

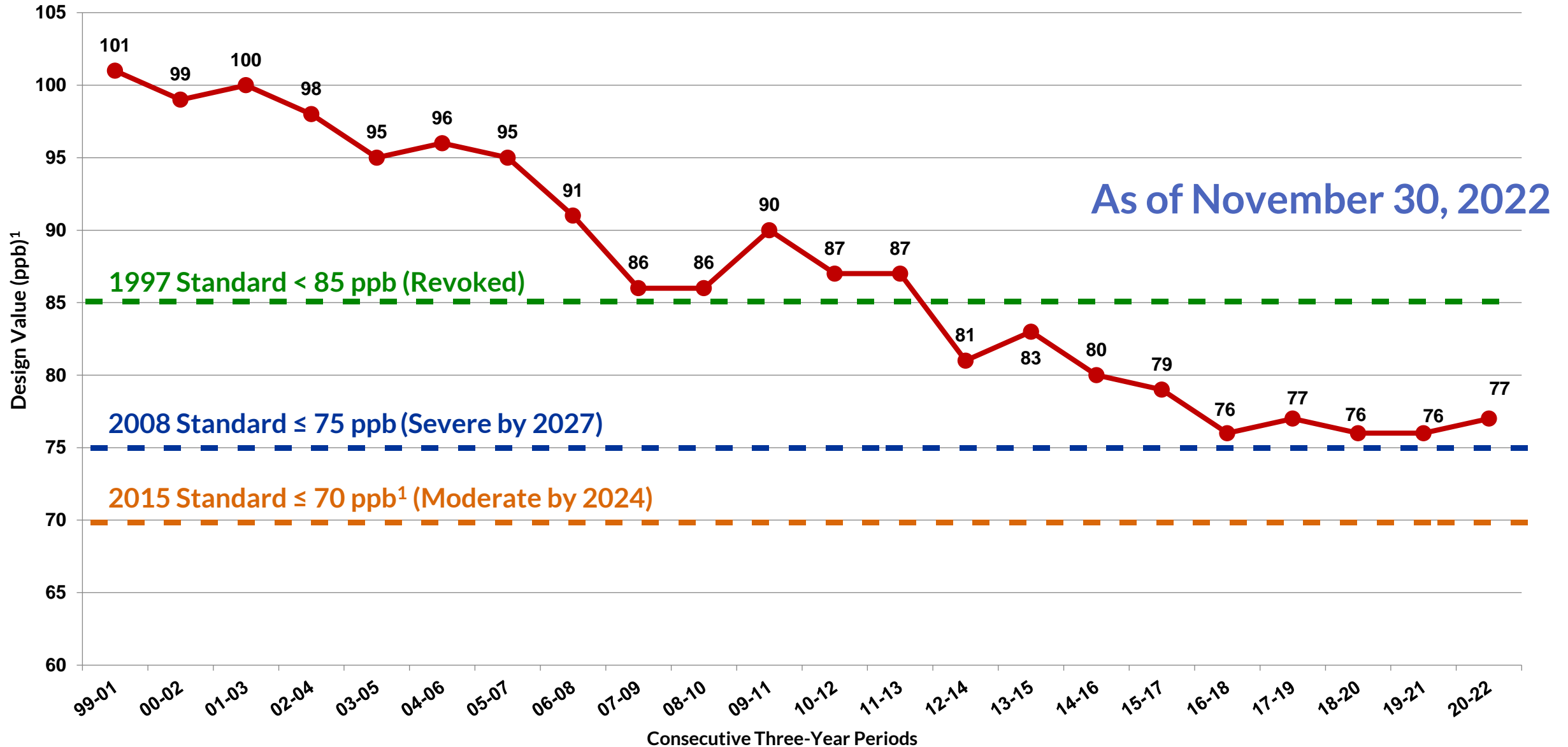
Potential Emissions Related Fees in DFW: Efforts and Opportunities

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Chris Klaus, Senior Program Manager



Ozone Design Value Trends



¹Attainment Goal - According to the US EPA National Ambient Air Quality Standards, attainment is reached when, at each monitor, the *Design Value* (three-year average of the annual fourth-highest daily maximum eight-hour average ozone concentration) is equal to or less than 70 parts per billion (ppb).

