Executive Summary – Enforcement Matter – Case No. 62066 OQ Chemicals Corporation RN105195655 Docket No. 2022-0284-AIR-E

Order Type:

1660 Agreed Order

Findings Order Justification:

N/A

Media: AIR

Small Business:

No

Location(s) Where Violation(s) Occurred:

OQ Chemicals Bay City Plant, 2001 Farm-to-Market Road 3057, Bay City, Matagorda

County

Type of Operation:

Organic chemical manufacturing plant

Other Significant Matters:

Additional Pending Enforcement Actions: No

Past-Due Penalties: No

Other: N/A

Interested Third-Parties: None

Texas Register Publication Date: August 19, 2022

Comments Received: No

Penalty Information

Total Penalty Assessed: \$9,525

Amount Deferred for Expedited Settlement: \$1,905

Total Paid to General Revenue: \$3,810 **Total Due to General Revenue:** \$0

Payment Plan: N/A

Supplemental Environmental Project ("SEP") Conditional Offset: \$3,810

Name of SEP: Texas Congress of Parents and Teachers dba Texas PTA (Third-

Party Pre-Approved)

Compliance History Classifications:

Person/CN - Satisfactory Site/RN - Satisfactory

Major Source: Yes

Statutory Limit Adjustment: N/A

Applicable Penalty Policy: January 2021

Investigation Information

Complaint Date(s): N/A Complaint Information: N/A

Date(s) of Investigation: October 21, 2021 through February 4, 2022

Date(s) of NOE(s): February 23, 2022

Executive Summary – Enforcement Matter – Case No. 62066 OQ Chemicals Corporation RN105195655 Docket No. 2022-0284-AIR-E

Violation Information

Failed to prevent unauthorized emissions. Specifically, the Respondent released 2,698.00 pounds of volatile organic compounds as fugitive emissions, during an emissions event (Incident No. 368014) that occurred on October 7, 2021 and lasted 15 minutes. The emissions event occurred when the O-ring failed that caused the actuator for Shutdown Valve SDV-7233 to not function as expected, resulting in the release to the atmosphere. Since the emissions event was not caused by a sudden unavoidable breakdown of equipment or process beyond the control of the owner or operator and could have been avoided by better design and/or better operational and maintenance practices, the Respondent is precluded from asserting an affirmative defense under 30 Tex. Admin. Code § 101.222 [30 Tex. Admin. Code §§ 116.115(c) and 122.143(4), New Source Review Permit No. 6105, Special Conditions No. 1, Federal Operating Permit No. O2943, General Terms and Conditions and Special Terms and Conditions No. 25, and Tex. Health & Safety Code § 382.085(b)].

Corrective Actions/Technical Requirements

Corrective Action(s) Completed:

The Respondent implemented the following corrective measures in order to prevent the recurrence of emissions events due to the same or similar causes as Incident No. 368014 by January 15, 2022:

- a. Replacing the failed O-ring;
- b. Configuring an interlock in the basic process control system to close the Reboiler Steam Control Valve at a pressure approximately 80 percent below the Tower Pressure Safety Valve set point; and
- c. Improving the Preventative Maintenance scope to increase the probability of identifying O-ring failure by replacing them in accordance with the Class A Repair procedures.

Technical Requirements:

The Order will require the Respondent to implement and complete a SEP (see SEP Attachment A).

Executive Summary - Enforcement Matter - Case No. 62066 OQ Chemicals Corporation RN105195655 Docket No. 2022-0284-AIR-E

Contact Information

TCEQ Attorney: N/A

TCEQ Enforcement Coordinator: Yuliya Dunaway, Enforcement Division, Enforcement Team 2, MC R-13, (210) 403-4077; Michael Parrish, Enforcement Division, MC 219, (512) 239-2548

TCEQ SEP Coordinator: Stuart Beckley, SEP Coordinator, Enforcement Division, MC

219, (512) 239-3565

SEP Third-Party Administrator: Texas PTA, 408 West 11th Street, Austin, Texas 78701 **Respondent:** Fred Gaytan, Vice President of Operations, OQ Chemicals Corporation,

P.O. Box 1141, Bay City, Texas 77414

Respondent's Attorney: N/A



Penalty Calculation Worksheet (PCW)

Policy Revision 5 (January 28, 2021) PCW Revision February 11, 2021

DATES Assigned 8-Mar-2022
PCW 13-May-2022 Screening 8-Mar-2022 EPA Due

RESPONDENT/FACILITY INFORMATION
Respondent
Reg. Ent. Ref. No.
Facility/Site Region 12-Houston Major/Minor Source Major

CASE INFORMATION

Enf./Case ID No. 62066
Docket No. 2022-0284-AIR-E
Media Program(s) Air
Multi-Media

Multi-Media

Admin. Penalty \$ Limit Minimum \$0 Maximum

No. of Violations 1
Order Type 1660
Government/Non-Profit Enf. Coordinator Yuliya Dunaway Enforcement Team 4

