVICES
LION TECHNOLOGY INC	5,019.00	EDUCATIONAL/TRAINING SERVICES
LOBLOLLY CONSULTING LLC	231,627.00	INFORMATION TECHNOLOGY SERVICES
LOWER COLORADO RIVER AUTHORITY	377,000.00	OTHER PROFESSIONAL SERVICES
MCCOY AND ASSOCIATES INC	53,550.00	EDUCATIONAL/TRAINING SERVICES
MCLANE TECHNOLOGY PARTNERS LP	631,002.63	INFORMATION TECHNOLOGY SERVICES
MERITZ & REDDY PLLC	600.00	LEGAL SERVICES
MICROASSIST INC	52,455.00	EDUCATIONAL/TRAINING SERVICES
MIDWEST GEOSCIENCES GROUP	4,780.00	EDUCATIONAL/TRAINING SERVICES
NATIONAL ASSOCIATION OF ATTORNEYS GENERAL	120.00	EDUCATIONAL/TRAINING SERVICES
NATIONAL ECONOMIC RESEARCH ASSOCIATES INC	81,250.00	OTHER PROFESSIONAL SERVICES
NATIONAL ENVIRONMENTAL ACADEMY LLC DBA NEMA LLC	13,390.00	EDUCATIONAL/TRAINING SERVICES
NATIONAL PARK SERVICE-LYNDON B JOHNSON NHP	6,871.48	OTHER PROFESSIONAL SERVICES
NEIL S GRIGG	8,773.80	OTHER PROFESSIONAL SERVICES
NEOS CONSULTING GROUP LLC	248,250.00	INFORMATION TECHNOLOGY SERVICES
NEW HORIZONS COMPUTER LEARNING CENTERS OF AUSTIN	3,082.00	EDUCATIONAL/TRAINING SERVICES
NIELSEN NORMAN GROUP	29,519.00	EDUCATIONAL/TRAINING SERVICES

**PROFESSIONAL/CONSULTING FEES AND LEGAL SERVICE FEES**  
**For the Fiscal Year Ended August 31, 2023**

<b>PAYEE</b>	<b>AMOUNT</b>	<b>PURPOSE</b>
NORTHWEST ENVIRONMENTAL TRAINING CENTER	\$ 35,900.00	EDUCATIONAL/TRAINING SERVICES
NRC GULF ENVIRONMENTAL SERVICES INC	1,110,380.49	OTHER PROFESSIONAL SERVICES
NV5/DADE MOELLER SHARED SERVICES (FINANCE)	3,863.24	OTHER PROFESSIONAL SERVICES
ONLINE CONSULTING INC DBA ONLC TRAINING CENTERS	24,206.65	EDUCATIONAL/TRAINING SERVICES
ORGANIZATION OF AGREEMENT STATES INC	187.00	EDUCATIONAL/TRAINING SERVICES
ORSAT L L C	1,357,928.87	OTHER PROFESSIONAL SERVICES
PACOTECH INC	2,282,421.17	OTHER PROFESSIONAL SERVICES
PARSON TRANSPORTATION GROUP	35,945.50	OTHER PROFESSIONAL SERVICES
PC-PROGRESS S R O	350.00	EDUCATIONAL/TRAINING SERVICES
PLANO DATA A RECORD MANAGEMENT COMPANY LP	783,950.00	OTHER PROFESSIONAL SERVICES
PRINCETON GROUNDWATER	17,000.00	EDUCATIONAL/TRAINING SERVICES
PROJECT MANAGEMENT INSTITUTE	1,774.00	EDUCATIONAL/TRAINING SERVICES
PROJECT MANAGEMENT INSTITUTE AUSTIN CHAPTER INC	125.00	EDUCATIONAL/TRAINING SERVICES
PRYOR LEARNING SOLUTIONS INC	349.00	EDUCATIONAL/TRAINING SERVICES
QUANTUM ENVIRONMENTAL CONSULTANTS INC	19,961.62	OTHER PROFESSIONAL SERVICES
RAMBOLL US CONSULTING INC	416,882.37	OTHER PROFESSIONAL SERVICES
