

**Veren Inc.**

**Alt-FEMP Pilot Program  
2024 Final Performance Report**

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## Executive Summary

Veren Inc. (Veren) is a Western Canadian upstream oil and gas producer who was granted approval (under its former company name Crescent Point Energy) on July 25, 2023, to implement a pilot alternative Fugitive Emissions Management Program (alt-FEMP) across their operated facilities in Alberta. The alt-FEMP was designed to achieve greater fugitive emissions reductions than a default program under the Alberta Energy Regulator's (AER) Directive 060, and was approved until December 31, 2024.

In April 2024, Veren made updates to the facilities included in the alt-FEMP program due to the divestment of select facilities included in the alt-FEMP approval and the acquisition of new facilities not included in the alt-FEMP. There were no changes to the alt-FEMP program design from the facility changes. The alt-FEMP program was remodelled with the facility changes which showed that the alt-FEMP program should still be considered equivalent to a default FEMP program, and the facility list changes were approved from the AER.

Each year, the alt-FEMP involves performing a comprehensive OGI survey of all triannual facilities, and two screenings (aerial-based and truck-based) with comprehensive follow-up surveys conducted at 40% of the screened sites after each screening. In addition, a selection of Crescent Point sites were designated as part of a representative Control Region where default surveys via optical gas imaging (OGI) camera, in accordance with AER Directive 060, would occur. The table below details the alt-FEMP's screening and follow-up activity completed in 2023 and the remaining activities to be completed in 2024.

With the alt-FEMP Pilot Program screenings and surveys completed, Veren will continue to use the data collected to track progress towards methane reduction targets and inform areas of improvement. This report summarizes data collected during the alt-FEMP screenings, follow-up OGI surveys and Control Region OGI surveys. The schedule of the program was as followed:

<u>Timing</u>	<u>Site Level Screening</u>	<u>OGI Surveys</u>	<u>Status</u>
Q2 2023	N/A	Comprehensive OGI surveys by Vertex Resource Group (Vertex) of all triannual facilities.	Completed
Q3 2023	Bridger Photonics, Inc. (Bridger) aerial-based screening	Comprehensive follow-up OGI surveys by Vertex at the top 40% of screened sites upon ranking all screened sites by total emission rate.	Completed
Q4 2023	Flux Lab ExACT (ExACT) truck-based screening completed by Vertex	Comprehensive follow-up OGI surveys by Vertex at the top 40% of screened sites upon ranking all screened sites by total emission rate.	Completed
Q2 2024	N/A	Comprehensive OGI surveys by Montrose Environmental Group (Montrose) and Vertex of all triannual facilities.	Completed
Q2 2024	Bridger aerial-based screening	Comprehensive follow-up OGI surveys by Vertex at the top 40% of screened sites upon ranking all screened sites by total emission rate.	Completed
Q3 2024	ExACT truck-based screening completed by Vertex	Comprehensive follow-up OGI surveys by Vertex at the top 40% of screened sites upon ranking all screened sites by total emission rate.	Completed

## 1. Screening Data

Table 1 summarizes various statistics regarding the screening campaigns across the alt-FEMP. Please note emissions detected during the screenings can be a combination of fugitive, vented and sporadic operations-related emissions. The detailed screening data is provided in an Excel attachment with this report, and the tables summarizing each site's total and individual emissions detected during each screening are provided in Appendix B and C, respectively.

*Table 1. Combined summary of screening data for 2023 and 2024.*

<u>Parameter</u>	<u>2023</u>	<u>2024</u>
Number of sites screened	206	151
Number of screened sites with detections	127	111
Number of detections during screenings	153	181
Percentage of screened sites with detections (%)	62	74
Average emissions per screened site with a detection (m <sup>3</sup> /day)	68.40	179.5
Total emission rate identified (m <sup>3</sup> /day)	8687	19927.1
Number of sites followed-up on	79	55
Percentage of sites followed-up on vs. screened (%)	38.3	36.4
Number of follow-up sites with no screening detections	2	1
Number of follow-up emissions with emission source not detected by the screening technology	38	14
Average time between detection and follow-up to site (days)	48	40

Percentage of follow-up sites that are recurring (%)	31.9	13
Number of emissions from the screenings that were followed-up on	101	112
Number of emissions from the screenings that were followed-up and identified as fugitive emissions	67	110
Total rate of fugitives identified and fixed for the calendar year (m <sup>3</sup> /day)	206.3	1156

## 2. Follow-up Data

Table 2 summarizes statistics regarding the OGI follow-up surveys of the alt-FEMP region conducted after a screening campaign. The raw detailed follow-up data is provided in an Excel attachment with this report.

OGI has the capability to localize emissions to a source-level. Also, the OGI operator can normally determine the emission type. Table 3 shows the emission source equipment types for all identified emissions including the number and volume for each equipment type.

*Table 2. Summary of OGI follow-up data.*

Year	2023	2024
Number of sites followed-up on for the year	79	55
Percentage of screened sites followed-up on (%)	38	36.4
Percentage of sites with screening detections followed-up on (%)	77	49
Number of follow-up surveys where no emissions were found	3	0



Average time between detection and follow-up to site (days)		48	40
Percentage of follow-up sites that are recurring (for the calendar year – following-up on a site more than once)		32	13
Identified emission source types per follow-up per screening campaign (vent, fugitive, methane slip, other)		2 (Fugitives & Vents)	2 (Fugitives & Vents)
Number of detections by emission source type (n)	<b>Fugitives</b>	106	252
	<b>Vents</b>	567	252
	<b>Total</b>	673	504
Volume of detections by emission source type (m <sup>3</sup> /day)	<b>Fugitives</b>	339.7	1410
	<b>Vents</b>	2590.7	1753
	<b>Total</b>	2930.4	3163
Average emissions per follow-up site (m <sup>3</sup> /day)		37.1	57.5
Identified emission source equipment types per follow-up per screening campaign (e.g., tank, compressor seal)		See Table 3	See Table 3
Number of recurring leaks observed (if the leak occurred more than once per year)		8	14
Total emission rate of fugitives identified and fixed for the calendar year (m <sup>3</sup> /day)		206.3	1156

*Table 3. Number and volume of emission detections by equipment type during follow-up surveys.*

Identified emission source equipment types	2023		2024	
	Number of detections by equipment type	Volume of detections by equipment type (m <sup>3</sup> /d)	Number of detections by equipment type	Volume of detections by equipment type (m <sup>3</sup> /d)
controlled tank	0	0	0	0
dehydrator	4	15.3	23	56
flare stack	6	91.6	11	189.4
header	0	0	0	0
heater	3	9.5	12	35.9
meter	2	3.3	3	15.3
other	89	374.3	209	753
pig sender/receiver	2	8.4	0	0
pipeline - aboveground	1	3	0	0
pipeline - buried	0	0	0	0
pneumatic instrument	383	1237.1	0	0
pneumatic pump	55	214.6	0	0
reciprocating compressor	46	166.8	0	0
screw compressor	0	0	0	0
separator	24	61.5	117	820.2
surface casing vent	3	5.3	0	0
sweetening process	0	0	20	117.1
treater	2	3.7	4	2.4
uncontrolled tank	47	720.7	53	983.3
vent stack	0	0	0	0
wellhead	8	15.4	52	189.9

Total	675	2930.4	504	3162.5
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### 3. Independent OGI Survey Data

Table 4 summarizes statistics regarding the Independent OGI surveys at all triannual sites in the alt-FEMP region conducted after a screening campaign. The raw detailed follow-up data is provided in an Excel attachment with this report.