Penalty Calculation Section **TOTAL BASE PENALTY (Sum of violation base penalties)** \$7,500 Subtotal 1 ADJUSTMENTS (+/-) TO SUBTOTAL 1 Subtotals 2-7 are obtained by multiplying the Total Base Penalty (Subtotal 1) by the indicated percentage. **Compliance History** 52.0% Adjustment Subtotals 2, 3, & 7 \$3,900 Enhancement for one NOV with same/similar violations, two NOVs with dissimilar violations, one order containing a denial of liability, and one Notes order without a denial of liability. Reduction for one disclosure of violations. Culpability No Subtotal 4 \$0 **0.0%** Enhancement Notes The Respondent does not meet the culpability criteria. **Good Faith Effort to Comply Total Adjustments** Subtotal 5 -\$1,875 **Economic Benefit** 0.0% Enhancement* Subtotal 6 \$0 Total EB Amounts Capped at the Total EB \$ Amount \$137 Estimated Cost of Compliance \$10,000 **SUM OF SUBTOTALS 1-7** \$9,525 Final Subtotal OTHER FACTORS AS JUSTICE MAY REQUIRE 0.0% Adjustment \$0 Reduces or enhances the Final Subtotal by the indicated percentage. Notes Final Penalty Amount \$9,525 STATUTORY LIMIT ADJUSTMENT Final Assessed Penalty \$9,525 **DEFERRAL** 20.0% -\$1,905 Reduction Adjustment Reduces the Final Assessed Penalty by the indicated percentage. Notes Deferral offered for expedited settlement. **PAYABLE PENALTY** \$7,620 Screening Date 8-Mar-2022

Docket No. 2022-0284-AIR-E

Policy Revision 5 (January 28, 2021) PCW Revision February 11, 2021

Respondent OQ Chemicals Corporation

Case ID No. 62066

Reg. Ent. Reference No. RN105195655

Media Air

Enf. Coordinator Yuliya Dunaway

	Component	ory <i>Site</i> Enhancement (Subtotal 2) Number of	Number	Adjust.		
	NOVs	Written notices of violation ("NOVs") with same or similar violations as those in the current enforcement action (<i>number of NOVs meeting criteria</i>)	1	5%		
		Other written NOVs	2	4%		
		Any agreed final enforcement orders containing a denial of liability (number of orders meeting criteria)	1	20%		
	Orders	Any adjudicated final enforcement orders, agreed final enforcement orders without a denial of liability, or default orders of this state or the federal government, or any final prohibitory emergency orders issued by the commission	1	25%		
•	Judgments and Consent Decrees	Any non-adjudicated final court judgments or consent decrees containing a denial of liability of this state or the federal government (number of judgments or consent decrees meeting criteria)	0	0%		
		Any adjudicated final court judgments and default judgments, or non-adjudicated final court judgments or consent decrees without a denial of liability, of this state or the federal government	0	0%		
	Convictions	Any criminal convictions of this state or the federal government (<i>number of counts</i>)	0	0%		
	Emissions	Chronic excessive emissions events (number of events)	0	0%		
	Audits	Letters notifying the executive director of an intended audit conducted under the Texas Environmental, Health, and Safety Audit Privilege Act, 74th Legislature, 1995 (number of audits for which notices were submitted)	0	0%		
	Addits	Disclosures of violations under the Texas Environmental, Health, and Safety Audit Privilege Act, 74th Legislature, 1995 (number of audits for which violations were disclosed)	1	-2%		
		Environmental management systems in place for one year or more	No	0%		
	Other	Voluntary on-site compliance assessments conducted by the executive director under a special assistance program	No	0%		
	Gener	Participation in a voluntary pollution reduction program	No	0%		
		Early compliance with, or offer of a product that meets future state or federal government environmental requirements	No	0%		
		Adjustment Pero	centage (Sul	btotal 2)		
Re	peat Violator	(Subtotal 3)				
	No Adjustment Percentage (Subtotal 3)					
Co	ompliance History Person Classification (Subtotal 7)					
	Satisfactory Performer Adjustment Percentage (Subtotal 7)					
Co	mpliance Hist	ory Summary				
Compliance History Notes Enhancement for one NOV with same/similar violations, two NOVs with dissimilar violations, one order containing a denial of liability, and one order without a denial of liability. Reduction for one disclosure of violations.						