RANGER ENVIRONMENTAL SERVICES INC	1,744,950.94	ARCHITECTURAL/ENGINEERING SERV
RED HEART CPR	2,715.84	EDUCATIONAL/TRAINING SERVICES
REG REVIEW INC	575.00	EDUCATIONAL/TRAINING SERVICES
REGENTS OF THE UNIVERSITY OF COLORADO	30.00	EDUCATIONAL/TRAINING SERVICES
REGENTS OF THE UNIVERSITY OF MINNESOTA	75.00	EDUCATIONAL/TRAINING SERVICES
RESOURCE DATA INC	2,391.25	INFORMATION TECHNOLOGY SERVICES
RESOURCE RECYCLING INC	90.00	EDUCATIONAL/TRAINING SERVICES
RESTORE AMERICAS ESTUARIES	475.00	EDUCATIONAL/TRAINING SERVICES
ROSE RESOLUTION GROUP	1,500.00	LEGAL SERVICES
S2 HELICOPTER SERVICES LLC	84,063.46	OTHER PROFESSIONAL SERVICES
SAFETY COMPLIANCE MANAGEMENT INC	223.20	EDUCATIONAL/TRAINING SERVICES
SAFETY UNLIMITED	1,350.00	EDUCATIONAL/TRAINING SERVICES
SANITAS TECHNOLOGIES LLC	1,980.00	EDUCATIONAL/TRAINING SERVICES
SEA TURTLE, INC.	209,553.00	OTHER PROFESSIONAL SERVICES
SHI GOVERNMENT SOLUTIONS INC	43,442.40	EDUCATIONAL/TRAINING SERVICES
SIMPLIV LLC	149.00	EDUCATIONAL/TRAINING SERVICES
SIMS & ASSOCIATES WEST INC	78,838.00	OTHER PROFESSIONAL SERVICES
SKILLFORGE	1,400.00	EDUCATIONAL/TRAINING SERVICES
SKILLPATH SEMINARS	1,891.00	EDUCATIONAL/TRAINING SERVICES
SOCIETY FOR RISK ANALYSIS	1,750.00	EDUCATIONAL/TRAINING SERVICES
SOLID BORDER INC	28,125.00	CONSULTANT SERVICES-COMPUTER
SOLID WASTE ASSOCIATION OF NORTH AMERICA	500.00	EDUCATIONAL/TRAINING SERVICES
SOUTHWEST SHOWCASE INC	600.00	EDUCATIONAL/TRAINING SERVICES
STAR	449.00	EDUCATIONAL/TRAINING SERVICES
STATE AUDITOR'S OFFICE	82,430.07	FINANCIAL AND ACCOUNTING SERV
STATE BAR OF TEXAS	7,042.25	EDUCATIONAL/TRAINING SERVICES
STORMWATERONE	1,917.00	EDUCATIONAL/TRAINING SERVICES
SUNCOAST LEARNING SYSTEMS INC	1,525.00	EDUCATIONAL/TRAINING SERVICES
TALON LPE LTD	1,206,350.65	ARCHITECTURAL/ENGINEERING SERV
TELEDYNE INSTRUMENTS INC	850.00	EDUCATIONAL/TRAINING SERVICES
TERA	19,000.00	EDUCATIONAL/TRAINING SERVICES
TERRACON CONSULTANTS	905,427.23	OTHER PROFESSIONAL SERVICES
TERRY HERRING	1,315.00	EDUCATIONAL/TRAINING SERVICES
TEST MASTERS EDUCATIONAL SERVICES INC	4,097.00	EDUCATIONAL/TRAINING SERVICES
TEXAS A&M AGRILIFE EXTENSION SERVICE	3,672.00	EDUCATIONAL/TRAINING SERVICES
TEXAS A&M AGRILIFE RESEARCH	68,061.43	OTHER PROFESSIONAL SERVICES
TEXAS A&M ENGINEERING EXTENSION SERVICE	25,580.00	EDUCATIONAL/TRAINING SERVICES
TEXAS A&M UNIVERSITY-CORPUS CHRISTI	11,200.00	EDUCATIONAL/TRAINING SERVICES