OGI has the capability to localize emissions to a source-level. Also, the OGI operator can normally determine the emission type. Table 5 shows the emission source equipment types for all identified fugitive emissions including the number and volume of emissions for each equipment type.

*Table 4. Summary of Independent OGI data.*

Year		2023	2024
Number of sites surveyed		41	45
Number of sites with detections		34	45
Percentage of sites with detections (%)		83%	100%
Identified emission source types per follow-up per screening campaign (vent, fugitive, methane slip, other)		Fugitive and Vent	Fugitive and Vent
Number of detections by emission source type (n)	Fugitives	35	128
	Vents	309	291
Volume of detections by emission source type (m <sup>3</sup> /day)	Fugitives	74.7	596
	Vents	1673.1	1065
Identified emission source equipment types per follow-up per screening campaign (e.g., tank, compressor seal)		See Table 5	See Table 5
Total number of detections (n) (Ref: Table 5)		344	419
Total volume of detections (m <sup>3</sup> /day) (Ref: Table 5)		1747.9	1660.6
Total emission rate of fugitives identified and fixed for the calendar year (m <sup>3</sup> /day)		74.70	523



Table 5. Number and volume of emission detections by equipment type during independent surveys.

Identified emission source equipment types	2023		2024	
	Number of detections by equipment type	Volume of detections by equipment type (m <sup>3</sup> /d)	Number of detections by equipment type	Volume of detections by equipment type (m <sup>3</sup> /d)
controlled tank	0	0	0	0
dehydrator	3	8.8	12	35.1
flare stack	1	6.6	0	0
header	0	0	2	4.9
heater	0	0	2	2.2
meter	0	0	1	8.2
other	72	363.8	127	465.1
pig sender/receiver	0	0	2	5.3
pipeline - aboveground	3	7.5	0	0
pipeline - buried	0	0	0	0
pneumatic instrument	211	783.6	0	0
pneumatic pump	23	78.5	0	0
reciprocating compressor	0	0	23	108.6
screw compressor	0	0	0	0
separator	4	7.6	123	348.6
surface casing vent	0	0	0	0
sweetening process	0	0	0	0
treater	0	0	4	5.2
uncontrolled tank	25	482.7	23	417
vent stack	0	0	0	0
wellhead	2	8.6	99	256.6
<b>Total</b>	<b>344</b>	<b>1747.9</b>	<b>419</b>	<b>1660.6</b>

## 4. Emissions Summary

### 4.1 Screening Summary

Figure 1 shows the distribution for site-total methane emission rates detected during screening campaigns in 2023 and 2024, capturing all types of methane emissions (fugitives, vents, methane slip and others). The graph allows one to discern how many site-total emission measurements reported emission rates within a certain range (e.g. emissions with rates between 0 and 100 m<sup>3</sup>/day where individual emissions on a single site from one screening are summed).

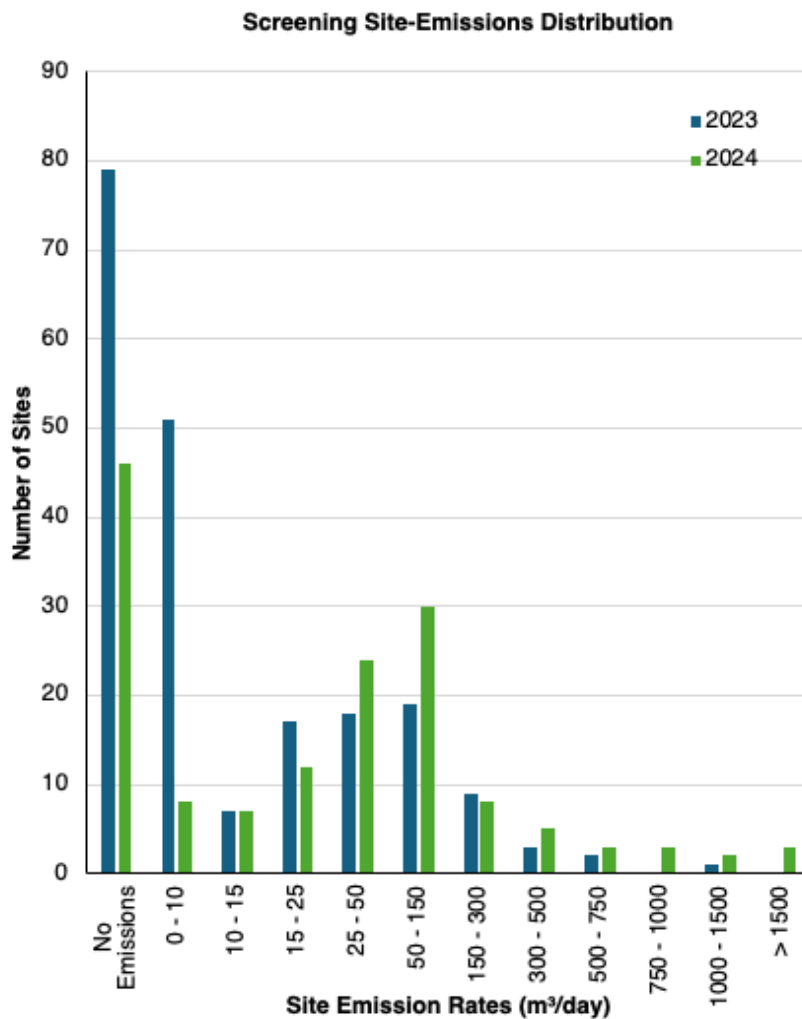


Figure 1: Distribution of site-total emission rates measured during screening campaigns.



Figure 2 shows the distribution for individual emission rates detected during the 2023 and 2024 screening campaigns. Screening technologies are generally unable to determine the type of methane emission measured (fugitives, vents, methane slip and others). The graph allows one to discern how many individual emission measurements had an emission rate within a certain range (e.g., emissions with rates between 0 and 100 m<sup>3</sup>/day).

