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**Texas Commission on Environmental Quality**  
**Investigation Report**

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**Customer: Oxbow Calcining LLC**  
**Customer Number: CN602552424**

**Regulated Entity Name: OXBOW CALCINING**  
**Regulated Entity Number: RN100209287**

OFFICE TO  
FEB 12 2020  
AUSTIN

**Investigation #** 1624809  
**Investigator:** AYOKUNLE FALADE  
**Conducted:** 01/27/2020 -- 01/27/2020  
**Program(s):** AIR NEW SOURCE PERMITS

**Incident Numbers**  
**Site Classification** MAJOR SOURCE  
**SIC Code:** 2999  
**NAIC Code:** 324199

**Investigation Type:** Site Assessment

**Location:** 3901 COKE DOCK ROAD PORT ARTHUR TX

**Additional ID(s):** JE0040F

**Address:** 3901 COKE DOCK RD,  
PORT ARTHUR, TX , 77640

**Local Unit:** REGION 10 - BEAUMONT  
**Activity Type(s):** AIR RECON - AIR RECON -  
RECONNAISSANCE  
INVESTIGATION

**Principal(s):**

Role	Name
RESPONDENT	OXBOW CALCINING LLC

**Contact(s):**

Role	Title	Name	Phone
REGULATED ENTITY CONTACT	PLANT MANAGER	MR MICHAEL HOLTHAM	Phone (409) 983-8417 Fax (409) 983-8460
REGULATED ENTITY CONTACT	ENVIRONMENTAL ENGINEER	MR ROBERT HILL	Work (561) 701-2119

**Other Staff Member(s):**

Role	Name
Supervisor	PRATIMA SINGH
QA Reviewer	JEANETTE MORRELL
Investigator	JEANETTE MORRELL

RECEIVED

FEB 18 2020

TCEQ  
CENTRAL FILE ROOM

**Associated Check List**

<u>Checklist Name</u>	<u>Unit Name</u>
AIR EQUIPMENT	MULTIRAE LITE 1

**Investigation Comments:**

INTRODUCTION

**OXBOW CALCINING - PORT ARTHUR**

**1/27/2020 Inv. # - 1624809**

**Page 2 of 3**

On January 27, 2020, Mr. Ayo Falade and Ms. Jeanette Morrell, Environmental Investigators with the Beaumont Office of the Texas Commission on Environmental Quality (TCEQ), conducted a visible emissions and odor (VEO) survey of Oxbow Calcining (Oxbow). See Attachment 1 for a copy of the survey checklist. The weather was mostly cloudy, with 2.6 miles per hour winds from the north-northwest and a temperature of 56.6 degrees Fahrenheit (from Continuous Air Monitoring Station C28/A128/A228).

**GENERAL FACILITY AND PROCESS INFORMATION**

Oxbow operates a calcined coke facility. The facility uses four rotary kilns to produce calcined coke from raw coke. The primary product from the Port Arthur facility is calcined coke. A detailed process description can be found in the regulated entity's public files.

**BACKGROUND**

The TCEQ Beaumont Air Program routinely conducts VEO surveys of several companies operating in Jefferson County. The purpose of these VEO surveys is to ensure that emissions, both odorous and visible, are compliant with the Rules and Regulations of the TCEQ. The VEO surveys are conducted in such a way as to maximize the TCEQ presence in the community.

**ADDITIONAL INFORMATION**

During the VEO survey, there were no visible emissions or odors documented by the investigators. No significant readings were detected with the MultiRAE Lite 1 Multi-Gas Monitor.

