

# **COASTAL BEND AIR QUALITY PARTNERSHIP (\*)**

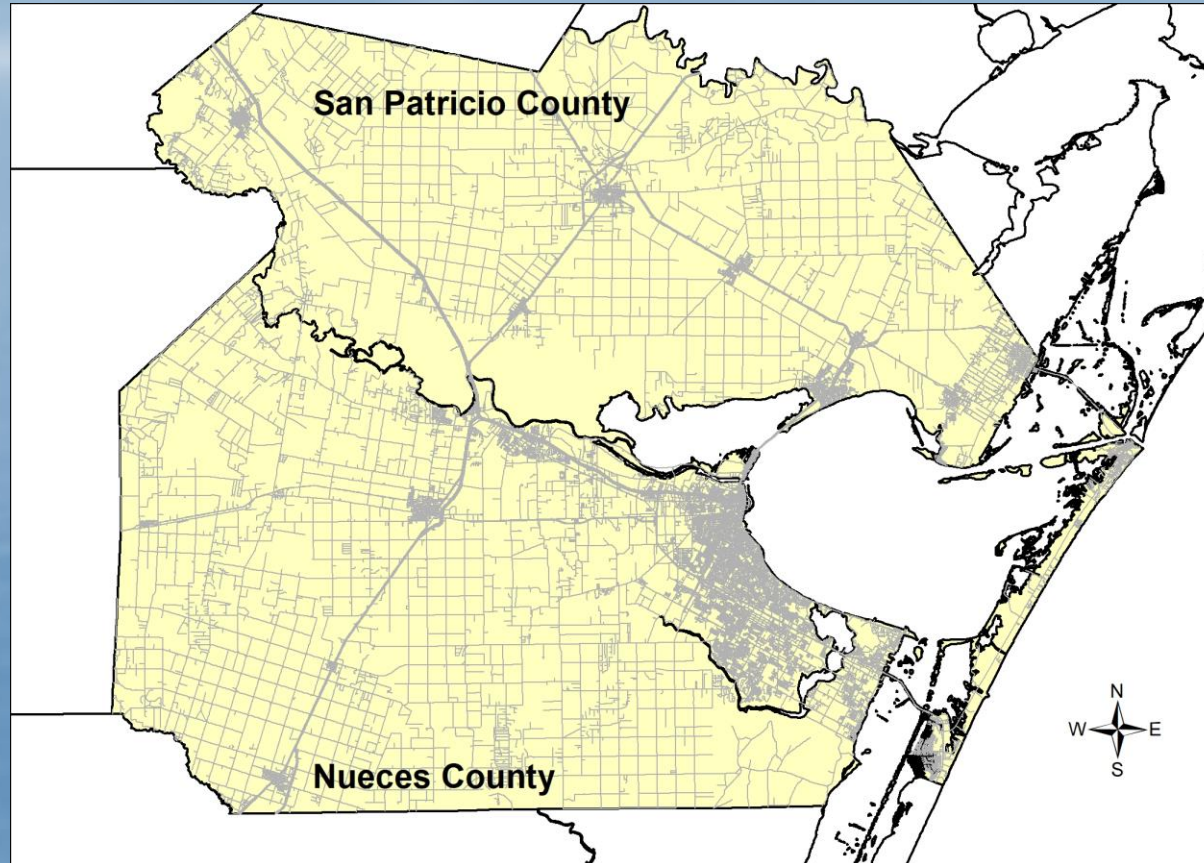
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(\*) formally Corpus Christi Air Quality Group

# COASTAL BEND AIR QUALITY PARTNERSHIP

- **Voluntary group established in 1995 to address threat of non-attainment of ozone standards**
- **Group includes representatives from City of Corpus Christi, Nueces County, San Patricio County, Corpus Christi and San Patricio Regional Economic Development Corporations, United Corpus Christi Chamber of Commerce, are industry, Port of Corpus Christi, RTA, MPO, Kingsville and Corpus Christi A&M, military, media, environmental consultants, and community members.**
- **The broad stakeholder representation within the Group has worked collaboratively to design and deliver effective strategies to maintain National Ambient Air Quality Standards (NAAQS) for regulated air pollutants that are suitable for our airshed.**
- **The name of the group; Coastal Bend Air Quality Partnership, was revised from the long-held name of Corpus Christi Air Quality Group in late 2019 to more accurately reflect the EPA defined Corpus Christi Urban airshed which includes all of Nueces and San Patricio counties.**