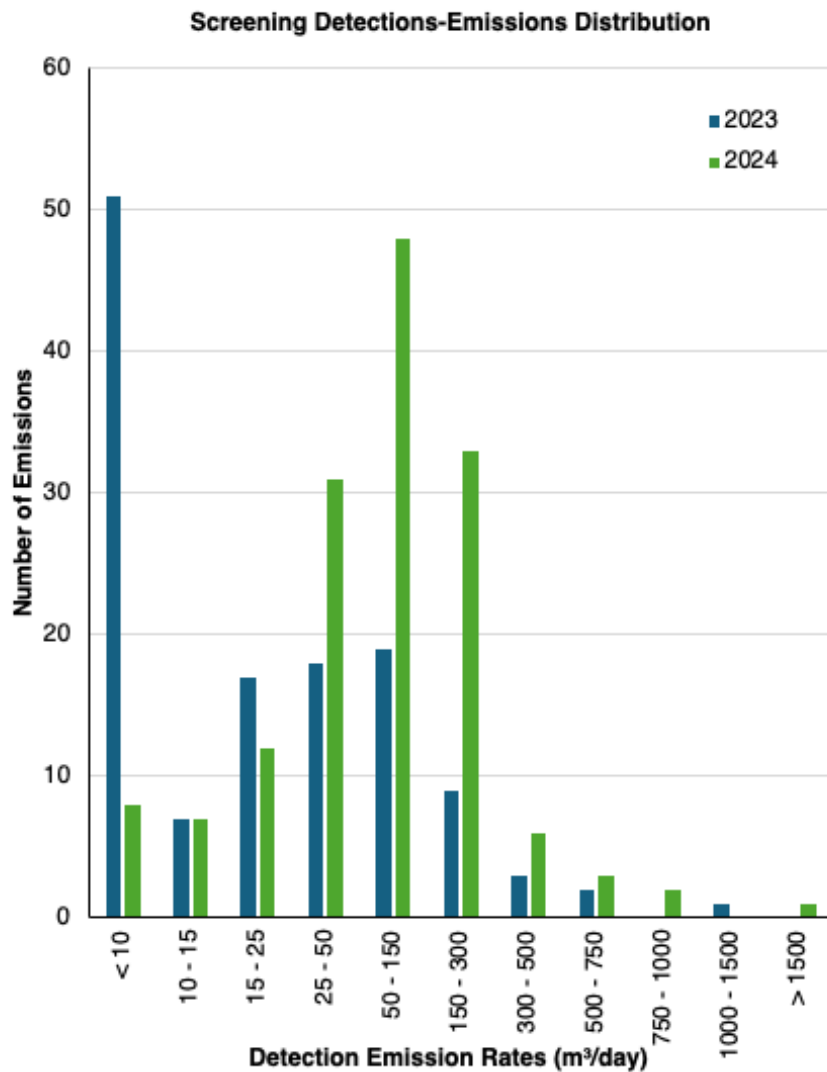


Figure 2: Distribution of individual emissions, by rate, measured during screening campaigns.



In general, screening technologies cannot discern fugitive emissions from other emission types, thus a graph depicting the emissions distribution specifically for fugitives detected during screenings could not be generated.

## 4.2 OGI Survey Summary

Figure 3 shows the emission rate distribution for site-total emissions detected during OGI survey campaigns of the alt-FEMP region, aggregating all methane emissions measured during that OGI campaign. The graph allows one to discern how many site-total emission measurements, by OGI, reported an emission rate within a certain range.

Figure 4 below shows the emission rate distribution for individual emissions detected during OGI survey campaigns. The graph allows one to discern how many individual OGI measurements had an emission rate within a certain range.

Figure 5 below shows the emission rate distribution for individual fugitive emissions detected during OGI survey campaigns. The graph allows one to discern how many individual fugitive emission measurements reported an emission rate within a certain range.

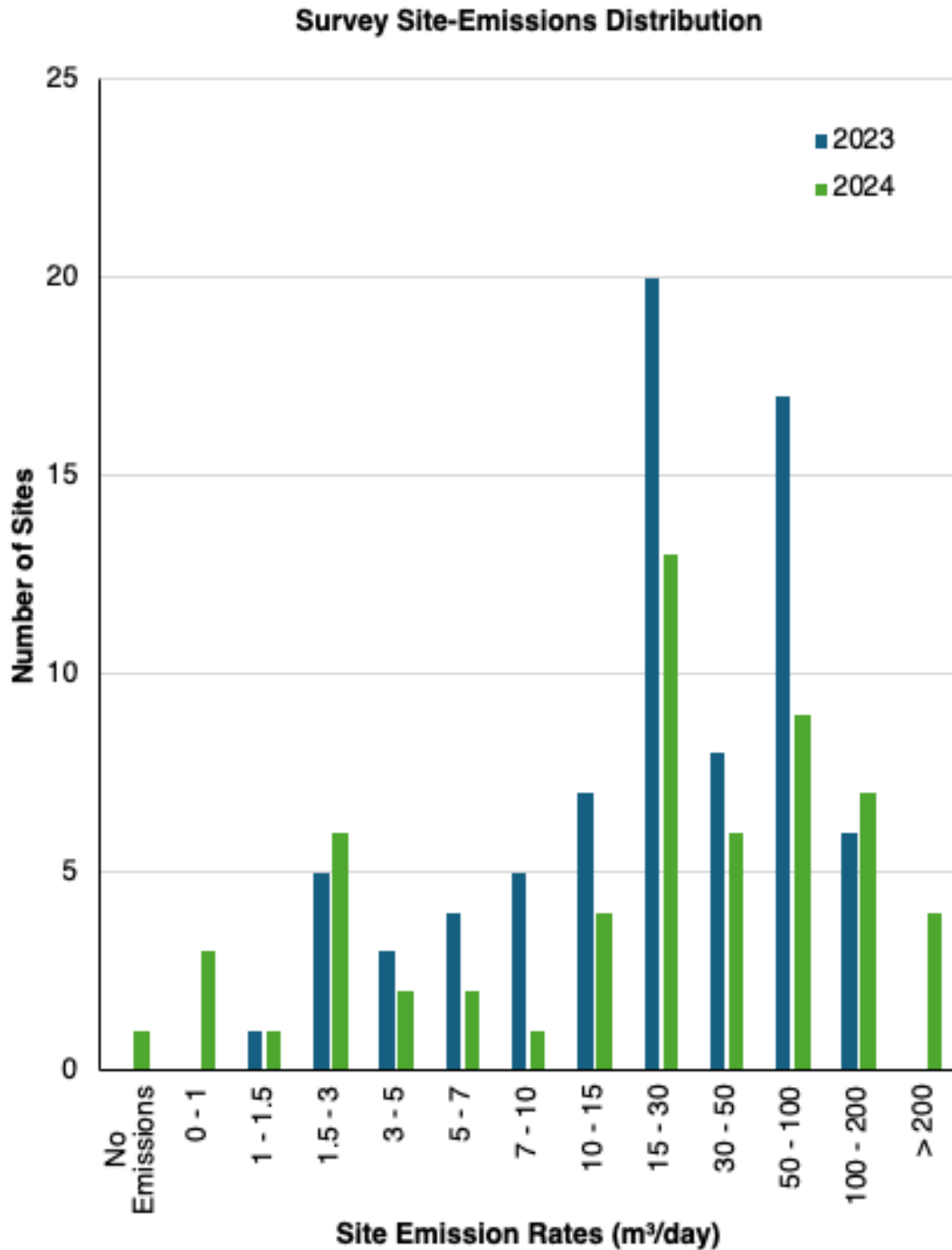


Figure 3: Distribution of site-total emission rates measured during alt-FEMP OGI survey campaigns.



