



Florida Department of Environmental Protection

Recent Updates to the Annual Operating Report for Air Pollutant Emitting Facility, Form and Instructions

October 25, 2017





Effective Date

Revisions to DEP Form No. 62-210.900(5), F.A.C.,
Annual Operating Report for Air Pollutant Emitting Facility
[Including Title V Source Emissions Fee Calculation],
Form and Instructions, were effective June 22, 2017.



Decreased Data Reporting

The following annual data reporting requirements were removed:

- Percent of annual operating hours each emissions unit operated **Dec-Feb**
- Percent of annual operating hours each emissions unit operated **Mar-May**
- Percent of annual operating hours each emissions unit operated **Jun-Aug**
- Percent of annual operating hours each emissions unit operated **Sep-Nov**



Decreased Data Reporting

The following annual data reporting requirements were also removed:

- Average Summer Season (Jun-Aug) **hours per day** of Emissions Unit Operation
- Average Summer Season (Jun-Aug) **days per week** of Emissions Unit Operation
- Emissions Unit Source Classification Code (**SCC**) Summer Season (Jun-Aug) **Daily** Process or Fuel Usage Rate



Decreased Data Reporting

Annual data reporting requirements also removed:

- Emissions Unit SCC Nitrogen Oxides (**NOX**) Summer Season (Jun-Aug) Daily Emissions, **pounds per day**
- Emissions Unit SCC **NOX** Summer Season (Jun-Aug) Daily Emissions, **calculation**
- Emissions Unit SCC Volatile Organic Compounds (**VOC**) Summer Season (Jun-Aug) Daily Emissions, **pounds per day**
- Emissions Unit SCC **VOC** Summer Season (Jun-Aug) Daily Emissions, **calculation**



Emissions Reporting Thresholds

The every-3-years reporting threshold was raised for

Total Hazardous Air Pollutants (HAPS), without an emissions limit*,

- from 1000 pounds/year per SCC
- to 2500 pounds/year per SCC.

*As with all reportable pollutants without emissions limits, emissions must be reported only if data is available for estimating emissions.



Emissions Reporting Thresholds

An every-3-years reporting threshold was added for Hydrogen sulfide (H₂S) without an emissions limit in the permit*:

1000 pounds/year per SCC.

*As with all reportable pollutants without emissions limits, emissions must be reported only if data is available for estimating emissions.



Emissions Reporting Thresholds

An every-3-years reporting threshold was added for

- emissions over 1000 pounds/year per SCC for each hazardous air pollutant without an emissions limit*, and
- emissions over 2500 pounds/year per SCC for total hazardous air pollutants without an emissions limit*, from facilities that are *not* determined to be major for hazardous air pollutants.

*As with all reportable pollutants without emissions limits, emissions must be reported only if data is available for estimating emissions.



New Pollutant Codes

New pollutant codes were added to Appendix A of the form instructions to accommodate new federal regulations.

- Carbon Dioxide [**CO2**]
- Carbon Dioxide Equivalents/Greenhouse Gases [**CO2E**]
- Hydrofluorocarbons [**HFCS**]
- Methane [**CH4**]
- Nitrous Oxide [**N2O**]
- Perfluorocarbons [**PFCS**]



New Pollutant Codes

- Halogens, Total [**TH**]
- Halogens and Hydrogen Halides (as defined in CFR) [**HHH**]
- Hydrochloric Acid-Equivalent [**H106E**]
- Hydrocarbons [**HC**]
- Hydrocarbons (Non-Methane) [**NMHC**]
- Hydrocarbons, Total [**THC**]
- Hydrocarbons, Total Equivalents [**THCE**]
- Hydrocarbons, Total Volatile [**TVH**]
- Hydrocarbons plus Nitrogen Oxides [**HC+NOX**]
- Hydrocarbons (Non-Methane) plus Nitrogen Oxides [**NMHC+NOX**]
- Organic Compounds, Nonmethane [**NMOC**]
- Organic Compounds, Total [**TOC**]



Clarification of Particulate Matter Codes

- Particulate Mater, Condensable [**CPM**]
- Particular Matter, Filterable [**PM**]
- PM10, Filterable [**PM10**]
- PM10, Primary (PM10 + CPM) [**PM10-PRI**]
- PM2.5, Filterable [**PM2.5**]
- PM2.5, Primary (PM2.5 + CPM) [**PM2.5-PRI**]

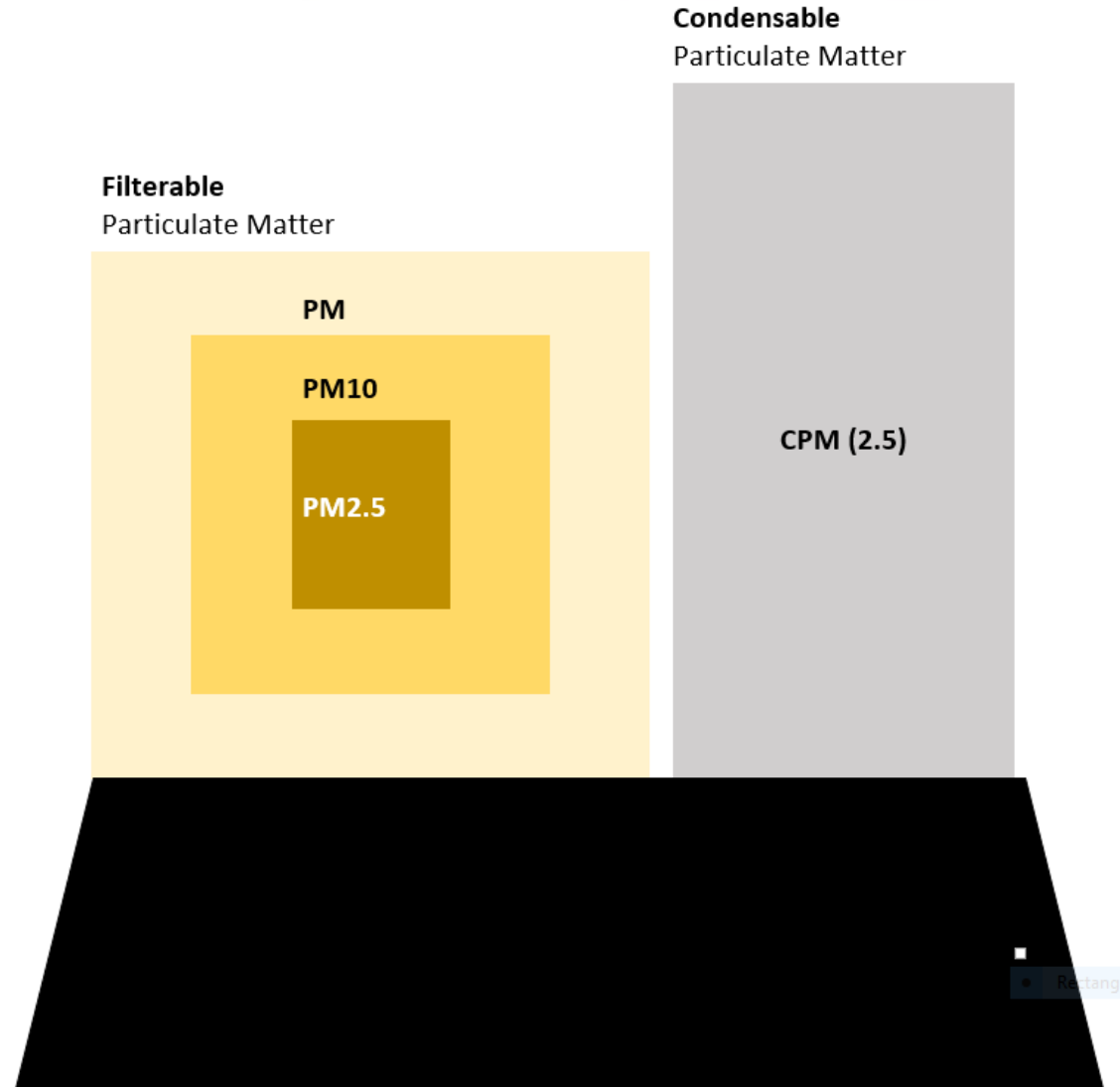


Particulate Matter

- **Primary Particulate Matter = Filterable + Condensable**

PM10, Primary = PM10 + CPM

PM2.5, Primary = PM2.5 + CPM





Hazardous Air Pollutant (HAP) Metals and Metal Compounds

- HAP Metal (emissions of the metal which occur as either the elemental metal or as a chemical compound containing the metal, reported as the mass of the metal atoms only)
- HAP Metal *Compounds* (including the metal and any unique chemical substance that contains the metal as part of that chemical's infrastructure)



Hazardous Air Pollutant (HAP) Metals and Metal Compounds

HAP Metals

- Antimony [**H014A**]
- Arsenic [**H015A**]
- Beryllium [**H021A**]
- Cadmium [**H027A**]
- Chromium [**H046A**]
- Cobalt [**H047A**]
- Cyanide [**H054A**]
- Lead [PB]
- Manganese [**H113A**]
- Mercury [**H114A**]
- Nickel [**H133A**]
- Selenium [**H162A**]

HAP Metal Compounds

- Antimony Compounds [H014]
- Arsenic Compounds [H015]
- Beryllium Compounds [H021]
- Cadmium Compounds [H027]
- Chromium Compounds [H046]
- Cobalt Compounds [H047]
- Cyanide Compounds [H054]
- Lead Compounds [**H110**]
- Manganese Compounds [H113]
- Mercury Compounds [H114]
- Nickel Compounds [H133]
- Selenium Compounds [H162]



Chromium Metal

Chromium occurs in the environment primarily in two valence states:

- Chromium III [**H046III**]
- Chromium VI [**H046VI**]



Chromium III [H046III]

Emissions of chromium which occur either as elemental chromium or as a chemical compound containing chromium, reported as the mass of the **trivalent** chromium atoms only

Example: Chromium(III) Oxide $(\text{Cr}^{+3})_2(\text{O}^{-2})_3$

Percent composition by element

Element	Symbol	Atomic Mass	# of Atoms	Mass Percent
<u>Chromium</u>	Cr	51.9961	2	68.420%
<u>Oxygen</u>	O	15.9994	3	31.580%



Chromium VI [H046VI]

Emissions of chromium which occur either as elemental chromium or as a chemical compound containing chromium, reported as the mass of the **hexavalent** chromium atoms only

Example: Chromium(VI) Fluoride $(\text{Cr}^{+6})(\text{F}^{-1})_6$

Percent composition by element

Element	Symbol	Atomic Mass	# of Atoms	Mass Percent
<u>Chromium</u>	Cr	51.9961	1	31.325%
<u>Fluorine</u>	F	18.9984032	6	68.675%



Questions?