>> Final Compliance History Adjustment

Final Adjustment Percentage *capped at 100% 52%

	E	conomic	Benefit	Wor	ksheet		
Respondent		Corporation					
Case ID No.							
Reg. Ent. Reference No.							
Media						Percent Interest	Years of
Violation No.	1						Depreciation
						5.0	15
	Item Cost	Date Required	Final Date	Yrs	Interest Saved	Costs Saved	EB Amount
Item Description							
Doloved Cooks							
Delayed Costs Equipment		1		0.00	\$0	\$0	\$0
Buildings				0.00	\$0	\$0	\$0
Other (as needed)				0.00	\$0	\$0	\$0
Engineering/Construction				0.00	\$0	\$0	\$0
Land				0.00	\$0	n/a	\$0
Record Keeping System				0.00	\$0	n/a	\$0
Training/Sampling				0.00	\$0	n/a	\$0
Remediation/Disposal				0.00	\$0	n/a	\$0
Permit Costs	+10.000	7.0 . 2021	45.1 2022	0.00	\$0	n/a	\$0
Other (as needed)	\$10,000	7-Oct-2021	15-Jan-2022	0.27	\$137	n/a	\$137
Notes for DELAYED costs	Estimated cost to replace the failed O-ring, configure an interlock in the basic process control system to close the Reboiler Steam Control Valve at a pressure approximately 80 percent below the Tower Pressure Safety Valve set point, and improve the Preventative Maintenance scope to increase the probability of identifying O-ring failure by replacing them in accordance with the Class A Repair procedures in order to prevent the recurrence of emissions events due to the same or similar causes as Incident No. 368014. The Date Required is the date the emissions event occurred and the Final Date is the date of compliance.				ower Pressure probability of es in order to 0. 368014. The		
Avoided Costs	ANNU	ALIZE avoided c	osts before er	tering	item (except for	one-time avoided	l costs)
Disposal				0.00	\$0	\$0	\$0
Personnel				0.00	\$0	\$0	\$0
Inspection/Reporting/Sampling				0.00	\$0	\$0	\$0
Supplies/Equipment				0.00	\$0	\$0	\$0
Financial Assurance				0.00	\$0	\$0	\$0
ONE-TIME avoided costs				0.00	\$0	\$0	\$0
Other (as needed)				0.00	\$0	\$0	\$0
Notes for AVOIDED costs							
Approx. Cost of Compliance		\$10,000			TOTAL		\$137



Compliance History Report

Compliance History Report for CN603164716, RN105195655, Rating Year 2021 which includes Compliance History (CH) components from September 1, 2016, through August 31, 2021.

Customer, Respondent, CN603164716, OQ Chemicals Corporation Classification: SATISFACTORY Rating: 1.61

or Owner/Operator:

RN105195655, OQ CHEMICALS BAY CITY Classification: SATISFACTORY Rating: 1.61 Regulated Entity:

PLANT

Complexity Points: Repeat Violator: NO

CH Group: 05 - Chemical Manufacturing

Location: 2001 FM 3057, BAY CITY, MATAGORDA COUNTY, TX

TCEQ Region: **REGION 12 - HOUSTON**

ID Number(s):

AIR OPERATING PERMITS ACCOUNT NUMBER MHA002B **AIR OPERATING PERMITS PERMIT 2943**

PUBLIC WATER SYSTEM/SUPPLY REGISTRATION **AIR NEW SOURCE PERMITS PERMIT 25299**

1610055 **AIR NEW SOURCE PERMITS PERMIT 5546**

AIR NEW SOURCE PERMITS PERMIT 6105 AIR NEW SOURCE PERMITS PERMIT 2175 AIR NEW SOURCE PERMITS REGISTRATION 82500

AIR NEW SOURCE PERMITS ACCOUNT NUMBER MHA002B **AIR NEW SOURCE PERMITS REGISTRATION 83278**

AIR NEW SOURCE PERMITS REGISTRATION 91133 AIR NEW SOURCE PERMITS REGISTRATION 85516 AIR NEW SOURCE PERMITS AFS NUM 4832100074 **AIR NEW SOURCE PERMITS REGISTRATION 91134**

AIR NEW SOURCE PERMITS REGISTRATION 92863 AIR NEW SOURCE PERMITS REGISTRATION 97091 AIR NEW SOURCE PERMITS PERMIT 118403 AIR NEW SOURCE PERMITS EPA PERMIT PSDTX1400

AIR NEW SOURCE PERMITS REGISTRATION 150197 AIR NEW SOURCE PERMITS REGISTRATION 166708 AIR NEW SOURCE PERMITS REGISTRATION 144023 AIR NEW SOURCE PERMITS REGISTRATION 84782

AIR NEW SOURCE PERMITS REGISTRATION 84776 IHW CORRECTIVE ACTION SOLID WASTE REGISTRATION

(SWR) 50398 **UNDERGROUND INJECTION CONTROL PERMIT WDW463 UNDERGROUND INJECTION CONTROL PERMIT WDW464**

STORMWATER PERMIT TXR05V929 WASTEWATER PERMIT WQ0000455000 **WASTEWATER EPA ID TX0006017** AIR EMISSIONS INVENTORY ACCOUNT NUMBER

MHA002B

POLLUTION PREVENTION PLANNING ID NUMBER INDUSTRIAL AND HAZARDOUS WASTE SOLID WASTE

P07184 REGISTRATION # (SWR) 50398

INDUSTRIAL AND HAZARDOUS WASTE EPA ID **INDUSTRIAL AND HAZARDOUS WASTE PERMIT 50398** TXR000077784

TAX RELIEF ID NUMBER 22678 TAX RELIEF ID NUMBER 22676 TAX RELIEF ID NUMBER 22679

TAX RELIEF ID NUMBER 22677

TAX RELIEF ID NUMBER 22680

Compliance History Period: September 01, 2016 to August 31, 2021 **Rating Date:** 09/01/2021 Rating Year: 2021

Date Compliance History Report Prepared: March 08, 2022

Agency Decision Requiring Compliance History: Enforcement Component Period Selected: March 08, 2017 to March 08, 2022

TCEQ Staff Member to Contact for Additional Information Regarding This Compliance History.