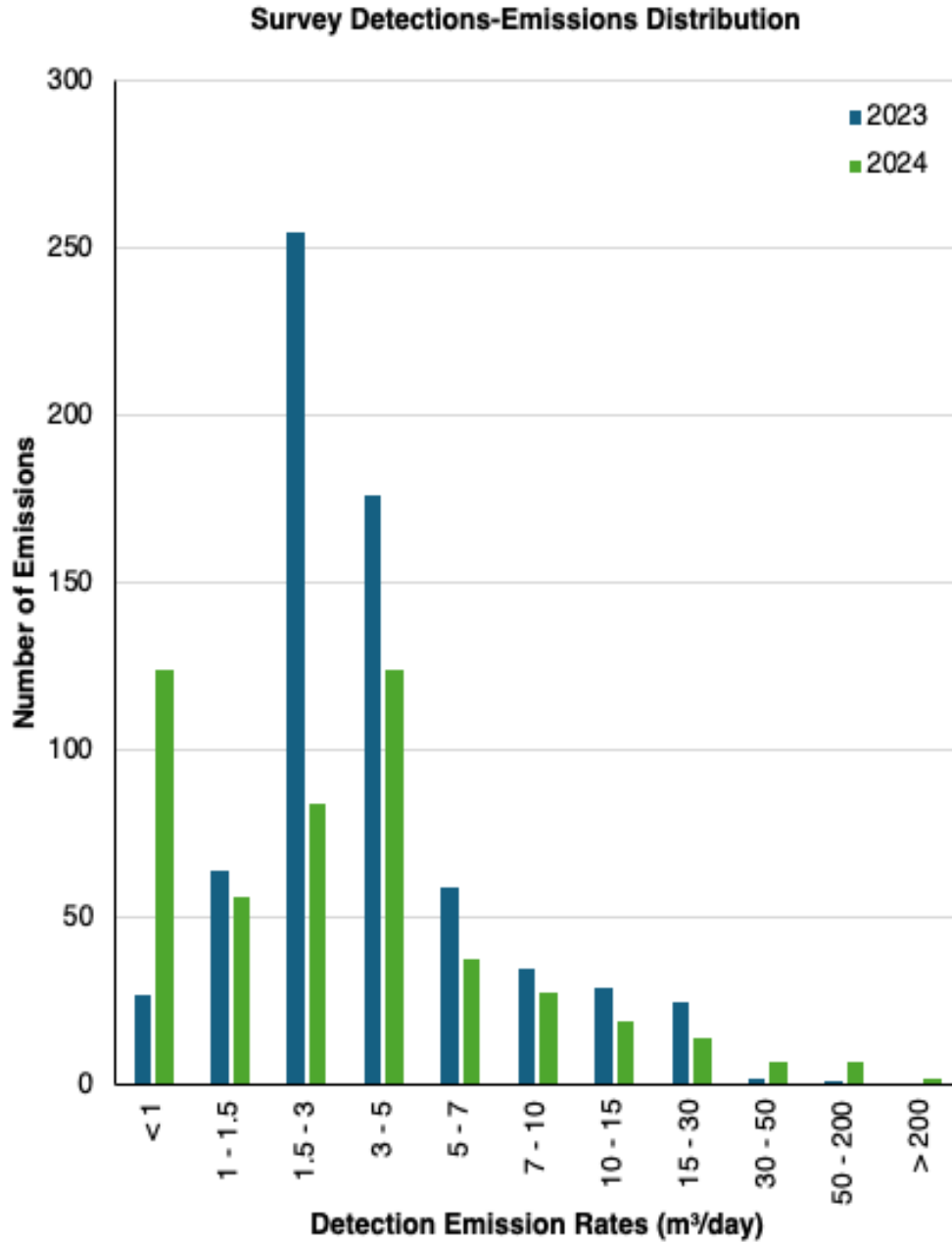


Figure 4: Distribution of individual emissions, by rate, measured during alt-FEMP OGI survey campaigns.



