

MEETING NOTES

PASADENA CITIZENS' ADVISORY COUNCIL

www.pasadenacac.org

Tuesday, October 26, 2021

Via Zoom Video/Teleconference

The 285th meeting of the Pasadena Citizens' Advisory Council (PCAC) was held on Tuesday, October 26, 2021, via Zoom Video/Teleconference. The meeting notes from September 28, 2021 were approved as amended with the following changes on page 2. [Stormwater discharge sampling procedure: sample ahead of any anticipated rain at sample points before the permitted outfall so they can see if ~~storms result in~~ any spills have entered the stormwater drainage system.; Fence line monitoring for benzene helps find the source of those emissions more quickly, and whether the source is ~~the plant~~ in or outside of the plant.] Tiffany Miller facilitated in Diane Sheridan's absence. Miller reviewed the ground rules and agenda, which were accepted as proposed.

ATTENDEES *italicized*

PCAC Members

*Andrew Aleman, City of Pasadena OEM
Ruth Askine
Diane Barnes, CTHS
Raul Camarillo, Harris Co. Pct. 2
Emilio Carmona
Azell Carter, City of Pasadena OEM
Monica De La Portilla
Tammy De Los Santos, City of Pasadena
Parks and Rec.
Ninfa Herrera, City of Pasadena
Neighborhood Network
Albert Gonzales
Rick Guerrero, City of Pasadena
Neighborhood Network
Mike Jackson
Chad Carson, Economic Alliance Houston
Port Region
Luz Locke
Loretta McCarthy
Ellis Orozco*

*Ernesto Paredes
Margie Pena
Dominick Rezza
Giovanna Searcy
Leon Searcy
Richard Sims
Sue Sims
Joe Valdivia
Christina Womack, Chamber of
Commerce
Jack Womack*

Support

*Diane Sheridan, Facilitator
Tiffany Miller, Secretary*

Observers or Resources

*George Alger
Jerry Caraviotis, HCPCS
John Collins*

*Matthew Giles, State Rep. Mary Ann
Perez Office
MaryJane Mudd, EHCA
Michelle Partin
Christopher Thomas, Occidental
Petroleum
David Wade, HCOHSEM
Blake White, HCOHSEM*

CAC Plant Members

*Afton Chemical, Hari Sundaram, Scott
Kolb, Mario Troncoso
Air Products, _____
Albemarle, Doug Thompson for Lisa
Fruge, Paul Hernandez
BASF, Wendel Langley
Chevron Pasadena Refinery, Matt
Postage, Becky Froedge, Rajni Yadav
Chevron Phillips, Andy Woods, Michelle
Pritchard, Ravi Kaggal*

*Enterprise Products, Mark Roberts,
Heather Makarczyk
Ethyl, Hari Sundaram for Antonio Salinas
Evonik, Juan Soto for Nathan Locklar
Gulf Coast Authority, Rachel
Cunningham for Denise Ehrlich
INEOS Phenol, Ana Partin for Amy
Narvaez
Intercontinental Terminals, _____
KM Export Terminal, Robert Hammons
for David Koetter
KM Liquids Terminal, Robert Hammons,
Dayu Zhang
LyondellBasell Refinery, Clint Titzman,
Roel Munoz
OxyVinyls, Scott Halbrooks, Liliana
Sarpong
PCI Nitrogen, _____
Sekisui, Jenna Timtiman for Jeff
Thompson, Scott Stephens,*

Annual Report of Air Emissions from PCAC Plants

Scott Kolb of Afton Chemical presented the annual report on PCAC plant air emissions. (PCAC plants rotate serving as the presenter.) The annual report derives its data from two annual inventories: the Air Emissions Inventory (EI), which plants submit to the TCEQ, and the Toxics Release Inventory (TRI), which plants submit to the EPA. The presentation is posted on the Member page of www.pasadenacac.org. Highlights of the 2020 data on emissions follow on page 2. The report compared NOx and VOC emissions at PCAC plants to those reported in the Air Emissions Inventory in Harris County and in Texas overall. For this comparison, data from 2019 are the most current. In 2019, 0.6% of the state's NOx emissions came from PCAC plants; and 10% of the county's NOx emissions did so. In 2019, 3% of the state's VOC emissions came from PCAC plants, and 16% of the county's VOC emissions inventory did so.