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Florida Department of Environmental Protection

EAOR Training

October 2017
Division of Air Resource Management





Electronic Annual Operating Report (EAOR)

- Purpose of Annual Operating Reports
- EAOR Process: Common Issues
- Resources Available



Purpose

Applications

- Annual trend reports
 - Emissions trading
 - SIP
 - Modeling activities
 - Compliance demonstrations
 - Emissions fees
- For the SIP program, the air emission inventory is a fundamental building block in developing an air quality control and maintenance strategy, and depends on a comprehensive, accurate and current inventory of actual emissions.
- Regulatory agencies rely on emission inventories as indicators of air quality changes, and produce assessments which help guide efforts to cut air pollution (and in identifying those air toxics which are of greatest concern in terms of contribution to population risk), and for setting permitting requirements.



EAOR Process: Common Issues

- Annual AOR Letter
- EAOR Installation
- Completing / Revising EAOR
- Signing EAOR
- Title V Fees (Major sources only)



Annual AOR Letter

- AOR Letter sent in mid-December Includes:
- Changes since the previous year
- Pertinent due dates
- EAOR website and contact.

Tip: Please be sure we have the current Primary RO and e-mail address in our system (ARMS).



EAOR Installation

- EAOR Website
 - EAOR software & installation instructions
 - Installation errors & links to resolutions:
 - Folder Permissions – read / write permissions
 - Crystal Reports error
 - EAOR program suddenly stops working

<http://www.dep.state.fl.us/air/emission/eaor/default.htm>

- Tip: Check the EAOR website for installation error resolutions.



Before Beginning EAOR Data Entry:

- In EAOR, first check to make sure you have downloaded the newest version of EAOR software.
- After importing your facility data, please review your prefilled facility data in EAOR before completing the report.
 - If there is an error in the prefilled data, for example, a pollutant has an emissions limit in the permit but is not 'marked' in EAOR (*), or an emissions unit is missing, then please call DARM before starting your EAOR data entry. This is to prevent you from possibly having to redo your entire EAOR data entry!
- If you are adding (or invalidating) an SCC in EAOR, and there is any question regarding which SCC to use, then please first check with the permitting office, and cc DARM.
- Remember the RICE – Emergency / Limited Use/Black Start Engines that have numerical emissions limits for any pollutant or meet the threshold are to be included in AORs as they have not been exempted from the AOR form instructions.



EAOR Easy Start Menu

File Edit EAOR Survey Window Electronic Signature Help



EAOR Easy Start Menu

Please follow the steps below to complete your AOR. Start by importing data from web or disk

- 1 or
- 2
- 3
- 4
- 5
- 6

More menus are available on the menu bar.



EAOR Easy Start Menu – Print Report

- After importing your facility data, *first* review it, *then* begin editing:

The screenshot shows a software application window with a menu bar (File, Edit, EAOR, Survey, Window, Electronic Signature, Help) and a toolbar. A dialog box titled "EAOR Easy Start Menu" is displayed in the center. The dialog box contains the following text and options:

EAOR Easy Start Menu

Please follow the steps below to complete your AOR, start by importing data from web or disk

1 Import from Web or Import from Disk

2 Comparative Edit/Review

3 Verify Facility Data

4 Create Submission File

5 Print Report

6 Title V Sources ONLY: Fee Invoice

Select Facility

Exit EAOR

More menus are available on the menu bar.

The "Print Report" option (step 5) is circled in red. The status bar at the bottom of the application window shows: Ready | Edit: Revised AOR Data | 2016 Ref: Local ARMS Data | 2015



Review: Emissions Report by EU

EAOR Beta - CONGLOBAL INDUSTRIES, INC. 0310333 - [Emission Report by EU]

File Edit EAOR Survey Window Electronic Signature Help

Main Report

EU ID	EU Description	Pollutant	2016	2015
			Actual (TPY)	Actual (TPY)
		*HAPS	0.840000	1.156000
		*VOC	3.488000	1.561000
003	SHOT BLASTING BLDG.			
		*PM	0.310000	0.292000
		PM10	0.310000	0.292000
004	Global Paint Booth			
		H046		
		H053	0.006000	0.010000
		H085	0.047000	0.045000
		H090		
		H123	0.038000	0.067000
		H132	0.002600	0.008300
		H169	0.006000	0.000600
		H186	0.292000	0.255000
		*HAPS	0.490000	0.386700
		*VOC	0.693000	0.223000
005	Silica Blast Operation			
		PM	2.750000	1.051000

Current Page No.: 2 Total Page No.: 2 Zoom Factor:



Completing EAOR: Facility Form

Facility Information:

- Status (as of December 31st) – A, C, Inactive.
- Facility Owner/Comp. & Site Name – Owner.
- Facility History Information – Previous Owner /Company Name if changed during reporting year.

Owner/Contact Information:

Person who is authorized / responsible for signing **this AOR:**

- Non-Title V: Owner/Authorized Representative or
- Title V: Responsible Official



EAOR Facility Form– Status, Owner

EAOR Beta - CONGLOBAL INDUSTRIES, INC. 0310333 - [Facility Edit and Review]

File Edit EAOR Survey Window Electronic Signature Help

Go To Emissions Unit Form Save Exit

Revised AOR Data 2016 Local ARMS Data 2015

Section A and B Section B (Cont) Section B (Cont) and C Section D Section D (Cont) Section D (Cont 2) Attachments

Revised AOR Data 2016	Local ARMS Data 2015
A. REPORT INFORMATION	A. REPORT INFORMATION
1. Year of Report: 2016	1. Year of Report: 2015
2. Number of Emissions Units in Report: 5	2. Number of Emissions Units in Report: 5
B. FACILITY INFORMATION	B. FACILITY INFORMATION
1. Facility ID: 0310333	1. Facility ID: 0310333
2. Facility Status: ACTIVE	2. Facility Status: ACTIVE
3. Date of Permanent Facility Shutdown:	3. Date of Permanent Facility Shutdown:
4. Facility Owner/Company Name: CONGLOBAL INDUSTRIES, INC.	4. Facility Owner/Company Name: CONGLOBAL INDUSTRIES, INC.
5. Site Name: CONGLOBAL INDUSTRIES, INC.	5. Site Name: CONGLOBAL INDUSTRIES, INC.



EAOR Facility Form - History

EAOR Beta - CONGLOBAL INDUSTRIES, INC. 0310333 - [Facility Edit and Review]

File Edit EAOR Survey Window Electronic Signature Help

Go To Emissions Unit Form Save Exit

Revised AOR Data 2016 Local ARMS Data 2015

Section A and B | Section B (Cont) | Section B (Cont) and C | Section D | Section D (Cont) | Section D (Cont 2) | Attachments

B. FACILITY INFORMATION (Cont)

8. Facility SIC(s):

SIC	Primary
3479	<input checked="" type="checkbox"/>
*	<input type="checkbox"/>

9. Facility Comment:
MISC. COATING OF METAL PARTS, HAP > 10 T/YR & > HAPS > 25 T, Previous name Diversified Container Services

C. FACILITY HISTORY INFORMATION

1. Change in Facility Owner/Company Name During Year?

Previous Name:

2. Date of Change:

B. FACILITY INFORMATION (Cont)

8. Facility SIC(s):

SIC	Primary
3479	<input checked="" type="checkbox"/>

9. Facility Comment:
MISC. COATING OF METAL PARTS, HAP > 10 T/YR & > HAPS > 25 T, Previous name Diversified Container Services

C. FACILITY HISTORY INFORMATION

1. Change in Facility Owner/Company Name During Year?

Previous Name:

2. Date of Change:



EAOR Facility Form – Owner Information

EAOR Beta - CONGLOBAL INDUSTRIES, INC. 0310333 - [Facility Edit and Review]

File Edit EAOR Survey Window Electronic Signature Help

Go To Emissions Unit Form Save Exit

Revised AOR Data 2016 Local ARMS Data 2015

Section A and B Section B (Cont) Section B (Cont) and C Section D Section D (Cont) Section D (Cont 2) Attachments

D. OWNER / CONTACT INFORMATION

1. Owner/Authorized Representative OR Title V Responsible Official:

First Name:

Middle Name:

Last Name:

Suffix:

Job Title:

Mailing Address

Organization/Firm

Street Address:

City:

State: Zip: -

Phone: Ext: Fax:

Email:

D. OWNER / CONTACT INFORMATION

1. Owner/Authorized Representative OR Title V Responsible Official:

First Name:

Middle Name:

Last Name:

Suffix:

Job Title:

Mailing Address

Organization/Firm

Street Address:

City:

State: Zip: -

Phone: - Ext: Fax: -

Email:



EAOR Facility Form: Attachments

- **Make sure supporting information is attached in EAOR**
 - Helps communicate the whole picture to us and saves time otherwise spent on follow-up questions to the facility (especially important when Emissions Calculation worksheet or Emissions Comment field does not contain the calculation formula.)
- **Other Attachments**
 - Signature Pages may be attached in EAOR (i.e. AOR pages 1& 2).
 - However, if e-signing, it is not necessary to attach the signature pages.



Completing EAOR Continued

- **Make sure the correct SCCs are reported in EAOR:** If you are adding (or invalidating) an SCC in EAOR, and there is any question regarding which SCC to use, then please first check with the permitting office, and cc DARM.
- **Make sure the correct Emissions Method Codes** used to calculate emissions are reported:
 - Rule 62-210.370(2)(d)1.c., F.A.C., states “The owner or operator shall compute emissions by multiplying the appropriate emission factor by the appropriate input, output or gas volume value for the period over which the emissions are computed. The owner or operator **shall not** compute emissions by converting an emission factor to pounds per hour and then multiplying by hours of operation, unless the owner or operator demonstrates that such computation is the most accurate method available.”
 - [Click Here to see Rule 62-210.370 for methods to be used when computing actual emissions.](#)
- **Make sure to use the correct Emission Factor (EF) for the particular pollutant:**
 - For PM, PM₁₀, and PM_{2.5} emissions, EFs used were often for the wrong pollutant. For example, AP42/Webfire EF for PM was used to report PM₁₀.
 - Depending on the SCC and control equipment configuration, there may be emission factors for *primary PM, primary PM₁₀, primary PM_{2.5}, filterable PM, filterable PM₁₀, filterable PM_{2.5} and condensable PM (CPM).
 - (NOTE: ‘primary PM’ is not reported. Rather, PM determined by standard EPA Method 5 is filterable PM, which is reported.)