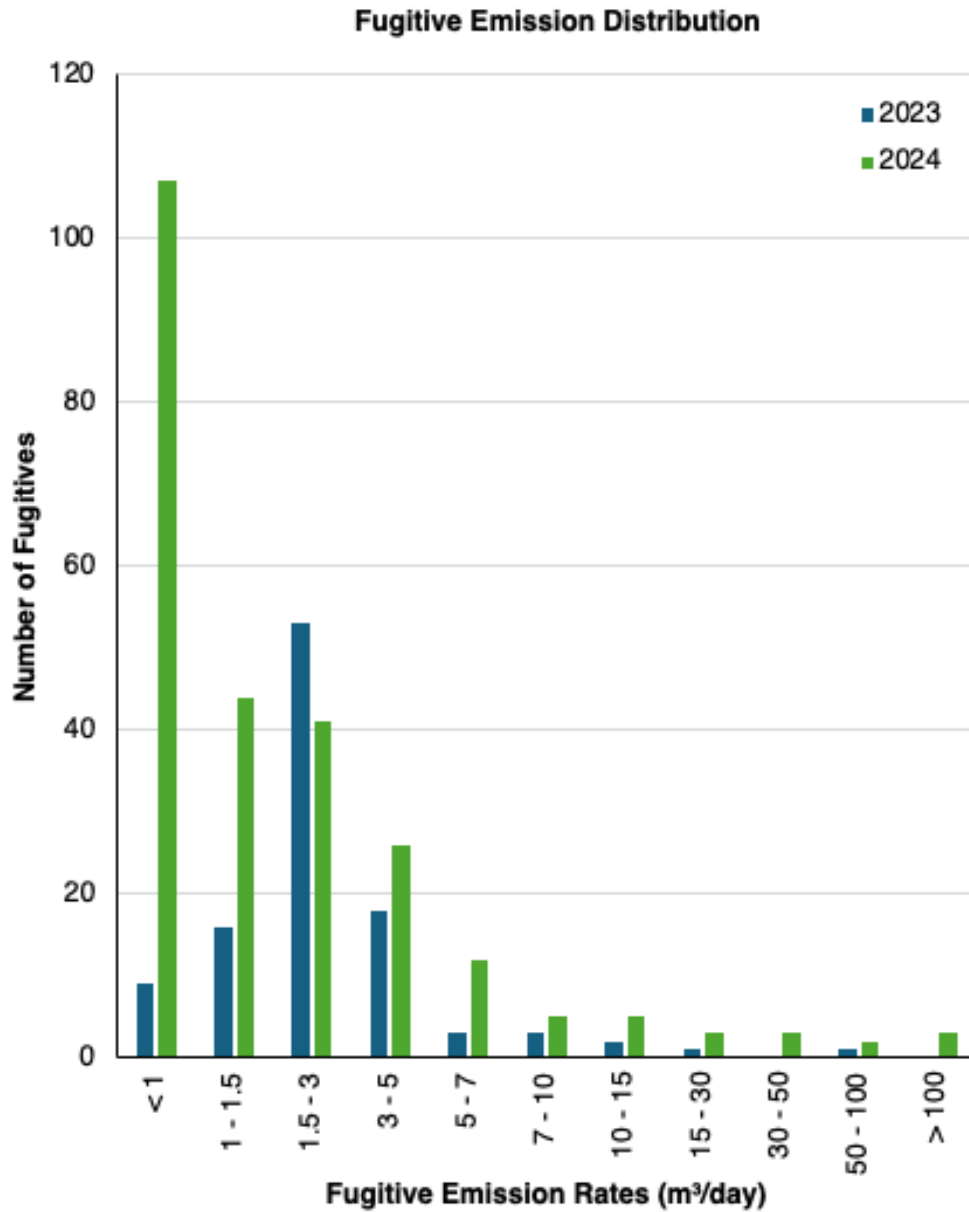


Figure 5: Distribution of fugitive emissions, by rate, measured during OGI survey campaigns (e.g. follow-up) of the alt-FEMP region.



### 4.3 Control vs. alt-FEMP Summary

Table 6 compares several metrics related to the sites surveyed and emissions detected via OGI surveys in the alt-FEMP vs. Control regions for the duration of the program. The average rates in the table are calculated per site per survey (e.g. the control site was surveyed six times in the two years and the average of these six was taken).

*Table 6. Comparison of the alt-FEMP and Control regions.*

	<b>alt-FEMP Region</b>	<b>Control Region</b>
Number of Sites Surveyed	168	74
Number of Surveyed Sites with Emissions Detected	159	47
Percentage of Surveyed Sites with Emissions Detected (%)	95%	64%
Number of Emissions Detected at Surveyed Sites	1440	675
Number of Surveyed Sites with Fugitive Emissions Detected	119	38
Percentage of Surveyed Sites with Fugitive Emissions Detected (%)	71%	51%
Number of Fugitive Emissions Detected	382	148
Number of Vent Emissions Detected	1058	527
Total Rate of Emissions Detected (m <sup>3</sup> /day)	7460.8	2919.5
Total Rate of Fugitive Emissions Detected (m <sup>3</sup> /day)	1801.7	396.2
Total Rate of Vent Emissions Detected (m <sup>3</sup> /day)	5659.1	2523.4
Average Fugitive Rate per Site with Fugitive Emissions Detected (m <sup>3</sup> /day)	15.1	10.4
Average Fugitive Rate for all Fugitive Emissions Detected (m <sup>3</sup> /day)	4.7	2.7
Number of Fugitive Emissions Repaired	318	138
Percentage of Fugitives Repaired (%)	83%	93%

## 5. Emission Reduction Summary

The fugitive emission data collected during the alt-FEMP was used to generate the as-found “measured fugitive emission distribution”. This consisted of all fugitive emissions recorded during the alt-FEMP follow-up surveys. Figure 6 shows a comparison of the as-found “measured fugitive emission distribution” to the “assumed fugitive emission distribution” employed in the modelling initially used to design the approved alt-FEMP. Additionally, the minimum detection limit (MDL) at 90% probability of detection (PoD) for the screening technology is displayed for reference.

A default Directive 060 FEMP program and the executed program were re-modelled using the as-found fugitive distribution using the AroFEMP software (Arolytics). Based on the re-modelling, the traditional default FEMP was predicted to emit 286,413 m<sup>3</sup> of methane emissions compared to 310,712 m<sup>3</sup> by the alt-FEMP.

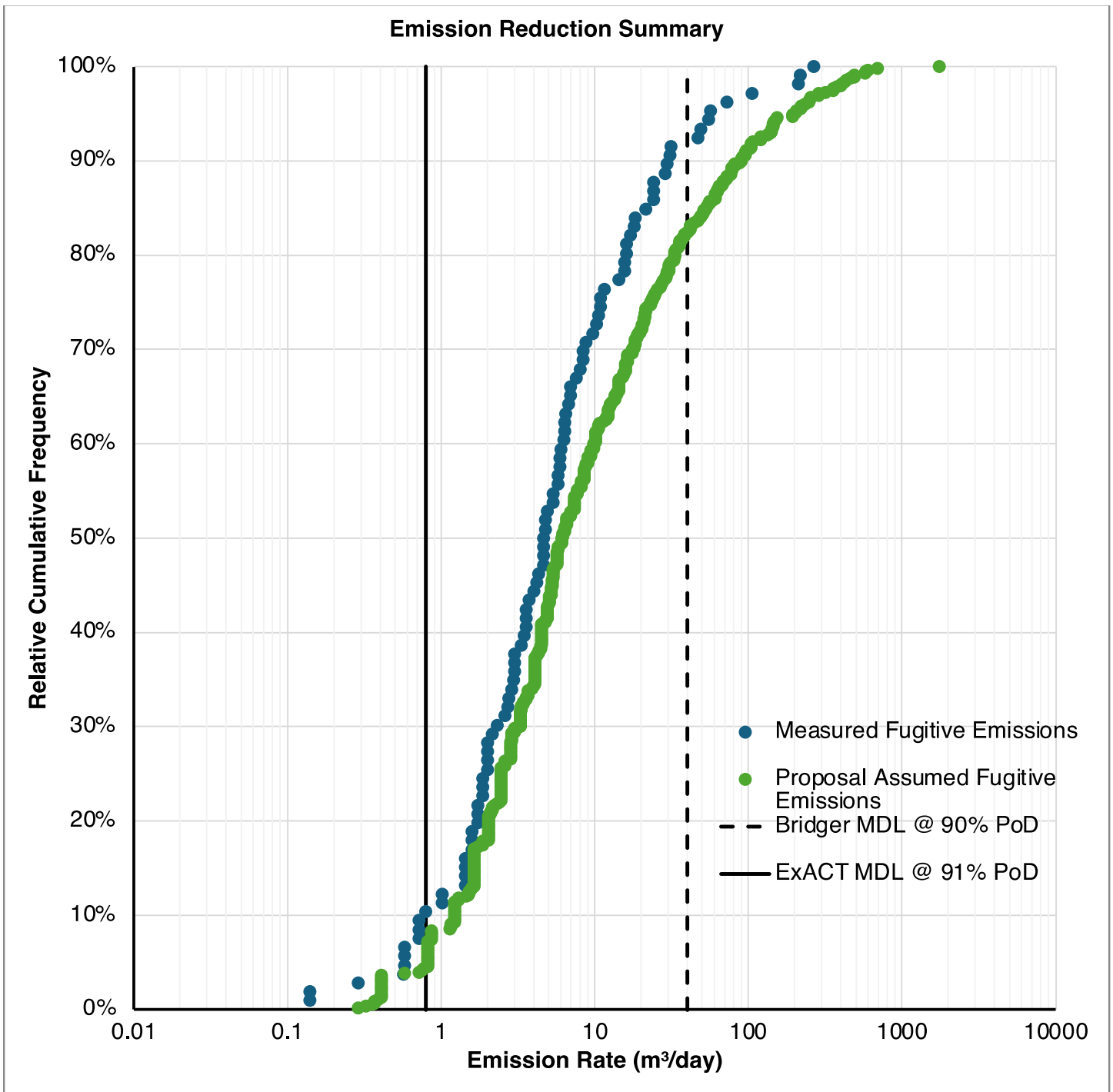


Figure 6. Comparison of relative cumulative frequencies for the “as-found” measured fugitive emissions versus the proposal-assumed fugitive emissions.



