



Ait-FEMP Performance Report

March 20, 2024



1. Executive Summary

ARC Resources Ltd. (ARC) recently completed a three and a half year, full-scale alternative Fugitive Emissions Management Program (alt-FEMP) at its Kakwa River Project, located approximately 60 kilometres south of Grande Prairie, Alberta. The project ran from July 8, 2020, to December 31, 2023.

To accommodate the fast-paced evolution of technologies to identify and quantify emissions, the AER allowed oil and gas companies to propose alternative equipment or methods to detect fugitive emissions. The proposed alternatives were required to demonstrate equivalent emission reductions compared to a default regulatory program and were approved based on demonstrating equivalency.

ARC¹ contracted Arolytics in 2020 to assess a variety of alternative technologies and programs. After modeling several program scenarios, ARC applied for an alt-FEMP comprised of a spring Optical Gas Imaging (OGI) survey, a summer aerial survey, follow-up of the top emitting sites, and an additional tank OGI survey for sites requiring tri-annual tank surveys. This alt-FEMP comprised approximately 150 unique oil and gas sites, producing roughly 180,000 barrels of oil equivalent per day. The modeling predicted a 5% decrease in fugitive emissions compared to the default provincial regulatory approach outlined in Alberta Energy Regulator (AER) Directive 060 (D060). An application, that included the equivalency modeling completed by Arolytics, was submitted by ARC and approved by the AER in July of 2020.

Throughout the three and a half-year program, ARC successfully flew four Bridger campaigns and completed follow-up OGI surveys on over 10% of the top emitting sites, effectively offering better insight into the detection capability of both the OGI and Bridger aerial screening technologies. The Bridger screenings were an efficient way of detecting and quantifying methane emissions over many sites in a very short period of time and were an effective way to identify and rank sites by methane volume. Bridger aerial screening cannot detect methane inside of buildings and does not differentiate if the methane volumes were a result of leaks, vents, or methane slip. OGI was effective at determining what portion of the methane site volume was attributed to leaks and vents but had limited capability in quantifying emissions from storage tanks.

Key learnings from the alt-FEMP program were:

- Alternative program design changed significantly over the 3.5 year alt FEMP
- Both aerial (Bridger) and OGI technology, data capture, and reporting improved over the 3.5 year program
- The original modeled alt-FEMP was considered 'equivalent' to a default program
- The remodeled alt-FEMP is no longer considered 'equivalent' to a default program

¹ The original alt-FEMP application was submitted by Seven Generations Energy and then transferred to ARC upon corporate amalgamation in April 2021

- Comparing OGI and Bridger surveys is difficult due to the different strengths and limitations of the technologies
- More research is required in the space of un-combusted methane emissions and tank emissions
- A successful full-scale alt-FEMP requires dedicated resources to handle complex logistics and data analysis
- Modeling requires high quality inputs

ARC contracted Arolytics to remodel its approved alt-FEMP program utilizing the original model and OGI data captured over the three-and-a-half-year program. The original modeling vs. remodeling suggests that the alt-FEMP is no longer considered equivalent (in terms of reductions that could be achieved compared to a default FEMP), likely due to the differences in the number and magnitude of leaks found during the alt-FEMP vs before the alt-FEMP. Future programs utilizing the same technologies would likely require either increased follow up percentage (> 10%) and/or additional Bridger aerial screenings.

2. Background

According to the Alberta provincial regulations, best practices for detecting fugitive emissions include Organic Vapour Analyzers and Gas-Imaging cameras. In recent years, there has been a surge in research and innovation regarding alternative technologies for methane detection and measurement. Examples of alternative technologies include satellites specialized for methane detection, aircraft mounted gas sensors and imaging devices, drone applications and ground-based vehicles outfitted with gas analyzers. These technologies have varying capabilities in terms of the magnitude of methane leaks they can detect, weather limitations and the best practices required for optimal performance. For these reasons, the AER requires oil and gas operators to submit “alternative Fugitive Emissions Management Programs” (alt-FEMPs) for approval if they wish to implement any alternative technology or change the measurement frequency outside of what is prescribed as the default regulatory approach. An alt-FEMP application must provide evidence that use of alternative methods will result in similar or greater emission reductions than the default approach.

ARC contracted Arolytics to conduct the original methane emissions field-based equivalency modeling for the Kakwa area which was the basis of the alt-FEMP application and approval. The model incorporated attributes of ARC’s oil and gas production infrastructure, (active wells and facilities), as well as region or company specific information regarding methane leaks and repair practices. Historical field data was used to populate input parameters throughout the model. Where no company specific data was available, select parameters were derived from relevant Canadian methane measurement studies with data collected in similar regions.

A default regulatory program in Alberta is defined in AER Directive 060: Upstream Petroleum Industry Flaring, Incinerating, and Venting (D060). A default program requires annual or triannual

surveys at all active, operated facilities using an approved technology such as Optical Gas Imaging (OGI) camera, or an organic vapour analyzer operated in accordance with EPA’s Method 21. The survey frequency is based on the Petrinex facility subtype code. There is also a requirement to complete triannual OGI surveys of controlled tanks. Controlled tanks are production tanks with vent gas control in the form of a Vapour Recovery Unit (VRU) or flare. Wells that are linked to the facility subtype code but are not located on the same physical site are excluded from surveys, but annual audio, visual, or olfactory (AVO) screenings are still required.

ARC obtained a ‘Full-Scale’ alt-FEMP approval in July of 2020, soon after the D060 updated requirements came into effect (Jan 2020). This was the first full-scale alt-FEMP that was approved by the AER. At the time, full-Scale approvals did not require a ‘control area’ with similar emissions distribution to be set up for baseline comparison. Since then, the understanding of alt-FEMP design has changed significantly, and the importance of a control region has been incorporated into newer alt-FEMP designs. The absence of a control region made quantifying emissions reductions challenging (see Section 10).

The ARC alt-FEMP was comprised of a spring OGI survey, a summer aerial survey, follow-up of the top emitting sites, and an additional tank OGI survey for sites requiring tri-annual tank surveys. The spring OGI campaign occurred at all sites that would require an annual or triannual survey under a default FEMP program. Fugitive leaks were repaired as per D060. During the summer (July to early September), the annual aerial flyover would occur using Gas Mapping LiDAR from Bridger Photonics Inc. (Bridger). This was done over all sites that required an annual or triannual survey, in addition to all sites that required an AVO screening according to D060. The alt-FEMP then required OGI follow-up at the top 10% of greatest emitting sites identified by Bridger, to detect the source of emissions (leaks and vents). Follow-up OGI surveys were planned within 30 days of the emissions being detected by Bridger. An additional tank survey was also completed in the fall at sites that required a triannual tank survey under a default program. Fugitive leaks identified by OGI were required to be repaired within regulatory timelines according to D060. The combination of surveys and Bridger screenings were anticipated to achieve greater fugitive emission reductions than what would have been achieved by implementing a default FEMP. A summary of the approved ARC alt-FEMP is presented in Table 1.

Table 1. alt-FEMP – Kakwa Area Program Summary

Step 1	In spring, Target Emission Services (Target) conducted an Optical Gas Imaging (OGI) program that covers all sites that require annual or triannual OGI surveys according to AER’s Directive 060, section 8.10.2.
Step 2	Fugitive repairs were completed per Directive 060, Section 8.10.4.
Step 3	In summer (July-September) an aerial flyover using Bridger’s Gas Mapping LiDAR technology was conducted to measure emissions at all sites covered in Step 1, in addition to sites that require screening according to Directive 060.
Step 4	Site-level emissions were tallied by Bridger. At the top 10% greatest emitting sites, an OGI follow-up survey was completed to determine the source and volume of leaks and vents.
Step 5	At follow up sites, fugitive repairs were conducted as per Directive 060, Section 8.10.4.

In Q4, 2023, the AER released updated alt-FEMP Performance Reporting guidance. This reporting guidance included a re-modeling requirement to evaluate the program’s performance. The remodeling was done to estimate if the alt-FEMP maintained emissions reduction equivalency (i.e. similar or better emissions to a default FEMP) see Section 7.2. The updated requirements, including screening data, follow-up data, emissions summary, emissions reduction summary, technology limitations, success of the alt-FEMP, non-performing program elements, additional control measures, and key performance indicators are included in this report. Data collected throughout the 3.5-year alt-FEMP has been compiled, analyzed, and remodeled to evaluate the performance of the alt-FEMP.

3. Spring OGI Survey Data

As outlined in Table 1 (Step 1), spring OGI surveys were completed at all sites that require annual or triannual surveys under a default FEMP. The spring OGI survey dates were as follows for each year of the program:

- 2020: N/A - alt-FEMP commissioned July 2020
- 2021: April 5 to June 23
- 2022: April 13 to April 27
- 2023: April 2 to June 4

Table 2 summarizes the results of the annual spring OGI survey campaigns carried out as part of the program. Because the approved alt-FEMP began in July 2020, spring OGI survey data from 2020 is excluded from the table.

Table 2. Summary of Spring OGI Survey Data (alt-FEMP Sites)

#	Item Description	2021	2022	2023
1	Number of sites surveyed	90	51 ¹	82
2	Number of emissions	931	434	1,024
3	Identified emission source types per survey (vent, fugitive, methane slip, other)	Vent, Fugitive, Other (No Emissions)		
4	Number of detections by emission source type - Fugitives	429	106	510
5	Number of detections by emission source type – Vents	502	328	514
6	Number of detections by emission source type – Other (No Emissions)	52	77	120
7	Volume of detections by emission source type – Fugitives (m ³ /d)	1,985	1,591	4,054 ²
8	Volume of detections by emission source type – Vents (m ³ /d)	3,263	3,074	4,383
9	Total volume identified (m ³ /d)	5,248	4,665	8,437
10	Average emissions per site (m ³ /d)	58	91	102
11	Average (Fugitive) emissions per site (m ³ /d)	22	31	49
12	Average (Vent) emissions per site (m ³ /d)	36	60	53

Table 2. Summary of Spring OGI Survey Data (alt-FEMP Sites)

#	Item Description	2021	2022	2023
13	Identified emission equipment source types per survey (e.g., tank, compressor seal)	See Appendix A (Tables 1 and 2) for information regarding fugitives and vents, respectively		
14	Number of detections by equipment type			
15	Volume of detections by equipment type (m ³ /d)			

1. In 2022, the initial site visit did not include 26 sites that had been visited in 2021. These sites were surveyed during the 2022 fall OGI survey. The data from these surveys is included in the follow-up data in Table 4.
2. In 2023 a small number of tank leaks contributed to higher emissions volumes

Although the number of emissions was relatively consistent year-over-year, the increased volume in 2023 was determined to be largely impacted by a small number of tank leaks. Once identified, these leaks were addressed as quickly as possible and completed within 30 days. It should also be noted that estimating tank leak volumes utilizing OGI surveys is challenging and results in a high margin of error. Generally, the OGI surveyor cannot measure a tank volume with a high flow sampler, so volume is estimated by the OGI technician, either visually or using Q-OGI.

Each year, ARC analyzed the OGI survey data to determine trends and investigate and repair identified leaks. A year-over-year comparison was done to identify any reoccurring or common leaking components and the data was used to improve facility design and/or operational procedures.

The spring OGI survey data summarized in Table 2, is further detailed in the following locations:

1. [AER Excel Template \(spring OGI Data\)](#):
2. [Appendix A](#): Tables 1 and 2 in Appendix A contain information regarding fugitive and vent emissions found at alt-FEMP sites during spring OGI surveys (broken out by equipment type).

4. Screening Data

The alternative emission technology used for screening in the ARC alt-FEMP was Bridger’s Gas Mapping LiDAR (GML). As outlined in Table 1, aerial flyovers using Bridger technology were completed in the summer months. The screening dates were as follows for each year of the program:

- 2020: July 14 to 17
- 2021: July 22 to 27
- 2022: August 2 to 6
- 2023: August 29 to September 6

According to Bridger, the GML detection sensitivity improved over the course of the alt-FEMP. Bridger indicated that the generation 1 sensor, used in 2020 and 2021, had a detection sensitivity of 105 m³/day, with greater than 90% probability of detection, and the generation 2 sensor, used in 2022 and 2023, had an improved detection sensitivity of 45 m³/day, with greater than 90% probability of detection. This demonstrates a continuous improvement of the Bridger technology.