Completing EAOR Continued

Make sure emission factors have the correct Units:

- For example, for an SCC for external combustion boilers burning oil, AP42/Webfire units for criteria pollutants are *Lbs per 1000 Gallons Oil*, and units for metals are *Lbs per Million Btus Heat Input*, however EAOR calculation worksheet 'Emission Factor' unit is *Lbs per 1000 Gallons Distillate Oil*.
- Provide the source of the emissions factor (EF) in EAOR.
 - For example, if emissions were calculated using an EF based on site specific data such as stack tests, then list the test dates, and EF units; or if the EF was established in a permit, then reference which permit.

Double check your emissions calculation formula:

- A minor omission could result in either underreporting emissions (and subject to additional Title V fee / penalties); or over reporting emissions (and overpaying fees).
- EAOR calculates Title V fees based on actual emissions, review and correct discrepancies in formula's, ensure the values used in the formula are correct:
 - Units; convert from lbs to tons
 - Emissions factor
 - Consider control efficiency
 - Process rate / Fuel usage
 - Average heat content
 - Total hours operated
- **CPM, PM2.5, and PM10** should typically be reported for combustion sources.
 - If the information is available and the reporting threshold of 5 tons/year was exceeded (or CPM is a marked pollutant), then report the emissions. At the following link a tool is available to help estimate CPM emissions for some SCC: [Condensable Particulate Matter \(CPM\) Reporting Threshold, and Estimated Annual CPM Emissions Calculator for some SCC](#)



EAOR: Examples of Data Quality Issues

- A change during the reporting year in the facility's tracking/reporting methodology resulted in underreporting of emissions (i.e. from AP42- to CEMS);
- Different emissions factors are used for reporting in different systems (TRI vs. AOR);
- Overestimating previous years emissions;
- Instances where the emissions factor or fuel usage/ process rate is off by an order of magnitude; or incorrect value was used in the formula in EAOR;
- Duplication of process rate / fuel usage: The exact same process rate was reported for different fuels burned, for example diesel and natural gas;



EAOR: Examples of Data Quality Issues

- Instances where materials or substances used in the previous year's processes were discontinued prior to the current reporting year, however were inadvertently reported anyway;
- Cases where emissions were normally calculated by applying a control efficiency, however were inadvertently reported without it;
- Emissions value reported was in pounds, conversion to tons was excluded from the formula;
- Cases where HAP VOCs are not included with the VOC emissions; and
- Formulas needing revision:
 - workbook setup to capture data for the AOR, such as fuel usage, not working;
 - Formula omits an important conversion factor (i.e. conversion of sulfur to SO₂);
 - Incorrectly uses a "percentage" (i.e. 10% ash) instead of a "number" (i.e. 0.1 ash fraction), resulting in emissions being over reported (for HAPS metals).



EAOR Calculation Worksheet

File Edit EAOR Window Help

Go To Facility Form Select EU 006 << First < Previous Next > Last >> Save Exit

DEP Revised ADR Data 2016 Local ARMS Data 2015

Select EU Section A Section A (Cont) and B Section C and D Section E

Select SCC SCC & Pollutants Horizontal View Details/Pollutant

(1) PROCESS/FUEL INFORMATION

Select SCC	Valid SCC Unit	Annual Process or Fuel Usage Rate	Summer Season Process or Fuel
20100101	1000	33.81	
20100101	1000	4.62	

(2) EMISSIONS INFORMATION

Pollutant	Code	Emission Factor	Calculation Worksheet	Emission Calculation
H114				See attach
H133				See attach
H148				
H162				See attach
HAPS				See attach
* NOX				Annual E
PB				Annual E
* PM				Annual E
* PM10				Annual E
PM2.5				Annual E
* SAM				Annual E
* SO2				Annual E
* VOC				Annual E

Calculations for SCC - 20100101, Pollutant - PM

B17 =B20*B7*B4/2000

	A	B	C	D	E
1	Average Annual Operation (Hours/Day)	5			
2	Average Annual Operation (Days/Week)	1			
3	Total Annual Operation (Hours/Year)	175			
4	Annual Process or Fuel Usage Rate (1000 Gallons Distillate Oil (Diesel) Burned)	33.81			
5	Fuel Average % Sulfur	0.0011			
6	Fuel Average % Ash				
7	Fuel Heat Content (mmBtu/1000 Gallons Distillate Oil (Diesel) Burned)	138.45			
8	Average Summer Season Operation (Hours/Day)	5			
9	Average Summer Season Operation (Days/Week)	1			
10	% Hours of Operation DJF	4			
11	% Hours of Operation MAM	12			
12	% Hours of Operation JJA	60			
13	% Hours of Operation SON	24			
14	Summer Season Daily Process or Fuel Usage Rate (1000 Gallons Distillate Oil (Diesel) Burned)	0			
15	Emission Factor (Lbs/1000 Gallons Distillate Oil (Diesel) Burned)				
16	Total Operation During Summer Season (Days/Season)	70			
17	Annual Emissions (Tons/Year)	0.010064			
18	Summer Season Daily Emission (Lbs/Day)				
19	Emission Comments	See attached calculations			
20	Emission Factor (lb / MMBTU)	0.0043			
21					
22					
23					

Show Calculation Show Comment Save Cancel Clear Sheet Import



Additional Data Review

Perform Edit Checks & Compare to ARMS:

- Missing AOR Report
- Missing Process Rates
- Missing Annual Emissions
- Missing Cap Emissions
- Missing data for SCC (if burning Coal, Oil, Gas) – lists SCC if the **sulfur content**, or **ash content**, or **heat content is missing**.



Edit Checks Continued

- Operating Schedule – if exceeds the permitted schedule.
- Excess Process Rate – if reported annual process rate larger than the permit limit.
- Excess Sulfur, Ash – if reported sulfur/ash content is larger than the permit limit.
- Excess Heat Input
- Excess Emissions – reported annual emission larger than the permit limit allowable: equivalent tons/year.
- Exceeded Emissions Cap – reported annual emission larger than emissions cap (fac wide or multi-unit cap).



Revising an EAOR

- If Title V, and revisions affect Title V fees or are involved, should resubmit.
- Make the revisions in EAOR, and resubmit.
- Do not re-import your data file. This will overwrite and null out data values that you have already entered!

*** Contact me if you have questions or problems! ***



Signing the AOR

- For **Non-Title V Sources** – The Owner or Authorized Representative must sign.
- For **Title V Sources** - The Title V source Responsible Official must sign. If there is more than one Responsible Official at the Title V source, then it is not necessary that this person be the Primary Responsible Official.
- Whether the AOR is submitted electronically via the web or email, you may sign the AOR electronically or submit signature pages. *The AOR is not complete until it is signed.*
- Please note: In order to sign electronically, you will need a user account and PIN. You do not need to download the EAOR software to sign the AOR.
 - Information on how to sign electronically can be found on the EAOR website: <http://www.dep.state.fl.us/air/emission/eaor/default.htm>
 - [Click Here to Register a New Account](#) - Note the **'Help'** button on this screen.
 - [Download PIN Request Form \(requires login\)](#)
- If you forgot your PIN or registration password or need signing help:

DARM Application Support Desk

Email: DARM.HelpDesk@dep.state.fl.us

Phone: 850-717-9000 (Fax: 850-717-9001)



EAOR Benefits

- The completed report can be submitted by the Internet.
- The report is partially filled with the data from the Department database. This ensures the report is completed according to each facility's permit.
- The side-by-side view allows comparison of the current year data with the data from previous years.
- Data changes are highlighted to ease the review of the data.
- Help is available at one key stroke, including the definitions of each data field.
- Formulas to calculate emissions can be set up in the program and be re-used in future AORs.
- Edit checks are included to catch missing data.
- Supporting electronic documents can be attached.
- The data are reviewed and transferred into the Department database electronically, avoiding having to enter the new data and update the existing data manually.
- Reports can be saved as .PDF files. With this feature, you can send the completed AOR to someone else to review, without that person having to install the EAOR program.
- Automatically calculates Title V fees based on the AOR emissions reported.
- The report can be signed electronically.



EAOR: Potential Improvements

- Small screen size
 - Requires use of a scroll bar
- Data Verifications
- Emissions Comments
- Comparisons with permit limits /thresholds/EPSAP not available
- Improving display of Emissions Comparison reports – graphed trend chart showing multiple years.
- Including automated emissions calculator tools to determine which thresholds are exceeded and require reporting.
- EAOR is not web based
 - Limitations on operating systems



EAOR Website: Links and Downloads

- EAOR Website has information pertinent to EAOR:
<http://www.dep.state.fl.us/air/emission/eaor/default.htm>
- The AOR and Title V Fee are due by April 1.
 - Title V facilities must submit the AOR using EAOR software (or claim technical or financial hardship by submitting Division's prefilled form).
 - Title V emissions fee checks must be postmarked no later than April 1.
 - Electronic banking transfer submissions must be received by DEP by April 1.
 - The Title V Emissions Fee website is here:
<http://www.dep.state.fl.us/air/emission/tvfee.htm>
- EAOR Software
 - EAOR software allows you to submit your Annual Operating Report to Florida DEP.
 - The latest version of EAOR is found on the EAOR website.
 - EAOR software requires: Windows XP or Windows 7.
 - Non-Title V facilities may submit their AOR using a pre-filled hardcopy. **Download a prefilled copy** at this link (however Title V must use EAOR as mentioned above):
https://fldep.dep.state.fl.us/air/emission/eaor/aor_hardcopy.asp



EAOR – DEP Web Resources

EAOR Website

<http://www.dep.state.fl.us/air/emission/eaor/default.htm>

Title V Annual Emissions Fee On-line Information Center

<http://www.dep.state.fl.us/air/emission/tvfee.htm>

AOR Form (including instructions)

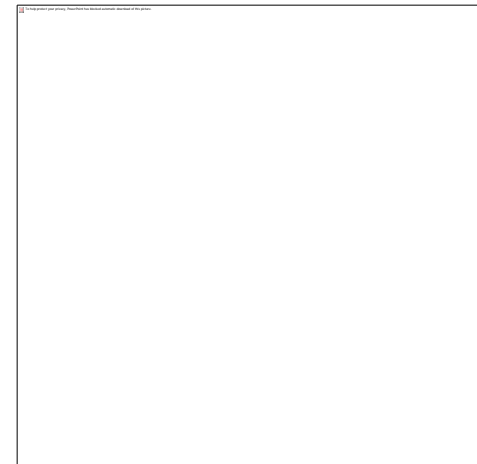
<http://www.dep.state.fl.us/air/rules/forms/aor.htm>

FDEP incoming FTP site:

<ftp://ftp.dep.state.fl.us/pub/incoming>

EAOR Helpdesk

eaor@dep.state.fl.us





EAOR – EPA Web Resources

EPA's WEBFIRE (contains EPA's recommended emissions factors)

<https://www.epa.gov/electronic-reporting-air-emissions/webfire>

EPA's Searchable SCC database (contains a list of most updated SCCs):

www.epa.gov/scc





Questions/Assistance Contacts

Dianne Spingler, AOR Coordinator

Dianne.Spingler@dep.state.fl.us

850-717-9100

Kathleen Carr

Contact Kathleen re: registering an account, forgot PIN or password.