Name: Yuliya Dunaway **Phone:** (210) 403-4077

Site and Owner/Operator History:

1) Has the site been in existence and/or operation for the full five year compliance period? YES NO

2) Has there been a (known) change in ownership/operator of the site during the compliance period?

Components (Multimedia) for the Site Are Listed in Sections A - J

A. Final Orders, court judgments, and consent decrees:

1 Effective Date: 08/18/2020 ADMINORDER 2020-0354-AIR-E (1660 Order-Agreed Order With Denial) Classification: Minor

Citation: 30 TAC Chapter 122, SubChapter B 122.143(4)

30 TAC Chapter 122, SubChapter B 122.146(2)

5C THSC Chapter 382 382.085(b)

Rqmt Prov: FOP No. O2943 GTC and STC No. 29 OP

General Terms & Conditions OP

Description: Failure to submit a Permit Compliance Certification (PCC) within 30 days of the end of certification period

(Category A12(i)(7)). Classification: Minor

Citation: 30 TAC Chapter 101, SubChapter A 101.20(3)

30 TAC Chapter 116, SubChapter B 116.115(c) 30 TAC Chapter 122, SubChapter B 122.143(4)

5C THSC Chapter 382 382.085(b)

Rqmt Prov: Special Condition 10(F) PERMIT

Special Term & Condition 25 OP

Description: Failure to collect a total dissolved solid (TDS) sample on a weekly basis (Category C1).

Classification: Minor

Citation: 30 TAC Chapter 122, SubChapter B 122.143(4)

30 TAC Chapter 122, SubChapter B 122.145(2)(A)

5C THSC Chapter 382 382.085(b)

Rqmt Prov: General Terms & Conditions OP

Description: Failure to report all instances of deviation (Category B3).

2 Effective Date: 12/21/2021 ADMINORDER 2020-1582-AIR-E (Findings Order-Agreed Order Without Denial)

Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)

30 TAC Chapter 122, SubChapter B 122.143(4)

5C THSC Chapter 382 382.085(b)

Rqmt Prov: FOP, Special Term & Condition 25 OP

NSR, Special Condition 3 PERMIT

Description: Failure to prevent exceedance of the concentration limits for Boiler 8 (EPN: 302M3069).

B. Criminal convictions:

N/A

C. Chronic excessive emissions events:

N/A

D. The approval dates of investigations (CCEDS Inv. Track. No.):

Item 1	April 04, 2017	(1390326)
Item 2	July 31, 2017	(1417490)
Item 3	March 09, 2018	(1464925)
Item 4	February 18, 2020	(1597716)
Item 5	April 06, 2021	(1708058)
Item 6	July 22, 2021	(1739070)
Item 7	December 13, 2021	(1771222)
Item 8	February 22, 2022	(1795294)

E. Written notices of violations (NOV) (CCEDS Inv. Track. No.):

A notice of violation represents a written allegation of a violation of a specific regulatory requirement from the commission to a regulated entity. A notice of violation is not a final enforcement action, nor proof that a violation has actually occurred.

1 Date: 07/27/2021 (1746877)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 290, SubChapter D 290.46(f)(2)

Description: Failure to provide public water system's operating records for review during

inspection.

2 Date: 10/01/2021 (1762471)

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 290, SubChapter D 290.46(f)(2)

Description: Failure to provide public water system's operating records for review during

inspection.

Self Report? NO Classification: Moderate

30 TAC Chapter 290, SubChapter D 290.46(m)(4) Citation:

Description: Failure to maintain the water treatment units, storage and pressure maintenance

facilities, distribution system lines, and related appurtenances in good condition

and watertight condition.

3 Date: 02/28/2022 (1775564)

> Self Report? NO Classification: Moderate

30 TAC Chapter 116, SubChapter B 116.115(c) Citation:

30 TAC Chapter 122, SubChapter B 122.143(4)

5C THSC Chapter 382 382.085(b) Special Condition 1 PERMIT Special Term and Condition 25 OP

Failure to prevent exceedance of the Maximum Allowable Emission Rate (MAER) Description:

for Boiler 5 (EPN: 302M331).

Self Report? NO Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c) 30 TAC Chapter 122, SubChapter B 122.143(4)

5C THSC Chapter 382 382.085(b) Special Condition 1 PERMIT Special Term and Condition 25 OP

Description: Failure to prevent exceedance of the Maximum Allowable Emission Rate (MAER)

for Boiler 9 (EPN: 302M3077).

Self Report? Classification: Moderate

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)

30 TAC Chapter 122, SubChapter B 122.143(4)

5C THSC Chapter 382 382.085(b) Special Condition 3 PERMIT Special Term and Condition 25 OP

Description: Failure to prevent exceedance of the concentration limits for Boiler 8 (EPN:

302M3069).