In 2020, the Bridger data was provided in an excel format. The detected methane was reported in ppm-m and facilities were categorized by MSL (mineral surface lease). The results in Table 3 below, and in the AER template have been transformed into m³/day rates per site location for ease of comparison.

Bridger reported results from 2021 to 2023 were also provided in excel format, but the detected methane was summarized at a site location in m³/day and at an emission level (emission zones within the site) in m³/day. Bridger also provided plume images that were useful for operators and OGI surveyors to quickly find the emission of concern.

Table 3 summarizes the alt-FEMP screening data, measured by Bridger during each year of the program.

Table 3. alt-FEMP Screening & Follow up Data (Bridger Data Summary)

#	Item Description	2020	2021	2022	2023
1	Number of sites screened ¹	139	164	162	141 ²
2	Number of emitting sites	46	79	103	78
3	Number of detections (at all emitting sites)	N/A ³	197	290	229
4	Percentage screened sites with detections (%)	33%	48%	64%	55%
5	Average emissions per site with detection (m ³ /d)	770	1,053	478	871
6	Total volume identified by Bridger (m ³ /d)	35,425	83,170	49,221	67,939
7	Number of sites triggered for ground based follow up OGI survey (top 10% of emitting sites)	5	8	11	8
8	Number of additional emitting sites surveyed with OGI during follow-up period	18	3	28	4

Table 3. alt-FEMP Screening & Follow up Data (Bridger Data Summary)

#	Item Description	2020	2021	2022	2023
9	Percentage of emitting sites followed up (%)	50%	14%	38%	12%
10	Number of follow up sites where Bridger volume was 0 or not screened	33	2	10	2
11	Average time between screening and follow up of top 10% emitting sites (days)	28	40 ⁴	47 ⁴	21
12	Percentage of follow-up sites that are recurring (%)	N/A	57	20	64
13	Number of emissions from the screenings that were followed-up	N/A ³	47	171	77

1. The number of sites screened by Bridger does not match the OGI spring survey counts in Table 2 because Bridger screenings were intended to cover all Kakwa sites, and not just sites that require annual or triannual OGI surveys according to D060.
2. The reduced number of sites screened by Bridger in 2023 was because inactive sites were removed from the scope (prior years included some of those inactive sites/wells).
3. Individual detections were not provided in the first year of screening
4. Scheduling OGI surveys in 2021 & 2022 was challenging due to resourcing issues.

The 2020 GML data was not provided at an individual emissions rate; therefore, was excluded from the table above. ARC was able to complete follow-ups on at least 10% of the emitting sites, and in some years even achieving 50% follow-up on emitting sites. In 2021 and 2022, scheduling follow-ups within 30 days proved challenging. This was because of resourcing issues both internally and externally. ARC took significant steps in 2023 to improve the workflow between the screenings and scheduling the follow-ups, which reduced follow up time by over 50%. ARC also saw an increased percentage of emitting screened sites in 2022 and 2023, compared to previous years. This is likely due to the improved MDL of Bridger’s GML technology from Generation 1 to Generation 2.

The Bridger GML technology is efficient at detecting site-level methane emissions from all sources (including leaks, vents, and methane slip), and can localize the methane emissions to an area, but not a source. This technology differs from OGI surveys that can differentiate between vent & fugitive but cannot detect methane slip. As seen in table 2 & 3, the volume of methane emissions between GML and OGI differ significantly. More research to understand detection capability and accuracy is needed. Above and beyond the technologies in ARC’s alt-FEMP, additional investment has been made in the installation of continuous methane monitoring at fourteen facilities. ARC is encouraged by the federally announced Methane Center for Excellence to provide resources to further investigate this area.

The data that is summarized in Table 3 is detailed in the following attachments:

1. [AER Excel Template \(Mobile Screening Data\)](#):

2. Appendix B: Tables 1 and 2 in Appendix B contain information regarding facility emissions by screening campaign.
 - Table 1. Total emission rate per site per year (m³/day)
 - Table 2. Total emissions by detection at a site per screening campaign

5. Follow-up Data

As outlined in Table 1, ARC’s alt-FEMP approval required follow-up surveys with OGI camera to be completed at the top 10% of greatest emitting sites to determine the source of emissions and the emitting volumes. The follow-up OGI was targeted to be completed within 30 days of the emission being detected by Bridger. Targeted OGI follow-up (with the intention of confirming the fugitive and vent component) of the top 10% emitting sites were conducted during the following dates:

- 2020: August 6 to August 24
- 2021: July 28 to September 16
- 2022: September 16 to September 26
- 2023: September 24 to September 27

In addition to full site surveys at the top 10% of greatest emitting sites, OGI surveys were required to be completed at sites with controlled tanks. Under a default FEMP, these tank surveys must be completed tri-annually, but under ARC’s alt-FEMP, tank surveys were required one additional time each year (for a total of two tank surveys per site with controlled tanks). Tank survey data was not included in the follow-up data tables but has been reported annually as part of compliance reporting submissions.

Table 4 summarizes the follow-up data during each year of the program.

Table 4. Alt-FEMP Follow-up Data (with OGI Camera)

#	Item Description	2020	2021	2022	2023
1	Number of sites followed-up on for the year ¹	56	14	49 ²	14
2	Percentage of sites followed up (%) ³	40%	9%	30%	10%
3	Percentage of emitting sites followed up (%)	50%	15%	38%	12%
4	Number of follow-up surveys where no emissions were found from OGI	0	0	0	0
5	Average time between screening detection to site follow-up for top 10% emitting sites (days)	28	40 ⁴	47 ⁴	21
7	Number of follow-ups per year per site	See Appendix C (Table 1)			
8	Percentage of follow-up sites that are recurring (for the calendar year—following up on a site more than once) (%)	N/A – Only 1 Follow-up Campaign per Year			

Table 4. Alt-FEMP Follow-up Data (with OGI Camera)

#	Item Description	2020	2021	2022	2023
9	Identified emission source types per follow-up per screening campaign (vent, fugitive, methane slip, other)	Vent, Fugitive	Vent, Fugitive, Other (No Emissions)		
10	Number of detections by emission source type - Fugitives	191	144	267	85
11	Number of detections by emission source type - Vents	332	117	254	153
12	Number of detections by emission source type - Other (No Emissions)	N/A ⁵	29	103	49
13	Volume of detections by emission source type - Fugitives (m ³ /d)	2,127	641	1,552	541
14	Volume of detections by emission source type - Vents (m ³ /d)	2,985	1,091	2,201	1,739
15	Total volume identified (m ³ /d)	5,112	1,732	3,753	2,280
16	Average emissions per follow-up site (m ³ /d)	91	124	77	163
17	Identified emission equipment source types per follow-up per screening campaign (e.g., tank, compressor seal)	See Tables 1 and 2 in Appendix C for information regarding fugitives and vents, respectively			
18	Number of detections by equipment type				
19	Volume of detections by equipment type (m ³ /d)				
20	Number of recurring leaks observed (if the leak occurred more than once per year) ⁶	0	0	0	0

1. This row represents the total number of sites surveyed with OGI in the fall (after a Bridger aerial screening was done). This number includes all OGI site surveys (not just sites screened by Bridger).
2. The higher number of sites in 2022 included in follow up reflects sites that were not included in the spring OGI survey as detailed in Table 2.
3. Number of sites surveyed with OGI during follow up period divided by number of sites screened (some sites were OGI surveyed but not screened).
4. Scheduling OGI surveys in 2021 & 2022 was challenging due to resourcing issues.
5. OGI surveyors did not capture this data type in 2020
6. Over the 3.5 years of the program, zero recurring leaks were identified

After screenings, OGI follow-ups were conducted at multiple sites. Technicians were able to identify vent and fugitive emissions and provide estimated volumes. From the table above, the majority of the found emissions were determined to be intentional vents and not fugitive emissions. The total volumes determined with OGI surveys are considerably lower than those detected by the GML technology. As previously mentioned, OGI technology is not able to detect methane slip from combustion. Additional research is needed to reconcile the differences between OGI and GML technologies.

The data that is summarized in Table 4 is detailed in the following attachments:

1. [AER Excel Template \(Mobile Follow-up Data\)](#):
2. [Appendix C](#):

Tables 1, 2 and 3 in Appendix C contain information regarding facility emissions at follow-up sites.

- Table 1. Number of Follow-ups Per Year Per Site
- Table 2. Number and volume of Fugitive Emissions by equipment type
- Table 3. Number and volume of Vent Emissions by equipment type

6. Emission Summary

The figures in this section show emissions distributions (m³/d) at the site-level, and at the emission level observed during annual spring OGI surveys, aerial screening, and follow-up OGI survey. The data has been depicted in histograms to show the year over year frequency of leaks based on volumes.

6.1 Spring OGI Survey Summary

The figures below outline the emissions distribution at the site-level (Figure 1), emission level (Figure 2), and fugitive emission level (Figure 3), based on detections during spring OGI survey campaigns. See below for further description for each graph. For additional spring OGI survey data/information, please see Section 3.

Figure 1. Spring OGI survey site emissions histogram depicting total methane rate per site

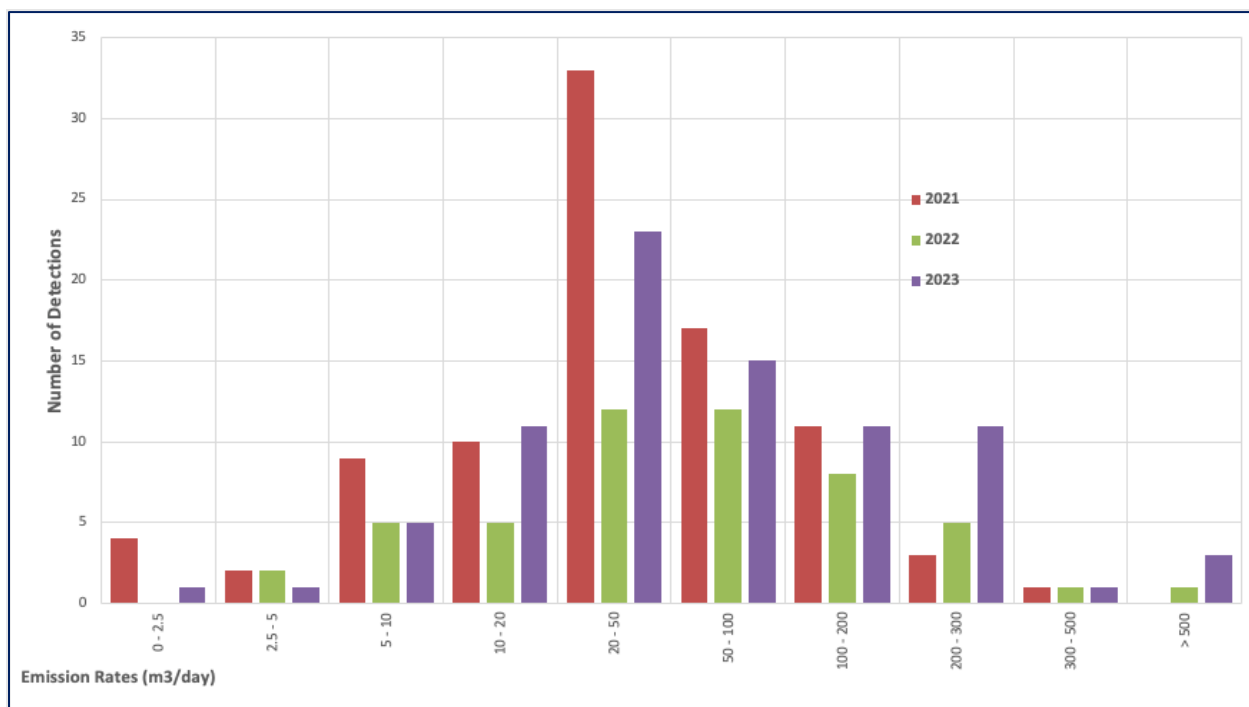


Figure 1 shows site-level emissions (including leaks and vents) measured during spring OGI survey campaigns. This figure shows that for all spring OGI surveys, regardless of the year, site-level emissions with rates between 20 and 50 m³/day were the most common, making up 37% (2021), 24% (2022), and 28% (2023) of the site-level emissions. The survey performed in 2021 detected the greatest number of emissions of any year. A small number of sites with detections greater than 500 m³/d were observed in 2022 and 2023. The 2022 survey detected no site-level emissions with rates between 0 and 2.5 m³/day, and the 2021 survey detected no site-level emissions with rates greater than 500 m³/day.