Kathleen.Carr@dep.state.fl.us

850-717-9012

EAOR Helpdesk

eaor@dep.state.fl.us

850-717-9000

Other Assistance

Cindy Phillips, Senior Analyst

- Contact Cindy re: Emissions Calculator for SCCs,
- AOR form rule development.
- Cindy.Phillips@dep.state.fl.us
- 850-717-9098

Kris Lanh, Engineer

- Contact Kris with general AOR questions.
- Kris.Lanh@dep.state.fl.us
- 850-717-9094



Report Pollutants Subject to an Emission Limiting Standard or Threshold

Report Pollutants Subject to Emission Limiting Standards:

- For **any pollutant** that is subject to a numerical emission limiting standard, either by rule or permit condition, report the pollutant, for each SCC. Pollutants subject to emission limiting standards should be 'marked' on the EAOR and our prefilled AOR form. This also includes any pollutant which is part of a facility-wide or multi-unit emissions cap.

*Marked: A 'marked' pollutant is one which has a numerical emissions limit or emissions cap in the permit and will have an * next to the pollutant in EAOR (for example *PM).



Report Pollutants Subject to an Emission Limiting Standard or Threshold Continued

Report Pollutants Subject to Reporting Thresholds:

- For pollutants as listed in the AOR form that are emitted from the unit but **not** subject to any numerical emission limiting standards, report for each pollutant, for each SCC, only if the pollutant was emitted from the emissions unit during the reporting year in an amount, by SCC, equal to or greater than the appropriate pollutant-specific threshold listed in the AOR form. Pollutants need not be reported for any SCC for which the emissions were less than the appropriate threshold.



Report Pollutants Subject to an Emission Limiting Standard or Threshold Continued

How often must I report Hazardous Air Pollutants?

- For hazardous air pollutants not subject to an emission limiting standard, the reporting requirement applies only for reporting year 2017 and every third year thereafter (e.g., for reporting years 2020, 2023, etc.)

NOTE: While reporting of individual HAPs and total HAPS without a numerical limit is required only every three years, DEP encourages facilities to report individual HAPs and total HAPS every year, if data is available.



Reporting CPM – Pollutant Emissions Calculators

The following emissions calculators are provided for your use, however their use to estimate emissions is optional:

➤ What if I don't know my CPM (condensable particulate matter) emissions?

CPM emissions must be reported if the emissions unit is subject to a numerical emission limit for CPM.

- Otherwise, CPM should be reported if information is available to estimate emissions, and such emissions are equal to or greater than 5.0 tons per year per SCC. Do not add the pollutant CPM in EAOR if you do not have emissions data to report. A **Calculator to estimate CPM** emissions based on some available CPM emissions factor information from AP-42 is provided for you at this link: <http://www.dep.state.fl.us/air/emission/eaor/CPM-reporting.htm>

Below is a link to the **Annual Air Emissions Calculators** (based on WebFIRE Emissions Factors) for some SCC. If you would like additional SCCs added, please email them to Cindy.Phillips@dep.state.fl.us

- [Annual Air Emissions Calculators for some SCC](#)



Reporting PM, PM₁₀, and PM_{2.5}

When reporting PM, PM₁₀, and PM_{2.5} emissions make sure to use the correct emission factor for the pollutant.

Depending on the SCC and control equipment configuration, there may be emission factors for primary PM, primary PM₁₀, primary PM_{2.5}, filterable PM, filterable PM₁₀, filterable PM_{2.5} and condensable PM (CPM).

- PM filterable \geq PM₁₀ filterable \geq PM_{2.5} filterable
- PM₁₀ primary \geq PM_{2.5} primary \geq CPM

NOTE: 'primary PM' is not reported. Rather, PM determined by standard EPA Method 5 is filterable PM, which is reported.

The emission factors listed as primary include both the filterable and condensable components. For example, primary PM_{2.5} is the total of PM_{2.5} filterable plus condensable PM (CPM), and primary PM₁₀ is the total of PM₁₀ filterable plus CPM.

- PM_{2.5} primary = PM_{2.5} filterable + CPM
- PM₁₀ primary = PM₁₀ filterable + CPM

You should never add the emission factors for primary and filterable together, since primary already includes the filterable.

- If reported, report condensable PM₁₀ and condensable PM_{2.5} as CPM.
- PM₁₀ condensable = PM_{2.5} condensable = CPM



Florida Department of Environmental Protection

Electronic Tools: Tips for Finding Documents and Data

**October 2017
Elizabeth Walker
Division of Air Resource Management**





Electronic Tools

Air Program Document Management History

- Began posting Title V permits in 1997
- DARM started scanning paper files (2000)
- Operating and Construction permits posted (2002)
- Air Permit Document Search created
- DARM Permits out electronically by 2007
- 2013 DARM joined OCULUS
 - Previously scanned DARM documents migrated
 - Districts on board, uploading now
 - Specific Operating Agreements (SOA) Locals Require OCULUS



Electronic Tools

How to Find Air Documents Online

- New webpage!

How to Find Air Documents Online

[Home](#) » [Divisions](#) » [Division of Air Resource Management](#) » [Office of the Director - Air Resource Management](#) » How to Find Air Documents Online

Office of the Director - Air Resource Management Quick Links

- Contacts
 - [Air Division Contacts](#)
 - [District Air Contacts](#)
 - [Local Program Air Contacts](#)
- [Air Quality 101](#)
- [Diesel Emissions Reduction Act \(DERA\) in Florida](#)
- [How to Find Air Documents](#)

[Air Permit Document Search](#)

Air Permit Document Search is a user-friendly method to view Air Permit Documents online. Air Permits have been zipped and posted online for more than 10 years, and Electronic Permit Submittal and Processing System (EPSAP) applications may be viewed on the site as well. Scanned supporting documents may be found, but should probably be accessed using OCULUS. In a future project, Air Permit Document Search (APDS) will be changed so that it will access documents from OCULUS, the Florida Department of Environmental Protection's (DEP) electronic document management system.

[DEP Information Portal \(Nexus\)](#)

The DEP Information Portal is a user-friendly way of accessing data and OCULUS documents associated with a permitted facility across DEP programs. Data included in this search includes location on aerial map, permits, program specific facility information etc.

[OCULUS \(Electronic Document Management System\)](#)

OCULUS is DEP's general document management tool. Documents and the data related to the documents are searchable by basic information. Download the the following guide for detailed instructions.

- [OCULUS Public Access Guide for Air and Asbestos](#)



Electronic Tools

What tools are available?

- Searching for Documents
 - Air Permit Document Search
 - Air Permits from ~2001
 - Links to EPSAP Applications
 - Link to AirInfo for Compliance and Emissions data
 - Not pointed to OCULUS (yet)
 - OCULUS
 - Just search for documents
 - Search and Results page limited
 - Air joined in 2013
 - DEP Information Portal (NEXUS)
 - Easier-to-use search
 - Across DEP Programs
 - Link to facility information, GIS Map, and program contacts



Electronic Tools

Air Permit Document Search

- APDS has a simple search interface:

Emission Sources
Air Permit Documents Search

The Air Permit Document Search (APDS) is being integrated with the Department's Document Management System, OCULUS. If you don't find what you are looking for in APDS, try searching in OCULUS. Go to the following web page and click the Public Oculus Login button.

[OCULUS Login Page](#)

Search by Permit Number or PSD Number:

Permit Number: --AC

PSD Number: PSD-FL-

Search by Facility Information:
(If you do not have a Permit Number or PSD Number)

Facility ID #:

County:

Site Name:

STC:

City:

Owner/Company Name:

[Show Advanced Search Options](#)

System Requirements: This application requires one of the following operating systems: Windows XP or Windows 7. The Division of Air Resource Management has not tested this application on the Windows 8 or Windows Vista operating systems. This application has been developed to work with the Microsoft Internet Explorer web browser. It may or may not work with other web browsers.

DARM Application Support Desk
DARM_HelpDesk@den.state.fl.us
Phone: (850) 717-9900
Fax: (850) 717-9901

Last updated: June 20, 2013



Electronic Tools

Air Permit Document Search Results

Emission Sources
Air Permit Documents Search

Owner/Company Name: ENVIROFOCUS TECHNOLOGIES DBA GOPHER RESO
City: TAMPA
Major SIC Code: 33 - PRIMARY METAL INDUSTRIES
Facility ID: 0570057

Site Name: ENVIROFOCUS TECHNOLOGIES
County: HILLSBOROUGH
Title V Facility: Yes

Project Number: 0570057-035-AC
Project Name: FURNANCE BURNER -PSD-404D

Scanned Documents: No scanned documents available

Permit Activity	Issue Date	Expiration Date	Zippered Permit Documents Posting Date	Permit Status	CAM	Project Documents
CONSTRUCTION	07/12/2017	07/12/2022	07/12/2017 06/21/2017	Final Draft		Zip File Zip File

Project Number: 0570057-034-AC
Project Name: EXTENSION REQUEST FOR 030-AC

Scanned Documents: No scanned documents available

Permit Activity	Issue Date	Expiration Date	Zippered Permit Documents Posting Date	Permit Status	CAM	Project Documents
CONSTRUCTION	12/06/2016	06/30/2017	12/06/2016	Final		Zip File

Project Number: 0570057-033-AV
Project Name: REVISION TO INCORPORATE 030-AC

Scanned Documents: No scanned documents available

Permit Activity	Issue Date	Expiration Date	Zippered Permit Documents Posting Date	Permit Status	CAM	Project Documents	Permit Summary
PERMIT REVISION	03/06/2017	11/24/2020	03/07/2017 12/02/2016 01/13/2017 12/02/2016	Final Proposed Revised Draft	N N N N	Zip File Zip File Zip File Zip File	Summary Summary Summary Summary

Project Number: 0570057-032-AC
Project Name: EXTENSION

Scanned Documents: No scanned documents available

- Zipped Permit Files
- EPSAP Submittal
- AirInfo Link

EPSAP Application Information pop up:

Air Resource Management Close Window

Owner/Company Name: ENVIROFOCUS TECHNOLOGIES DBA GOPHER RESO
City: TAMPA
Major SIC Code: 33 - PRIMARY METAL INDUSTRIES
Facility ID: 0570057