**PROFESSIONAL/CONSULTING FEES AND LEGAL SERVICE FEES****For the Fiscal Year Ended August 31, 2023**

<b>PAYEE</b>	<b>AMOUNT</b>	<b>PURPOSE</b>
TEXAS AGRILIFE EXTENSION	\$ 35.00	EDUCATIONAL/TRAINING SERVICES
TEXAS ALLIANCE OF GROUNDWATER DISTRICTS	1,915.00	EDUCATIONAL/TRAINING SERVICES
TEXAS AWWA	25,000.00	OTHER PROFESSIONAL SERVICES
TEXAS CENTER FOR LEGAL ETHICS	150.00	EDUCATIONAL/TRAINING SERVICES
TEXAS COMPTROLLER OF PUBLIC ACCOUNTS	25,184.00	OTHER PROFESSIONAL SERVICES
TEXAS DEPARTMENT OF STATE HEALTH SERVICES	3,439.97	OTHER PROFESSIONAL SERVICES
TEXAS DEPT OF INFORMATION RESOURCES	17,512,745.80	COMPUTER SERVICES-STATEWIDE TECH. CI
TEXAS DIVISION OF EMERGENCY MANAGEMENT	300.00	EDUCATIONAL/TRAINING SERVICES
TEXAS ENGINEERING EXTENSION SVC (TEEX)	142,460.00	EDUCATIONAL/TRAINING SERVICES
TEXAS ENVIRONMENTAL TRAINING & COMPLIANCE LLC	650.00	EDUCATIONAL/TRAINING SERVICES
TEXAS FACILITIES COMMISSION	(25,000.01)	OTHER PROFESSIONAL SERVICES
TEXAS GOVLINK INC	461,883.00	INFORMATION TECHNOLOGY SERVICES
TEXAS NEUROSURGERY LLP	9,180.00	OTHER PROFESSIONAL SERVICES
TEXAS PARKS & WILDLIFE DEPARTMENT	225,000.00	OTHER PROFESSIONAL SERVICES
TEXAS PRECISION MONITORING LLC	185,636.00	OTHER PROFESSIONAL SERVICES
TEXAS RURAL WATER ASSOCIATION	1,682,104.85	OTHER PROFESSIONAL SERVICES
TEXAS SAFEKEEPING TRUST	23,215.83	OTHER PROFESSIONAL SERVICES
TEXAS SEALIFE CENTER	115,936.00	OTHER PROFESSIONAL SERVICES
TEXAS SOCIETY OF CERTIFIED PUBLIC ACCOUNTANTS CPE	825.00	EDUCATIONAL/TRAINING SERVICES
TEXAS STATE AQUARIUM	331,700.00	OTHER PROFESSIONAL SERVICES
TEXAS STATE LIBRARY & ARCHIVES COMMISSION	85.00	EDUCATIONAL/TRAINING SERVICES
TEXAS TECH UNIVERSITY SYSTEM	14,098.17	OTHER PROFESSIONAL SERVICES
TEXAS WATER UTILITIES ASSOCIATION	10,765.00	EDUCATIONAL/TRAINING SERVICES
TEXAS WORKFORCE COMMISSION	16,488.00	EDUCATIONAL/TRAINING SERVICES
THE INSTITUTE OF INTERNAL AUDITORS	200.00	EDUCATIONAL/TRAINING SERVICES
THE NATIONAL ONSITE WASTEWATER RECYCLING ASSOC INC	800.00	EDUCATIONAL/TRAINING SERVICES
THE NELAC INSTITUTE	11,650.00	EDUCATIONAL/TRAINING SERVICES
THE TEXAS CONFERENCE FOR WOMEN	10,467.00	EDUCATIONAL/TRAINING SERVICES
THE UNITED STATES ARMY CORPS OF ENGINEERS (USACE)	1,058,381.14	OTHER PROFESSIONAL SERVICES
THERMO FISHER SCIENTIFIC INC DBA THERMO LABSYSTEMS	3,500.00	EDUCATIONAL/TRAINING SERVICES
TOPTALENT LEARNING LLC DBA NEW HORIZONS DALLAS	245.25	EDUCATIONAL/TRAINING SERVICES
TOXSTRATEGIES INC	539,740.68	OTHER PROFESSIONAL SERVICES
TRUEPANI INC	547,196.42	OTHER PROFESSIONAL SERVICES
U S GEOLOGICAL SURVEY	690,174.80	OTHER PROFESSIONAL SERVICES
UNITED TRAINING CAREER LLC	7,637.24	EDUCATIONAL/TRAINING SERVICES
UNITED TRAINING COMMERCIAL LLC	13,295.46	EDUCATIONAL/TRAINING SERVICES
UNIVERSITY CORPORATION FOR ATMOSPHERIC RESEARCH	100.00	EDUCATIONAL/TRAINING SERVICES
UNIVERSITY OF TEXAS AT ARLINGTON	3,610.00	EDUCATIONAL/TRAINING SERVICES
UNIVERSITY OF TEXAS AT AUSTIN	435,888.00	OTHER PROFESSIONAL SERVICES
UNIVERSITY OF TEXAS HEALTH SERVICES	790,159.90	OTHER PROFESSIONAL SERVICES
UNIVERSITY OF TEXAS MARINE SCIENCE INSTITUTE	428,122.16	OTHER PROFESSIONAL SERVICES
UNIVERSITY OF TEXAS RIO GRANDE VALLEY	97,617.22	OTHER PROFESSIONAL SERVICES
US FISH & WILDLIFE SERVICE	(995.00)	EDUCATIONAL/TRAINING SERVICES
USDA-NFC-FMMI COD COLLECTIONS	200,000.00	OTHER PROFESSIONAL SERVICES
UT HEALTH CENTER AT TYLER	23,196.00	MEDICAL SERVICES
VERBAL JUDO INSTITUTE INC	37,464.00	EDUCATIONAL/TRAINING SERVICES
WEBCE INC	49.95	EDUCATIONAL/TRAINING SERVICES
WEST TEXAS A AND M UNIVERSITY	78,410.58	INFORMATION TECHNOLOGY SERVICES
WESTON SOLUTIONS INC	2,163,432.75	OTHER PROFESSIONAL SERVICES
WILKINS GROUP INC	7,368.00	INFORMATION TECHNOLOGY SERVICES
WOOD ENVIRONMENT AND INFRASTRUCTURE SOLUTIONS INC	1,720,403.17	ARCHITECTURAL/ENGINEERING SERV
WORKQUEST-TEMPS	14,393.94	OTHER PROFESSIONAL SERVICES
YANKA INDUSTRIES INC DBA MASTER CLASS	2,160.00	EDUCATIONAL/TRAINING SERVICES
YELLOWBOOK-CPE LLC	3,605.00	EDUCATIONAL/TRAINING SERVICES
<b>TOTAL PROFESSIONAL AND CONSULTING FEES</b>	<b>\$ 72,022,808.50</b>	

**PROFESSIONAL/CONSULTING FEES AND LEGAL SERVICE FEES**  
**For the Fiscal Year Ended August 31, 2023**

**LEGAL SERVICE FEES**

STATE OFFICE OF ADMINISTRATIVE HEARINGS	\$	351,976.50
SOMACH SIMMONS & DUNN		<u>1,293,620.12</u>
<b>TOTAL LEGAL SERVICE FEES</b>	<b>\$</b>	<b><u>1,645,596.62</u></b>