## 6. Technology Limitations

Bridger's detection sensitivity depends on factors including flight speed, flight altitude, measurement swath width, and wind speed. Many of these factors can be controlled by Bridger to tighten or loosen the sensitivity as required. Bridger's GML is an active, laser-based system, rather than a passive remote sensor that relies on the environment, so conditions such as cloud cover or shadows that can impair other aerial sensor technologies do not negatively impact GML. Regarding operations at northern latitudes, GML is moderately limited by snow cover and standing water. While GML will detect methane when there is snow on the ground, the detection sensitivity of the data is degraded. With standing water, Bridger's laser 'bounces' off and, as a result, no measurement is made. In several areas of Alberta, the muskeg landscape holds pockets of water in the warmer months. Based on testing and commercial projects completed in Alberta, the muskeg landscape has not negatively impacted Bridger's GML measurements. As a result of high winds rapidly dispersing emissions, Bridger limits its survey operations to ground wind speeds less than or equal to 25 mph. Bridger also implements a wind speed protocol to detect emissions at the lower end of GML's detection sensitivity. To avoid Bridger's limitations in snow, Bridger was only implemented in snow-free months (between late Spring and early Winter).

The ExACT technology is not impacted by cloud cover or shadows. ExACT can only reliably measure methane emissions in wind speeds of 0.8 metres per second or greater. The vehicle must be able to get downwind of an emission source for detection to occur. There are no limitations in required operational temperatures (ranges from -40°C to +40°C). ExACT can operate in moderate rain and snow-covered conditions without limitations.

## 7. Success of the alt-FEMP

The alt-FEMP was designed to meet methane emission equivalency to a default FEMP using alternative site screening technologies combined with OGI surveys. The execution of this program has been successfully completed as planned, including screening and OGI follow-up surveys, and OGI surveys of the Control Region according to Directive 060 requirements.

## 8. Nonperforming Program Elements

No issues to report.

## 9. Additional Control Measures

Any sites that were missed during screenings were automatically added to be followed-up on by OGI survey.

## 10. Additional Information

In April 2024, Veren received approval to remove certain divested facilities from the alt-FEMP and replace them with several newly acquired facilities. Veren remodelled the alt-FEMP with the new facilities which showed the alt-FEMP was expected to achieve equivalent emission reductions as a default Directive 060 FEMP.

## 11. Key Performance Indicators

- Veren was successful in implementing alternative technologies to conduct LDAR screening, where emissions were detected at 238 of the 357 facility screenings, representing an aggregated rate of 28,614 m<sup>3</sup>/day of methane.
- Over the course of the alt-FEMP, OGI follow-up surveys detected 382 fugitive methane emissions with a total combined rate of 1,802 m<sup>3</sup>/day.
- A total of 587 fugitive emissions were repaired under the alt-FEMP (including fugitives from follow-up OGI surveys, Control Region OGI surveys, and independent OGI surveys) as of the time of this report, representing 89% of all fugitives identified.
- See Table 6 for additional key performance indicators for both the alt-FEMP and control regions.

## **Appendix A: Raw Detailed Data**

Please refer to the attached excel file of the raw data collected during the screening and follow-up surveys titled "Veren AER Data Template.xlsx".

## Appendix B: Screening Data – Site-total Emissions by Campaign

Site	Year	Campaign	Site-Total Emission Rate (m3/d)	Site	Year	Campaign	Site-Total Emission Rate (m3/d)
09-07-082-05W6	2024	Bridger	2129	12-33-063-20W5	2024	ExACT	386.64
03-10-068-04W6	2024	Bridger	1935	03-26-069-05W6	2024	ExACT	250.01
09-03-068-04W6	2024	Bridger	1872	09-03-068-04W6	2024	ExACT	226.83
15-16-069-03W6	2024	Bridger	1069	10-21-065-03W6	2024	ExACT	125.38
01-16-065-03W6	2024	Bridger	1007	09-07-082-05W6	2024	ExACT	118.59
03-26-069-05W6	2024	Bridger	891	14-18-060-20W5	2024	ExACT	114.01
05-33-063-20W5	2024	Bridger	890	14-14-063-20W5	2024	ExACT	103.38
15-11-076-06W6	2024	Bridger	797	03-10-068-04W6	2024	ExACT	97.67
02-05-057-18W5	2024	Bridger	671	02-05-057-18W5	2024	ExACT	93.05
12-04-054-14W4	2024	Bridger	619	14-30-063-18W5	2024	ExACT	89.88
05-07-069-02W6	2024	Bridger	578	01-10-057-18W5	2024	ExACT	86.57
15-28-062-20W5	2024	Bridger	352	15-15-064-20W5	2024	ExACT	79.73
11-02-068-03W6	2024	Bridger	331	09-18-064-20W5	2024	ExACT	74.22
11-12-068-04W6	2024	Bridger	321	02-23-057-18W5	2024	ExACT	73.31
10-01-069-03W6	2024	Bridger	317	09-34-062-17W5	2024	ExACT	68.5
02-32-063-20W5	2024	Bridger	300	09-05-060-19W5	2024	ExACT	66.3
02-23-057-18W5	2024	Bridger	216	01-09-065-04W6	2024	ExACT	63.06
01-10-057-18W5	2024	Bridger	190	16-05-064-20W5	2024	ExACT	62.31
06-16-064-21W5	2024	Bridger	186	07-08-061-19W5	2024	ExACT	55.99
10-29-063-20W5	2024	Bridger	174	09-30-064-19W5	2024	ExACT	54.38
14-27-063-20W5	2024	Bridger	164	15-36-064-23W5	2024	ExACT	49.82
01-19-064-21W5	2024	Bridger	147	06-16-060-20W5	2024	ExACT	46.76
06-16-060-20W5	2024	Bridger	144	12-01-068-03W6	2024	ExACT	46.3
15-21-064-02W6	2024	Bridger	134	01-15-064-03W6	2024	ExACT	45.06
02-34-068-03W6	2024	Bridger	132	10-22-060-19W5	2024	ExACT	41.16
07-06-058-18W5	2024	Bridger	126	04-11-076-06W6	2024	ExACT	40.68
10-21-065-03W6	2024	Bridger	120	08-19-063-20W5	2024	ExACT	38.85



