POST

A Sneak-peek at "Air Ai

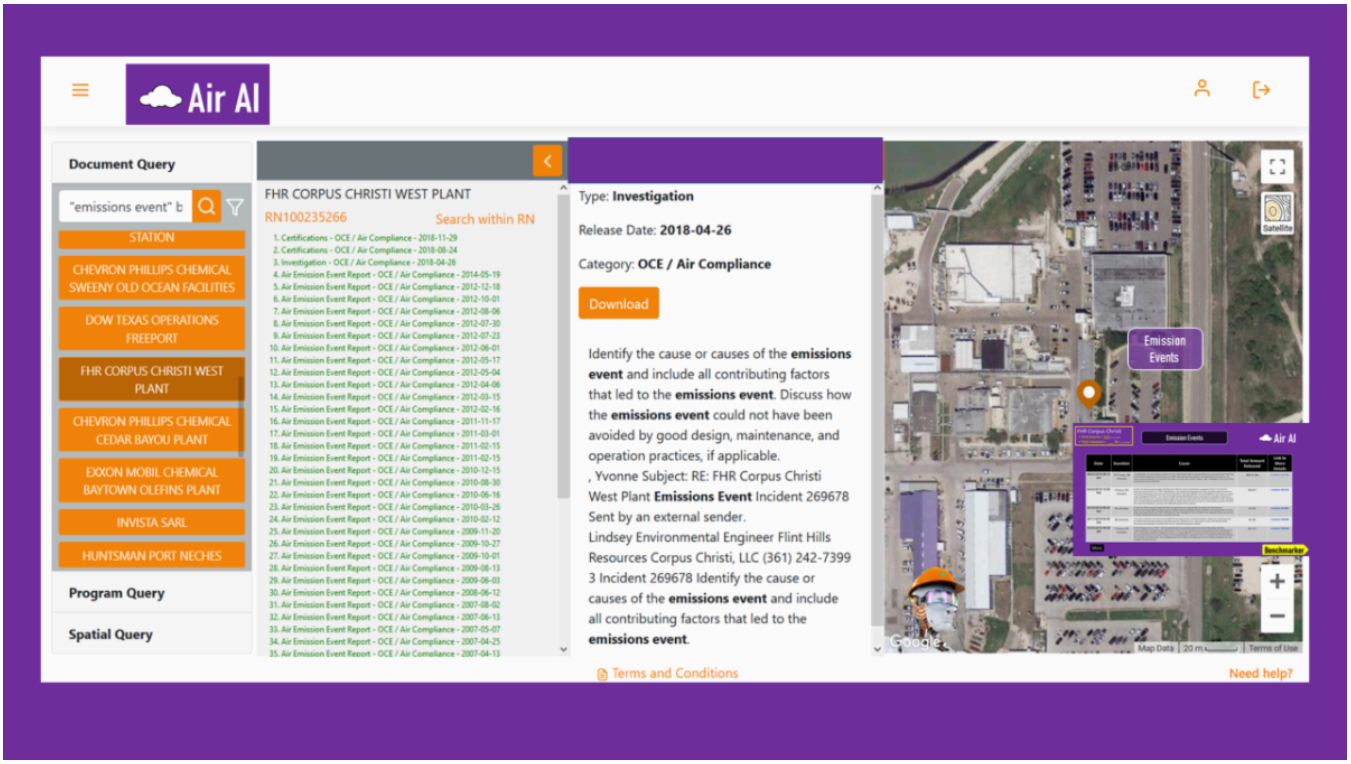
February 18, 2020

Unveiling of 1st Module

Sneak-peek at “Air AI”

Ceres AI’s first “Air AI” module, focused on permitting documents and emission events, is scheduled to be released on March 1st.

Air AI


Air AI
Document Query
"emissions event" b
STATION
CHEVRON PHILLIPS CHEMICAL SWEENY OLD OCEAN FACILITIES
DOW TEXAS OPERATIONS FREEPORT
FHR CORPUS CHRISTI WEST PLANT
CHEVRON PHILLIPS CHEMICAL CEDAR BAYOU PLANT
EXXON MOBIL CHEMICAL BAYTOWN OLEFINS PLANT
INVISTA SARL
HUNTSMAN PORT NECHES
Program Query
Spatial Query
FHR CORPUS CHRISTI WEST PLANT
RN100235266
Search within RN
Type: Investigation
Release Date: 2018-04-26
Category: OCE / Air Compliance
Download
Identify the cause or causes of the emissions event and include all contributing factors that led to the emissions event. Discuss how the emissions event could not have been avoided by good design, maintenance, and operation practices, if applicable.
, Yvonne Subject: RE: FHR Corpus Christi West Plant Emissions Event Incident 269678 Sent by an external sender.
Lindsey Environmental Engineer Flint Hills Resources Corpus Christi, LLC (361) 242-7399 3 Incident 269678 Identify the cause or causes of the emissions event and include all contributing factors that led to the emissions event.
Emission Events
Terms and Conditions
Need help?