Figure 2. Spring OGI survey emissions histogram depicting each individual detection

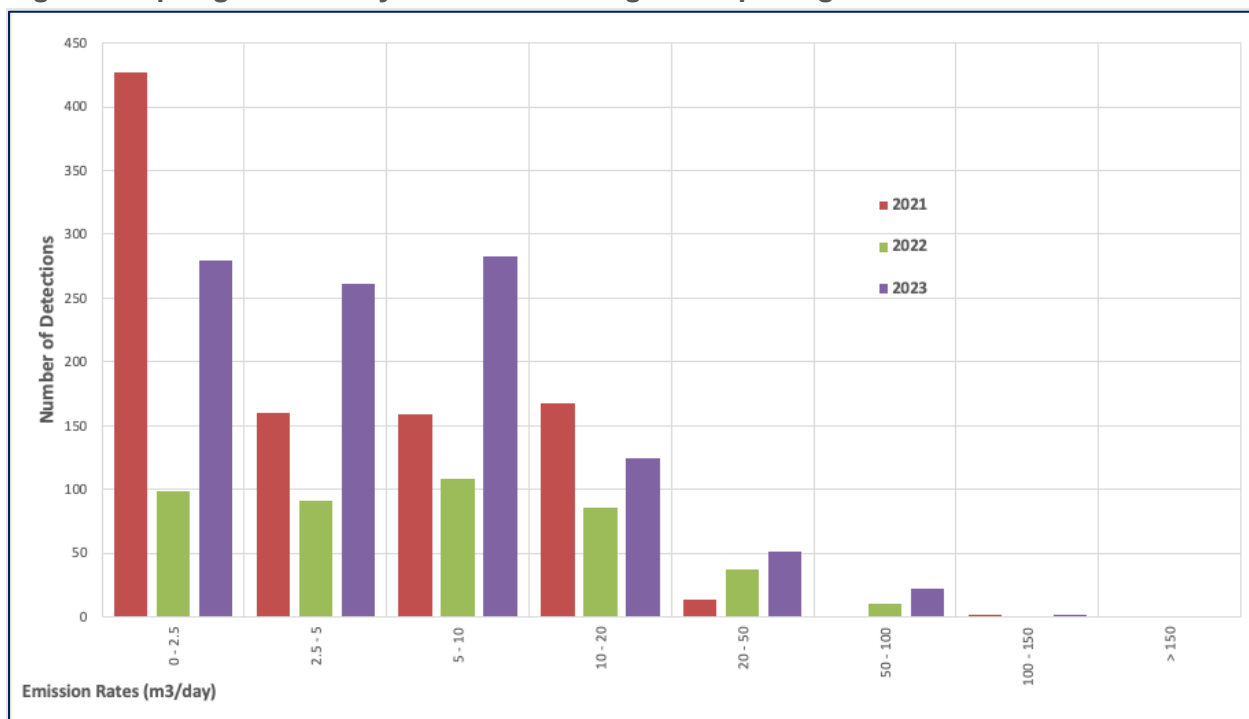


Figure 2 shows leak and vent emissions measured during spring OGI survey campaigns. This figure indicates that most of the emissions are small volumes (0 to 20 m³/day). As rates per emission increase, the number of detections decreases. A small number of emissions with detections between 100 and 150 m³/d were observed in 2021 and 2023. In 2021, detected emissions with rates between 0 and 2.5 m³/day were the most common (making up 46% of the 2021 survey's emissions), while for the 2022 and 2023 surveys, emissions with rates between 5 and 10 m³/day were the most common (making up 25% and 28% of the 2022, and 2023 rates, respectively).

Figure 3. Spring OGI survey emissions histogram depicting fugitive emission detections

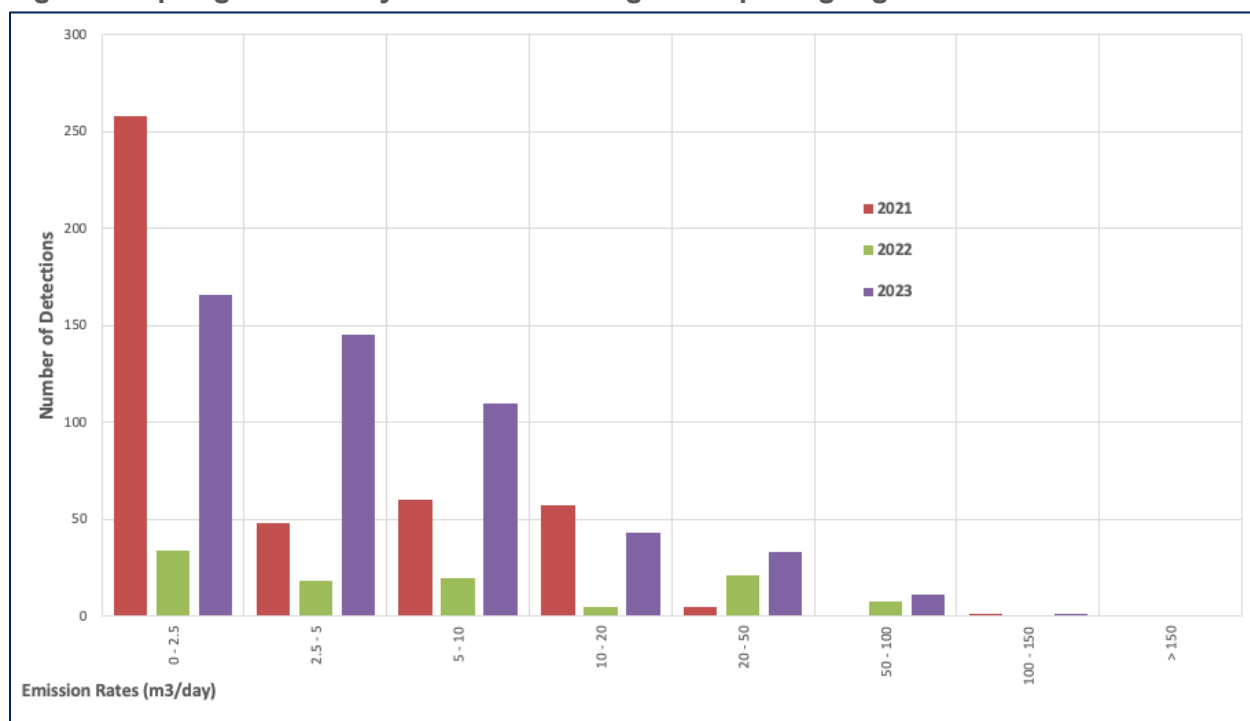


Figure 3 shows leak (fugitive) emissions measured during spring OGI survey campaigns. This figure indicates that most leaks are small volume (0 to 20 m³/day), and as rates per emission increase, the number of detections decreases. A small number of emissions with detections between 100 and 150 m³/d were observed in 2021 and 2023. Compared to Figure 2, the number of fugitive detections is roughly half of the prior figure, which suggests that half of the volume is attributed to venting.

6.2 Screening Summary

Figure 4 below outlines the emissions distribution at the site and detection levels, respectively, based on emissions detected during aerial screening campaigns. The Bridger screening technology cannot discern fugitives from other emission types. For any additional screening data/information, please see Section 4.

Figure 4. Screening site emissions histogram depicting total rate per site

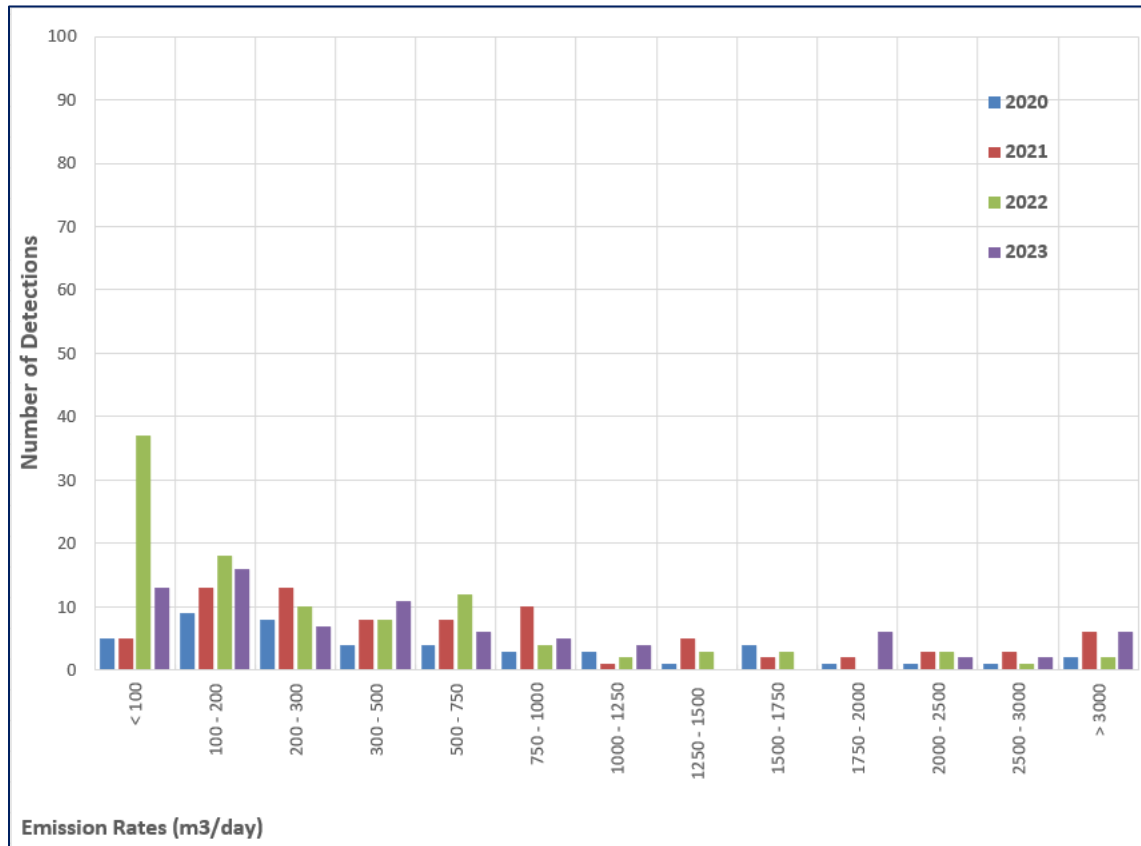


Figure 4 shows site-level emissions (including leaks, vents, and methane slip) measured during aerial screening campaigns. At screened sites, the highest number of detections had rates in the less than 100 m³/day range (far left side of the figure). A small number of sites with rates greater than 3,000 m³/d were observed each year of the program. The alt-FEMP program was designed to identify the top 10% of emitting sites, so the highest volumes sites (as observed on the far-right side of the figure) were identified and targeted for follow-up with OGI survey.