# CORPUS CHRISTI URBAN AIRSHED



# IMPACTS TO AIR QUALITY

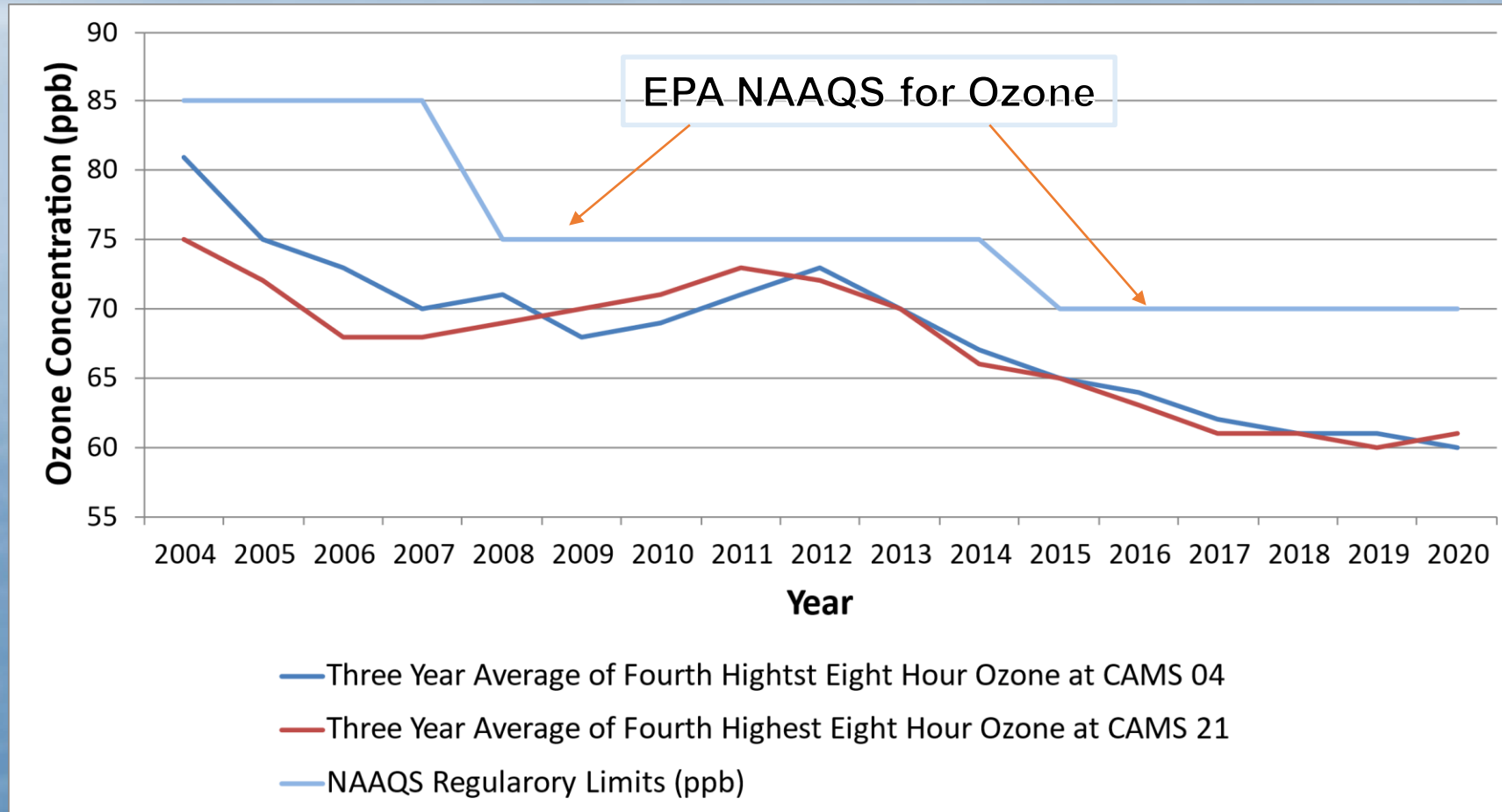
- On-road vehicles attribute 1/3 total ozone precursors
- Business and Industry attribute 1/3 total ozone precursors
- Off-road engines attribute to 1/3 ozone precursors