NO_x and VOC Emissions Apportionment

DFW 10-County Nonattainment Area Nitrogen Oxides (NO _x) (tons/day)						
Sources	Analysis Years				% Change from 2006 to 2023	% Change from 2023 to 2026
	2006	2017	2023	2026		
On-Road Mobile	284.27	130.77	72.30	60.20	-75%	-17%
Non-Road Mobile	98.06	45.54	34.38	32.03	-65%	-7%
Off-Road Mobile	32.92	25.24	23.59	24.59	-28%	4%
Point (All sources)	57.55	54.80	42.34	42.00	-26%	-1%
Oil & Gas (Production & Drill Rigs)	80.07	13.87	3.61	1.86	-95%	-48%
Area	29.02	26.55	31.33	32.17	8%	3%
Total	581.89	296.77	207.55	192.85	-64%	-7%
DFW 10-County Nonattainment Area Volatile Organic Compounds (VOC) (tons/day)						
Sources	Analysis Years				% Change from 2006 to 2023	% Change from 2023 to 2026
	2006	2017	2023	2026		
On-Road Mobile	116.50	64.91	38.74	33.27	-67%	-14%
Non-Road Mobile	64.69	34.01	42.68	44.12	-34%	3%
Off-Road Mobile	5.74	3.66	4.60	4.86	-20%	6%
Point (All sources)	50.44	47.38	23.53	23.56	-53%	0%
Oil & Gas (Production & Drill Rigs)	44.88	32.18	24.72	11.80	-45%	-52%
Area	290.46	236.70	265.77	275.73	-9%	4%
Total	572.71	418.84	400.04	393.34	-30%	-2%

Source: Texas Commission on Environmental Quality (TCEQ)

2021 Major Point Sources - Where, Who, Magnitude

DFW 10-County Nonattainment Area Major Point Sources: Nitrogen Oxides (NOX)						
County	Number of Major Point Source Facilities				Emission Totals (TPY)	Total Percent of 10-County Major Source Point Emissions
	Cement, Hydraulic (Kilns)	Electric Services (EGUs)	Crude Petroleum & Nat. Gas	Other (82 Source Types)		
Collin	-	1	-	9	79	1%
Dallas	-	2	-	66	831	8%
Denton	-	2	11	14	278	3%
Ellis	3	2	1	20	4,332	42%
Johnson	-	1	17	13	1,116	11%
Kaufman	-	1	-	5	1,165	11%
Parker	-	-	5	17	251	2%
Rockwall	-	-	-	3	13	0%
Tarrant	-	1	17	47	784	8%
Wise	-	1	51	7	1,485	14%
Total	3	11	102	201	10,333	100%

Clean Energy Funding Opportunities

Bipartisan Infrastructure Law (BIL)

See [BIL Guidebook PDF](#) pages 155-225 for all programs
See [BIL Funding Opportunity Announcements](#) for all open FOA's under the BIL

Programs to Note:

[State Energy Program](#) - \$500,000,000 for states to support planning for carbon emissions reductions in all sectors of the economy and in electric transmission and distribution.

[Energy Efficient Transformer Rebates](#) - \$10,000,000 available in rebates for the replacement of a qualified transformer with a qualified energy efficient transformer by owners of industrial or manufacturing facilities, multifamily residential buildings, a utility, or an energy service company.

Other Resources

[DSIRE \(dsireusa.org\)](#) - Federal and state programs related to renewables, fuel cells, and energy efficiency

[Infrastructure Act Resource Hub | NASEO](#) - Provides a detailed overview of the types of programs offered under the BIL

[Clean Energy Programs | US EPA](#) - Clean energy funding programs administered by the EPA

[EERE Funding Opportunities | Department of Energy](#) - Funding opportunities related to energy efficiency and renewables

Inflation Reduction Act (IRA)

See [IRA Guidebook Programs List](#) for all programs

See [IRA Tax Credits](#) for all tax credits available under the IRA

Programs to Note:

[Climate Pollution Reduction Grants](#) - \$5,000,000,000 for Tribes, states, air pollution control agencies, and local governments to develop and implement plans for reducing greenhouse gas emissions.

[Greenhouse Gas Reduction Fund](#) - \$27,000,000,000 for Tribes, states, municipalities, and eligible nonprofits to mobilize financing and leverage private capital for clean energy and climate projects that reduce greenhouse gas emissions.

Transportation Funding Opportunities

Bipartisan Infrastructure Law (BIL)

See [BIL Guidebook PDF](#) pages 155-225 for all programs
See [BIL Grant Programs](#) for all grant programs under the BIL

Programs to Note:

[Charging and Fueling Infrastructure Grants](#) - \$7.5 Billion between two programs for states and local governments to deploy alternative fuel vehicle charging and fueling infrastructure.

[Advanced Transportation Technology and Innovation \(ATTAIN\)](#) - \$60 million for states, local governments, transit agencies, and MPO's to deploy, install, and operate advanced transportation technologies to improve safety, mobility, efficiency, system performance, intermodal connectivity, and infrastructure return on investment.