Figure 5. Screening emissions histogram depicting each individual detection

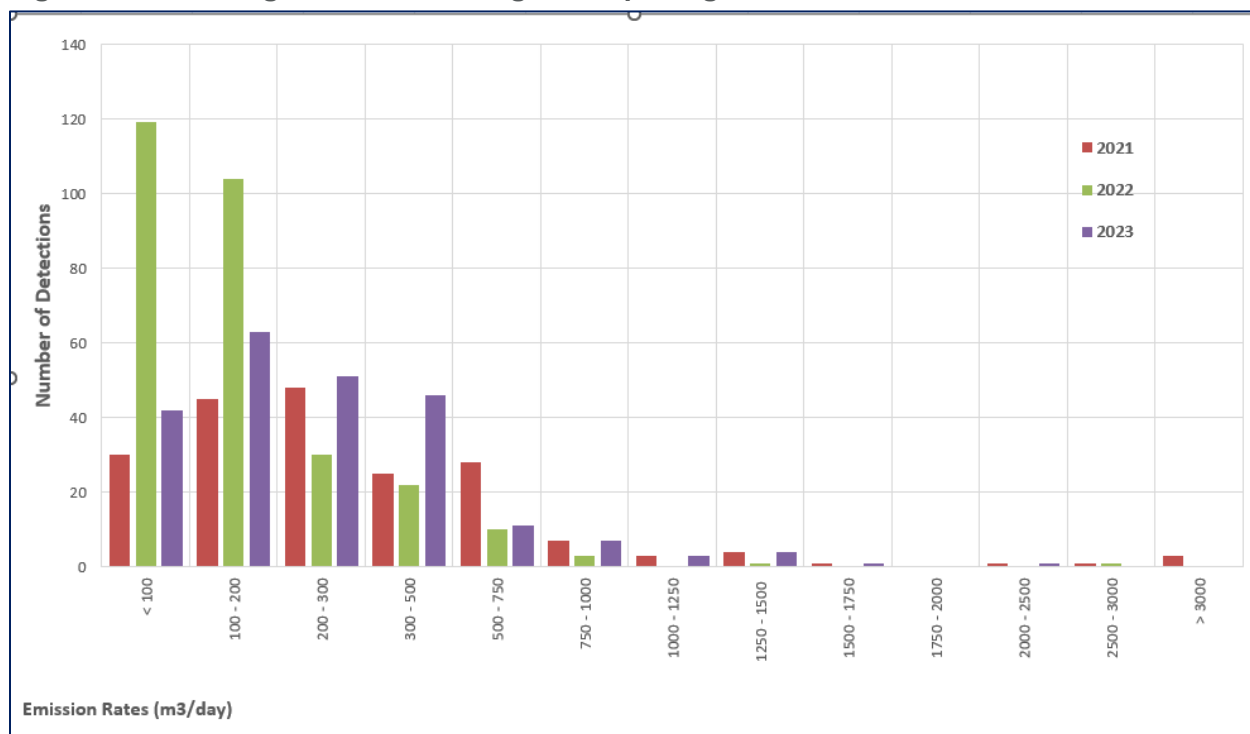


Figure 5 shows detection level emissions (including leaks, vents, and methane slip) measured during aerial screening campaigns. These detections were sub-site level emissions identified in the report documents from Bridger. This figure excludes 2020 screening data because detections were not captured at this level in 2020. The plot shows the highest number of detections was in the less than 100 m³/day range in 2022, and the next highest number of detections was in the 100 to 200 m³/day range in 2022. The plot shows a small number of emissions with detections greater than 1000 m³/d were observed each year. Most detections by any screening campaign were in the lower rate ranges (at least 95% of any year’s emissions had rates below 1250 m³/day).

6.3 Follow-up Survey Summary

The figures below outline the emissions distribution at the site level (Figure 6), emission level (Figure 7), and fugitive emission levels (Figure 8), based on emissions detected during follow-up OGI campaigns. See below for further description for each graph. For any additional OGI follow-up data/information, please see Section 5.

Figure 6. Follow-up survey emissions histogram depicting total rate per site

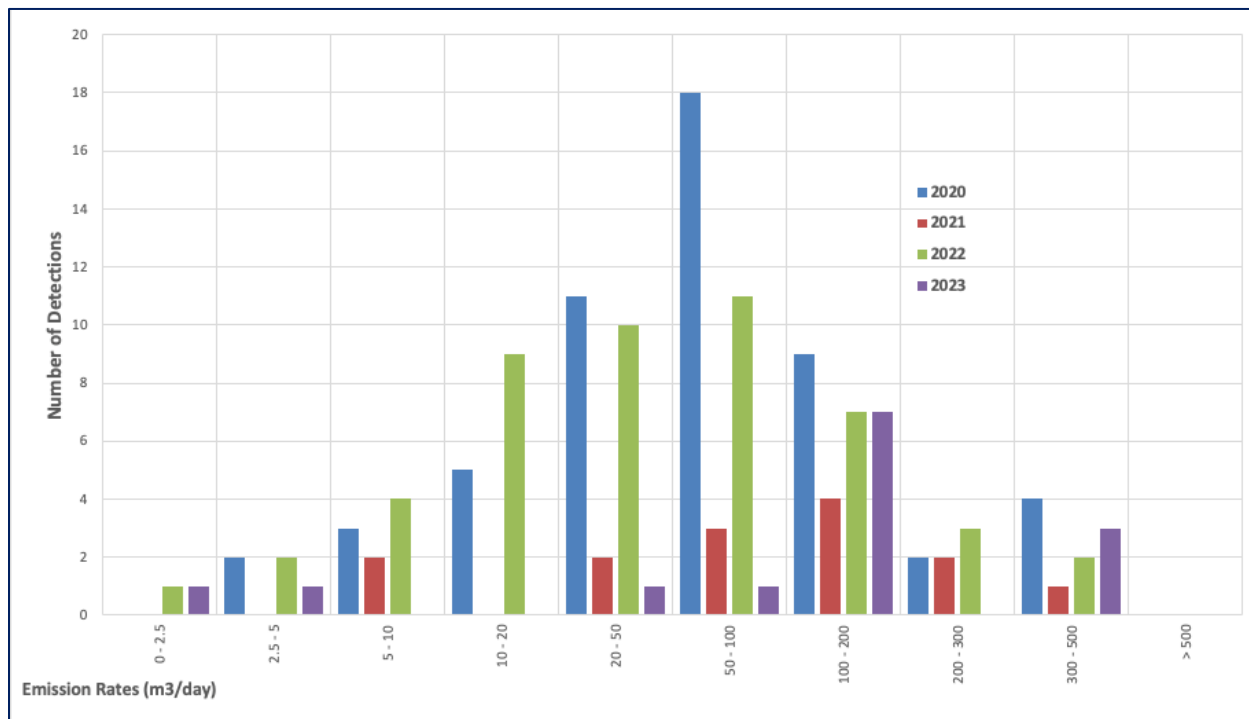


Figure 6 shows site-level emissions (including leaks and vents) measured during follow-up OGI survey campaigns. At follow-up sites, the highest number of detections were in the 20-200 m³/day range. The highest count of detections found during the program was in 2020, where detections in the 50 to 100 m³/day range were observed. There were no sites with detections greater than 500 m³/d observed during follow-up surveys during the alt-FEMP. The follow-up OGI survey distribution shape is similar to the spring OGI survey distribution (Figure 1); however, it appears that the number of detections in each range is generally lower.

Figure 7. Follow-up survey emissions histogram depicting individual detections

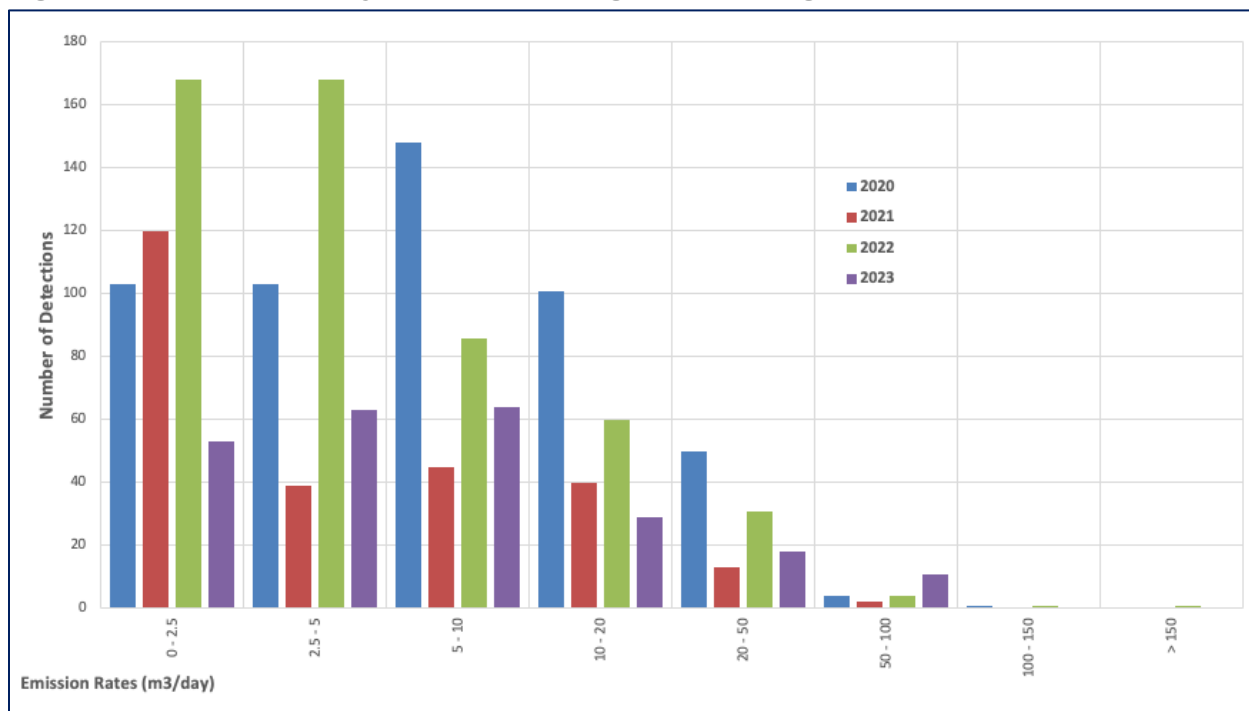


Figure 7 shows leak and vent emissions measured during follow-up OGI survey campaigns. This figure indicates that most emissions are small volume (0 to 20 m³/day). As rates per emission increase, the number of detections decreases. A small number of emissions with detections greater than 100 m³/d were observed in 2020 and 2022.

Figure 8. Follow-up survey emissions histogram depicting individual fugitive detections

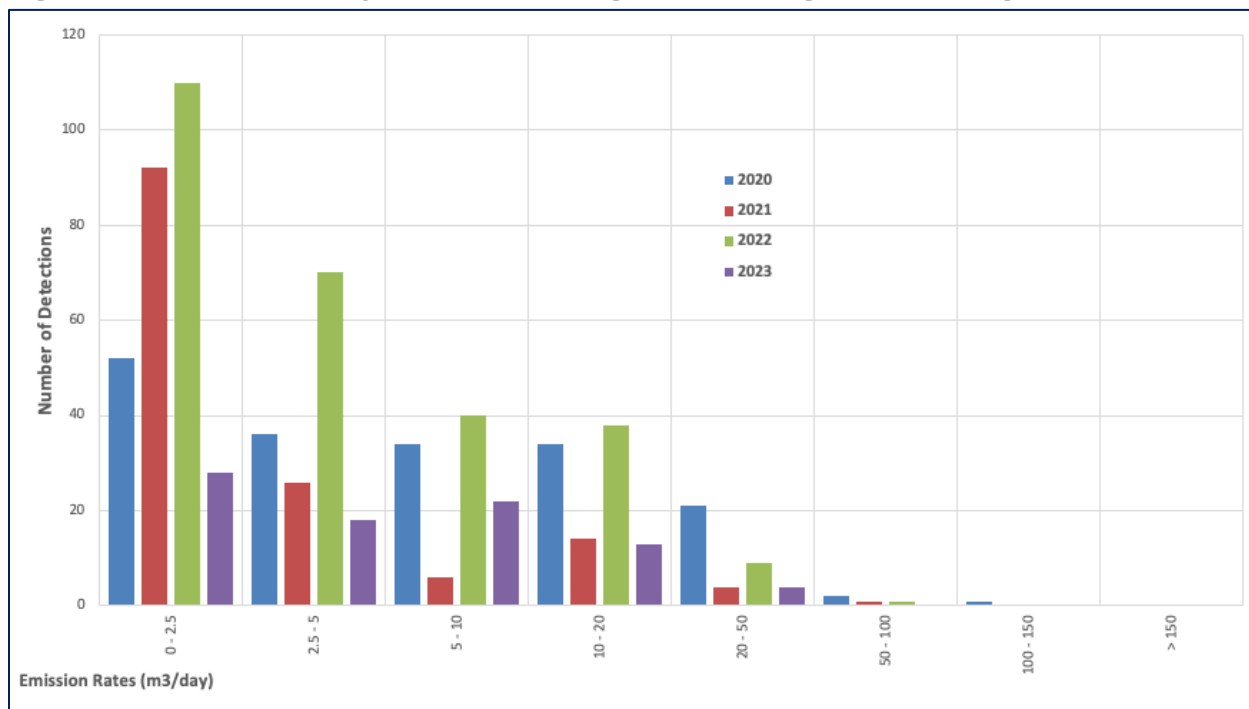


Figure 8 shows leak (fugitive) emissions measured during follow-up survey campaigns. This figure indicates that most fugitive emissions are small volume (0 to 20 m³/day). As rates per emission increase, the number of detections decreases. A small number of fugitive emissions with detections greater than 100 m³/d were observed in 2020 to 2022.