Site Name: ENVIROFOCUS TECHNOLOGIES
County: HILLSBOROUGH
Title V Facility: Yes

Project Number: 0570057-035-AC

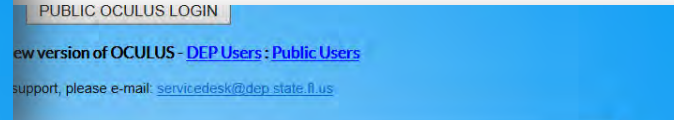
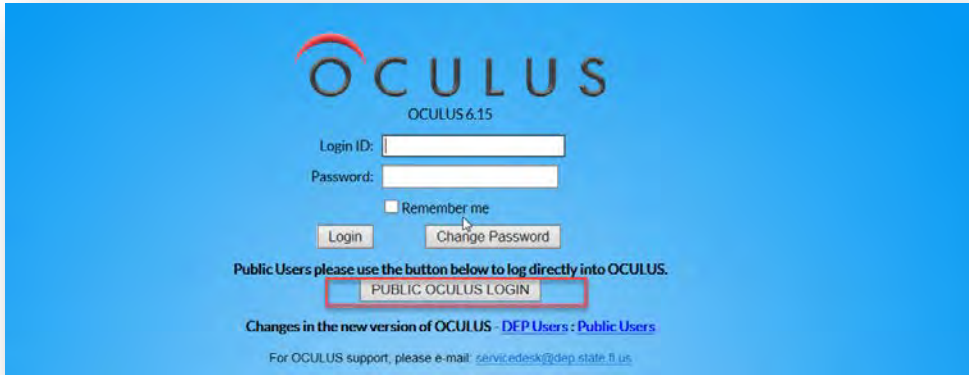
EPSAP Electronic Application Help

PSAP Application Number	Document Type	Submittal Date	Document Name
4896-1	Application	04/27/2017	Submitted Application Report
Facility Attachments			EnviroFocus AC Application 26APR17.pdf



Electronic Tools

OCULUS



- Use Public OCULUS Login button
- Scroll to see Help Links, Taxonomy, and other useful information

Welcome to the Florida DEP Consolidated OCULUS Electronic Document Management System.

The following programs have records in the OCULUS electronic document management system for public review:

Division of Waste Management (DWM)	Division of Water Resource Management (DWRM)	Division of Air Resource Management (DARM)
Hazardous Waste	ERP - Environmental Resource	Wastewater
Solid Waste	Permitting	Water Facility Funding
Storage Tanks (Petroleum Restoration)	NPDES Storm Water Potable Water	Water Supply Restoration
Waste Cleanup	Systems	Beaches & Coastal Systems
	Underground Injection Control	Mining & Minerals Regulation

Help using OCULUS

We have several tools available to assist in using the OCULUS Document Management System. At any point, users can click the help menu to open the [Online help system](#). For help finding documents in OCULUS, please see the [Public Document Taxonomy](#). If you believe that you've found an error with a document, please contact service@dep.state.fl.us to report the problem.

At times Microsoft Office updates may cause users to lose the ability to "View" TIF documents in OCULUS and limit their options to 'Save' or 'Cancel' when trying to view them. If your computer is experiencing this problem, please try the steps outlined [in this document](#).

If you can open documents correctly but find black pages while viewing "TIF" documents from OCULUS or you are having other trouble viewing documents, please [follow these instructions](#) for help installing an alternative viewer.

If you find that you cannot view or open a document type of '.MSG', '.PST', or '.OST', email formats, you may not have compatible software for these file types.



Electronic Tools

OCULUS Search Page

L U S Search Actions Tools Help Logout

Search

Catalog

- Air
- Asbestos
- Beaches & Coastal Systems
- DSL Public Lands
- ERP - Environmental Resource Permitting
- Hazardous Waste
- Mining & Minerals Regulation

Search By

Profile:

Profile

- Discovery_Compliance
- Enforcement_Legal
- Permitting_Authorization

Sort By: County Type: Any

Creator: Folder Name:

Created: MM-DD-YYYY To: MM-DD-YYYY

County: =

District: =

Facility-Site ID: =

Document Date: From MM-DD-YYYY To MM-DD-YYYY

Received Date: From MM-DD-YYYY To MM-DD-YYYY

Document Type: =

Contractor ID: =

PSD Number: =

Permit Type: =

Facility Type: *

Application Number: =

Permit Number: =

Document Subject: =

Overwhelming? Make it easier....



Electronic Tools

Search OCULUS by Property

The screenshot shows the OCULUS search interface with the following elements:

- Search** header
- Catalog** dropdown menu with options: Air, Asbestos, Beaches & Coastal Systems, DSL Public Lands, ERP - Environmental Resource Permitting, Hazardous Waste, Mining & Minerals Regulation.
- Search By** dropdown menu with "Property" selected (highlighted with a red box).
- Property** dropdown menu with options: Document Subject, Document Type, Facility-Site ID, Facility Type, Inspection Type, Kofax Batch Name, Oculus_Attachment_ID.
- Sort By** dropdown menu with "Facility-Site ID" selected.
- Type** dropdown menu with "Any" selected.
- Creator** and **Folder Name** text input fields.
- Created** and **To** date range input fields (MM-DD-YYYY).
- Search** and **Clear** buttons.
- Facility-Site ID** search field with a dropdown arrow, containing "AIR_0570057".
- ...** button next to the Facility-Site ID field.
- ENVIROFOCUS TECHNOLOGIES** text input field.
- Search** and **Clear** buttons below the Facility-Site ID field.

Search by property:
Select Catalog(s)
Select Search by Property
Select Property(ies) of Interest

- Search by property if you know the Facility ID
- If you don't know the Facility ID click the “...” button



Electronic Tools

OCULUS Facility Search

The screenshot displays the OCULUS Facility Search interface. The search criteria are listed on the left, with a red box highlighting the search operators: = (Must match exactly) and * (Wild card). The search criteria include Program, District, County, Facility ID, Facility Name, Address, City, Permit Number, and Application Number. The search results are displayed in a table on the right, with the first row showing the Facility Name 'Envirofocus'.

Search Criteria	Value
Program	
District	
County	
* Facility ID	
* Facility Name	Envirofocus
* Address	
* City	
= Permit Number	
= Application Number	

- Displays a search box with facility criteria
- Column outlined in red represents search operators
 - = Must match exactly
 - * Wild card



Electronic Tools

OCULUS Facility Search Results

Search Again

Search Results

PROGRAM	ID	NAME	CITY	COUNTY	DISTRICT	ADDRESS
<input type="radio"/> AIR	AIR_0570057	ENVIROFOCUS TECHNOLOGIES	TAMPA	HILLSBOROUGH	SWD	6505 Jewel Avenue
<input type="radio"/> ERP - Environmental Resource Permitting	ERP_294844	ENVIROFOCUS TECHNOLOGIES LLC	TAMPA	HILLSBOROUGH	SWD	1901 NORTH 66TH STREET
<input type="radio"/> Hazardous Waste	FLD004092839	ENVIROFOCUS TECHNOLOGIES LLC	TAMPA	HILLSBOROUGH	SWD	1901 N 66TH ST
<input type="radio"/> Hazardous Waste	SQG_39821	ENVIROFOCUS TECHNOLOGIES LLC	TAMPA	HILLSBOROUGH	N/A	1901 N 66TH ST
<input type="radio"/> NPDES Storm Water	FLR10HZ61	BARRIER WALL CONSTRUCTION ENVIROFOCUS TECHNOLOGIES LLC	TAMPA	HILLSBOROUGH	SWD	1905 N 66TH ST
<input type="radio"/> NPDES Storm Water	FLR10JK84	ENVIROFOCUS TECHNOLOGIES SMELTER MODIFICATIONS	TAMPA	HILLSBOROUGH	SWD	1901 N 66TH ST
<input type="radio"/> Solid Waste	96433	ENVIROFOCUS TECHNOLOGIES, LLC.	TAMPA	HILLSBOROUGH	SWD	1901 N 66 ST
<input type="radio"/> Storage Tanks	8733856	ENVIROFOCUS TECHNOLOGIES LLC	TAMPA	HILLSBOROUGH	SWD	1901 N 66TH ST
<input type="radio"/> Waste Cleanup	BF290803000	ENVIROFOCUS TECHNOLOGIES BROWNFIELD AREA	TAMPA	HILLSBOROUGH	SWD	N/A
<input type="radio"/> Waste Cleanup	BF290803001	ENVIROFOCUS TECHNOLOGIES	TAMPA	HILLSBOROUGH	SWD	1901 66TH STREET NORTH
<input type="radio"/> Waste Cleanup	COM_34600	ENVIROFOCUS TECHNOLOGIES AKA GULF COAST RECYCLING, INC.	TAMPA	HILLSBOROUGH	N/A	1901 NORTH 66TH STREET
<input type="radio"/> Wastewater	FL0687138	ENVIROFOCUS TECHNOLOGIES LLC	TAMPA	HILLSBOROUGH	SWD	1901 N 66TH ST

12 result(s) returned

[Close Window](#)

Select the desired record and it will be displayed in your search.



Electronic Tools

OCULUS Search Screen

Search

Catalog

- Air
- Asbestos
- Beaches & Coastal Systems
- DSL Public Lands
- ERP - Environmental Resource Permitting
- Hazardous Waste
- Mining & Minerals Regulation

Search By

Property

Property

- Document Subject
- Document Type
- Facility-Site ID
- Facility Type
- Inspection Type
- Kofax Batch Name
- Oculus Attachment ID

Sort By: Facility-Site ID | Type: Any

Creator: | Folder Name: |

Created: MM-DD-YYYY | To: MM-DD-YYYY

Search | Clear

Facility-Site ID = AIR_0570057 | ENVIROFOCUS TECHNOLOGIES

Search | Clear

Now Click Search!



Electronic Tools

Anatomy of the OCULUS Search Results

The screenshot shows the OCULUS search results page. At the top, there is a navigation bar with 'OCULUS', 'Search', 'Actions', 'Tools', 'Help', and 'Logout'. Below this, the 'Search Results' section displays '359 documents in 1 catalog' and a dropdown menu set to 'Air (359)'. A 'Results/Page' dropdown is set to '10', with a 'Refresh' button next to it. To the right, there are links for 'Export to Excel', 'Send Search Results', and 'Printable Hitlist'. A 'Showing Results 1 to 10' indicator is present with a page navigation sequence: 'Page(s) 1 2 3 4 5 6 7 8 9 10 Next'. A table of search results is shown below, with columns for File Type, Profile, Facility-Site ID, Document Date, Received Date, Document Type, Inspection Type, Permit Type, Facility Type, and Document. The table contains 10 rows of data. Numbered callouts 1 through 4 point to the 'Results/Page' dropdown, the 'Export to Excel' and 'Send Search Results' links, the page navigation sequence, and the document selection checkboxes in the table, respectively.

