

POST

# Chevron Refinery Fire Yesterday

August 19, 2020

12,376.94 pounds released ... See EnviroAI details.

Chevron Pasadena Refinery Fire Yesterday



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AI Earth e.g. flares, net heating value, RN101914042

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PASADENA REFINING SYSTEM PRSI

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ISP TECHNOLOGIES TEXAS CITY PLANT

CHEVRON PHILLIPS CHEMICAL

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1. Reports - AIR / HRVOC Emissions Cap and Trade (HECT) - 2020-07-21
2. Audit - OCE / Air Compliance - 2020-02-24
3. Reports - AIR / Mass Emissions Cap and Trade (MECT) - 2020-02-11
4. Permit - OCE / Air Compliance - 2020-01-05
5. MW or System Change or P&StampA - WST / Industrial Hazardous Waste Corrective Action - 2019-10-31
6. Audit - OCE / Air Compliance - 2019-09-28
7. Notification - OCE / Air Compliance - 2019-07-21
8. Correspondence - WST / Industrial Hazardous Waste Registration - 2019-06-10
9. Permit Face - AIR / New Source Review Permit - 2019-05-30
10. Administrative - AIR / Federal Operating Permit - 2019-05-17
11. Applications - AIR / New Source Review Permit - 2019-05-15
12. Tech NOD Response - WST / Industrial Hazardous Waste - 2019-05-08
13. Technical Review - AIR / New Source Review Permit - 2019-04-04
14. Agency Review - AIR / New Source Review Permit - 2019-03-14
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18. Permits - AIR / New Source Review Permit - 2019-02-12
19. Semiannual - OCE / Air Compliance - 2019-01-24

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Total events: 144 (since 2004)

Total released: 2371199.78 lbs (since 2004)

Date	Duration	Cause	Total Amount Released	More Details
2020-08-19	0 hours, 37 minutes	Fire	12376.94	340854
2020-08-03	3 hours, 20 minutes	Process unit shutdown	599.95	339972
2020-07-28	0 hours, 30 minutes	Electrostatic precipitator tripped	215.01	339665
2020-07-24	20 hours, 42 minutes	Transformer outage	8024	339517
2020-03-06	12 hours, 49 minutes	AIR STARTUP: Planned startup following maintenance	3790.57	330666
2020-01-02	7 hours, 0 minutes	A release occurred from a process pipe.	1482	327160

Documents Databases

Layers

Jobs(Beta)

"tank 51" deviation

PASADENA REFINING SYSTEM

24 records



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100%	PASADENA REFINING SYSTEM	Enforcement	2016-12-14	OCE / Air Compliance	RN100716661	
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TCEQ staff determined that the emissions event was due to **operator error**. Since the emissions event was due to **operator error**, the Respondent is precluded from asserting an affirmative defense under 30 Tex. ADMIN. CODE § 101.001. As evidenced by Findings of Fact No. 9, the Respondent failed to prevent unauthorized emissions, violation of 30 Tex. ADMIN. CODE § 101.001(b)(2)(F) and (c), Tex. Since the emissions event was due to **operator error**, the Respondent is precluded from asserting an affirmative defense under 30 Tex. Admin. Code 5101.222.

71.09%	PASADENA REFINING SYSTEM PRSI	Investigation	2020-05-21	OCE / Air Compliance	RN100716661	
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# - 1470886 Page 3 of 8 2) the cause of emissions event - This incident was due to **operator error** when PRSI staff failed to follow their startup procedures, compounded by equipment failure from debris, and aggravated by operational failures due to staff failing to adequately manage their process and not promptly responding to abnormal conditions during  
It was determined that due to **operator error** along with equipment and operational failures, this incident could have been reasonably avoided through better operation practices. 3) the quantity and impact on human health or the environment of the emissions event - It was reported that the following compounds were released during the incident: East Flare I have determined that your facility failed to meet the affirmative defense for this emissions event due to **operator error** along with equipment and procedural failures during a planned startup. Attached is an exit interview form which documents my findings.

38.58%	PASADENA REFINING SYSTEM	Permits	2019-02-12	AIR / New Source Review Permit	RN100716661	
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**Operator error** was determined by Baker & O'Brien as being the major contributor to SO<sub>2</sub> upsets at the refinery since 1989. **Operator error** accounted for about 30 % of the SO<sub>2</sub> emissions from 1989 to 1993. As part of this renewal, Crown will be required to implement an operator training program specifically designed for the SRU. For statistical reasons, the estimated SO<sub>2</sub> emissions attributed to this August 1993 amine outage were included under the "amine system problems" category and none to **operator**