Self Report? NO Moderate Classification:

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c) 30 TAC Chapter 122, SubChapter B 122.143(4)

5C THSC Chapter 382 382.085(b) Special Condition 3 PERMIT Special Term and Condition 25 OP

Description: Failure to prevent exceedance of the concentration limits for Boiler 9 (EPN:

302M3077).

Self Report? NO

Classification: Minor

30 TAC Chapter 116, SubChapter B 116.115(c) Citation:

30 TAC Chapter 122, SubChapter B 122.143(4)

5C THSC Chapter 382 382.085(b) Special Condition 7(D)(4) PERMIT Special Term and Condition 25 OP

Description: Failure to maintain steam load of Boiler 5 (EPN: 302M331) greater than 40% of

the maximum rated load.

F. Environmental audits:

Notice of Intent Date: 12/12/2016 (1382457)

06/30/2017 Disclosure Date:

Viol. Classification: Minor

Citation: 30 TAC Chapter 116, SubChapter B 116.115(c)

30 TAC Chapter 122, SubChapter B 122.143(4)

40 CFR Part 60, Subpart VV 60.482-6

40 CFR Chapter 63, SubChapter C, PT 63, SubPT UU 63.1033

Rqmt Prov: PERMIT SC 17E

PERMIT SC 18E PERMIT SC 3C PERMIT SC 4B OP STC 1 OP STC 25

Description: The audit revealed open-ended lines (OELs) in VOC service that were not equipped with a cap, blind flange,

plug, or a second valve.

Viol. Classification: Minor

30 TAC Chapter 116, SubChapter B 116.115(c) Citation:

30 TAC Chapter 122, SubChapter B 122.143(4)

40 CFR Chapter 60, SubChapter C, PT 60, SubPT VV 60.480

Rqmt Prov: PERMIT SC 11

PERMIT SC 17
PERMIT SC 18
PERMIT SC 3C
PERMIT SC 4B
PERMIT SC 9
OP STC 1
OP STC 25

Description: The audit discovered fugitive components for which leak detection and repair monitoring was not being

conducted.

OP STC 7

Viol. Classification: Minor

Citation: 30 TAC Chapter 122, SubChapter B 122.143(4)

40 CFR Chapter 61, SubChapter C, PT 61, SubPT FF 61.340

Rgmt Prov: PERMIT SC 11

PERMIT SC 17
PERMIT SC 18
PERMIT SC 3.C.
PERMIT SC 4.B.
PERMIT SC 9
OP STC 1
OP STC 25
OP STC 7

Description: It was discovered that fugitive components that are tagged and in the fugitive component database do not

have all applicable permit and federal rule requirements identified in the database, which has resulted in

some work practice standards and reporting criteria not being met.

Viol. Classification: Minor

Citation: 30 TAC Chapter 122, SubChapter B 122.143(4)

40 CFR Chapter 61, SubChapter C, PT 61, SubPT FF 61.356(e)(1)

40 CFR Chapter 61, SubChapter C, PT 61, SubPT FF 61.356(f)

Rgmt Prov: OP STC 7

Description: Failed to maintain signed and dated statement that Boiler No. 8 and Boiler No. 9 are designed to operate at

the documented performance level when the entering waste stream is at the highest waste stream flow rate

and the highest benzene content expected to occur.

Viol. Classification: Minor

Citation: 30 TAC Chapter 122, SubChapter B 122.143(4)

40 CFR Chapter 61, SubChapter C, PT 61, SubPT FF 61.345(a)

Rqmt Prov: OP STC 8

Description: Failure to ensure that all applicable standards in 40 CFR 61.345 are met for each container in which waste

is placed in accordance with 40 CFR 61.342(c)(1)(ii).

Viol. Classification: Minor

Citation: 30 TAC Chapter 122, SubChapter B 122.143(4)

40 CFR Chapter 61, SubChapter C, PT 61, SubPT FF 61.342(f)(2)

40 CFR Chapter 61, SubChapter C, PT 61, SubPT FF 61.356(c)

Rgmt Prov: OP STC 7

Description: Failed to include with each off-site waste shipment a notice stating that the waste contains benzene and is

required to be managed and treated in accordance with the provisions of 40 CFR Part 61, Subpart FF, and

failed to maintain a copy of such notice in the site's records.

Viol. Classification: Minor

Citation: 30 TAC Chapter 122, SubChapter B 122.143(4)

40 CFR Chapter 61, SubChapter C, PT 61, SubPT FF 61.346(b)(4)(iv)

Rqmt Prov: OP STC 9;

Description: Failed to visually inspect above ground sewer lines that transport wastewater from Celanese to the site on a

quarterly basis using Method 21 for indication of cracks, gaps, or other problems that could result in

benzene emissions.