Other Resources

[Texas Commission on Environmental Quality \(TERP\)](#) - Information on TERP Grants for alternative fuel vehicles and equipment
From TERP: [Governmental Alternative Fuel Fleet Grant Program \(GAFF\)](#) - **Opening Soon**

[Infrastructure Act Resource Hub | NASEO](#) - Provides a detailed overview of the types of programs offered under the BIL

[BIL - FHWA | Federal Highway Administration](#) - FHWA activities and funding relevant to the BIL

[Alternative Fuels Data Center: Bipartisan Infrastructure Law](#) - Details on BIL support of alternative fuel vehicles and technology

Inflation Reduction Act (IRA)

See [IRA Guidebook Programs List](#) for all programs
See [IRA Tax Credits](#) for all tax credits available under the IRA

Programs to Note:

[Commercial Clean Vehicle Tax Credit](#) - Businesses and tax-exempt organizations that buy a qualified commercial clean vehicle may qualify for a clean vehicle tax credit of up to \$40,000 under Internal Revenue Code (IRC) 45W.

[Alternative Fuel Refueling Property Credit](#) - Program extended under IRA allows business owners who provide or dispense fuel for vehicles powered by alternative fuels are eligible for a tax credit up to 30% of the cost of alternative fuel refueling property up to \$100,000 for property placed into service before 2033.

Open Funding Opportunities

[New Clean Vehicle Tax Credits](#) - Transportation

Funds: Federal tax credit of up to \$7,500 for the purchase of a LD plug-in electric or fuel cell vehicle or up to \$40,000 for HD plug-in electric or fuel cell vehicle.

[Texas Natural Gas Vehicle Grant Program \(TNGVGP\)](#) – Transportation

Funds: Replace medium and heavy-duty gasoline and diesel vehicles with natural gas vehicles.

[Emissions Reduction Incentive Grants \(ERIG\)](#) - Transportation

Funds: Repower or replace older locomotive, marine, stationary equipment, or select non-road equipment to reduce NOx emissions in ozone nonattainment areas

[Energy Efficiency and Conservation Block Grant \(EECBG\)](#) - Transportation and Stationary Sources

Funds: Energy efficiency and conservation, electric vehicles and electric vehicle infrastructure

[New Technology Implementation Grant \(NTIG\)](#) - Stationary Sources

Funds: New technology for stationary sources, oil and gas projects, and electricity storage to offset the incremental cost of the implementation of existing technologies that reduce the emission of pollutants from facilities and other stationary sources in Texas.

[NCTCOG Funding and Resources](#) - www.nctcog.org/AQfunding

New funding opportunities in the future will be posted here.

Opportunity #1 - Local Initiatives Program

Local Initiatives Program (LIP)

Approximately \$176.3 Million in Clean Air Account 151 Dedicated Funds*

Estimated from Dallas-Fort Worth Nonattainment Area: \$80 Million

Estimated Benefits if Total \$80 Million is Appropriated to DFW

- ~0.03 tpd (64 pounds per day) NO_x from transportation system improvements
- Maintain 1.70 tpd vehicle inspection program benefit in 2026 with Enforcement Task Forces
- Other financial impacts to Insurance, Registration, Toll Revenue, Fatalities, etc.

*Low-Income Repair and Replacement Program (LIRAP) Fee Collected from Nonattainment Counties

Opportunity #2 - Texas Emissions Reduction Plan

Texas Emissions Reduction Plan (TERP)

Over \$2 Billion Dedicated Revenue: Fund 5071

- Assume ½ to DFW = \$1 Billion

Estimated NO_x Reduced Benefits if \$1 Billion is Appropriated to DFW

- Utilize \$8,787 cost per ton based on TCEQ December 2022 Biennial Report
- Potential benefit = 44.5 tons per day (tpd) of NO_x
- Assume 30 tpd of NO_x reduced ~ 1 part per billion (ppb) ozone
- **Approximately 1.5** ppb of ozone

Take Action

How to Get TERP and LIP Appropriated

NEED SUPPORT FROM ADVOCATES!

Submit support to legislators, provide information, talk to staff/legislators, draft letters, testify in Senate Finance and House Appropriations Committees

LIP and TERP Funding is included in SB 1/HB 1 (Statewide Budget Bills) under Article VI - TCEQ

Schedule - 2023 = 88th Legislature (FY 24-25)

2025 = 89th Legislature (FY 26-27)

Attainment Date = 2027 (based on 2024, 2025, 2026 summer ozone seasons)

Take Action

As local governments consider strategies, support is needed in explaining why local measures add value to state government

Local measures mitigate need for state-level regulatory actions

Successful measures could minimize future federal involvement

Communication and education is critical to ability of local governments to step up (e.g. avoid "bans on bans")

FOR MORE INFORMATION

CHRIS KLAUS
Senior Program Manager
cklaus@nctcog.org
817-695-9286

LORI CLARK
Program Manager
lclark@nctcog.org
817-695-9232

JENNY NARVAEZ
Program Manager
jnarvaez@nctcog.org
817-608-2342

REBEKAH GONGORA
Communications Manager
rgongora@nctcog.org
682-433-0477

<https://www.nctcog.org/trans/quality/air/ozone>