# **PARTNERSHIP ACCOMPLISHMENTS**

- **Anti-idle programs.**
- **Routine inspections with emission detecting equipment.**
- **Routine inspections of storage tanks for leaks.**
- **Public education about ozone reducing activities and recommendations.**
- **Polluting vehicle inspection and repair services.**
- **Curtailed emission reduction activities on elevated ozone days.**
- **Alternative fuel vehicles and buses.**

# AIRSHED OZONE TRENDING



# ECONOMIC IMPACT

- **Attainment of air quality standards influences industrial site selection**
- **Industries located in attainment area experience lower costs associated with permitting, less strict compliance requirements and fewer control measures vs. those in areas of non-attainment**

# CRITICAL ACTION

- **Through a research agreement between the Port of Corpus Christi and Texas A&M University-Corpus Christi, the Coastal Bend Air Quality Partnership requested a study by Dr. Jim Lee to identify the cost of ozone non-attainment for our airshed (Nueces and San Patricio counties).**
- **Cost of non-attainment in our airshed is \$0.5 billion - \$1.7 billion annually for a 23–25 year period**



# ECONOMIC IMPACTS OF NON-ATTAINMENT

## Total Annual Projected Potential Costs

	Marginal Nonattainment (>70 ppb)		Moderate Nonattainment (>80 ppb)	
	Low Estimate	High Estimate	Low Estimate	High Estimate
Impact on Local Industry	\$565,945,755	\$1,690,216,126	\$566,376,968	\$1,697,857,641
Losses due to Road Construction Delays	\$20,263,963	\$20,291,740	\$27,348,016	\$27,373,016
Vehicle Inspection Costs	–	–	\$5,769,684	\$9,281,666
Educational/Outreach Program Costs	\$123,474	\$123,474	\$261,148	\$261,148
Costs of Voluntary Control Measures	\$29,655	\$29,655	\$29,655	\$29,655
<b>Corpus Christi MSA</b>	<b>\$586,362,847</b>	<b>\$1,710,660,996</b>	<b>\$599,785,472</b>	<b>\$1,734,803,126</b>

# **COASTAL BEND AIR QUALITY PARTNERSHIP CHALLENGES AND CRITICAL RESPONSE**

- **Challenges**
  - Unprecedented industrial growth
  - Increasing number of vehicles on the road
- **Critical Response**
  - Transition Partnership from small volunteer group run from home to a dedicated full-time staffed organization
    - Organizations in Texas with similar air quality partnerships include Central Texas Council of Governments (CTCOG), Alamo Area Council of Governments(AACOG), Capital Area Council of Governments (CAPCOG) and Houston-Galveston Area Council (H-GAC), Hood County Clean Air, El Paso MPO

# **CRITICAL RESPONSE – NEXT STEPS**

- **Establish a transition team to establish the foundation for a full-time dedicated air quality organization with a board of directors, a full-time executive director, and dedicated funding to ensure a future of healthy air quality in a healthy economy.**
- **The full-time organization will provide a dedicated effort to remain abreast of current air quality trending and challenges, obtain grant funding, oversee research emission inventories, review modeling, and develop emission reduction programs and suggested policies that are most effective for our airshed.**