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# EnviroAI™

The Environmental Search & Solution Engine

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About 107000 records

- Chevron Pasadena Refinery fire: Smoke pours out of oil tank after ...**  
23 hours ago ... PASADENA, Texas (KTXX) -- A fire at the Chevron Pasadena Refinery sent thick smoke billowing into the air early Tuesday morning. Chevron ...
- No injuries reported after fire at Pasadena refinery**  
1 day ago ... According to Bill Stephens, a spokesman for Chevron, the fire was extinguished about 6:30 a.m. but the crew is still working to cool down the ...
- Pasadena Chevron facility reports oil tank fire early Tuesday | Mhou ...**  
1 day ago ... Pasadena residents woke up to smog, smoke after fire at nearby refinery. No one was hurt, and all workers have been accounted for. ...
- High levels of cancer-causing benzene found near 6 Texas ...**  
Feb 6, 2020 ... Parts of the Chevron Pasadena refinery can be seen behind Kluge ... Shell Deer Park also was affected by a major chemical plant fire at ...
- Chevron Pasadena Refinery fire sends billowing smoke into the air**  
23 hours ago ... Did you see the thick smoke drifting into the air? The refinery says air quality tests are underway, but so far, nothing has been detected.
- Chevron takeover of Petrosbras Pasadena refinery stalls: sources ...**  
Apr 2, 2018 ... On Sunday, PDSG filed notices with the Texas Commission on Environmental Quality (TCEQ) that the electronics assembler (SEP) and the ...

**PASADENA REFINING SYSTEM PRSI**  
RN100716661 Search within RN

1. Report - AIR / HAPs/OC Emissions Cap and Test (R-1C) - 2020-07-21
2. Audit - OCE / Air Compliance - 2019-05-24
3. Report - AIR / New Emissions Cap and Test (R-1C) - 2020-05-11
4. Permit - OCE / Air Compliance - 2019-05-09
5. MRO or System Change or Flammability - WST / Industrial Hazardous Waste Corrective Action - 2019-05-07
6. Audit - OCE / Air Compliance - 2019-05-02
7. Notification - OCE / Air Compliance - 2019-05-01
8. Correspondence - WST / Industrial Hazardous Waste Registration - 2019-04-10
9. Permit Face - AIR / New Source Review Permit - 2019-03-30
10. Administration - AIR / Federal Operating Permit - 2019-03-17
11. Application - AIR / New Source Review Permit - 2019-03-15
12. Tech NOD Response - WST / Industrial Hazardous Waste - 2019-03-08
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19. Semiannual - OCE / Air Compliance - 2019-02-10
20. Investigation - AIR / New Source Review Permit - 2019-01-24
21. Enforcement - OCE / Air Compliance - 2018-11-09
22. Enforcement - OCE / Air Compliance - 2018-11-05
23. Final Action - AIR / New Source Review Permit - 2018-09-21
24. Agency Review - AIR / New Source Review Permit - 2018-09-17
25. Agency Review - AIR / New Source Review Permit - 2018-09-17
26. Agency Review - AIR / New Source Review Permit - 2018-09-14
27. Agency Review - AIR / New Source Review Permit - 2018-09-14
28. Agency Review - AIR / New Source Review Permit - 2018-09-14
29. Agency Review - AIR / New Source Review Permit - 2018-09-14
30. Agency Review - AIR / New Source Review Permit - 2018-09-14
31. Technical Review - AIR / New Source Review Permit - 2018-07-17
32. Investigation - OCE / Air Compliance - 2018-07-08

NAME	STATUS	GROUP	PROFILE	NOX	VOC	CO	SO2
TANK 51	INACTIVE	WASTEWATER TANK	WST	0	0	0	0

Control:  
NOx Control Efficiency: 0  
VOC Control %:

e.g. flares, net heating value, RN101914042

Documents Databases

Jobs(Beta)

Search: "tank 51"

**PASADENA REFINING SYSTEM PRSI**

43 records

**PASADENA REFINING SYSTEM PRSI**  
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Type: **Unit Closure Plan**  
Release Date: **2020-07-27**  
Category: **WST / Industrial Hazardous Waste Corrective Action**

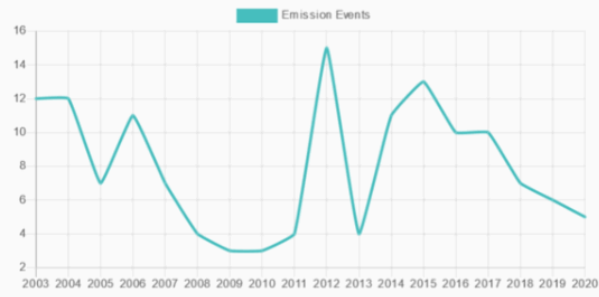
**Download**

**51** (steel tank) for temporary storage of waste water. In 1995 **Tank 51** was a Coker Feed tank with only a small amount of product remaining in the tank. The tank was pressed into temporary service as a wastewater tank to prevent a possible release of contaminated storm water and waste water to the environment. The wastewater was later removed to the refinery wastewater pretreatment system and **tank 51** was returned to Coker Feed and later FCC Feed storage service. There were no known spills of storm or wastewater



PASADENA REFINING SYSTEM INC-PASADENA REFINING SYSTEM PRSI-RN100716661

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