

READ ME File for the 2014 Non-Platform Source Gulfwide Access File

CONTENTS

Section	Page
WHAT IS PROVIDED HERE?	ii
ACRONYMS	ii
INTRODUCTION.....	1
WHAT INVENTORY DATA FILE IS PROVIDED?.....	1
HOW IS THE DATA FILE ORGANIZED?	1
WHAT SOFTWARE DO I NEED TO USE THE DATA FILE?.....	1
HOW CAN I REVIEW OR USE THE FILE?	1
Table	Page
1 Summary of Non-Platform BOEM Records	2

WHAT IS PROVIDED HERE?

The non-platform emission inventory file developed for the 2014 Gulfwide Emission Inventory Study is provided for review and use by BOEM, air quality modelers, State and local agencies, and industry. This READ ME file provides important information integral to your use of the files.

ACRONYMS

BOEM	Bureau of Ocean Energy Management
CH ₄	Methane
CMV	Commercial Marine Vessels
CO	Carbon Monoxide
CO ₂	Carbon Dioxide
CO ₂ E	Carbon Dioxide Equivalent
EPA	Environmental Protection Agency
GAL	Gallon of Fuel
GIS	Geographic Information System
GOM	Gulf of Mexico
kWhr	Kilowatt-hour
NEI	National Emissions Inventory
NH ₃	Ammonia
N ₂ O	Nitrous Oxide
NO _x	Nitrogen Oxides
OCS	Outer Continental Shelf
Pb	Lead
PM ₁₀ -PRI	Primary Particulate Matter 10
PM _{2.5} -PRI	Primary Particulate Matter 2.5
SCC	Source Classification Code
SO ₂	Sulfur Dioxide
VOC	Volatile Organic Compounds

INTRODUCTION

The 2014 Gulfwide emissions inventory for non-platform sources is a comprehensive inventory covering criteria pollutants and greenhouse gases. The Gulfwide inventory was developed by Eastern Research Group, Inc. (ERG), in Morrisville, North Carolina.

The scope of the 2014 Gulfwide Inventory effort was to compile 2014 base year activity data and develop emission estimates for all non-platform sources in Gulf of Mexico on the Outer Continental Shelf (OCS).

WHAT INVENTORY DATA FILE IS PROVIDED?

This file is provided in Microsoft® Access® 2016. The zipped file contains a MS-Access database with one table that includes all non-platform source (monthly) emissions data.

HOW IS THE DATA FILE ORGANIZED?

ERG has used a structure similar to that of the U.S. Environmental Protection Agency's National Emissions Inventory (NEI) database to compile the Gulfwide inventory non-platform file. Table 1 summarizes the structure of the non-platform file provided.

WHAT SOFTWARE DO I NEED TO USE THE DATA FILE?

The file is provided in Microsoft® Access® 2016. MS-Access provides a reliable, commonly used platform which can be used to view and link the files. The file is also formatted for easy linkage into a geographic information system such as ESRI's ArcGIS suite of products.

HOW CAN I REVIEW OR USE THE FILE?

BOEM, air quality modelers, State and local agencies, and industry representatives can review and use this file in a number of ways. Emission estimates can be summarized by non-platform source category, lease block, pollutant, and vessel type. Estimates can also be assessed for specific geographic areas in the Gulf of Mexico on the OCS by mapping lease blocks to the BOEM area of interest.

Table 1. Summary of Non-Platform Records

Month	Month
AC_LAB	Area Code and Lease Block ID combined
SCC	Source Category Classification Code
VesselType	Description that is often more detailed than SCC Code
Pollutant	Pollutant Identification Code
Emissions	Emission Estimate
Emission Units	Tons
Activity	Activity used as basis for emissions
Activity Units	Units for activity (e.g., kWhr, barrels, etc.)