14-30-063-18W5	2024	Bridger	108	01-25-063-21W5	2024	ExACT	38.79
03-22-066-03W6	2024	Bridger	107	05-33-063-20W5	2024	ExACT	38.34
04-02-070-06W6	2024	Bridger	105	02-15-063-20W5	2024	ExACT	37.39
09-30-064-19W5	2024	Bridger	66	14-27-063-20W5	2024	ExACT	36.15
14-18-060-20W5	2024	Bridger	60	06-35-068-03W6	2024	ExACT	35.22
02-15-063-20W5	2024	Bridger	58	01-22-076-06W6	2024	ExACT	33.15
12-33-063-20W5	2024	Bridger	58	11-12-068-04W6	2024	ExACT	30.72
01-33-057-18W5	2024	Bridger	54	06-24-064-22W5	2024	ExACT	30.63
13-03-064-21W5	2024	Bridger	46	12-35-061-17W5	2024	ExACT	30.55
09-05-060-19W5	2024	Bridger	43	15-11-076-06W6	2024	ExACT	29.68
09-18-064-20W5	2024	Bridger	36	13-10-064-20W5	2024	ExACT	26.76
04-11-076-06W6	2024	Bridger	34	02-15-076-06W6	2024	ExACT	25.42
12-01-068-03W6	2024	Bridger	27	07-06-058-18W5	2024	ExACT	24.19
16-20-064-21W5	2024	Bridger	18	01-33-057-18W5	2024	ExACT	23.09
13-10-064-20W5	2024	Bridger	0	11-02-068-03W6	2024	ExACT	22.41
11-15-062-18W5	2024	Bridger	0	10-27-076-06W6	2024	ExACT	21.09
15-15-064-20W5	2024	Bridger	0	11-32-064-21W5	2024	ExACT	20.74
16-05-064-20W5	2024	Bridger	0	06-05-069-02W6	2024	ExACT	20.56
12-19-063-19W5	2024	Bridger	0	15-21-064-02W6	2024	ExACT	19.87
01-09-065-19W5	2024	Bridger	0	06-10-064-02W6	2024	ExACT	19.16
06-10-064-02W6	2024	Bridger	0	01-16-065-03W6	2024	ExACT	18.95
08-04-070-02W6	2024	Bridger	0	16-20-064-21W5	2024	ExACT	17.94
15-36-064-23W5	2024	Bridger	0	05-21-063-20W5	2024	ExACT	16.71
08-19-063-20W5	2024	Bridger	0	03-23-076-06W6	2024	ExACT	14.86
04-34-038-17W4	2024	Bridger	0	10-01-069-03W6	2024	ExACT	14.35
02-13-066-04W6	2024	Bridger	0	15-04-065-22W5	2024	ExACT	13.88
12-35-061-17W5	2024	Bridger	0	11-15-062-18W5	2024	ExACT	13.65
03-23-076-06W6	2024	Bridger	0	02-13-066-04W6	2024	ExACT	13.63
14-14-063-20W5	2024	Bridger	0	15-16-069-03W6	2024	ExACT	12.54
03-25-063-20W5	2024	Bridger	0	02-23-068-03W6	2024	ExACT	11.19
15-04-065-22W5	2024	Bridger	0	09-21-065-03W6	2024	ExACT	9.89
01-23-061-22W5	2024	Bridger	0	03-22-066-03W6	2024	ExACT	9.56
06-24-064-22W5	2024	Bridger	0	01-28-061-17W5	2024	ExACT	7.25



09-21-065-03W6	2024	Bridger	0	05-07-069-02W6	2024	ExACT	7.18
04-30-062-17W5	2024	Bridger	0	01-09-065-19W5	2024	ExACT	6.07
09-30-061-17W5	2024	Bridger	0	12-19-063-19W5	2024	ExACT	5.52
11-32-064-21W5	2024	Bridger	0	10-29-063-20W5	2024	ExACT	4.63
03-34-076-06W6	2024	Bridger	0	08-04-070-02W6	2024	ExACT	0.65
02-23-068-03W6	2024	Bridger	0	14-08-057-18W5	2024	ExACT	0
09-34-062-17W5	2024	Bridger	0	06-15-061-17W5	2024	ExACT	0
05-21-063-20W5	2024	Bridger	0	11-05-069-02W6	2024	ExACT	0
04-01-069-03W6	2024	Bridger	0	09-30-061-17W5	2024	ExACT	0
01-28-061-17W5	2024	Bridger	0	07-16-060-20W5	2024	ExACT	0
10-13-061-01W4	2024	Bridger	0				
14-08-057-18W5	2024	Bridger	0				
02-15-076-06W6	2024	Bridger	0				
06-05-069-02W6	2024	Bridger	0				
10-22-060-19W5	2024	Bridger	0				
06-15-061-17W5	2024	Bridger	0				
10-27-076-06W6	2024	Bridger	0				
01-15-064-03W6	2024	Bridger	0				
01-25-063-21W5	2024	Bridger	0				
03-07-065-21W5	2024	Bridger	0				
10-35-063-21W5	2024	Bridger	0				
06-35-068-03W6	2024	Bridger	0				
04-19-064-22W5	2024	Bridger	0				
01-22-076-06W6	2024	Bridger	0				
11-05-069-02W6	2024	Bridger	0				
07-08-061-19W5	2024	Bridger	0				
07-16-060-20W5	2024	Bridger	0				