7. Emission Reduction Summary

An important element of the alt-FEMP program is the requirement for emissions reduction equivalency. Given that ARC’s program was a full-scale program without a control area, emissions reductions were compared to pre-alt-FEMP models. This is shown below in the log scale distribution graph, Figure 9. Tables 5 and 6, show the alt-FEMP model input data, model results, and experienced emissions data.

7.1 Log Scale Distribution Graph

As required, the following plot shows the log-scale fugitive emissions, and cumulative distribution frequency with the following criteria:

- Show the log-scale emission rate assumption against the cumulative distribution frequency.

- Compare the proposal assumed emission distribution versus the as-found emission distribution.
- Overlay the MDL (Minimum Detection Limit) @ 90% PoD (Probability of Detection) of the screening technology.

Figure 9 below, includes fugitive emission rates from measurements collected prior to the alt-FEMP's implementation (proposal assumed emission distribution) and OGI survey measurements collected throughout the alt-FEMP's implementation (as-found emission distribution). The purpose of the graph is to compare these two distinct sets of fugitive measurements (pre-alt-FEMP and alt-FEMP fugitive measurements) and examine any evident differences. The distributions are crucial for fugitive emissions modeling in that they are used to predict the rate/size and frequency of a fugitive emission generated by the model. Bridger's MDL (at 90% PoD) is overlaid to represent how the screening technology's detection capability relates to the distribution of assumed vs. experienced emissions.

Fugitive measurements used in the proposal, were collected prior to 2020, and are referred to in Figure 9 as "Assumed Fugitive Emissions Distribution (2020)". Fugitive measurements that were collected throughout the alt-FEMP are referred to in Figure 9 as "Experienced Fugitive Emissions Distribution (2020-2023)".

Figure 9. Assumed (2020) vs Experienced (2020-2023) Fugitive Emissions Distribution for ARC AIt-FEMP

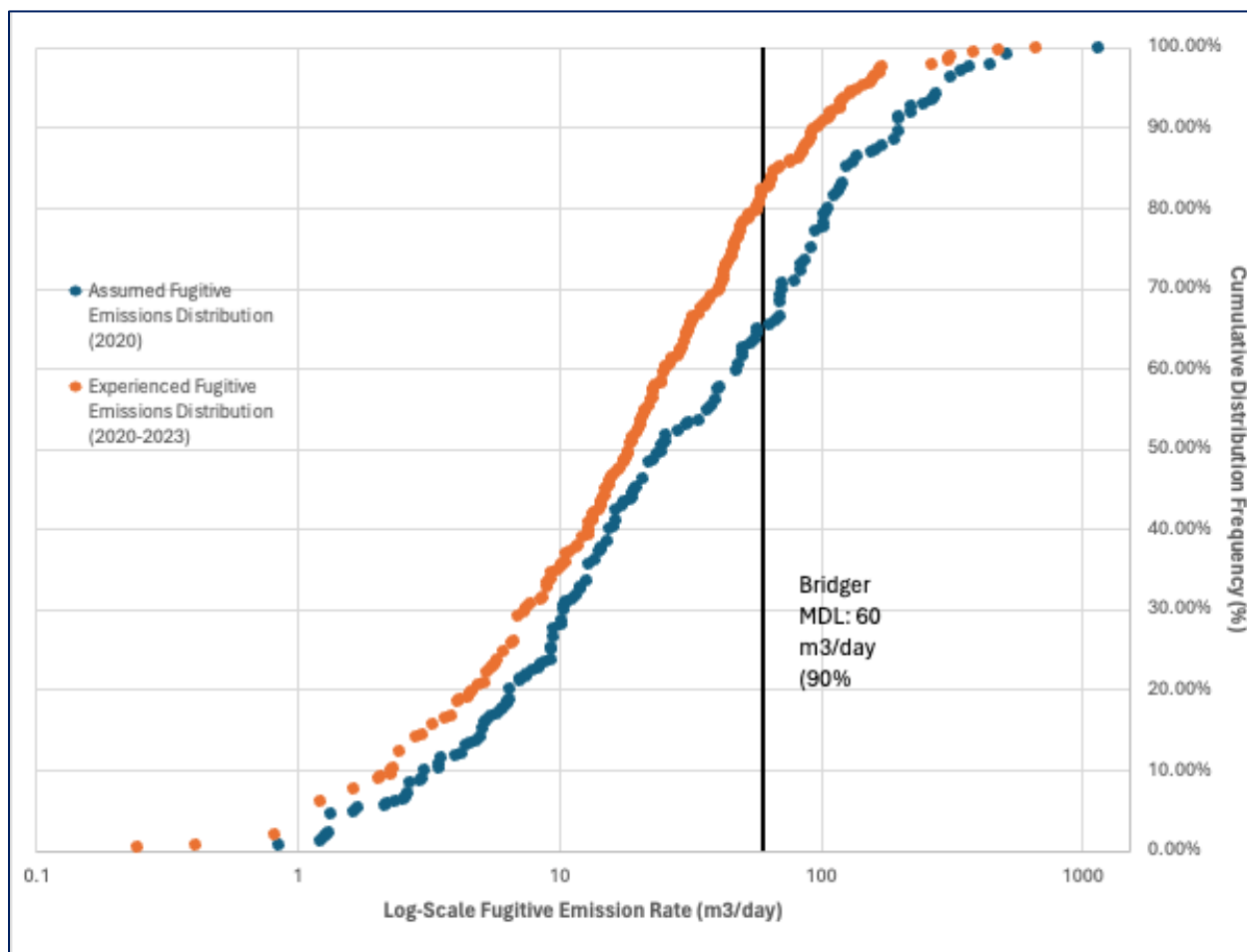


Figure 9 shows that the experienced emissions distribution had fewer large leaks, and more small leaks compared to the ‘assumed’ leak distribution curve. The ‘experienced’ distribution curve shows leaks with rates above 100 m³/day account for less than 10% of the total and there are no leaks with rates above 1000 m³/day while the assumed emissions had 23% of leaks over 100 m³/day and one leak above 1000 m³/day. The ‘experienced’ distribution shows rates below 5 m³/day accounted for approximately 21% of the total, while the assumed distribution only had 14% below 5 m³/day.

Regarding Bridger as a screening technology with an MDL of 60 m³/day at 90% POD, the graph in Figure 9 suggests that Bridger has a 90% probability of detecting approximately 35% of the assumed distribution's leaks, but just the top 18% of the experienced distribution's leaks. It is important to note that Bridger would still detect the largest leaks of either distribution. The largest leak in the experienced data set was 658 m³/day and the largest leak in the assumed data set was 1157 m³/day. Note that an MDL of 60 m³/d was used as a conservative value between the generation 1 and generation 2 sensors described in section 4.

Table 5 compares the statistics between the assumed and experienced fugitive emissions distributions. As shown, the assumed distribution has a higher mean rate, median rate, minimum rate, and maximum rate. This aligns with Figure 9 in that the assumed distribution had larger leaks account for a greater proportion of its total.

Table 5. Statistics for the assumed and experienced fugitive emissions distributions

Fugitive Emissions Distribution	Mean Rate (m ³ /day)	Median Rate (m ³ /day)	Minimum Rate (m ³ /day)	Maximum Rate (m ³ /day)
Assumed (2020)	76.84	24.58	0.84	1156.82
Experienced (2020-2023)	40.62	18.76	0.24	657.72

7.2 Remodeling

Due to the differences between the assumed fugitive distribution and the experienced fugitive distribution, the original alt-FEMP model required an update. The Table below presents the original and remodeled results. The remodeling reflected the same length of time (approximately 3.5 years) of the alt-FEMP but utilized the experienced fugitive emission distribution. The original model included 345 measurements collected before the application and approval issuance. These are the assumed emissions that were used in Figure 9 and Table 5. The model was updated utilizing the 1723 measurements gathered from OGI surveys throughout the alt-FEMP period (2020-2023). These measurements are the experienced emissions that were used in Figure 9 and Table 5.

Table 6. Original Modeling vs Remodeling Results

Inputs	FEMP Type	Fugitive Emissions (m ³ in 1 yr)	Fugitive Emissions (m ³ in 3.5 yrs)	Difference in Fugitive Emissions from Default (m ³ in 3.5 yrs)	Difference in Fugitive Emissions from Default (%)
Assumed Distribution Data - 345 emissions (m ³ /day)	Original Model - Default FEMP	2,078,072.00	7,273,252.00 ¹	N/A	N/A
	Original Model - alt-FEMP	1,963,888	6,873,608 ¹	-399,644 ¹	-5.49%
Experienced Distribution Data - 1723 emissions (m ³ /day)	Remodelled - Default FEMP	1,387,657.31 ¹	4,856,800.60	N/A	N/A
	Remodelled - alt-FEMP	1,515,676.05 ¹	5,304,866.19	+448,065.59	+9.23%

1 – this value is prorated from the original presented value

The original modelled results are shown in the first two rows of Table 6. Using the 345 assumed emissions, the default FEMP was estimated to result in 2,078,072 m³ of fugitive emissions in one year, while the alt-FEMP scenario was estimated to result in 1,963,888 m³. This indicated the alt-FEMP would result in 5.49% fewer fugitive emissions (399,644 m³ fewer emission) in 3.5 years compared to default FEMP.

The remodeled results are shown in the last two rows of Table 6. Using the 1723 experienced emissions, the default FEMP was estimated to result in 1,387,657 m³ of fugitive emissions in one year, while the alt-FEMP scenario was estimated to result in 1,515,676 m³ of fugitive emissions in one year. This indicated that using the alt-FEMP scenario, would result in a 9.23% increase in fugitive emissions (448,065 m³ more emission) in 3.5 years compared to default FEMP.

As the alt-FEMP remodel resulted in a 9% increase in emissions, the alt-FEMP is not considered equivalent to or better than the default FEMP in terms of emissions reductions by today's standards. The original model utilized the best available information at the time and resulted in a 5% reduction compared to the default FEMP. The alt-FEMP was considered equivalent to the default FEMP and was approved by the AER. Although the remodel showed a different result than the original model, the data captured throughout the alt-FEMP was valuable. It showcased that the experienced fugitive emissions between 2020-2023 were considerably lower than the assumed fugitive emissions measured before the beginning of the alt-FEMP. This indicates continuous improvement as more data continues to be captured and repeat fugitive emissions are abated.

8. Technology Limitations

Bridger's Gas Mapping LiDAR (GML) is an active, laser-based system, rather than a passive remote sensor that relies on particular environmental conditions. Conditions such as cloud cover, sun angle, 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 significant 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.

Visual Flight Rules (VFR) conditions are a requirement to ensure safety. VFR conditions include the ability for the pilot to see a certain distance, thus low clouds, fog, or heavy smoke may prevent data acquisition. Bridger limits its survey operations to ground wind speeds less than or equal to 25mph. There were some specific issues that arose over the years, but the main challenge was deploying in 2023 due to regional forest fires. Bridger completed all alt-FEMP screenings, however, required more flexibility in scheduling than normal to accommodate flight restricted areas or sustained regions of VFR conditions due to smoke.

The Bridger technology is efficient at detecting site-level methane emissions from all sources (including leaks, vents, and methane slip), and can localize the methane emissions to an area. However, it cannot attribute the methane volume to a specific source. OGI follow-up surveys are required to determine what component-level methane emissions come from leaks or vents. In addition, small leaks or vents found in a building would not be detectable by aerial screening.