OTHER PROFESSIONAL SERVICES  
LEGAL SERVICES

<b>TOTAL PROFESSIONAL/CONSULTING AND LEGAL SERVICES FEES REPORTED ON ANNUAL FINANCIAL REPORT</b>	<b>\$</b>	<b><u><u>73,668,405.12</u></u></b>
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**SCHEDULE OF ITEMIZED PURCHASES (PROPRIETARY PURCHASES)**  
**Fiscal Year Ended August 31, 2023**

<b>Vendor Name</b>	<b>Amount</b>	<b>Purpose</b>	<b>Justification</b>
C C LYNCH & ASSOCIATES	\$ 37,155.12	To replace old and faulty equipment for the water monitoring stations.	The functionality includes the exclusive compatibility of sensors among Aqua TROLL monitoring instruments used by monitoring programs.
PICARRO INC	\$ 418,697.40	Ethylene oxide (EtO) monitors in mobile vehicles to determine ambient concentrations near facilities producing or using EtO. It is of great interest to TCEQ due to its toxicity and the number of facilities in Texas using this chemical.	No other competing products have the specificity and sensitivity required to measure EtO in concentrations that may be detrimental to human health.
NEURALOG INC	\$ 7,590.00	Neuralog Pro Software license and NeuraScanner maintenance annual renewal used to analyze well-log data during Underground Injection Control Permit reviews.	It is used by the Texas Railroad Commission for the regulation of the oil and gas industry which reviews similar well-log data.
EARTHSOFT INC	\$ 18,468.00	EQuIS Enterprise Software Subscription provides scientific calculations of Protective Concentration Levels for the TCEQ's Texas Risk Reduction Program (TRRP).	Only Risk3T calculates all Texas Risk Reduction Program (TRRP) Tier 1 protective concentration levels (PCLs) and risk-based exposure limits for approximately 700 chemicals and produces the 10 Microsoft Excel tables used to convey the calculations. Not having TRRP-specific software to calculate PCLs would be an operational risk by limiting the TCEQ's ability to efficiently respond to remediation sites under TRRP.
LEGAL FILES SOFTWARE	\$ 21,780.00	Legal Files Software maintenance/support is the case when management software and support are necessary to conduct agency business.	TCEQ already owns licenses for this software and this is the only vendor who can maintain the software and provide additional licenses.
HATCH LTD	\$ 46,350.00	ToxChem Single User Licenses needed in the Air Permits Division to calculate emissions from wastewater plants and to verify results.	ToxChem is a proprietary software, developed and distributed solely by Hydromantis, a member of Hatch Ltd.

**SCHEDULE OF ITEMIZED PURCHASES (PROPRIETARY PURCHASES)****Fiscal Year Ended August 31, 2023**

<b>Vendor Name</b>	<b>Amount</b>	<b>Purpose</b>	<b>Justification</b>
Association of State & Territorial Solid Waste Management Officials (ASTSWMO)	\$ 13,999.00	Association of State & Territorial Solid Waste Management Officials (ASTSWMO) Annual Membership Dues to facilitate the agency's representation with the Environmental Protection Agency (EPA).	The State of Texas is a member of the Association of State & Territorial Solid Waste Management Officials (ASTSWMO) and provides collaboration with other states to provide valuable communication with the Environmental Protection Agency (EPA) on grants such as Resource Conservation and Recovery Act (RCRA), Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA), and Brownfields grants. The Office Of Water contains the Agency's voting right. Without this membership the Agency is lack of representation that could impact the states funding and interests it has with EPA.
ABUNDANS INFORMATION TECHNOLOGY LLC	\$ 14,164.10	PrimeFaces PRO Support and License to allow IRD Java developers use PrimeFaces for the CTU project to develop the user interfaces for Java web applications.	PrimeTek is the only vendor to provide a professionally supported version of PrimeFaces technology. Without this purchase, there is a risk that all applications that use PrimeFaces (both deployed and in development) would become inoperable due to technical issues that cannot be resolved.
OMNILERT LLC	\$ 18,240.00	Omnilert Mass notification system to communicate with TCEQ employees during emergencies	Omnilert instant app does not rely on employees downloading an app and is the most reliable way to engage in two-way communication with employees during an emergency.
LABWORKS LLC	\$ 54,772.00	Renewal of LIMS software Service Agreement for used by the Sugarland lab in their daily duties	Labworks is sole source software. It provides critical QA/QC data which is gathered automatically by LIMS software linked to analytical instruments.

**HUB STRATEGIC PLAN PROGRESS REPORT**  
 (Source: Texas Government Code, Title 10, Subtitle D, Section 2161.124)  
 For the Year Ended August 31, 2023

**Texas Commission on Environmental Quality (TCEQ)**

<b>Goal = Strategic Plan HUB Goal</b>	<b>TCEQ Actual % for FY 2022</b>	<b>TCEQ Actual % for FY 2023</b>	<b>CPA Goal for FY 2024</b>
<b>Actual = % Spent with HUBs from HUB Report</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	53.82%	25.84%	32.9%
Professional services contracts	5.02%	16.49%	23.7%
Other services contracts	36.34%	41.23%	26.0%
Commodities contracts	50.81%	36.39%	21.1%

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Approved: Yolanda Davis

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**APPROPRIATION ITEM TRANSFER SCHEDULE**  
**Fiscal Year Ended August 31, 2023**

