

Examples of BluBird-detected emission events confirmed by customers within the past 18 months (October 2022 - June 2024). (Entries in quotes are direct statements received from customers. Emissions alerts are typically set at a minimum rate of 0.1 MCFH [~ 1.8 kg/hr]).		
7/10/2024; Texas	high concentration alert**	"Hung dump valve so dumping gas to tanks"
6/19/2024; Texas	high concentration alert	"Hung dump valve, so was full Gas stream to tank. Discovered with Earthview alert first. Scada caught it but just the way it polls we noticed with Earthview first."
6/18/2024; Texas	0.2 MCFH	"Found a leaking dump control in SW corner."
6/11/2024; Texas	0.03 MCFH	"One of the pneumatic pumps at wellhead pumping chemical had a small constant leak "
5/19/2024; Texas	1.3 MCFH	"hung dump valve on compressor"
5/11/2024; Texas	high concentration alert	"Was a hung dump valve. Had pumper go by early and found it."
5/11/2024; Texas	0.1 MCFH	leaking regulator
4/11/2024; Pennsylvania	1.6 MCFH	"venting on a well"
4/9/2024; Oklahoma	0.7 MCFH	Earthview confirmation***
4/5/2024; Texas	high concentration alert	"Pumper just pulled into location and same dump was slightly leaking as the other day..."
4/4/2024; Pennsylvania	1.7 MCFH	"...venting for liquid unloading..."
3/22/2024; Texas	3.0 MCFH	leak in mid-stream pipeline outside of the pad boundaries
3/20/2024; Texas	0.1 MCFH	"Leaking dump valve controller along with a small leaking PRV..."
3/19/2024; Texas	high concentration alert	"...little diaphragm pump...constantly seeping gas, nothing major."
3/13/2024; Texas	high concentration alert	"...sure enough a dump control was steadily seeping gas."
3/3/2024; Texas	high concentration alert	"Pumper just called and he had a dump valve that was slightly cracked..."
2/14/2024; Pennsylvania	0.1 MCFH	"...well liquid unloading event going on."
1/29/2024; Oklahoma	0.5 MCFH	well venting to tanks during maintenance
1/23/2024; Texas	1.3 MCFH	"...found a tiny seeping leak in close proximity to the other leak discovered last week."
1/18/2024; Texas		"slight leak from meter". "barely audible"
1/5/2024; Oklahoma	2.8 MCFH	compressor blowdown event
11/8/2023; California	0.2 MCFH	"Gas compressor leak"
10/9/2023; California	1.3 MCFH	hung dump valve
10/6/2023; Texas	0.2 MCFH	" Found a seeping weep hole on compressors dump."

10/3/2023; Texas	2.9 MCFH	" dump valve on the compressor leaking"
9/27/2023; California	2.6 MCFH	"Unloaded gas compressor condensate and scrubber into tanks"
9/18/2023; Texas	0.2 MCFH	" Good Job! We had an oil dump hung open."
8/28/2023; California	1.2 MCFH	tank servicing
8/22/2023; Pennsylvania	1.5 MCFH	" Releases from a tank blowdown event."
7/29/2023; Texas	1.0 MCFH	"'very small leak' on the atomizer"
7/27/2023; Texas	1.8 MCFH	"Positive alarm, chemical injection atomizer was leaking on the discharge line of the compressor"
7/24/2023; Texas	4.0 MCFH	" Positive alarm. Would have leaked all night until morning check if not for nodes."
6/25/2023; California	0.8 MCFH	waste-water tank unloading
6/19/2023; California	3.2 MCFH	" Dumped Scrubber"
6/14/2023; California	2.5 MCFH	" Dumped condensate from scrubber"
6/8/2023; California	0.9 MCFH	" VAC truck pulling fluid"
6/7/2023; California	0.3 MCFH	" VRU down for maintenance"
5/10/2023; California	3.2 MCFH	" dumped condensate from the Scrubber which produced a Hi Gas Blanket Alarm"
5/5/2023; California	2.7 MCFH	" was working on clean out."
4/21/2023; California	1.3 MCFH	" Smelled gas near WWTank. Possible PRV lift. Event stopped after closed valve"
3/31/2023; Texas	4.9 MCFH	" Positive alarm due to compressor being down and POV going off"
3/21/2023; Texas	0.6 MCFH	" turned off supply to leaking pump and cranked compressor"
3/16/2023; California	0.5 MCFH	" unloading water into tanks"
3/13/2023; California	0.4 MCFH	" I can smell the exhaust from the petrotherm A blowing towards the earth view unit and half the pilots are not lit."
2/24/2023; California	0.3 MCFH	"We are currently using a vac truck to push produced water into ."
2/20/2023; California	0.8 MCFH	" I dumped the condensate in the Padre Scrubber and opened the condensate line"
2/9/2023; California	1.6 MCFH	" Throughout the day we had 3 vac trucks loading wastewater in the wastewater tank at , which was the cause of the emissions alarms at ."

2/9/2023; Texas	3.6 MCFH	They are venting gas to the tanks, so this is positive alarm"
2/8/2023; Texas	3.2 MCFH	" Due to POV going off on [REDACTED] separator."
2/7/2023; California	0.2 MCFH	" Leaks were found on a couple of tanks"
2/1/2023; Texas	3.7 MCFH	" dump control was seeping gas again"
1/30/2023; Texas	9.0 MCFH	" dump valve was hung open"
1/24/2023; California	0.1 MCFH	" this could be we were changing filters"
1/16/2023; Texas	19.2 MCFH	" that event earlier in the week was indeed a hung dump valve"
1/10/2023; Texas	4.0 MCFH	"Positive alarm. All alarms on [REDACTED] today was due to a hung dump valve"
12/16/2022; Texas	4.0 MCFH	" there was a hung dump valve earlier this morning"
11/21/2022; Texas	2.1 MCFH	"Have been unloading straight to the (tanks)""
11/5/2022; Texas	1.1 MCFH	" The increase in alarms on this location lately can be attributed to a hung dump valve on the compressor."
10/27/2022; Texas	1.1 MCFH	" This alarm can be attributed to blowing down the compressor on location."
10/20/2022; Texas	0.6 MCFH	" These alarms on the [REDACTED] can be attributed to blowing down the compressor"
<p>* Emission rate alert level is set by the Customer and does not reflect minimum detection levels.</p> <p>** High concentration alerts are issued if observed CH4 concentrations are unusually high but other criteria do not result (or not yet result) in issuing an emission rate-based alert or an alarm.</p> <p>*** Emission confirmed by Earthview personnel using a handheld laser-based remote methane detector.</p>		