Data capture and reporting has evolved throughout the three-and-a-half years of the project. As previously mentioned, 2020 Bridger data did not report at the detection level, and only the site level. ARC also improved its data capturing and reporting process, working closely with the OGI technicians to utilize the GML aerial pictures to focus on the potential emission source.

9. Success of the alt-FEMP

ARC successfully executed the first full scale approved alt-FEMP program each year as described in Table 1. This included an initial round of comprehensive fugitive emissions site surveys at all sites that would normally require an annual or triannual survey. Initial surveys were completed in the spring of 2021, 2022, and 2023. Bridger aerial screening was completed at all Kakwa sites, regardless of site types, in the summer of 2020, 2021, 2022, and 2023. Analysis of the Bridger data was completed after each screening and the top 10% emitting sites were followed up using OGI surveyors.

The average time to completely repair a leak from the date it was identified via OGI was 23.61 days across the entire alt-FEMP, with the average time for each OGI campaign (follow-up or regular survey) outlined below in Table 7.

Table 7. Average Number of Days Between Fugitive Emission Detection (via OGI) and Repair for Each OGI Campaign

2020 Follow-Up	2021 Regular Survey	2021 Follow-Up	2022 Regular Survey	2022 Follow-Up	2023 Regular Survey	2023 Follow-Up
21.84	23.70	24.92	20.92	21.10	36.28*	16.50

*Significant number of leaks in 2023 required specialized equipment, labour or shutdown to repair, extending the average past 30 days

As shown in the table, leak repairs were generally performed in less than the prescribed 30 days, outlining another success for the alt-FEMP. In 2023, ARC was unable to meet the 30-day requirement due to a significant number of leaks that required specialized equipment, labour, or significant shutdowns to repair. ARC took all reasonable steps to repair these outstanding leaks as quickly as possible.

Bridger technology worked well to identify and prioritize follow up at sites with the largest methane emission rates. In addition to site emission rates, Bridger also provided plume images overlain on current aerial imagery. When the OGI survey crews and operators were provided with the images, it helped to focus efforts on areas of highest emissions first. With this, sites with the largest methane emission rates (measured by Bridger) were prioritized and followed-up on in an efficient manner, and leak repairs happened sooner, resulting in greater emissions reductions, though based on modeling this did not have a material impact on reducing emissions. Bridger flyovers were fast and efficient, and all screenings were completed within a very short period of time.

Using Bridger screenings also minimized the administrative burden for completing and documenting AVO screenings. While operators go to sites on a regular/daily basis, completing and ensuring the AVO screenings are documented and captured within the fugitive emissions database (target-online) is a timely endeavor.

Remodeling using actual data collected between 2020 and 2023 (Section 7) has confirmed that the design of this alt-FEMP (spring OGI, Bridger 1x, 10% follow up) is not equivalent for future alt-FEMPs compared to a default program. With this, any future alt-FEMP that utilizes Bridger would likely require a higher follow-up threshold (>10%) or additional screening events. There are many technological advancements being made in the methane measurement and monitoring space, including continuous emissions monitoring systems. Should ARC elect to pursue an alt-FEMP application in the future, new technologies will be evaluated to determine the most effective and efficient alternative fugitive emissions management program.

10. Nonperforming Program Elements

The most significant challenges in this program are described below:

1. Data Management
 - a. Managing large data sets in multiple systems and spreadsheets
 - b. Changes in data format (OGI and Bridger) and reporting has changed/improved over the 3.5-year period which adds complexity in the analysis
2. Quantifying emissions reductions
 - a. As this was the first alt-FEMP in the province, baseline information was limited. This created difficulty in understanding the impact of the alt-FEMP vs. the default FEMP.
 - b. The AER's Alt FEMP Performance Reporting template was published in late 2023 requiring additional data transformation and analysis, including remodeling of the alt-FEMP.
 - c. Lack of a control region within a full-scale alt-FEMP resulted in challenges for proving success of alternative technologies in comparison to the default methodology. Control regions may not be required for future alt-FEMPs as baseline information is now readily available.

3. Logistics:
 - a. Scheduling of OGI follow-ups was challenging in specific years. Proper resourcing is critical to ensuring that skilled labour is available during the desired time window. This is particularly important as policies are developed to ensure that adequate equipment and certified professionals are available to perform the required surveys.
4. Actuals vs. Model
 - a. Modeling is a good tool to indicate if an alt-FEMP program may result in the desired outcome, but it is only as good as the inputs. The 2020 model had limited input data and new results are expected to be more accurate.
5. GML vs. OGI data
 - a. Large discrepancies remain between emissions found by GML versus those found by OGI. Additional research and investment is needed in the methane slip space.

11. Additional Control Measures

In addition to the alt-FEMP steps outlined in Table 1, operations staff are trained to use AVO methods of leak detection. Operations staff complete AVO screenings during routine inspections in everyday tasks as part of best practices employed at ARC. This includes and is not limited to:

- Tightening of loose connections
- Plugging or eliminating open ended lines
- Inspecting and confirming positive isolation capability of separator dump valves
- Inspecting and maintaining pneumatic instruments
- Inspecting and maintaining thief hatches
- Closing thief hatches if found open on tanks with vent gas controls
- Ensuring combustion systems remain lit when site is pressurized and active
- Ensuring control equipment is operational
- Ensuring VRU's are operating and being maintained as designed
- Reporting estimated leak rates found during AVO assessments

As outlined in Section 3, in addition to reviewing the results of each OGI survey to investigate and/or repair identified leaks, ARC completes analysis of all fugitive data collected on an annual basis. A year-over-year comparison is done to identify any trends or common leaking components. This information is then utilized to assist with improved facility design and/or operational procedures.

APPENDIX A – Full (Spring OGI Data Tables)

Table 1. Number and volume (m³/d) of fugitive detections by equipment type for Spring OGI surveys. (Page 2)

Table 2. Number and volume (m³/d) of vent detections by equipment type for Spring OGI surveys. (Page 3)

Appendix A (Table 1)

Table 1. Number and volume (m³/d) of fugitive detections by equipment type for full OGI surveys.

Equipment Type	2021 No. of Detections	2021 Volumetric Rate m³/ day	2022 No. of Detections	2022 Volumetric Rate m³/ day	2023 No. of Detections	2023 Volumetric Rate m³/ day
dehydrator	15	55	3	20	13	139
flare stack	0	0	0	0	0	0
header	0	0	0	0	0	0
heater	0	0	0	0	0	0
meter	0	0	0	0	12	22
other	120	257	9	40	23	141
pig sender/receiver	0	0	0	0	3	11
pipeline - aboveground	67	111	15	55	83	303
pipeline - buried	0	0	0	0	0	0
pneumatic instrument	0	0	0	0	3	6
pneumatic pump	0	0	0	0	0	0
reciprocating compressor	79	281	30	148	81	663
screw compressor	7	11	1	3	1	3
separator	15	14	15	49	144	470
surface casing vent	0	0	0	0	0	0
sweetening process	0	0	0	0	55	289
tank	105	1231	30	1270	53	1864
treater	0	0	0	0	0	0
vent stack	0	0	0	0	0	0
wellhead	21	25	3	7	39	144
Totals	429	1985	106	1592	510	4055

Appendix B (Table 2)

Table 2. Number and volume (m³/d) of vent detections by equipment type for full OGI surveys.

Equipment Type	2021 No. of Detections	Volumetric Rate m ³ / day	2022 No. of Detections	Volumetric Rate m ³ / day	2023 No. of Detections	Volumetric Rate m ³ / day
dehydrator	10	23	12	50	18	303
flare stack	0	0	0	0	2	24
header	0	0	0	0	0	0
heater	0	0	0	0	0	0
meter	0	0	0	0	0	0
other	131	974	26	273	7	57
pig sender/receiver	0	0	0	0	0	0
pipeline - aboveground	178	991	77	493	100	447
pipeline - buried	0	0	0	0	0	0
pneumatic instrument	0	0	0	0	7	62
pneumatic pump	0	0	0	0	0	0
reciprocating compressor	57	774	42	558	65	931
screw compressor	1	12	0	0	0	0
separator	85	128	156	1181	135	1014
surface casing vent	0	0	0	0	0	0
sweetening process	0	0	0	0	99	780
tank	35	334	12	485	72	729
treater	2	22	0	0	2	24
vent stack	0	0	3	33	0	0
wellhead	3	3	0	0	7	12
Totals	502	3261	328	3073	514	4383

APPENDIX B – Bridger Screening Data Tables

Table 1. Total Emissions Per Site Per Screening Campaign (m3/day). (Page 2-19)

Table 2. Individual Emissions Per Site Per Screening Campaign (m3/day). (Page 20-47)

Appendix B (Table 1)

Total Emissions Per Site Per Screening Campaign

Site	Year	Screening Campaign	Total Emission Rate (m3/day)
01-02-064-05W6	2020	Bridger July 2020	1416
01-04-063-04W6	2020	Bridger July 2020	0
01-06-063-04W6	2020	Bridger July 2020	177
01-09-061-05W6	2020	Bridger July 2020	0
01-19-065-04W6	2020	Bridger July 2020	212
01-24-063-03W6	2020	Bridger July 2020	1168
01-30-065-06W6	2020	Bridger July 2020	0
01-31-064-04W6	2020	Bridger July 2020	0
01-32-063-05W6	2020	Bridger July 2020	0
02-03-064-04W6	2020	Bridger July 2020	0
02-11-064-04W6	2020	Bridger July 2020	0
02-13-063-03W6	2020	Bridger July 2020	0
02-19-064-04W6	2020	Bridger July 2020	0
02-25-064-04W6	2020	Bridger July 2020	0
02-31-063-04W6	2020	Bridger July 2020	3009
02-34-063-04W6	2020	Bridger July 2020	0
03-02-061-05W6	2020	Bridger July 2020	0
03-10-063-04W6	2020	Bridger July 2020	0
03-17-064-04W6	2020	Bridger July 2020	0
03-20-063-04W6	2020	Bridger July 2020	1717
03-21-063-05W6	2020	Bridger July 2020	0
03-29-064-05W6	2020	Bridger July 2020	0
03-32-062-04W6	2020	Bridger July 2020	0
03-33-063-04W6	2020	Bridger July 2020	0
03-34-061-04W6	2020	Bridger July 2020	0
04-01-064-04W6	2020	Bridger July 2020	0
04-01-064-05W6	2020	Bridger July 2020	0
04-06-064-04W6	2020	Bridger July 2020	0
04-12-064-05W6	2020	Bridger July 2020	124
04-14-064-05W6	2020	Bridger July 2020	1575
04-22-062-04W6	2020	Bridger July 2020	0
04-23-065-05W6	2020	Bridger July 2020	35
04-24-065-05W6	2020	Bridger July 2020	956
04-29-063-02W6	2020	Bridger July 2020	0

Appendix B (Table 1)

Total Emissions Per Site Per Screening Campaign

Site	Year	Screening Campaign	Total Emission Rate (m3/day)
04-30-064-03W6	2020	Bridger July 2020	0
04-31-062-04W6	2020	Bridger July 2020	0
05-01-064-06W6	2020	Bridger July 2020	2903
05-02-063-05w6	2020	Bridger July 2020	519
05-09-064-04W6	2020	Bridger July 2020	0
05-15-065-04W6	2020	Bridger July 2020	0
05-25-063-04W6	2020	Bridger July 2020	0
05-36-062-05W6	2020	Bridger July 2020	0
06-12-063-03W6	2020	Bridger July 2020	0
06-15-064-04W6	2020	Bridger July 2020	212
06-18-063-04W6	2020	Bridger July 2020	0
06-23-064-04W6	2020	Bridger July 2020	53
06-23-064-06W6	2020	Bridger July 2020	0
06-26-064-04W6	2020	Bridger July 2020	0
06-30-062-04W6	2020	Bridger July 2020	106
06-30-064-03W6	2020	Bridger July 2020	0
06-33-063-03W6	2020	Bridger July 2020	283
06-35-062-04W6	2020	Bridger July 2020	0
07-04-064-05W6	2020	Bridger July 2020	0
07-09-064-05W6	2020	Bridger July 2020	0
07-11-064-04W6	2020	Bridger July 2020	1628
07-16-064-05W6	2020	Bridger July 2020	0
08-01-064-06W6	2020	Bridger July 2020	118
08-03-064-04W6	2020	Bridger July 2020	0
08-06-064-04W6	2020	Bridger July 2020	3965
08-22-062-04W6	2020	Bridger July 2020	0
08-22-063-05W6	2020	Bridger July 2020	0
08-25-063-05W6	2020	Bridger July 2020	0
08-35-062-05W6	2020	Bridger July 2020	0
09-07-061-04W6	2020	Bridger July 2020	0
09-10-064-04W6	2020	Bridger July 2020	0
09-14-064-04W6	2020	Bridger July 2020	478
09-24-064-04W6	2020	Bridger July 2020	0
09-30-063-03W6	2020	Bridger July 2020	0