**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	\$ 349,904.00	\$ (1,662,714.00)	\$ (1,312,810.00)
A.1.2. 13035 Water Assessment and Planning	291,857.01	(122,509.28)	169,347.73
A.1.3. 13036 Waste Assessment and Planning	20,679.57	(235,313.57)	(214,634.00)
A.2.1. 13031 Air Quality Permitting	1,877,267.00	(1,183,048.00)	694,219.00
A.2.2. 13032 Water Resource Permitting	529,676.00	(858,290.00)	(328,614.00)
A.2.3. 13033 Waste Management and Permitting	507,967.00	(13,065.77)	494,901.23
A.2.4. 13043 Occupational Licensing	23,495.00	0.00	23,495.00
A.3.1. 13038 Radioactive Materials Mgmt	9,850.00	(75,374.74)	(65,524.74)
<b>Total Goal A: Assessment, Planning and Permitting</b>	<b>\$ 3,610,695.58</b>	<b>\$ (4,150,315.36)</b>	<b>\$ (539,619.78)</b>
<b>B. Goal: Drinking Water</b>			
Strategies:			
B.1.1. 13039 Safe Drinking Water	\$ 4,273,752.47	\$ (4,027,895.00)	\$ 245,857.47
<b>Total Goal B: Drinking Water</b>	<b>\$ 4,273,752.47</b>	<b>\$ (4,027,895.00)</b>	<b>\$ 245,857.47</b>
<b>C. Goal: Enforcement and Compliance Support</b>			
Strategies:			
C.1.1. 13041 Field Inspections and Complaints	\$ 1,892,360.50	\$ (1,535,658.13)	\$ 356,702.37
C.1.2. 13042 Enforcement and Compliance Support	1,049,761.29	(800,136.52)	249,624.77
C.1.3. 13037 Pollution Prevention Recycling	89,717.58	(50,148.00)	39,569.58
<b>Total Goal C: Enforcement and Compliance Support</b>	<b>\$ 3,031,839.37</b>	<b>\$ (2,385,942.65)</b>	<b>\$ 645,896.72</b>
<b>D. Goal: Pollution Cleanup</b>			
Strategies:			
D.1.1. 13044 Storage Tank Admin & Cleanup	\$ 76,265.00	\$ (561,223.00)	\$ (484,958.00)
D.1.2. 13046 Hazardous Materials Cleanup	265,637.91	(80,777.32)	184,860.59
<b>Total Goal D: Pollution Cleanup</b>	<b>\$ 341,902.91</b>	<b>\$ (642,000.32)</b>	<b>\$ (300,097.41)</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	\$ 2,758,122.00	\$ (1,176,816.79)	\$ 1,581,305.21
F.1.2. 13801 Information Resources	1,167,347.00	(1,206,596.51)	(39,249.51)
F.1.3. 13802 Other Support Services	441,375.26	(2,035,467.96)	(1,594,092.70)
<b>Total Goal F: Indirect Administration</b>	<b>\$ 4,366,844.26</b>	<b>\$ (4,418,881.26)</b>	<b>\$ (52,037.00)</b>
<b>Net Appropriation Item Transfers</b>	<b>\$ 15,625,034.59</b>	<b>\$ (15,625,034.59)</b>	<b>\$ 0.00</b>

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

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**SCHEDULE OF VEHICLES PURCHASED**  
**Fiscal Year Ended August 31, 2023**

<u>Make</u>	<u>Model</u>	<u>Quantity</u>	<u>Purchase Price</u>	<u>Type of Use</u>	<u>Fuel Efficiency In Average Miles per Gallon City/Highway</u>
Chevrolet	C4500	1	\$ 45,750	Safety - Vehicle is used to maintain safe environmental conditions and/or to monitor for specific environmental threats.	9/12
Ford	Ranger	1	26,617	The Vehicle is primarily used to transport TCEQ personnel to different locations for the purpose of carrying out state business. For example, it is used to transport agency personnel to and from public, state, or private facilities.	20/26
Ford	Expedition	1	51,965	Safety - Vehicle is used to maintain safe environmental conditions and/or to monitor for specific environmental threats.	16/22
Ford	Expedition	1	51,965	Safety - Vehicle is used to maintain safe environmental conditions and/or to monitor for specific environmental threats.	16/22
Chevrolet	Silverado	1	40,870	Safety - Vehicle is used to maintain safe environmental conditions and/or to monitor for specific environmental threats.	16/20
Chevrolet	Silverado	1	43,560	Safety - Vehicle is used to maintain safe environmental conditions and/or to monitor for specific environmental threats.	16/20
Chevrolet	Silverado	1	40,870	Safety - Vehicle is used to maintain safe environmental conditions and/or to monitor for specific environmental threats.	16/20
Chevrolet	Silverado	1	43,560	Safety - Vehicle is used to maintain safe environmental conditions and/or to monitor for specific environmental threats.	16/20
Chevrolet	Silverado	1	40,870	Safety - Vehicle is used to maintain safe environmental conditions and/or to monitor for specific environmental threats.	16/20

-UNAUDITED-

**INDIRECT COST SCHEDULE**  
**For the Fiscal Year Ended August 31, 2023**

**A. Payroll-Related Costs**

FICA Employer Matching Contribution	\$ 13,339,702	
Group Health Insurance	31,822,336	
Additional Payroll Retirement Contribution	841,036	
Payroll Health Insurance Contribution	1,591,174	
Retirement	25,667,306	
Unemployment	<u>129,064</u>	
<b>Total Payroll-Related Costs</b>		\$ 73,390,617