PASADENA CITIZENS' ADVISORY COUNCIL
HIGHLIGHTS OF 2020 DATA IN OCTOBER 2021 EMISSIONS REPORT

Full Emissions Inventory by Cause	Pounds in 2020	Compared to 2019
Routine Permitted Emissions	12,985,693	-10%
Maintenance Emissions	52,290	78%
Upset Emissions	88,637	-81%
Emissions Inventory of Selected Criteria Air Pollutants	Pounds in 2020	Compared to 2019
NOx – nitrogen oxides	2,620,207	-14%
All VOCs – volatile organic compounds	4,906,222	-6%
— Portion of pounds that are highly reactive (HRVOCs)	256,153	-1%
SOx – sulfur oxides	2,373,396	-25%
CO – carbon monoxide	2,281,824	-1%
TSP – total suspended particulates	778,531	-10%
PM 2.5- TSPs less than 2.5 micrometers in diameter	610,596	-13%
Toxics Release Inventory (TRI)		
Total releases to the air	729,273	-5%
Portion from fugitive air sources	277,296	1%
Portion from point air sources	451,976	-8%
TRI total air releases from 1995 – 2019	4,732,013 in 1995	729,273 lbs. in 2020 down 85%
	In 2020	The year before...
Number of Pasadena CAC Plants *	18	18
Plants reporting TRI	14	14
Plants reporting air emissions inventory	17	17
Plants reporting Highly Reactive VOCs	9	8
<i>*PCAC has 18 plant members in October 2021.</i>		

Green = decreased from 2019 to 2020 - Red = increased from 2019 to 2020

UPDATES

The Center for Petrochemical, Energy, & Technology (CPET) at San Jacinto College is having their first FREE community safety day on October 29. There will be all kinds of safety demonstrations for proper safety at home and at work.

FACILITY UPDATE SUMMARY

Acronym List on PCAC website

Plant representatives reviewed highlights of the written reports projected on the screen, and they responded to questions. The update summary was mailed to attendees before the meeting and then to the membership on October 27. Direct questions to Diane Sheridan facilitator, dbsfacilitator@gmail.com, 281-326-5253.

In a Nutshell:

- Updates were received from 17 of 18 plants (None from PCI Nitrogen)
- **1** had reportable environmental incidents (1 at Enterprise Products)
- **0** had OSHA recordable injuries.
- **16** had neither environmental nor safety incidents

16 plants had no environmental incidents:

- | | | |
|------------------------------|-------------------------------------|---------------|
| 1. Afton Chemicals | 8. Evonik | 15. OxyVinyls |
| 2. Air Products | 9. Gulf Coast Authority | 16. Sekisui |
| 3. Albemarle | 10. INEOS Phenol | |
| 4. BASF | 11. Intercontinental Terminals | |
| 5. Chevron Pasadena Refinery | 12. Kinder Morgan Export Terminal | |
| 6. Chevron Phillips | 13. Kinder Morgan Liquids Terminal | |
| 7. Ethyl | 14. LyondellBasell Houston Refinery | |

17 plants had no safety incidents:

- | | | |
|------------------------------|--------------------------------|-------------------------------------|
| 1. Afton Chemicals | 7. Enterprise Products | 13. Kinder Morgan Export Terminal |
| 2. Air Products | 8. Ethyl | 14. Kinder Morgan Liquids Terminal |
| 3. Albemarle | 9. Evonik | 15. LyondellBasell Houston Refinery |
| 4. BASF | 10. Gulf Coast Authority | 16. OxyVinyls |
| 5. Chevron Pasadena Refinery | 11. INEOS Phenol | 17. Sekisui |
| 6. Chevron Phillips | 12. Intercontinental Terminals | |

FUTURE PCAC MEETINGS

Meeting Login begins at 5:45 pm. Meetings are from 6:00 – 7:30 p.m. via Zoom video conference unless otherwise indicated.

Thursday, December 2, 2021 – Effects of Pollution on Health

- Blythe Mansfield, MD, Kelsey Seybold Medical Director for Occupational Medicine, will talk about what air pollution is, kinds of exposure, and specifics about the EPA’s criteria pollutants, benzene, and 1-3, butadiene.
- She also will describe environmental and occupational causes of health problems and a systematic approach to history taking and diagnosis of occupational and environmental illness. She also will describe EPA’s actions to advance environmental justice related to the topic.

Tuesday, January 25, 2022 – Plant Communication with Community When It Plans a Major Plant Maintenance Turnaround

- PCAC would like to know how plants keep the city and the public informed about a major planned maintenance turnaround and whether any consideration is given to road construction in the affected area when choosing the timing of a turnaround.
- PCAC members will describe the impacts a turnaround may have on the community. Examples include traffic congestion and impacts on residents, other businesses, the school district and opportunities for small businesses from turnaround purchasing as well as the influx of contractors.

DATES FOR 2021

Tues. Jan. 26
Tues. Feb. 23
Thurs. Mar. 25
Tues. Apr. 27

Tues. May 25
No June or July meetings
Thurs. Aug. 26
Tues. Sept. 28

Tues. Oct. 26
Thurs. Dec. 2 (delayed due to Thanksgiving)
No December meeting

DATES FOR 2022

Tues. Jan. 25
Tues. Feb. 22
Thurs. Mar. 24
Tues. Apr. 26

Tues. May 24
No June or July meetings
Thurs. Aug. 25
Tues. Sept. 27

Tues. Oct. 25
Thurs. Dec. 1 (delayed due to Thanksgiving)
No December meeting