Appendix B (Table 1)

Total Emissions Per Site Per Screening Campaign

Site	Year	Screening Campaign	Total Emission Rate (m ³ /day)
09-36-062-05W6	2020	Bridger July 2020	230
10-08-064-04W6	2020	Bridger July 2020	0
10-09-064-05W6	2020	Bridger July 2020	0
10-10-065-05W6	2020	Bridger July 2020	0
10-11-064-06W6	2020	Bridger July 2020	283
10-12-063-03W6	2020	Bridger July 2020	0
10-15-063-04W6	2020	Bridger July 2020	0
10-16-062-04W6	2020	Bridger July 2020	673
10-16-063-04W6	2020	Bridger July 2020	0
10-19-064-03W6	2020	Bridger July 2020	0
10-23-067-05W6	2020	Bridger July 2020	0
10-30-066-07W6	2020	Bridger July 2020	0
10-33-063-03W6	2020	Bridger July 2020	0
10-33-063-05W6	2020	Bridger July 2020	0
11-01-064-05W6	2020	Bridger July 2020	0
11-08-063-03W6	2020	Bridger July 2020	0
11-10-064-06W6	2020	Bridger July 2020	0
11-11-063-04W6	2020	Bridger July 2020	0
11-13-063-05W6	2020	Bridger July 2020	0
11-18-064-03W6	2020	Bridger July 2020	0
12-01-064-04W6	2020	Bridger July 2020	0
12-05-063-04W6	2020	Bridger July 2020	248
12-12-064-04W6	2020	Bridger July 2020	0
12-14-063-05W6	2020	Bridger July 2020	1699
12-19-063-04W6	2020	Bridger July 2020	0
12-33-063-04W6	2020	Bridger July 2020	0
12-34-061-04W6	2020	Bridger July 2020	0
13-02-063-05W6	2020	Bridger July 2020	0
13-05-063-04W6	2020	Bridger July 2020	0
13-06-063-04W6	2020	Bridger July 2020	0
13-08-064-04W6	2020	Bridger July 2020	1935
13-09-063-04W6	2020	Bridger July 2020	35
13-10-065-05W6	2020	Bridger July 2020	283
13-14-064-04W6	2020	Bridger July 2020	0

Appendix B (Table 1)

Total Emissions Per Site Per Screening Campaign

Site	Year	Screening Campaign	Total Emission Rate (m ³ /day)
13-20-062-04W6	2020	Bridger July 2020	0
13-22-063-04W6	2020	Bridger July 2020	0
14-06-064-03W6	2020	Bridger July 2020	177
14-09-063-04W6	2020	Bridger July 2020	0
14-17-064-03W6	2020	Bridger July 2020	0
14-18-064-05W6	2020	Bridger July 2020	1074
14-19-063-02W6	2020	Bridger July 2020	106
14-19-064-05W6	2020	Bridger July 2020	71
14-24-064-04W6	2020	Bridger July 2020	0
15-13-063-05W6	2020	Bridger July 2020	354
15-17-063-03W6	2020	Bridger July 2020	584
15-18-064-03W6	2020	Bridger July 2020	0
15-22-064-07W6	2020	Bridger July 2020	0
15-26-062-04W6	2020	Bridger July 2020	0
15-31-062-04W6	2020	Bridger July 2020	0
15-32-063-04W6	2020	Bridger July 2020	0
15-33-064-05W6	2020	Bridger July 2020	0
15-34-063-03W6	2020	Bridger July 2020	0
16-06-063-03W6	2020	Bridger July 2020	0
16-06-063-04W6	2020	Bridger July 2020	2094
16-06-064-05W6	2020	Bridger July 2020	0
16-06-065-04W6	2020	Bridger July 2020	0
16-07-063-04W6	2020	Bridger July 2020	177
16-10-063-05W6	2020	Bridger July 2020	177
16-14-063-03W6	2020	Bridger July 2020	0
16-16-064-04W6	2020	Bridger July 2020	407
16-17-064-04W6	2020	Bridger July 2020	968
16-18-064-04W6	2020	Bridger July 2020	310
16-20-065-04W6	2020	Bridger July 2020	212
16-21-063-04W6	2020	Bridger July 2020	850
16-23-063-05W6	2020	Bridger July 2020	1044
16-25-064-04W6	2020	Bridger July 2020	106
16-26-062-05W6	2020	Bridger July 2020	0
16-28-063-04W6	2020	Bridger July 2020	602

Appendix B (Table 1)

Total Emissions Per Site Per Screening Campaign

Site	Year	Screening Campaign	Total Emission Rate (m3/day)
16-29-064-05W6	2020	Bridger July 2020	71
16-30-061-04W6	2020	Bridger July 2020	0
16-36-060-05W6	2020	Bridger July 2020	0
01-02-064-05W6	2021	Bridger 2021	4818
01-06-063-04W6	2021	Bridger 2021	5496
01-09-061-05W6	2021	Bridger 2021	95
01-13-063-05W6	2021	Bridger 2021	2790
01-18-064-04W6	2021	Bridger 2021	0
01-21-063-02W6	2021	Bridger 2021	2431
01-24-063-03W6	2021	Bridger 2021	153
01-30-065-06W6	2021	Bridger 2021	0
01-31-064-04W6	2021	Bridger 2021	888
01-32-063-05W6	2021	Bridger 2021	0
02-03-064-04W6	2021	Bridger 2021	0
02-11-064-04W6	2021	Bridger 2021	0
02-19-064-04W6	2021	Bridger 2021	0
02-31-063-04W6	2021	Bridger 2021	0
02-33-062-04W6	2021	Bridger 2021	1403
02-34-063-04W6	2021	Bridger 2021	0
03-02-061-05W6	2021	Bridger 2021	0
03-09-063-02W6	2021	Bridger 2021	0
03-10-063-04W6	2021	Bridger 2021	0
03-17-064-04W6	2021	Bridger 2021	0
03-20-063-04W6	2021	Bridger 2021	1354
03-21-063-04W6	2021	Bridger 2021	0
03-21-063-05W6	2021	Bridger 2021	0
03-24-063-05W6	2021	Bridger 2021	0
03-29-064-05W6	2021	Bridger 2021	0
03-32-062-04W6	2021	Bridger 2021	0
03-33-063-04W6	2021	Bridger 2021	0
03-34-061-04W6	2021	Bridger 2021	1151
04-06-063-04W6	2021	Bridger 2021	426
04-12-064-05W6	2021	Bridger 2021	230
04-14-064-05W6	2021	Bridger 2021	2042

Appendix B (Table 1)

Total Emissions Per Site Per Screening Campaign

Site	Year	Screening Campaign	Total Emission Rate (m ³ /day)
04-22-062-04W6	2021	Bridger 2021	919
04-23-065-05W6	2021	Bridger 2021	1417
04-24-065-05W6	2021	Bridger 2021	8305
04-28-061-04W6	2021	Bridger 2021	138
04-29-063-02W6	2021	Bridger 2021	0
04-30-064-03W6	2021	Bridger 2021	0
04-31-062-04W6	2021	Bridger 2021	832
04-31-063-04W6	2021	Bridger 2021	0
04-32-064-04W6	2021	Bridger 2021	0
05-01-064-04W6	2021	Bridger 2021	0
05-01-064-06W6	2021	Bridger 2021	713
05-02-063-05W6	2021	Bridger 2021	0
05-05-065-04W6	2021	Bridger 2021	253
05-08-063-04W6	2021	Bridger 2021	0
05-08-064-03W6	2021	Bridger 2021	0
05-08-065-04W6	2021	Bridger 2021	0
05-09-064-04W6	2021	Bridger 2021	0
05-25-063-04W6	2021	Bridger 2021	237
05-27-062-05W6	2021	Bridger 2021	0
05-36-062-05W6	2021	Bridger 2021	268
06-12-063-03W6	2021	Bridger 2021	30
06-15-064-04W6	2021	Bridger 2021	339
06-18-063-04W6	2021	Bridger 2021	0
06-23-064-04W6	2021	Bridger 2021	870
06-26-064-04W6	2021	Bridger 2021	0
06-29-063-04W6	2021	Bridger 2021	0
06-30-062-04W6	2021	Bridger 2021	0
06-30-064-03W6	2021	Bridger 2021	0
06-33-063-03W6	2021	Bridger 2021	169
07-04-064-05W6	2021	Bridger 2021	924
07-05-064-03W6	2021	Bridger 2021	0
07-06-064-03W6	2021	Bridger 2021	0
07-09-064-05W6	2021	Bridger 2021	0
07-11-064-04W6	2021	Bridger 2021	691

Appendix B (Table 1)

Total Emissions Per Site Per Screening Campaign

Site	Year	Screening Campaign	Total Emission Rate (m3/day)
07-16-064-05W6	2021	Bridger 2021	0
08-01-064-06W6	2021	Bridger 2021	287
08-03-064-04W6	2021	Bridger 2021	243
08-06-064-04W6	2021	Bridger 2021	3065
08-07-063-04W6	2021	Bridger 2021	1943
08-25-063-05W6	2021	Bridger 2021	0
09-07-061-04W6	2021	Bridger 2021	0
09-10-064-04W6	2021	Bridger 2021	0
09-14-064-04W6	2021	Bridger 2021	452
09-24-064-04W6	2021	Bridger 2021	538
09-28-064-04W6	2021	Bridger 2021	118
09-30-063-03W6	2021	Bridger 2021	208
09-36-062-05W6	2021	Bridger 2021	791
10-07-064-03W6	2021	Bridger 2021	0
10-08-064-04W6	2021	Bridger 2021	0
10-08-064-05W6	2021	Bridger 2021	0
10-09-064-05W6	2021	Bridger 2021	0
10-10-064-05W6	2021	Bridger 2021	0
10-10-065-05W6	2021	Bridger 2021	0
10-12-063-03W6	2021	Bridger 2021	0
10-15-062-04W6	2021	Bridger 2021	0
10-15-063-04W6	2021	Bridger 2021	0
10-16-062-04W6	2021	Bridger 2021	1513
10-16-063-04W6	2021	Bridger 2021	0
10-19-064-03W6	2021	Bridger 2021	183
10-23-067-05W6	2021	Bridger 2021	2301
10-32-063-03W6	2021	Bridger 2021	0
10-33-063-03W6	2021	Bridger 2021	474
10-33-063-05W6	2021	Bridger 2021	373
11-02-065-07W6	2021	Bridger 2021	0
11-03-065-04W6	2021	Bridger 2021	0
11-07-064-03W6	2021	Bridger 2021	105
11-08-063-03W6	2021	Bridger 2021	107
11-10-064-06W6	2021	Bridger 2021	0

Appendix B (Table 1)