Workers' Compensation	\$ 202,274	
Benefit Replacement Pay (BRP)	<u>148,899</u>	
<b>Total Worker's Compensation and BRP</b>		\$ 351,173

**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	\$	
(304) CPA Administration		
CPA Fiscal and ITD		
CPA Statewide Procurement		
CPA Rebates		
Department of Public Safety Capitol Security		
TFC Planning & Real Estate Management		
OOG Budget, Policy, and Planning Division		
(101) State Senate		
(102) House of Representatives		
(103) Legislative Council		
(104) Legislative Budget		
(105) Reference Library		
(116) Sunset Advisory Board		
<b>Total Indirect Costs - Statewide Full Cost Allocation Plan</b>		\$ <u>-</u>

**TOTAL INDIRECT COSTS** \$ 73,741,790

Note: Agency 582 will complete this FY23 Indirect Cost Schedule once the SWCAP report is available.

-UNAUDITED-

## Alternative Fuel Vehicle Progress Report Fiscal Year Ended August 31, 2023

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 401 motor vehicles, of which 144 or 37%, are considered alternative fuel vehicles. The total eligible motor vehicles subject to the statute is 12, of which 12, or 100%, 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 are continually being introduced into the agency's fleet whenever practical. The agency currently has eight, or 66% of 12 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 and lack of alternative fuel vehicles available on the term contracts. However, the agency closely monitors our purchases to meet the requirement by purchasing new vehicles which accept alternative fuels, even for those vehicles not under the statute. Lack of alternative fuel locations remains a concern for the agency. Currently, there are only a few vendors who dispense E85 fuel and accept the Voyager Fleet Card.

### Schedule of Fuel Consumption – Total Motor Vehicle Fleet Fiscal Years Ended 2022 and 2023

<b>FY2022</b>	<b>Sept</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	12,025	14,419	13,126	11,658	8,699	13,191	12,940	14,774	14,239	16,191	12,060	11,592
LPG/E85	0	0	0	0	0	0	0	0	0	0	0	0
Total Fuel	12,025	14,419	13,126	11,658	8,699	13,191	12,940	14,774	14,239	16,191	12,060	11,592
Total Miles	143,960	151,983	152,088	132,974	161,607	165,986	243,226	224,812	167,997	182,757	130,228	153,253
Avg. MPG	12	11	12	11	19	13	19	15	12	11	11	13
<b>FY2023</b>	<b>Sept</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	11,374	11,678	11,110	8,556	7,845	11,125	10,776	11,263	11,407	11,651	10,421	13,716
LPG/E85	0	0	0	0	0	0	0	0	0	0	0	0
Total Fuel	11,374	11,678	11,110	8,556	7,845	11,125	10,776	11,263	11,407	11,651	10,421	13,716
Total Miles	183,337	244,942	219,045	146,304	205,408	196,851	216,976	232,843	299,542	249,188	213,456	204,569
Avg. MPG	16	21	20	17	19	26	20	21	26	22	20	15

-UNAUDITED-

**VEHICLES ELIGIBLE FOR ALTERNATIVE FUEL  
FISCAL YEAR ENDED AUGUST 31, 2023**

Physical Location	Alternative Fuel		Year	Make	Model	Asset #	Vehicle Class	Acquisition Date	Tier	Bin
	Fuel Type	Capable								
TCEQ - Headquarters	Unleaded for Gas Hybrid	Yes	2018	FORD	FUSION HYBRID	057771	701 - PASSENGER CARS	8/2/2018	2	3
TCEQ - Headquarters	Unleaded	Yes	2016	FORD	TAURUS	054811	701 - PASSENGER CARS	2/3/2016	2	4
TCEQ - Headquarters	Unleaded	Yes	2018	DODG	JOURNEY	056504	707 - SPORTS UTILITY VEHICLES	11/8/2017	2	4
TCEQ - Headquarters	Unleaded	Yes	2018	DODG	CARAVAN	056802	716 - MINI-VANS	12/19/2017	2	4
TCEQ - Headquarters	Unleaded	Yes	2018	FORD	TAURUS	056505	701 - PASSENGER CARS	1/8/2018	2	3
TCEQ - Headquarters	Unleaded	Yes	2019	CHEV	IMPALA	057970	701 - PASSENGER CARS	5/24/2019	2	4
TCEQ - Headquarters	Unleaded	Yes	2019	DODG	JOURNEY	058984	707 - SPORTS UTILITY VEHICLES	6/25/2019	2	4
TCEQ - Headquarters	Unleaded for Gas Hybrid	Yes	2018	FORD	FUSION HYBRID	057770	701 - PASSENGER CARS	7/19/2018	2	3
TCEQ - Headquarters	Unleaded	Yes	2019	DODG	JOURNEY	058983	707 - SPORTS UTILITY VEHICLES	6/25/2019	2	4
DFW	Unleaded	Yes	2019	DODG	CARAVAN	058894	716 - MINI-VANS	6/17/2019	2	4
TYLER	Unleaded for Gas Hybrid	Yes	2009	FORD	ESCAPE HYBRID	046573	707 - SPORTS UTILITY VEHICLES	1/14/2009	2	3
WACO	Unleaded	Yes	2019	FORD	TRANSIT LR-150	058907	708 - CARGO AND PASSENGER VANS 708	9/12/2019	2	8
BEAUMONT	Unleaded	No	2010	DODG	CARAVAN	048446	716 - MINI-VANS	11/17/2009	2	5
HOUSTON	Unleaded	No	2018	FORD	ESCAPE	056772	707 - SPORTS UTILITY VEHICLES	11/3/2017	2	4
SAN ANTONIO	Unleaded	No	2016	FORD	TAURUS	054942	701 - PASSENGER CARS	6/2/2016	2	5
CORPUS CHRISTI	Unleaded	Yes	2017	FORD	EXPEDITION	055944	707 - SPORTS UTILITY VEHICLES	5/22/2017	2	4
CORPUS CHRISTI	Unleaded	Yes	2017	FORD	EXPEDITION	056572	707 - SPORTS UTILITY VEHICLES	5/22/2017	2	4
CORPUS CHRISTI	Unleaded	No	2019	FORD	EXPLORER	058912	707 - SPORTS UTILITY VEHICLES	8/30/2019	2	4
CORPUS CHRISTI	Unleaded	No	2022	FORD	EXPLORER	061429	707 - SPORTS UTILITY VEHICLES	1/25/2022	2	4