	File Type	Profile	Facility-Site ID	Document Date	Received Date	Document Type	Inspection Type	Permit Type	Facility Type	Document
<input type="checkbox"/>		Discovery_Compliance	AIR_0570057	06-27-2017	06-27-2017	INCIDENT OR MALFUNCTION REPORT	N/A		N/A	EMAIL TO
<input type="checkbox"/>		Permitting_Authorization	AIR_0570057	07-12-2017	07-12-2017	PERMIT - FINAL		AC - AIR CONSTRUCTION PERMIT	N/A	FINAL PS
<input type="checkbox"/>		Discovery_Compliance	AIR_0570057	08-17-2017	08-17-2017	INCOMING CORRESPONDENCE	N/A		N/A	FOLLOW
<input type="checkbox"/>		Permitting_Authorization	AIR_0570057	11-13-2013	11-15-2013	INCOMING CORRESPONDENCE		AV - AIR TITLE V OPERATION PER	N/A	RESPONS
<input type="checkbox"/>		Discovery_Compliance	AIR_0570057	07-31-2017	07-31-2017	PERIODIC SITE REPORTS	N/A		N/A	ENVIROF
<input type="checkbox"/>		Discovery_Compliance	AIR_0570057	09-07-2017	09-07-2017	INSPECTION RELATED	N/A		N/A	COMPLE
<input type="checkbox"/>		Discovery_Compliance	AIR_0570057	08-03-2017	09-06-2017	PERIODIC SITE REPORTS	N/A		N/A	EU026 - B
<input type="checkbox"/>		Discovery_Compliance	AIR_0570057	08-01-2017	08-01-2017	INSPECTION RELATED	N/A		N/A	COMPLE
<input type="checkbox"/>		Discovery_Compliance	AIR_0570057	09-07-2017	09-07-2017	INSPECTION RELATED	N/A		N/A	COMPLE
<input type="checkbox"/>		Discovery_Compliance	AIR_0570057	08-16-2017	08-16-2017	PERIODIC SITE REPORTS	N/A		N/A	ENVIROF

1. Change Results/Page
2. Export List of Results or Send the Search
3. Navigate through the pages of results
4. Document Selection



Electronic Tools

Opening an OCULUS Document

OCULUS Search Actions Tools Help Logout netu

Search Results
Catalog: 359 documents in 1 catalog
Air (359) Results/Page 10 Refresh Export to Excel Send Search Results
Operations View Printable Hitlist

Showing Results 1 to 10
Page(s) 1 2 3 4 5 6 7 8 9 10 Next

File Type	Profile	Facility-Site ID	Document Date	Recei	Facility Type	Documen
<input type="checkbox"/>	Discovery_Compliance	AIR_0570057	06-27-2017	06-27-2017	N/A	EMAIL TO
<input type="checkbox"/>	Permitting_Authorization	AIR_0570057	07-12-2017	07-12-2017	N/A	FINAL PS
<input type="checkbox"/>	Discovery_Compliance	AIR_0570057	08-17-2017	08-17-2017	N/A	FOLLOW
<input type="checkbox"/>	Permitting_Authorization	AIR_0570057	11-13-2013	11-13-2013	N/A	RESPONS
<input type="checkbox"/>	Discovery_Compliance	AIR_0570057	07-31-2017	07-31-2017	N/A	ENVIROF
<input type="checkbox"/>	Discovery_Compliance	AIR_0570057	09-07-2017	09-07-2017	N/A	COMPLE
<input type="checkbox"/>	Discovery_Compliance	AIR_0570057	08-03-2017	09-06-2017	N/A	EU026 - B
<input type="checkbox"/>	Discovery_Compliance	AIR_0570057	08-01-2017	08-01-2017	N/A	COMPLE
<input type="checkbox"/>	Discovery_Compliance	AIR_0570057	09-07-2017	09-07-2017	N/A	COMPLE
<input type="checkbox"/>	Discovery_Compliance	AIR_0570057	08-16-2017	08-16-2017	N/A	ENVIROF

To view a document
Click the radio button beside the document, Select "View" under operations, and click the arrow button.
The document will open if the required software is installed.



Electronic Tools

Using OCULUS to Send Documents

Search Results

Catalog: 359 documents in 1 catalog

Air (359) Results/Page: 10 Refresh Export to Excel Send Search Results

Operations View Printable History

Showing Results 1 to 10 Page(s) 1 2 3 4 5 6 7 8 9 10 Next

Clear | Send Documents | Send Links | Add To Folder You have 1 document(s) selected | 67% of mail attachment size limit reached.

File Type	Profile	Facility Site ID	Document Date	Received Date	Document Type	Inspection Type	Permit Type	Facility Type	Document
<input type="checkbox"/>	Discovery_Compliance	AIR_0570057	06-27-2017	06-27-2017	INCIDENT OR MALFUNCTION REPORT	N/A		N/A	EMAIL TO
<input type="checkbox"/>	Permitting_Authorization	AIR_0570057	07-12-2017	07-12-2017	PERMIT - FINAL		AC - AIR CONSTRUCTION PERMIT	N/A	FINAL PSD
<input type="checkbox"/>	Discovery_Compliance	AIR_0570057	08-17-2017	08-17-2017	INCOMING CORRESPONDENCE	N/A		N/A	FOLLOWU
<input type="checkbox"/>	Permitting_Authorization	AIR_0570057	11-13-2013	11-15-2013	INCOMING CORRESPONDENCE		AV - AIR TITLE V OPERATION PER	N/A	RESPONS
<input checked="" type="checkbox"/>	Discovery_Compliance	AIR_0570057	07-31-2017	07-31-2017	PERIODIC SITE REPORTS	N/A		N/A	ENVIROF
<input type="checkbox"/>	Discovery_Compliance	AIR_0570057	09-07-2017	09-07-2017	INSPECTION RELATED	N/A		N/A	COMPLE
<input type="checkbox"/>	Discovery_Compliance	AIR_0570057	08-03-2017	09-06-2017	PERIODIC SITE REPORTS	N/A		N/A	EU026 - B
<input type="checkbox"/>	Discovery_Compliance	AIR_0570057	08-01-2017	08-01-2017	INSPECTION RELATED	N/A		N/A	COMPLE
<input type="checkbox"/>	Discovery_Compliance	AIR_0570057	09-07-2017	09-07-2017	INSPECTION RELATED	N/A		N/A	COMPLE
<input type="checkbox"/>	Discovery_Compliance	AIR_0570057	08-16-2017	08-16-2017	PERIODIC SITE REPORTS	N/A		N/A	ENVIROF

- Clicking “Send Documents” will open an e-mail form within OCULUS with the documents attached as long as they don’t exceed the size restriction.
- Clicking “Send Links” will open an e-mail form within OCULUS with a link to each document selected.



Electronic Tools

OCULUS Air Document Indexes

Date Received	Date	Document Type	Permit Type	Facility Type	Application Number	Permit Number	Document Subject	County
	07-12-2017	PERMIT - FINAL	AC - AIR CONSTRUCTION PERMIT	N/A	0570057035		FINAL PSD-FL-404D	HILLSBORO
	11-15-2013	INCOMING CORRESPONDENCE	AV - AIR TITLE V OPERATION PER	N/A			RESPONSIBLE OFFICIAL NOTIFICAT	HILLSBORO
	02-13-1992	PERMIT APPLICATION RELATED	AC - AIR CONSTRUCTION PERMIT	N/A		0570057AC		HILLSBORO
	03-20-1992	PERMIT - FINAL	AC - AIR CONSTRUCTION PERMIT	N/A		0570057AC	PERMITTING FILE, MULTIPLE DOCU	HILLSBORO
	09-14-1988	PERMIT - FINAL	AC - AIR CONSTRUCTION PERMIT	N/A		0570057AC	PERMITTING FILE, MULTIPLE DOCU	HILLSBORO
	09-12-2008	INCOMING CORRESPONDENCE	AC - AIR CONSTRUCTION PERMIT	N/A		0570057020AC	EMAIL RE RAI FROM AL LINERO	HILLSBORO
	03-18-2008	INCOMING CORRESPONDENCE	AC - AIR CONSTRUCTION PERMIT	N/A		0570057020AC	RAI	HILLSBORO
	08-13-2008	INCOMING CORRESPONDENCE	AC - AIR CONSTRUCTION PERMIT	N/A		0570057020AC	DHL RECEIPT	HILLSBORO
	04-07-2009	INCOMING CORRESPONDENCE	AC - AIR CONSTRUCTION PERMIT	N/A		0570057020AC		HILLSBORO
	04-13-1998	INCOMING CORRESPONDENCE	AC - AIR CONSTRUCTION PERMIT	N/A		0570057002AC		HILLSBORO

- For Air, Documents that are indexed as “Permit - Final” may in fact be an entire permit project file. Under “Document Subject” it should say “Permitting File, Multiple Documents”.
- Application Number and Permit Number may not be indexed.
- Air is not using Facility Type. Nexus may in the future, or use AirInfo to get the list of Facility IDs to Search.
- Air Catalog requires search for Facility ID prefixed by ‘Air_’



Electronic Tools

DEP Information Portal (NEXUS)

The screenshot shows the "INFORMATION PORTAL" header with the DEP logo. Below it is the "Facility and Document Search:" section. The search criteria include: Facility/Site ID, Facility Name, Facility Address, City, Regulatory District (dropdown), and County (dropdown). There are radio buttons for "Show All", "Facilities Without Documents", and "Facilities With Documents". A "Submit" button and a "Clear All" button are at the bottom left. On the right, there is a "Sort Order" section with a list: 1. Facility/Site ID, 2. Facility Name, 3. Facility Address, and a "Change Order" button below it.

- Facility/Site Search
- Facility searches across programs
- Provides links for more information



Electronic Tools

Nexus Search Results

INFORMATION PORTAL **Nexus**
Enterprise Solutions

Search Home » Facilities Search Results

Facilities Search Results

Criteria selected:
 Facility Name = envirofocus
 Searching For » Search all facilities

For additional information, select the hyperlinks under "Data Links" where available.