# TRANSITION TEAM

Name	Title	Affiliation
Sarah Garza	Interim President, voting member	Director of Environmental Planning and Compliance, Port of Corpus Christi
Trent Thigpen	Interim Vice-President, voting member	Program Manager, Pollution Prevention Partnership, Texas A&M University-Corpus Christi
Sharon Bailey Murphy	Interim Secretary, voting member	Environment Affairs Manager, City of Corpus Christi
Gretchen Arnold	Interim Executive Director, non-voting member	Past Chair, Coastal Bend Air Quality Partnership
Darcy Schroeder	Transition Committee, non-voting member	Valero Refining, Communications and Governmental Relations
Bob Paulison	Transition Committee, non-voting member	Director, Port Industries of Corpus Christi
Robert MacDonald	Transition Committee, non-voting member	Director, Corpus Christi MPO
Jeff Pollack	Transition Committee, non-voting member	Chief Strategy Officer, Port of Corpus Christi
Glenda Swierc	Transition Committee, non-voting member	Environmental Manager, Moda Midstream
Rosie Colin	Transition Committee, non-voting member	Director of Community Relations, Port of Corpus Christi
Errol Summerlin	Transition Committee, non-voting member	Coastal Alliance to Protect our Environment (CAPE)
A J Hansborough	Transition Committee, non-voting member	Manager, Trinity Consultants
Tammy Embrey	Transition Committee, non-voting member	Director, Intergovernmental Relations, City of Corpus Christi
Sherman Hampton	Transition Committee, non-voting member	Environmental and Regulatory State Advisor, Exxon Mobil
Isabel Rivero	Transition Committee, non-voting member	Environmental Section Supervisor, Gulf Coast Growth Ventures
Clayton Curtis	Transition Committee, non-voting member	Vice President of Regulatory Affairs, Modi Midstream

# TRANSITION TEAM ACCOMPLISHMENTS

- **Developed and approved strategic plan.**
- **Developed and approved bylaws.**
- **Established agreement with Coastal Bend Community Foundation to receive funds as a 501 C until Partnership is approved for 501 C 3 status**
- **Working with legal council to develop a 501 C 3 application package.**
- **Developed projected annual operating budget.**
- **Obtaining financial commitments to sustain the formal organization.**

# AVERAGE ANNUAL OPERATING BUDGET

<b>Expenses:</b>	<b>Category</b>	<b>Individual Cost</b>	<b>Total Cost</b>
<b>Staff</b>	<b>Executive Director</b>	<b>\$ 80,000</b>	<b>\$80,000</b>
<b>Overhead</b>	<b>Rent (in-kind – POCCA)</b>	<b>NA</b>	
	<b>Utilities (in-kind – POCCA)</b>	<b>NA</b>	
<b>Operational</b>	<b>Supplies</b>	<b>\$ 2,500</b>	
	<b>Printing</b>	<b>\$ 1,000</b>	
	<b>Travel/Mileage</b>	<b>\$ 6,000</b>	
	<b>Cell Phone</b>	<b>\$1,200</b>	
	<b>Misc. (bank fees, etc)</b>	<b>\$ 500</b>	
	<b>Promotional/Marketing/Media (may be contracted..)</b>	<b>\$10,000</b>	
	<b>Foundation Service fee</b>	<b>\$1,600</b>	<b>\$22,800</b>
<b>Professional Services</b>	<b>Legal</b>	<b>\$8,000</b>	
	<b>Tax Services/Accounting</b>	<b>\$ 7,000</b>	
	<b>Technical Consulting</b>	<b>\$30,000</b>	<b>\$45,000</b>
<b>Total Projected Annual Operational Cost</b>			<b><u>\$147,800</u></b>

# CURRENT FINANCIAL COMMITMENTS

Entity	Amount
Port of Corpus Christi 2020	\$45,000.00
Nueces County 2021	\$25,000.00
Regional Transportation Authority 2021	\$5,000.00
Metropolitan Planning Organization 2021	\$4,000.00
San Patricio County 2021	\$5,000.00
City of Corpus Christi 2021	\$25,000.00
Port Industries of Corpus Christi 2021	\$60,000.00
Port of Corpus Christi for 2021	\$90,000.00
Total	\$259,000.00

# TRANSITION GOALS

- **Obtain a minimum of three years of committed funding for the formal organization by third quarter 2021.**
- **Seat a permanent board in 2021.**
- **Hire executive director in 2021.**
- **Close out 2021 with formal organization established.**