**SECTION II**

**STATEWIDE INFORMATION**

**REPORTABLE BY TCEQ**

## Analysis of Alternative Fuel Usage Reported by Agencies Fiscal Year Ended August 31, 2023

Beginning in fiscal year 2010, a new requirement was established pursuant to House Bill 432. 81<sup>st</sup> Legislature, Regular Session that changed Texas Government Code Section 2158.005. This requirement states that the Texas Commission on Environmental Quality 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.

### 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 applied for the 2004 through 2016 model years:

- 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.

**Table 1 - 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
5	0.07	0.090	4.2
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 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 1,203 federally certified light-duty passenger vehicles for the 2016 model year by fuel type and Tier 2 bin (<http://fuelconomy.gov/feg/download.shtml>). The 2016 model year was chosen for this summary because it is the last model year for which Tier 2 standards applied. More stringent Tier 3 standards began with the 2017 model year and phase-in through 2025. According to the EPA Tier 3 rule, these latest standards “are approaching the engineering limits of what can be achieved for vehicles using an internal combustion engine.”

**Table 2 - 2023 Model Year by Type and Tier 2 Bin**

Tier 2 Bin	Compressed Natural Gas	Diesel Fuel	Electricity/ Gasoline	Electricity Only	Ethanol/ Gasoline	Gasoline Only	All Fuel Types
Bin 1	0	0	0	22	0	0	22
Bin 2	0	0	1	0	0	14	15
Bin 3	0	0	3	0	0	70	73
Bin 4	1	0	1	0	36	180	218
Bin 5	0	20	6	0	34	807	867
Bin 6	0	2	0	0	0	0	2
Bin 7	0	0	0	0	0	0	0
Bin 8	0	0	0	0	1	5	6
Total	1	22	11	22	71	1,076	1,203

As shown, roughly 72% of all vehicles available for the 2016 model year were in the Bin 5 category and on-road emission inventory estimates are based on this fleet average assumption. 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 were from Bins 1 through 4 instead. For 2016 and other recent model years, there were no production vehicles available powered by liquefied natural gas (LNG), liquefied petroleum gas (LPG), methanol, or methanol/gasoline blends.

Benefits are calculated by estimating how much less the Tier 2 Bins 1 through 4 vehicles emitted during the 2023 fiscal year than if they had been certified to Bin 5. The difference in emission rates by model year between Bins 1 through 4 versus Bin 5 is multiplied by the reported miles traveled during the 2023 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 workday benefits of NO<sub>x</sub>, VOC, and CO for the 2023 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 for which no mileage was either accumulated or reported during the 2023 fiscal year.
- 2003 and older model year vehicles that were not subject to Tier 2 standard
- 2004 through 2016 model year vehicles certified to Tier 2 Bins 5 through 8
- 2004 through 2016 model year vehicles for which the Tier 2 bin category was not reported; and
- 2017 and newer model year vehicles meeting Tier 3 standards since the fleet average emission rates required of manufacturers are already lower than the Tier 2 Bin 5 reference level used for this analysis.

**Table 3 - Number of 2004 through 2016 Model Year Vehicles by Tier 2 Bin by State Agency for the 2023 Fiscal Year**

Agency Code	Agency Name	1	2	3	4	5	6	7	8	Total
302	Attorney General	0	0	1	35	2	0	0	0	38
303	Texas Facilities Commission	0	0	1	0	0	1	0	0	2
304	Comptroller of Public Accounts	0	0	0	0	0	0	0	1	1
305	General Land Office	0	12	13	1	0	0	1	0	27
401	Texas Military Department	0	0	0	0	0	0	8	0	8
405	Department of Public Safety	0	0	0	129	63	0	0	0	192
455	Texas Railroad Commission	0	0	0	0	2	0	0	0	2
529	Health and Human Services Commission	4	0	8	16	19	0	0	0	47
537	Department of State Health Services	0	0	1	0	6	0	0	2	9
551	Department of Agriculture	0	0	1	35	24	2	0	0	62
580	Texas Water Development Board	0	0	0	15	11	0	0	0	26
582	Texas Commission on Environmental Quality	0	0	1	1	2	0	0	0	4
592	Texas State Soil and Water Conservation Board	0	1	1	12	0	0	0	0	14
601	Texas Department of Transportation	0	0	36	77	79	0	0	70	262
608	Texas Department of Motor Vehicles	0	0	0	0	0	0	0	0	0
644	Texas Juvenile Justice Department	0	0	0	0	0	0	0	0	0
696	Texas Department of Criminal Justice	0	1	23	23	145	50	17	6	265
802	Texas Parks and Wildlife	0	0	0	0	0	0	0	14	14
808	Texas Historical Commission	0	0	2	1	10	0	0	33	46
	Grand Total	4	14	88	345	363	53	26	126	1,019