FHR Corpus Christi
- Total events = 215 (since 2004)
- Total released = ___ lbs (since 2004)

Emission Events

Air AI

Date	Duration	Cause	Total Amount Released	Link to More Details
09/23/2019 08:10 AM	777 hours, 50 minutes	"On September 23, 2019, at approximately 8:10 AM, hydrocarbon material was discovered in an on-site concrete flume ditch at the Flint Hills Resources Corpus Christi, LLC ("FHR") West Refinery that resulted in unauthorized emissions to air. The material was traced back to an upstream stormwater hub within the refinery; however, after investigation, the source of the hydrocarbon was not identified."	344.11 lbs	Incident 321476
04/23/2019 10:55 PM	4 hours, 43 minutes	On April 23, 2019, at approximately 10:55 PM, the CO Boiler in the Fluid Catalytic Cracking Unit ("FCCU") at Flint Hills Resources Corpus Christi, LLC ("FHR") West Refinery was inadvertently bypassed resulting in unauthorized emissions to air. The cause of the bypass was due to the loss of liquid level in seal tank 018D101. The loss of 018D101 liquid level is currently under investigation. However, preliminary findings indicate that 018D101's drain valve was not completely closed, due to what FHR believes is from residual catalyst caught in the valve during the March 25, 2019 FCCU shutdown. On April 23, 2019, data indicates 018D101 started draining through the slightly open drain valve. On April 23, 2019, at approximately 10:55 PM, the liquid level of 018D101 resulted in an inadvertent bypass of the CO Boiler.	410.97	Incident 307152
04/23/2019 09:45 AM	45 minutes	On April 23, 2019, at approximately 9:45 AM, during decommissioning activities, two holes were discovered on decommissioning piping of the Mobil Selective Toluene Disproportionation Process ("MSTDP") Unit located at the Flint Hills Resources Corpus Christi, LLC ("FHR") West Refinery. The investigation for this incident is still ongoing; however, preliminary findings indicate that the holes were caused by corrosion.	67.55	Incident 307084
04/11/2019 04:00 PM	30 minutes	A mix tank, utilized for out of service tank 08FB109 cleaning operation, spilled tank bottoms material to containment and soil. FHR initially reported a potential reportable quantity of benzene to air. Upon further review, FHR has refined the calculations and has determined that there were no reportable quantities released.	65.36	Incident 306468
03/25/2019 09:29 AM	3 hours, 24 minutes	Flint Hills Resources, LLC ("FHR") initially reported potential reportable quantities for particulate matter, benzene, unspeciated VOCs, and opacity to air. Upon further review, FHR has refined the calculations and has determined that there were no reportable quantities released for benzene or unspeciated VOCs. On March 25, 2019 at approximately 9:29 AM, a hole was discovered on the reactor stripper in the fluidized catalytic cracking unit ("FCCU") located at the FHR West Refinery that resulted in emissions to air. The investigation for this incident is still ongoing, but initial findings indicate the hole was caused by refractory failure.	417.27	Incident 305436

More

Benchmarker

More information on Ceres AI (http://r20.rs6.net/tn.jsp?f=001SmfiQeMdPuQI3LMwfvHLnqyNEPvPUWpovv1IcvdmCoVaIR7nias6kSrHMhgixlDBL-tZ4Ge95Pw14DhweQfxVwgdnB48zJ-qKxtOAsPPNAaBrGazLIorObyZa8AvBYlmtwr_mj6zEWEuyhJ_SHPt_Q==&c=&ch=)

This is an advertisement for Ceres AI LLC

Original source: Constant Contact campaign

Markdown source: https://jedanderson.org/posts/a-sneak-peek-at-air-ai.md (https://jedanderson.org/posts/a-sneak-peek-at-air-ai.md)

Source on GitHub: /src/content/posts/a-sneak-peek-at-air-ai.md (https://github.com/jedanderson432/jedanderson-site/blob/main/src/content/posts/a-sneak-peek-at-air-ai.md)