**ATTACHMENT**

- 1. Port Arthur VEO Checklist

**No Violations Associated to this Investigation**

Signed

*Ayo Falade*

Environmental Investigator

Date 2/5/2020

Signed

*Katerina Singh*

Supervisor

Date 2/6/2020

**Attachments: (in order of final report submittal)**

Enforcement Action Request (EAR)

Letter to Facility (specify type) : \_\_\_\_\_

Investigation Report

Sample Analysis Results

Manifests

Notice of Registration

Maps, Plans, Sketches

Photographs

Correspondence from the facility

Other (specify) :

See page 2 of 3 for attachment

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## Visible Emissions/Odor Survey Checklist (Port Arthur Area) - Revised 11/15/2019

TCEQ

Investigators: Ayo Falade  
Primary Duty (writes reports)1 Jeannette Morrell  
Secondary Duty (Q/As reports)Date: 1/27/2020Start Time: 1110 hrs End Time: 1248 hrs

Regulated Entity	VE	Offensive Intensity	Odor(s)/Emissions Description & Location	Time Duration	PPM M/V/J
Motiva Chemicals RN100217389 JE0135Q <input type="checkbox"/>	N/A	N/A	NO VEO		
Motiva Port Arthur Refinery RN100209451 JE0095D <input type="checkbox"/>	N/A	N/A	NO VEO		
Valero Port Arthur Refinery RN102584026 JE0042B <input type="checkbox"/>	N/A	N/A	NO VEO		
Chevron Phillips Chemical Port Arthur RN100209857 JE0508W <input type="checkbox"/>	N/A	N/A	NO VEO		
Oxbow Calcining RN100209287 JE0040F <input checked="" type="checkbox"/>	N/A	N/A	NO VEO		
KMTEX Properties RN100640283 JE0318G <input type="checkbox"/>	N/A	N/A	NO VEO		
Ecowater Industries RN100594530 No Account # <input type="checkbox"/>	N/A	N/A	NO VEO		

Port Arthur - Groves Area Start Time: 1253 hrs End Time: 1308 hrs

BASF/Sabina NAFTA Region Olefins Complex RN100216977 JE0843F <input type="checkbox"/>	N/A	N/A			
TOTAL Petro Chemicals USA Port Arthur Refinery RN102457520 JE0005H <input type="checkbox"/>	N/A	N/A			

Port Neches - Groves Area Start Time: 1310 hrs End Time: 1325 hrs

Calabrian RN101645018 JE0081O <input type="checkbox"/>	N/A	N/A			
Huntsman Port Neches RN100219252 JE0052V <input type="checkbox"/>	N/A	N/A			
Texas Petrochemical Port Neches Operations RN104964267 JEA007G <input type="checkbox"/>	N/A	N/A			
Lion Elastomers RN100224799 JE0017A <input type="checkbox"/>			Very light styrene		



**Further Comments**

1. The following instrument(s) were used during this VEO Survey (Check the instruments used)

AreaRAE Multi Gas Monitor  
Gas FindIR

MultiRAE Lite Multi-Gas Monitor ✓  
MiniRAE 2000 Photoionization Detector  
MultiRAE Plus Multi Gas Monitor  
QRAE Multi Gas Monitor  
QRAE 2 Multi Gas Monitor

Passivated Stainless Steel Canister(s)  
VRAE Multi Gas Monitor

2. No significant readings were detected at any time during this VEO Survey (Check if correct) OR

A reading of \_\_\_\_\_ PPM of \_\_\_\_\_ was detected at \_\_\_\_\_

**WEATHER CONDITIONS** (Refer to CAMS Data) - [http://rhone.tceq.state.tx.us/cgi-bin/select\\_summary.pl?region10.gif](http://rhone.tceq.state.tx.us/cgi-bin/select_summary.pl?region10.gif)

Port Arthur Area

CAMS Site: C28/A128/A228

Conditions: Cloudy

Temp (EF): 55.6

Wind Direction: North, northwest

Wind Speed (mph): 4

Port Arthur-Groves Area

CAMS Site: A119

Conditions: Cloudy

Temp (EF): 60.5

Wind Direction: South, southeast

Wind Speed (mph): 43

Port Neches-Groves Area

CAMS Site: A136

Conditions: Cloudy

Temp (EF): 56.6

Wind Direction: North, northeast

Wind Speed (mph): 3-8

**ODORS CATEGORIES - FIDO**

No odors leave Offensive/Intensity Box Blank.

Offensiveness: Highly Offensive (HO), Offensive (O), Unpleasant (UP), and Not Unpleasant (NU).

Intensity: Very Strong (VS), Strong (S), Moderate (M), Light (L), and Very Light (VL).