**Table 4 - 2023 Fiscal Year Annual Benefits Summary (pounds per pollutant)**

Agency Code	Agency Name	Bins 2, 3 and 4 Vehicles - Number	Bins 2, 3 and 4 Vehicles – Annual Miles	Annual Benefits (pounds) - NOx	Annual Benefits (pounds) - VOC	Annual Benefits (pounds) - CO
302	Attorney General	36	0	0	0	0
303	Texas Facilities Commission	1	3,268	0.45	0.64	12.22
304	Comptroller of Public Accounts	0	815	-0.34	-0.07	0
305	General Land Office	26	182,312	25.89	23.40	521.05
401	Texas Military Department	0	113,273	-43.48	0	0
405	Department of Public Safety	129	0	0	0	0
455	Texas Railroad Commission	0	11,179	0	0	0
529	Health and Human Services Commission	28	116,808	10.64	6.88	278.33
537	Department of State Health Services	1	45,998	-0.56	-0.05	6.49
551	Department of Agriculture	36	913,248	51.11	26.72	1,066.27
580	Texas Water Development Board	15	121,543	9.43	5.19	269.49
582	Texas Commission on Environmental Quality	2	15,941	0.64	0.31	19.98
592	Texas State Soil and Water Conservation Board	14	86,738	11.80	7.13	317.49
601	Texas Department of Transportation	113	0	0	0	0
608	Texas Department of Motor Vehicles	0	0	0	0	0
644	Texas Juvenile Justice Department	0	395,554	0	0	0
696	Texas Department of Criminal Justice	47	0	0	0	0
802	Texas Parks and Wildlife	0	0	0	0	0
808	Texas Historical Commission	3	-120,923	278.24	103.20	706.75
	Grand Total	451	1,885,754	343.82	173.35	3,198.07

**Table 5 - 2023 Fiscal Year Average Workday Benefits Summary** (pounds per pollutant based on 250 work days per year)

Agency Code	Agency Name	Average Workday Benefits (pounds) - NOx	Average Workday Benefits (pounds) - VOC	Average Workday Benefits (pounds) - CO
302	Attorney General	0.00	0.00	0.00
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	0.10	0.09	2.08
401	Texas Military Department	-0.17	0.00	0.00
405	Department of Public Safety	0.00	0.00	0.00
455	Texas Railroad Commission	0.00	0.00	0.00
529	Health and Human Services Commission	0.04	0.03	1.11
537	Department of State Health Services	0.00	0.00	0.03
551	Department of Agriculture	0.20	0.11	4.27
580	Texas Water Development Board	0.04	0.02	1.08
582	Texas Commission on Environmental Quality	0.00	0.00	0.08
592	Texas State Soil and Water Conservation Board	0.05	0.03	1.27
601	Texas Department of Transportation	0.00	0.00	0.00
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	0.00	0.00	0.00
802	Texas Parks and Wildlife	0.00	0.00	0.00
808	Texas Historical Commission	1.11	0.41	2.83
	Grand Total	1.37	0.69	12.75

**Table 6 - Sample NOx Benefit Calculation for the 2023 Fiscal Year from TCEQ Bins 3 and 4 Vehicles**

Model Year	Vehicle Make	Vehicle Model	Tier 2 Bin	FY 2023 Mileage	Bin 5 NOx Rate (gpm)	Vehicle NOx Rate (gpm)	NOx Difference (gpm)	NOx Benefit (grams)
2016	FORD	TAURUS	4	6,771	0.1007	0.0575	0.0431	292.15

**Table 7 - Sample VOC Benefit Calculation for the 2023 Fiscal Year from TCEQ Bins 3 and 4 Vehicles**

Model Year	Vehicle Make	Vehicle Model	Tier 2 Bin	FY 2023 Mileage	Bin 5 VOC Rate (gpm)	Vehicle VOC Rate (gpm)	VOC Difference (gpm)	VOC Benefit (grams)
2016	FORD	TAURUS	4	6,771	0.0935	0.0727	0.0208	140.65

**Table 8 - Sample CO Benefit Calculation for the 2023 Fiscal Year from TCEQ Bins 3 and 4 Vehicles**

Model Year	Vehicle Make	Vehicle Model	Tier 2 Bin	FY 2023 Mileage	Bin 5 CO Rate (gpm)	Vehicle CO Rate (gpm)	CO Difference (gpm)	CO Benefit (grams)
2016	FORD	TAURUS	4	6,771	2.6769	1.3384	1.3384	9,062.53