## Appendix C: Screening Data – Individual Emissions

Site	Year	Campaign	Emission Rate (m3/d)	Site	Year	Campaign	Emission Rate (m3/d)
07-06-058-18W5	2024	Bridger	126	12-33-063-20W5	2024	ExACT	386.64
06-16-064-21W5	2024	Bridger	186	03-26-069-05W6	2024	ExACT	250.01
15-11-076-06W6	2024	Bridger	321	09-03-068-04W6	2024	ExACT	226.83
15-28-062-20W5	2024	Bridger	164	10-21-065-03W6	2024	ExACT	125.38
05-33-063-20W5	2024	Bridger	53	09-07-082-05W6	2024	ExACT	118.59
05-33-063-20W5	2024	Bridger	102	14-18-060-20W5	2024	ExACT	114.01
05-33-063-20W5	2024	Bridger	143	14-14-063-20W5	2024	ExACT	103.38
05-33-063-20W5	2024	Bridger	168	03-10-068-04W6	2024	ExACT	97.67
05-33-063-20W5	2024	Bridger	223	02-05-057-18W5	2024	ExACT	93.05
05-33-063-20W5	2024	Bridger	47	14-30-063-18W5	2024	ExACT	89.88
10-29-063-20W5	2024	Bridger	174	01-10-057-18W5	2024	ExACT	86.57
14-27-063-20W5	2024	Bridger	82	15-15-064-20W5	2024	ExACT	79.73
12-33-063-20W5	2024	Bridger	58	09-18-064-20W5	2024	ExACT	74.22
06-16-060-20W5	2024	Bridger	144	02-23-057-18W5	2024	ExACT	73.31
02-23-057-18W5	2024	Bridger	73	09-34-062-17W5	2024	ExACT	68.5
02-23-057-18W5	2024	Bridger	143	09-05-060-19W5	2024	ExACT	66.3
01-10-057-18W5	2024	Bridger	113	01-09-065-04W6	2024	ExACT	63.06
01-10-057-18W5	2024	Bridger	77	16-05-064-20W5	2024	ExACT	62.31
02-05-057-18W5	2024	Bridger	254	07-08-061-19W5	2024	ExACT	55.99
02-05-057-18W5	2024	Bridger	269	09-30-064-19W5	2024	ExACT	54.38
01-33-057-18W5	2024	Bridger	54	15-36-064-23W5	2024	ExACT	49.82
02-05-057-18W5	2024	Bridger	148	06-16-060-20W5	2024	ExACT	46.76
01-16-065-03W6	2024	Bridger	163	12-01-068-03W6	2024	ExACT	46.3
01-16-065-03W6	2024	Bridger	153	01-15-064-03W6	2024	ExACT	45.06
01-16-065-03W6	2024	Bridger	282	10-22-060-19W5	2024	ExACT	41.16
01-16-065-03W6	2024	Bridger	233	04-11-076-06W6	2024	ExACT	40.68
01-16-065-03W6	2024	Bridger	175	08-19-063-20W5	2024	ExACT	38.85
09-07-082-05W6	2024	Bridger	133	01-25-063-21W5	2024	ExACT	38.79
09-07-082-05W6	2024	Bridger	384	05-33-063-20W5	2024	ExACT	38.34



03-10-068-04W6	2024	Bridger	46	02-15-063-20W5	2024	ExACT	37.39
10-21-065-03W6	2024	Bridger	120	14-27-063-20W5	2024	ExACT	36.15
09-03-068-04W6	2024	Bridger	218	06-35-068-03W6	2024	ExACT	35.22
11-02-068-03W6	2024	Bridger	154	01-22-076-06W6	2024	ExACT	33.15
11-02-068-03W6	2024	Bridger	177	11-12-068-04W6	2024	ExACT	30.72
02-34-068-03W6	2024	Bridger	81	06-24-064-22W5	2024	ExACT	30.63
02-34-068-03W6	2024	Bridger	52	12-35-061-17W5	2024	ExACT	30.55
15-11-076-06W6	2024	Bridger	321	15-11-076-06W6	2024	ExACT	29.68
03-22-066-03W6	2024	Bridger	107	13-10-064-20W5	2024	ExACT	26.76
12-01-068-03W6	2024	Bridger	27	02-15-076-06W6	2024	ExACT	25.42
03-26-069-05W6	2024	Bridger	509	07-06-058-18W5	2024	ExACT	24.19
03-26-069-05W6	2024	Bridger	227	01-33-057-18W5	2024	ExACT	23.09
09-05-060-19W5	2024	Bridger	43	11-02-068-03W6	2024	ExACT	22.41
02-32-063-20W5	2024	Bridger	95	10-27-076-06W6	2024	ExACT	21.09
02-32-063-20W5	2024	Bridger	117	11-32-064-21W5	2024	ExACT	20.74
02-32-063-20W5	2024	Bridger	49	06-05-069-02W6	2024	ExACT	20.56
05-33-063-20W5	2024	Bridger	123	15-21-064-02W6	2024	ExACT	19.87
15-28-062-20W5	2024	Bridger	188	06-10-064-02W6	2024	ExACT	19.16
09-18-064-20W5	2024	Bridger	36	01-16-065-03W6	2024	ExACT	18.95
03-10-068-04W6	2024	Bridger	763	16-20-064-21W5	2024	ExACT	17.94
02-32-063-20W5	2024	Bridger	39	05-21-063-20W5	2024	ExACT	16.71
11-12-068-04W6	2024	Bridger	142	03-23-076-06W6	2024	ExACT	14.86
11-12-068-04W6	2024	Bridger	178	10-01-069-03W6	2024	ExACT	14.35
16-20-064-21W5	2024	Bridger	18	15-04-065-22W5	2024	ExACT	13.88
15-21-064-02W6	2024	Bridger	134	11-15-062-18W5	2024	ExACT	13.65
15-16-069-03W6	2024	Bridger	161	02-13-066-04W6	2024	ExACT	13.63
15-16-069-03W6	2024	Bridger	161	15-16-069-03W6	2024	ExACT	12.54
15-16-069-03W6	2024	Bridger	69	02-23-068-03W6	2024	ExACT	11.19
15-16-069-03W6	2024	Bridger	226	09-21-065-03W6	2024	ExACT	9.89
15-16-069-03W6	2024	Bridger	226	03-22-066-03W6	2024	ExACT	9.56
15-16-069-03W6	2024	Bridger	226	01-28-061-17W5	2024	ExACT	7.25
01-19-064-21W5	2024	Bridger	147	05-07-069-02W6	2024	ExACT	7.18
10-01-069-03W6	2024	Bridger	263	01-09-065-19W5	2024	ExACT	6.07



10-01-069-03W6	2024	Bridger	54		12-19-063-19W5	2024	ExACT	5.52
09-30-064-19W5	2024	Bridger	40		10-29-063-20W5	2024	ExACT	4.63
03-10-068-04W6	2024	Bridger	763		08-04-070-02W6	2024	ExACT	0.65
09-03-068-04W6	2024	Bridger	567					
09-03-068-04W6	2024	Bridger	613					
03-10-068-04W6	2024	Bridger	363					
09-03-068-04W6	2024	Bridger	213					
09-03-068-04W6	2024	Bridger	260					
15-11-076-06W6	2024	Bridger	154					
14-30-063-18W5	2024	Bridger	108					
03-26-069-05W6	2024	Bridger	155					
14-18-060-20W5	2024	Bridger	60					
13-03-064-21W5	2024	Bridger	46					
04-02-070-06W6	2024	Bridger	105					
04-11-076-06W6	2024	Bridger	34					
05-07-069-02W6	2024	Bridger	279					
05-07-069-02W6	2024	Bridger	298					
12-04-054-14W4	2024	Bridger	304					
12-04-054-14W4	2024	Bridger	124					
05-33-063-20W5	2024	Bridger	31					
12-04-054-14W4	2024	Bridger	191					
14-27-063-20W5	2024	Bridger	82					
09-30-064-19W5	2024	Bridger	26					
02-15-063-20W5	2024	Bridger	58					
09-07-082-05W6	2024	Bridger	1611					