G. Type of environmental management systems (EMSs):

N/A

H. Voluntary on-site compliance assessment dates:

N/A

I. Participation in a voluntary pollution reduction program:

N/A

J. Early compliance:

N/A

Sites Outside of Texas:

N/A

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY



IN THE MATTER OF AN \$ BEFORE THE
ENFORCEMENT ACTION \$
CONCERNING \$ TEXAS COMMISSION ON
OQ CHEMICALS CORPORATION \$
RN105195655 \$ ENVIRONMENTAL QUALITY

AGREED ORDER DOCKET NO. 2022-0284-AIR-E

I. JURISDICTION AND STIPULATIONS

On	, the Texas Commission on Environmental Quality ("the
Commission" or "TCEQ") con-	sidered this agreement of the parties, resolving an enforcement
action regarding OQ Chemica	als Corporation (the "Respondent") under the authority of TEX.
HEALTH & SAFETY CODE ch. 382	and Tex. Water Code ch. 7. The Executive Director of the TCEQ,
through the Enforcement Div	rision, and the Respondent together stipulate that:

- 1. The Respondent owns and operates an organic chemical manufacturing plant located at 2001 Farm-to-Market Road 3057 near Bay City, Matagorda County, Texas (the "Plant"). The Plant consists or consisted of one or more sources as defined in Tex. Health & Safety Code § 382.003(12).
- 2. The Executive Director and the Respondent agree that the TCEQ has jurisdiction to enter this Order pursuant to Tex. Water Code §§ 7.002, 7.051, and 7.073, and that the Respondent is subject to TCEQ's jurisdiction. The TCEQ has jurisdiction in this matter pursuant to Tex. Water Code § 5.013 because it alleges violations of Tex. Health & Safety Code ch. 382 and the rules of the TCEQ.
- 3. The occurrence of any violation is in dispute and the entry of this Order shall not constitute an admission by the Respondent of any violation alleged in Section II ("Allegations"), nor of any statute or rule.
- 4. An administrative penalty in the amount of \$9,525 is assessed by the Commission in settlement of the violations alleged in Section II ("Allegations"). The Respondent paid \$3,810 of the penalty and \$1,905 of the penalty is deferred contingent upon the Respondent's timely and satisfactory compliance with all the terms of this Order and shall be waived only upon full compliance with all the terms and conditions of this Order. If the Respondent fails to timely and satisfactorily comply with any of the terms and conditions contained in this Order, the Executive Director may demand payment of all or part of the deferred penalty amount.

Pursuant to Tex. Water Code § 7.067, \$3,810 of the penalty shall be conditionally offset by the Respondent's timely and satisfactory completion of a Supplemental Environmental Project ("SEP") as defined in the attached SEP Agreement ("Attachment A", incorporated herein by reference). The Respondent's obligation to pay the conditionally offset portion of the penalty shall be discharged upon full compliance with all the terms

- and conditions of this Order, which includes the timely and satisfactory completion of all provisions of the SEP Agreement, as determined by the Executive Director.
- 5. The Executive Director and the Respondent agree on a settlement of the matters alleged in this enforcement action, subject to final approval in accordance with 30 Tex. ADMIN. CODE § 70.10(a). Any notice and procedures, which might otherwise be authorized or required in this action, are waived in the interest of a more timely resolution of the matter.
- 6. The Executive Director may, without further notice or hearing, refer this matter to the Office of the Attorney General of the State of Texas ("OAG") for further enforcement proceedings if the Executive Director determines that the Respondent has not complied with one or more of the terms or conditions in this Order.
- 7. This Order represents the complete and fully-integrated agreement of the parties. The provisions of this Order are deemed severable and, if a court of competent jurisdiction or other appropriate authority deems any provision of this Order unenforceable, the remaining provisions shall be valid and enforceable.
- 8. This Order shall terminate five years from its effective date or upon compliance with all the terms and conditions set forth in this Order, whichever is later.
- 9. The Executive Director recognizes that the Respondent implemented the following corrective measures at the Plant in order to prevent the recurrence of emissions events due to the same or similar causes as Incident No. 368014 by January 15, 2022:
 - a. By replacing the failed O-ring:
 - b. By configuring an interlock in the basic process control system to close the Reboiler Steam Control Valve at a pressure approximately 80 percent below the Tower Pressure Safety Valve set point; and
 - c. By improving the Preventative Maintenance scope to increase the probability of identifying O-ring failure by replacing them in accordance with the Class A Repair procedures.

II. ALLEGATIONS

During a record review conducted from October 21, 2021 through February 4, 2022, an investigator documented that the Respondent failed to prevent unauthorized emissions, in violation of 30 Tex. Admin. Code §§ 116.115(c) and 122.143(4), New Source Review Permit No. 6105, Special Conditions No. 1, Federal Operating Permit No. O2943, General Terms and Conditions and Special Terms and Conditions No. 25, and Tex. Health & Safety Code § 382.085(b). Specifically, the Respondent released 2,698.00 pounds of volatile organic compounds as fugitive emissions, during an emissions event (Incident No. 368014) that occurred on October 7, 2021 and lasted 15 minutes. The emissions event occurred when the Oring failed that caused the actuator for Shutdown Valve SDV-7233 to not function as expected, resulting in the release to the atmosphere. Since the emissions event was not caused by a sudden unavoidable breakdown of equipment or process beyond the control of the owner or operator and could have been avoided by better design and/or better operational and maintenance practices, the Respondent is precluded from asserting an affirmative defense under 30 Tex. Admin. Code § 101.222.