- D - Provides a list of electronic documents associated with the facility.
- F - Provides a facility summary report
- P - Provides facility-related permit information.
- M - Provides a CIS map focused on the facility.
- Q - Provides a contact for user questions and quality control

Records on this page = 12 of 12
 Your search returned these facilities:

Facility/Rate Id	Facility Name	District	County	Address	City	Program	Facility Type	Data Links
SQC_39821	ENVIROFOCUS TECHNOLOGIES LLC	N/A	HILLSBOROUGH	1801 N 66TH ST	TAMPA	HW	HW	Q
FLR10JK84	ENVIROFOCUS TECHNOLOGIES SMELTER MODIFICATIONS	SWD	HILLSBOROUGH	1801 N 66th St	TAMPA	NPDES_SW	NPDES_SW	D F P M Q
FLR10HZ61	BARRIER WALL CONSTRUCTION ENVIROFOCUS TECHNOLOGIES LLC	SWD	HILLSBOROUGH	1805 N 66th St	TAMPA	NPDES_SW	NPDES_SW	D F P M Q
FLD004092839	EnviroFocus Technologies LLC	SWD	Hillsborough	1901 N 66th St	Tampa	HW	HW	D F P M Q
FLD007139	ENVIROFOCUS TECHNOLOGIES LLC	SWD	HILLSBOROUGH	1901 N 66th St	TAMPA	WW	WW	D F P M Q
ERR_394844	ENVIROFOCUS TECHNOLOGIES LLC	SWD	HILLSBOROUGH	1801 NORTH 66TH STREET	TAMPA	ERP	ERP_SA	D F P M Q
COH_38690	ENVIROFOCUS TECHNOLOGIES AKA GULF COAST RECYCLING, INC.	SWD	HILLSBOROUGH	1901 NORTH 86TH STREET	TAMPA	WC-RP	WC-RP	D F P M Q
BF290603081	ENVIROFOCUS TECHNOLOGIES	SWD	HILLSBOROUGH	1901 66TH STREET NORTH	TAMPA	WC-BF	WC-BF	D Q
BF290603090	ENVIROFOCUS TECHNOLOGIES BROWNFIELD AREA	SWD	HILLSBOROUGH	N/A	TAMPA	WC-BF	WC-BF	D Q
AIR_0570057	ENVIROFOCUS TECHNOLOGIES	SWD	HILLSBOROUGH	8505 Jewel Avenue	TAMPA	AIR	AIR	D F P M Q
96433	ENVIROFOCUS TECHNOLOGIES, U.C.	SWD	HILLSBOROUGH	1901 N 66 ST	TAMPA	SW	SW	F M Q
8733856	ENVIROFOCUS TECHNOLOGIES LLC	SWD	HILLSBOROUGH	1901 N 66TH ST	TAMPA	TK	TK	D F P M Q

Disclaimer: The Florida Department of Environmental Protection (FDEP) has made a reasonable effort to ensure that the information provided is up-to-date and comprehensive but cannot guarantee the accuracy or completeness of the data. Any specific, missing information may be obtained by a file review for the particular facility at the appropriate District office.

Data links navigate to other DEP pages. See the legend above the list for more information.



Electronic Tools

Nexus Data Link “D”

Records on this page = 50 of 359

Your search returned these documents available online from DEP's unrestricted EDMS catalogs:
Click on the View link below to open a specific document.

[Export CSV Data](#)

Document Date	Document Type	Document Subject	Permit / Application Number	File Type and Size	View
10-13-2017	OUTGOING CORRESPONDENCE	COMPLIANCE ASSISTANCE LETTER	/	.pdf - 971.5 KB	▶
10-13-2017	NONCOMPLIANCE RELATED	FRV-HPV CHECKLIST	/	.pdf - 100.8 KB	▶
09-07-2017	INSPECTION RELATED	COMPLETED ACTIVITY DETAIL REPORT_299659	/	.pdf - 22.6 KB	▶
09-07-2017	INSPECTION RELATED	COMPLETED ACTIVITY DETAIL REPORT_299470	/	.pdf - 22.6 KB	▶
09-28-2017	INSPECTION RELATED	FINAL INSPECTION FORM COMPLETE	/	.pdf - 26.8 KB	▶
08-28-2017	INCOMING CORRESPONDENCE	ENVIROFOCUS 0570057 - EMAIL CORRESPONDENCE	/	.pdf - 114.5 KB	▶
08-28-2017	ANNUAL REPORT RELATED	ENVIROFOCUS 0570057 - 2016 EAOR EDIT CHECK REPORT	/	.pdf - 59.8 KB	▶
08-18-2017	PERIODIC SITE REPORTS	ENVIROFOCUS PROCESS STACK SO2, NOX & CO RATA TESTING CONDUCTED ON JULY 6, 2017.	/	.pdf - 19.4 MB	▶
08-17-2017	INCOMING CORRESPONDENCE	FOLLOWUP EMAILS	/	.pdf - 580.1 KB	▶
08-16-2017	PERIODIC SITE REPORTS	ENVIROFOCUS 070717 HYGIENE SO2 & NOX RATA	/	.pdf - 16.0 MB	▶
08-11-2017	PERIODIC SITE REPORTS	2017 SODA ASH SILO VE TEST REPORT.	/	.pdf - 644.2 KB	▶
08-10-2017	PERIODIC SITE REPORTS	ENVIROFOCUS 080317 EU026 BATTERY BREAKING STACK AUDIT REPORT.	/	.pdf - 3.6 MB	▶
08-04-2017	INCOMING CORRESPONDENCE	COMBINED ALL DP RECORDS AND DUST ALARM RECORDS	/	.pdf - 18.4 MB	▶
08-03-2017	PERIODIC SITE REPORTS	EU026 - BATTERY BREAKING VE & PM (ONLY) STACK TEST CONDUCTED ON AUGUST 3, 2017.	/	.pdf - 9.6 MB	▶
08-03-2017	PERIODIC SITE REPORTS	ENVIROFOCUS EU026 BATTERY BREAKING STR.	/	.pdf - 4.6 MB	▶
08-02-2017	PERIODIC SITE REPORTS	ENVIROFOCUS JAN-JUN 2017 NESHAP SAM REPORT	/	.pdf - 4.9 MB	▶
08-01-2017	PERIODIC SITE REPORTS	ENVIROFOCUS JAN-JUN 2017 TV SAM REPORT	/	.pdf - 6.7 MB	▶
08-01-2017	INSPECTION RELATED	COMPLETED ACTIVITY DETAIL REPORT_298233	/	.pdf - 22.6 KB	▶
07-31-2017	PERIODIC SITE REPORTS	ENVIROFOCUS EU038 TORIT DNE PM & PB STR	/	.pdf - 6.5 MB	▶
07-21-2017	PERIODIC SITE REPORTS	ENVIROFOCUS TORIT ABC PM & PB STACK TEST REPORT..	/	.pdf - 20.5 MB	▶
07-21-2017	PERIODIC SITE REPORTS	2017 TORIT ABC PM & PB STACK TEST REPORT FOR TEST CONDUCTED ON JULY 21, 2017	/	.pdf - 20.5 MB	▶

- Displays list of documents from OCULUS, with the most recent first.
- Click on the red arrow to view document.



Electronic Tools

Nexus Data Link “F”

Home

Home > Search Facility > Facility Search Results > Facility Information

Facility Information | Compliance and Enforcement | Emissions Information | Location

General Facility Information

Facility ID:	0570057	County:	Hillsborough
Owner/Company Name:	ENVIROPOCUS TECHNOLOGIES DBA GOMER RESO	Facility/Site Name:	ENVIROPOCUS TECHNOLOGIES
Address:	6525 Jewell Avenue TAMPA, FL 33619	Regulatory Classification(s):	Major Sources of air pollution; Major of Non-HAP Pollutants; Major of HAPs; NESHAP; NSPS
Facility Type:	SECONDARY METAL PRODUCTION	Designation(s):	Major Source of air pollution
SIC Code/Description:	3341-SECONDARY NONFERROUS METALS	NAICS Code/Description:	331492-Secondary Smelting, Refining, and Alloying of Nonferrous Metal (except Copper and Aluminum)
Facility Status:	Active	Facility Compliance Status:	OUT

Active Permits and Authorizations

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Number	Type	Sub Type	Project Name	Issued/Effective	Expiration Date
0570057-031-AV	Title V	Title V - Renewal	RENEWAL & INCORPORATE -030-AC	11/24/2015	11/24/2020
0570057-032-AV	Title V	Title V - Revision	REVISION TO INCORPORATE 030-AC	03/06/2017	11/24/2020
0570057-033-AC	Construction	Minor Modification	FURNANCE BURNER -PSD-404D	07/12/2017	07/12/2022

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Additional documents may be available in [Nexus](#)

Report Run Date: 10/23/2017

[Back to Search Results](#)

- For Air Facilities, it displays the AirInfo page for that facility. Will display different info for other programs.
- Tabs for Facility Summary, Compliance and Enforcement, Emissions (up to 10 years), and a GIS map.



Electronic Tools

Nexus Data Link "P"

Permitting Application Data Query Results:

Report Date: **October 23, 2017**
 Permit Count: **35**
 Select Applications for Project and Event Details