III. DENIALS

The Respondent generally denies each allegation in Section II ("Allegations").

IV. ORDERING PROVISIONS

NOW, THEREFORE, THE TEXAS COMMISSION ON ENVIRONMENTAL QUALITY ORDERS that:

1. The Respondent is assessed a penalty as set forth in Section I, Paragraph No. 4. The payment of this penalty and the Respondent's compliance with all of the requirements set forth in this Order resolve only the allegations in Section II. The Commission shall not be constrained in any manner from requiring corrective action or penalties for violations which are not raised here. Penalty payments shall be made payable to "TCEQ" and shall be sent with the notation "Re: OQ Chemicals Corporation, Docket No. 2022-0284-AIR-E" to:

Financial Administration Division, Revenue Operations Section Attention: Cashier's Office, MC 214 Texas Commission on Environmental Quality P.O. Box 13088 Austin, Texas 78711-3088

- 2. The Respondent shall implement and complete a SEP as set forth in Section I, Paragraph No. 4. The amount of \$3,810 of the assessed penalty is conditionally offset based on the Respondent's implementation and completion of the SEP pursuant to the terms of the SEP Agreement, as defined in Attachment A. Penalty payments for any portion of the SEP deemed by the Executive Director as not complete shall be paid within 30 days after the date the Executive Director demands payment.
- 3. All relief not expressly granted in this Order is denied.
- 4. The duties and provisions imposed by this Order shall apply to and be binding upon the Respondent. The Respondent is ordered to give notice of this Order to personnel who maintain day-to-day control over the Plant operations referenced in this Order.
- 5. If the Respondent fails to comply with any of the Ordering Provisions in this Order within the prescribed schedules, and that failure is caused solely by an act of God, war, strike, riot, or other catastrophe, the Respondent's failure to comply is not a violation of this Order. The Respondent shall have the burden of establishing to the Executive Director's satisfaction that such an event has occurred. The Respondent shall notify the Executive Director within seven days after the Respondent becomes aware of a delaying event and shall take all reasonable measures to mitigate and minimize any delay.
- 6. The Executive Director may grant an extension of any deadline in this Order or in any plan, report, or other document submitted pursuant to this Order, upon a written and substantiated showing of good cause. All requests for extensions by the Respondent shall be made in writing to the Executive Director. Extensions are not effective until the Respondent receives written approval from the Executive Director. The determination of what constitutes good cause rests solely with the Executive Director.
- 7. This Order, issued by the Commission, shall not be admissible against the Respondent in a civil proceeding, unless the proceeding is brought by the OAG to: (1) enforce the

OQ Chemicals Corporation DOCKET NO. 2022-0284-AIR-E Page 4

terms of this Order; or (2) pursue violations of a statute within the Commission's jurisdiction, or of a rule adopted or an order or permit issued by the Commission under such a statute.

- 8. This Order may be executed in separate and multiple counterparts, which together shall constitute a single instrument. Any page of this Order may be copied, scanned, digitized, converted to electronic portable document format ("pdf"), or otherwise reproduced and may be transmitted by digital or electronic transmission, including but not limited to facsimile transmission and electronic mail. Any signature affixed to this Order shall constitute an original signature for all purposes and may be used, filed, substituted, or issued for any purpose for which an original signature could be used. The term "signature" shall include manual signatures and true and accurate reproductions of manual signatures created, executed, endorsed, adopted, or authorized by the person or persons to whom the signatures are attributable. Signatures may be copied or reproduced digitally, electronically, by photocopying, engraving, imprinting, lithographing, electronic mail, facsimile transmission, stamping, or any other means or process which the Executive Director deems acceptable. In this paragraph exclusively, the terms: electronic transmission, owner, person, writing, and written, shall have the meanings assigned to them under Tex. Bus. Org. Code § 1.002.
- 9. The effective date of this Order is the date it is signed by the Commission. A copy of this fully executed Order shall be provided to each of the parties.

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SIGNATURE PAGE

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY	
For the Commission	 Date
Custo	11/7/2022
For the Executive Director	Date
I, the undersigned, have read and understand the atta the attached Order, and I do agree to the terms and co acknowledge that the TCEQ, in accepting payment for on such representation.	onditions specified therein. I further
I also understand that failure to comply with the Ordo and/or failure to timely pay the penalty amount, may	
 A negative impact on compliance history; Greater scrutiny of any permit applications substracted and of this case to the OAG for contempt, in and/or attorney fees, or to a collection agency; Increased penalties in any future enforcement a Automatic referral to the OAG of any future enforcement. TCEQ seeking other relief as authorized by law. 	ajunctive relief, additional penalties, ctions;
In addition, any falsification of any compliance docum	nents may result in criminal prosecution.
Full Layter Signature	
FREID GAY PAN Name (Printed or typed)	VP OF OSERATUNE N.A. Title

Authorized Representative of

OQ Chemicals Corporation

☐ *If mailing address has changed, please check this box and provide the new address below:*