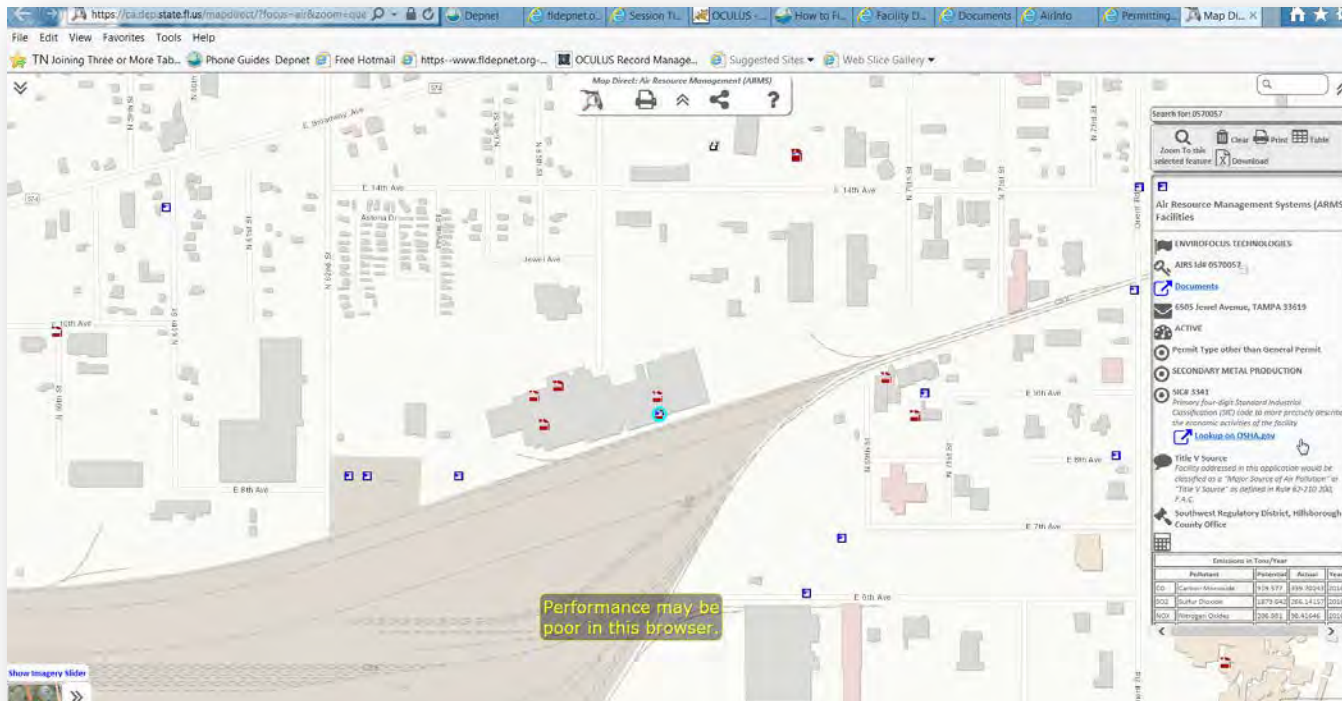
#	Office	County	Application #	Fac/Site Name	Project Name	Permit Type / Subtype	Received	Application Action	Agency Action	Agency Action Date	Time In House	KAI Count	Expiration Date	Applicant	Applicant Company	Agent	Agent Company	Processor	Current Status
1	TAL	HILLSBOROUGH	0570057-030AC	ENVIROFOCUS TECHNOLOGIES	FURNANCE BURNER -PSD-404D	AC M1	4/27/2017	MODIFICATION	Issued	7/12/2017	76	0	7/12/2022	RUSSELL KEHE	BARBOLL ENVIRON US CORP.	-	-	READ_D	CLOSED
2	TAL	HILLSBOROUGH	0570057-030AC	ENVIROFOCUS TECHNOLOGIES	EXTENSION REQUEST FOR 030-AC	AC M1	12/5/2016	MODIFICATION	Issued	12/6/2016	1	0	6/30/2017	ANGELA EOGARTY	ENVIROFOCUS TECHNOLOGIES DBA GOPHER RESOURCE	-	-	READ_D	CLOSED
3	SWHI	HILLSBOROUGH	0570057-030AC	ENVIROFOCUS TECHNOLOGIES	REVISION TO INCORPORATE 030-AC	AV 02	9/12/2016	MODIFICATION	Issued	3/6/2017	175	0	11/24/2020	CHRISTOPHER SWANBERG	ENVIROFOCUS TECHNOLOGIES DBA GOPHER RESOURCE	-	-	NASSERI_SN	CLOSED
4	TAL	HILLSBOROUGH	0570057-030AC	ENVIROFOCUS TECHNOLOGIES	EXTENSION	AC M1	11/20/2015	MODIFICATION	Issued	12/9/2015	19	0	12/31/2016	ANGELA EOGARTY	ENVIROFOCUS TECHNOLOGIES DBA GOPHER RESOURCE	-	-	READ_D	CLOSED
5	SWHI	HILLSBOROUGH	0570057-030AC	ENVIROFOCUS TECHNOLOGIES	RENEWAL & INCORPORATE 030-AC	AV 05	3/13/2015	RENEWAL	Issued	11/24/2015	256	1	11/24/2020	CHRISTOPHER SWANBERG	ENVIROFOCUS TECHNOLOGIES DBA GOPHER RESOURCE	-	-	NASSERI_SN	CLOSED
6	TAL	HILLSBOROUGH	0570057-030AC	ENVIROFOCUS TECHNOLOGIES	AB171-REVISE NOX-PSD-404C	AC M1	4/19/2013	MODIFICATION	Issued	7/14/2014	451	2	6/30/2017	JOHN TAPPER	ENVIROFOCUS TECHNOLOGIES, LLC	-	-	READ_D	CLOSED
7	TAL	HILLSBOROUGH	0570057-020AC	ENVIROFOCUS TECHNOLOGIES	AP233-ADMINISTRATIVE CORRECTION	AC 20	9/17/2012	MODIFICATION	Issued	9/20/2012	3	0	9/20/2017	JOHN TAPPER	ENVIROFOCUS TECHNOLOGIES, LLC	-	-	READ_D	CLOSED
8	TAL	HILLSBOROUGH	0570057-020AC	ENVIROFOCUS TECHNOLOGIES	AC012-PSD-404C - EXTENTION	AC M1	9/12/2012	MODIFICATION	Issued	9/13/2012	1	0	1/6/2013	JOHN TAPPER	ENVIROFOCUS TECHNOLOGIES, LLC	-	-	SVEC_E	CLOSED
9	TAL	HILLSBOROUGH	0570057-020AC	ENVIROFOCUS TECHNOLOGIES	AC013-PSD-404B -502 EMISSIONS	AC M1	8/1/2012	MODIFICATION	Issued	12/14/2012	135	1	12/31/2014	JOHN TAPPER	ENVIROFOCUS	-	-	READ_D	CLOSED
10	TAL	HILLSBOROUGH	0570057-020AC	ENVIROFOCUS TECHNOLOGIES	EXTENSION FOR EXPIR-PSD 404A	AC M1	3/12/2012	MODIFICATION	Issued	4/3/2012	22	0	6/30/2014	LARRY EAGAN	ENVIROFOCUS TECHNOLOGIES, LLC	-	-	READ_D	CLOSED
11	SWHI	HILLSBOROUGH	0570057-020AC	ENVIROFOCUS TECHNOLOGIES	TV RENEWAL	AV 05	8/4/2011	RENEWAL	Issued	1/3/2012	152	0	1/3/2017	JOHN TAPPER	ENVIROFOCUS	-	-	HATHAWAY_SR	CLOSED
12	SWHI	HILLSBOROUGH	0570057-020AC	ENVIROFOCUS TECHNOLOGIES	VENTILATION SYSTEM MODIFICATIO	AC 1F	8/15/2010	MODIFICATION	Issued	3/4/2011	262	0	9/13/2011	JOHN TAPPER	ENVIROFOCUS TECHNOLOGIES, LLC	-	-	SIMS_J	CLOSED
13	TAL	HILLSBOROUGH	0570057-020AC	ENVIROFOCUS TECHNOLOGIES	EXT FOR INSTALL AAM STATIONS	AC M1	12/29/2009	MODIFICATION	Issued	4/16/2010	108	0	4/30/2010	LARRY EAGAN	ENVIROFOCUS TECHNOLOGIES, LLC	-	-	READ_D	CLOSED
14	SWHI	HILLSBOROUGH	0570057-020AC	ENVIROFOCUS TECHNOLOGIES	INCLUDE 018 & 021-AC	AV 02	9/25/2009	MODIFICATION	Issued	5/16/2011	598	1	3/16/2012	JOHN TAPPER	ENVIROFOCUS TECHNOLOGIES, LLC	-	-	SIMS_J	CLOSED
15	SWHI	HILLSBOROUGH	0570057-020AC	ENVIROFOCUS TECHNOLOGIES	SODIUM BICARBONATE INJECTION S	AC 1F	12/8/2008	MODIFICATION	Issued	1/16/2009	39	0	6/23/2011	JOHN TAPPER	ENVIROFOCUS TECHNOLOGIES, LLC	-	-	WOODARD_S	CLOSED
16	TAL	HILLSBOROUGH	0570057-020AC	ENVIROFOCUS TECHNOLOGIES	EXPAND BATTERY RECYCLING FAC	AC 1A	8/13/2008	MODIFICATION	Issued	9/22/2009	405	6	6/30/2012	JOHN TAPPER	ENVIROFOCUS TECHNOLOGIES, LLC	-	-	READ_D	CLOSED

Displays list of Permit Projects for the facility, including Processor and Status.



Electronic Tools

Nexus Data Link "M"



Displays a GIS Map (MapDirect) with the location highlighted. Blue symbols are the facility's overall location, Red Symbols are emission points.



Electronic Tools

Nexus Data Link “Q”

The screenshot shows the Nexus Business Portal interface. At the top left is the Florida Department of Environmental Protection logo. The main header reads "BUSINESS PORTAL" and "Nexus Enterprise Solutions". A session timer indicates "YOUR SESSION WILL TIME OUT IN -- MINUTES". Navigation links include "Register", "Already have an account? Sign In", and a breadcrumb trail: "Search Home » Facilities Search Results » Quality Control".

Quality Control

Providing Feedback

We appreciate your assistance in helping to correct and validate our data. If you would like to send feedback to this Program Area, please select the contact hyperlink below and follow the instructions for providing feedback.

The contact for this Program Area is : DARM.Helpdesk@dep.state.fl.us

Feedback Instructions
Please include the following information in your feedback:

- What type of feedback you are providing (i.e. data error, question, compliant, problem, or a suggestion).
- The focus of your feedback (i.e. facility status, facility contact, location data, website content, website operations, or a program question).
- Please include your name, email address, and telephone number so we may contact you. You may also include your address and fax number.

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Tells you who to contact to report a data issue or a question regarding that facility record.



Electronic Tools

A quick word about AirInfo...

- Search Air Facility Data
 - Facility Characteristics
 - Location,
 - SIC/NAICS,
 - Facility Type
 - Regulatory Classification
 - Compliance and Enforcement
 - Inspections
 - Enforcement
 - Penalty
 - Emissions Data by
 - selected pollutants
 - Level emitted (i.e. "Greater than 10 tons")
 - By year or for last 10 years



Electronic Tools

Useful Links

- New DARM Website

<https://floridadep.gov/air/>

- How to Find Air Documents Online

<https://floridadep.gov/air/air-director/content/how-find-air-documents-online>

- AirInfo

<http://prodenv.dep.state.fl.us/DarmAircom/public/searchFacilityPILoad.action>



Electronic Tools

Useful Links

- Air Permit Documents Search (APDS)

<https://fldep.dep.state.fl.us/air/emission/apds/default.asp>

- OCULUS

<https://depedms.dep.state.fl.us/Oculus/servlet/login>

- DEP Information Portal

<http://prodenv.dep.state.fl.us/DepNexus/public/searchPortal>



Electronic Tools

For Assistance

- Contact the DARM Helpdesk

DARM.Helpdesk@dep.state.fl.us

(850) 717-9012

- Elizabeth Walker

Elizabeth.Walker@dep.state.fl.us

(850)717-9008