Attachment A

Docket Number: 2022-0284-AIR-E

SUPPLEMENTAL ENVIRONMENTAL PROJECT

Respondent:	OQ Chemicals Corporation		
Payable Penalty Amount:	\$7,620		
SEP Offset Amount:	\$3,810		
Type of SEP:	Contribution to a Third-Party Pre-Approved SEP		
Third-Party Administrator:	Texas Congress of Parents and Teachers dba Texas PTA		
Project Name:	Texas PTA Clean School Bus Replacement Program		
Location of SEP:	Texas Air Quality Control Region 216: Houston-Galveston - Preference for Matagorda County		

The Texas Commission on Environmental Quality ("TCEQ") agrees to offset a portion of the administrative penalty amount assessed in this Agreed Order for the Respondent to contribute to a Supplemental Environmental Project ("SEP"). The SEP Offset Amount is set forth above and such offset is conditioned upon completion of the project in accordance with the terms of this Attachment A.

1. Project Description

a. Project

The Respondent shall contribute the SEP Offset Amount to the Third-Party Administrator named above. The contribution will be to the **Texas Congress of Parents and Teachers dba Texas PTA** for the *Texas PTA Clean School Bus Replacement Program*. The contribution will be used in accordance with the SEP between the Third-Party Administrator and the TCEQ (the "Project"). Specifically, the contribution will be used to reduce nitrogen oxides, volatile organic compounds, carbon monoxide, and particulate matter emissions by replacing older diesel buses with newer buses that meet more stringent emission standards. The Third-Party Administrator shall use the SEP Offset Amount for up to 100% of the purchase price of a model year 2010 or newer bus to replace a diesel school bus that is model year 2002 or older. The SEP will be done in accordance with all federal, state, and local environmental laws and regulations.

All dollars contributed will be used solely for the direct cost of the Project, including but not limited to supplies, materials, and equipment. Any portion of this contribution that is not spent on the specifically identified SEP may, at the discretion of the Executive Director ("ED"), be applied to another pre-approved SEP.

The Respondent's signature affixed to this Agreed Order certifies that it has no prior commitment to make this contribution and that it is being contributed solely to settle this enforcement action. The Respondent shall not profit in any manner from this SEP.

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b. Environmental Benefit

This SEP will directly benefit air quality by reducing harmful exhaust emissions which contribute to the formation of ozone and may cause or exacerbate many respiratory diseases, including asthma. In addition, by encouraging less school bus idling, this SEP contributes to public awareness of environmental matters.

c. Minimum Expenditure

The Respondent shall contribute at least the SEP Offset Amount to the Third-Party Administrator and comply with all other provisions of this SEP.

2. Performance Schedule

Within 30 days after the effective date of this Agreed Order, the Respondent must contribute the SEP Offset Amount to the Third-Party Administrator. The Respondent shall make the check payable to **Texas Congress of Parents and Teachers SEP** and shall mail the contribution with a copy of the Agreed Order to:

Texas PTA 408 West 11th Street Austin, Texas 78701

3. Records and Reporting

Concurrent with the payment of the SEP Offset Amount, the Respondent shall provide the Enforcement Division SEP Coordinator with a copy of the check and transmittal letter indicating full payment of the SEP Offset Amount due to the Third-Party Administrator. The Respondent shall mail a copy of the check and transmittal letter to:

Texas Commission on Environmental Quality Enforcement Division Attention: SEP Coordinator, MC 219 P.O. Box 13087 Austin, Texas 78711-3087

4. Failure to Fully Perform

If the Respondent does not perform its obligations under this Attachment A, including full expenditure of the SEP Offset Amount and submittal of the required reporting described in Sections 2 and 3 above, the ED may require immediate payment of all or part of the SEP Offset Amount.

In the event the ED determines that the Respondent failed to fully implement and complete the Project, the Respondent shall remit payment for all or a portion of the SEP Offset Amount, as determined by the ED, and as set forth in the attached Agreed Order. After receiving notice of failure to complete the SEP, the Respondent shall include the docket number of the attached Agreed Order and a note that the enclosed payment is for the reimbursement of a SEP; shall make the check payable to "Texas Commission on Environmental Quality"; and shall mail it to:

OQ Chemicals Corporation Docket No. 2022-0284-AIR-E Agreed Order - Attachment A

> Texas Commission on Environmental Quality Litigation Division Attention: SEP Coordinator, MC 175 P.O. Box 13087 Austin, Texas 78711-3087

5. Publicity

Any public statements concerning this SEP made by or on behalf of the Respondent, must include a clear statement that **the Project was performed as part of the settlement of an enforcement action brought by the TCEQ**. Such statements include advertising, public relations, and press releases.

6. Recognition

The Respondent may not seek recognition for this contribution in any other state or federal regulatory program.

7. Other SEPs by TCEQ or Other Agencies

The SEP Offset Amount identified in this Agreed Order has not been, and shall not be, included as a SEP for the Respondent under any other Agreed Order negotiated with the TCEQ or any other agency of the state or federal government.