Total Emissions Per Site Per Screening Campaign

Site	Year	Screening Campaign	Total Emission Rate (m ³ /day)
11-13-063-05W6	2021	Bridger 2021	0
11-18-064-03W6	2021	Bridger 2021	0
11-23-062-05W6	2021	Bridger 2021	62
11-28-063-03W6	2021	Bridger 2021	0
11-35-062-04W6	2021	Bridger 2021	0
12-01-064-04W6	2021	Bridger 2021	0
12-02-063-05W6	2021	Bridger 2021	0
12-05-063-04W6	2021	Bridger 2021	0
12-12-064-04W6	2021	Bridger 2021	0
12-14-063-05W6	2021	Bridger 2021	3586
12-19-063-04W6	2021	Bridger 2021	0
12-28-064-05W6	2021	Bridger 2021	5878
12-33-063-04W6	2021	Bridger 2021	113
12-34-061-04W6	2021	Bridger 2021	0
13-03-064-05W6	2021	Bridger 2021	0
13-05-063-04W6	2021	Bridger 2021	0
13-06-063-04W6	2021	Bridger 2021	0
13-08-064-04W6	2021	Bridger 2021	948
13-09-063-04W6	2021	Bridger 2021	0
13-10-065-05W6	2021	Bridger 2021	1267
13-13-063-03W6	2021	Bridger 2021	0
13-14-064-04W6	2021	Bridger 2021	606
13-15-063-02W6	2021	Bridger 2021	136
13-17-062-04W6	2021	Bridger 2021	0
13-20-062-04W6	2021	Bridger 2021	34
13-27-063-04W6	2021	Bridger 2021	0
13-30-064-03W6	2021	Bridger 2021	0
14-06-064-03W6	2021	Bridger 2021	518
14-09-063-04W6	2021	Bridger 2021	0
14-17-064-03W6	2021	Bridger 2021	0
14-18-064-05W6	2021	Bridger 2021	1858
14-19-063-02W6	2021	Bridger 2021	72
14-19-064-05W6	2021	Bridger 2021	174
15-08-063-04W6	2021	Bridger 2021	901

Appendix B (Table 1)

Total Emissions Per Site Per Screening Campaign

Site	Year	Screening Campaign	Total Emission Rate (m ³ /day)
15-13-063-05W6	2021	Bridger 2021	0
15-17-063-03W6	2021	Bridger 2021	622
15-18-064-03W6	2021	Bridger 2021	104
15-22-064-07W6	2021	Bridger 2021	0
15-23-062-05W6	2021	Bridger 2021	319
15-25-064-04W6	2021	Bridger 2021	264
15-26-062-04W6	2021	Bridger 2021	226
15-31-062-04W6	2021	Bridger 2021	0
15-32-063-04W6	2021	Bridger 2021	236
15-34-062-04W6	2021	Bridger 2021	214
15-34-063-03W6	2021	Bridger 2021	384
16-06-063-03W6	2021	Bridger 2021	0
16-06-063-04W6	2021	Bridger 2021	2739
16-06-064-04W6	2021	Bridger 2021	0
16-06-064-05W6	2021	Bridger 2021	0
16-06-065-04W6	2021	Bridger 2021	552
16-07-063-04W6	2021	Bridger 2021	757
16-10-063-05W6	2021	Bridger 2021	0
16-14-063-03W6	2021	Bridger 2021	0
16-16-061-04W6	2021	Bridger 2021	0
16-16-064-04W6	2021	Bridger 2021	297
16-17-064-04W6	2021	Bridger 2021	1452
16-18-064-04W6	2021	Bridger 2021	411
16-20-065-04W6	2021	Bridger 2021	523
16-21-063-02W6	2021	Bridger 2021	0
16-21-063-04W6	2021	Bridger 2021	2689
16-23-063-05W6	2021	Bridger 2021	1619
16-25-062-05W6	2021	Bridger 2021	169
16-26-062-05W6	2021	Bridger 2021	195
16-28-062-05W6	2021	Bridger 2021	224
16-28-063-04W6	2021	Bridger 2021	938
01-02-064-05W6	2022	Bridger August 2022	3209
01-06-063-04W6	2022	Bridger August 2022	49
01-09-061-05W6	2022	Bridger August 2022	224

Appendix B (Table 1)

Total Emissions Per Site Per Screening Campaign

Site	Year	Screening Campaign	Total Emission Rate (m ³ /day)
01-13-063-05W6	2022	Bridger August 2022	672
01-18-064-04W6	2022	Bridger August 2022	81
01-21-063-02W6	2022	Bridger August 2022	2593
01-24-063-03W6	2022	Bridger August 2022	0
01-30-065-06W6	2022	Bridger August 2022	0
01-31-064-04W6	2022	Bridger August 2022	80
01-32-063-05W6	2022	Bridger August 2022	88
02-03-064-04W6	2022	Bridger August 2022	0
02-11-064-04W6	2022	Bridger August 2022	211
02-19-064-04W6	2022	Bridger August 2022	0
02-33-062-04W6	2022	Bridger August 2022	0
02-34-063-04W6	2022	Bridger August 2022	228
03-02-061-05W6	2022	Bridger August 2022	0
03-09-063-02W6	2022	Bridger August 2022	0
03-10-063-04W6	2022	Bridger August 2022	0
03-17-064-04W6	2022	Bridger August 2022	137
03-20-063-04W6	2022	Bridger August 2022	1612
03-21-063-04W6	2022	Bridger August 2022	0
03-21-063-05W6	2022	Bridger August 2022	0
03-24-063-05W6	2022	Bridger August 2022	0
03-29-064-05W6	2022	Bridger August 2022	28
03-32-062-04W6	2022	Bridger August 2022	191
03-33-063-04W6	2022	Bridger August 2022	0
03-34-061-04W6	2022	Bridger August 2022	0
04-06-063-04W6	2022	Bridger August 2022	170
04-12-064-05W6	2022	Bridger August 2022	64
04-14-064-05W6	2022	Bridger August 2022	1419
04-22-062-04W6	2022	Bridger August 2022	192
04-23-065-05W6	2022	Bridger August 2022	366
04-24-065-05W6	2022	Bridger August 2022	2448
04-28-061-04W6	2022	Bridger August 2022	0
04-29-063-02W6	2022	Bridger August 2022	0
04-30-064-03W6	2022	Bridger August 2022	0
04-31-062-04W6	2022	Bridger August 2022	78

Appendix B (Table 1)

Total Emissions Per Site Per Screening Campaign

Site	Year	Screening Campaign	Total Emission Rate (m ³ /day)
04-31-063-04W6	2022	Bridger August 2022	96
04-32-064-04W6	2022	Bridger August 2022	116
05-01-064-04W6	2022	Bridger August 2022	0
05-01-064-06W6	2022	Bridger August 2022	696
05-05-065-04W6	2022	Bridger August 2022	664
05-08-063-04W6	2022	Bridger August 2022	0
05-08-064-03W6	2022	Bridger August 2022	0
05-08-065-04W6	2022	Bridger August 2022	0
05-09-064-04W6	2022	Bridger August 2022	41
05-25-063-04W6	2022	Bridger August 2022	389
05-27-062-05W6	2022	Bridger August 2022	0
05-36-062-05W6	2022	Bridger August 2022	345
06-12-063-03W6	2022	Bridger August 2022	69
06-15-064-04W6	2022	Bridger August 2022	0
06-18-063-04W6	2022	Bridger August 2022	201
06-23-064-04W6	2022	Bridger August 2022	97
06-26-064-04W6	2022	Bridger August 2022	0
06-29-063-04W6	2022	Bridger August 2022	0
06-30-062-04W6	2022	Bridger August 2022	0
06-30-064-03W6	2022	Bridger August 2022	84
06-33-063-03W6	2022	Bridger August 2022	650
07-04-064-05W6	2022	Bridger August 2022	997
07-05-064-03W6	2022	Bridger August 2022	0
07-06-064-03W6	2022	Bridger August 2022	0
07-09-064-05W6	2022	Bridger August 2022	0
07-11-064-04W6	2022	Bridger August 2022	3335
07-16-064-05W6	2022	Bridger August 2022	86
08-01-064-06W6	2022	Bridger August 2022	48
08-03-064-04W6	2022	Bridger August 2022	200
08-06-064-04W6	2022	Bridger August 2022	979
08-07-063-04W6	2022	Bridger August 2022	1514
08-25-063-05W6	2022	Bridger August 2022	72
09-07-061-04W6	2022	Bridger August 2022	0
09-10-064-04W6	2022	Bridger August 2022	0

Appendix B (Table 1)

Total Emissions Per Site Per Screening Campaign

Site	Year	Screening Campaign	Total Emission Rate (m ³ /day)
09-14-064-04W6	2022	Bridger August 2022	188
09-24-064-04W6	2022	Bridger August 2022	242
09-28-064-04W6	2022	Bridger August 2022	31
09-30-063-03W6	2022	Bridger August 2022	242
09-36-062-05W6	2022	Bridger August 2022	290
10-07-064-03W6	2022	Bridger August 2022	0
10-08-064-04W6	2022	Bridger August 2022	48
10-08-064-05W6	2022	Bridger August 2022	0
10-09-064-05W6	2022	Bridger August 2022	30
10-10-064-05W6	2022	Bridger August 2022	49
10-10-065-05W6	2022	Bridger August 2022	2258
10-12-063-03W6	2022	Bridger August 2022	0
10-15-062-04W6	2022	Bridger August 2022	47
10-15-063-04W6	2022	Bridger August 2022	0
10-16-062-04W6	2022	Bridger August 2022	1161
10-16-063-04W6	2022	Bridger August 2022	0
10-19-064-03W6	2022	Bridger August 2022	1294
10-23-067-05W6	2022	Bridger August 2022	701
10-32-063-03W6	2022	Bridger August 2022	0
10-33-063-03W6	2022	Bridger August 2022	269
10-33-063-05W6	2022	Bridger August 2022	684
11-02-065-07W6	2022	Bridger August 2022	0
11-03-065-04W6	2022	Bridger August 2022	0
11-07-064-03W6	2022	Bridger August 2022	194
11-08-063-03W6	2022	Bridger August 2022	59
11-10-064-06W6	2022	Bridger August 2022	0
11-13-063-05W6	2022	Bridger August 2022	0
11-18-064-03W6	2022	Bridger August 2022	0
11-23-062-05W6	2022	Bridger August 2022	84
11-28-063-03W6	2022	Bridger August 2022	0
11-35-062-04W6	2022	Bridger August 2022	0
12-01-064-04W6	2022	Bridger August 2022	289
12-02-063-05W6	2022	Bridger August 2022	113
12-05-063-04W6	2022	Bridger August 2022	0

Appendix B (Table 1)

Total Emissions Per Site Per Screening Campaign

Site	Year	Screening Campaign	Total Emission Rate (m ³ /day)
12-12-064-04W6	2022	Bridger August 2022	0
12-14-063-05W6	2022	Bridger August 2022	1316
12-19-063-04W6	2022	Bridger August 2022	23
12-28-064-05W6	2022	Bridger August 2022	597
12-33-063-04W6	2022	Bridger August 2022	47
12-34-061-04W6	2022	Bridger August 2022	0
13-03-064-05W6	2022	Bridger August 2022	28
13-05-063-04W6	2022	Bridger August 2022	484
13-06-063-04W6	2022	Bridger August 2022	57
13-08-064-04W6	2022	Bridger August 2022	740
13-09-063-04W6	2022	Bridger August 2022	37
13-10-065-05W6	2022	Bridger August 2022	166
13-13-063-03W6	2022	Bridger August 2022	0
13-14-064-04W6	2022	Bridger August 2022	69
13-15-063-02W6	2022	Bridger August 2022	42
13-17-062-04W6	2022	Bridger August 2022	106
13-20-062-04W6	2022	Bridger August 2022	0
13-27-063-04W6	2022	Bridger August 2022	50
13-30-064-03W6	2022	Bridger August 2022	0
14-06-064-03W6	2022	Bridger August 2022	51
14-09-063-04W6	2022	Bridger August 2022	0
14-17-064-03W6	2022	Bridger August 2022	0
14-18-064-05W6	2022	Bridger August 2022	751
14-19-063-02W6	2022	Bridger August 2022	50
14-19-064-05W6	2022	Bridger August 2022	174
15-08-063-04W6	2022	Bridger August 2022	547
15-13-063-05W6	2022	Bridger August 2022	459
15-17-063-03W6	2022	Bridger August 2022	589
15-18-064-03W6	2022	Bridger August 2022	28
15-22-064-07W6	2022	Bridger August 2022	0
15-23-062-05W6	2022	Bridger August 2022	196
15-25-064-04W6	2022	Bridger August 2022	92
15-26-062-04W6	2022	Bridger August 2022	0
15-31-062-04W6	2022	Bridger August 2022	410

Appendix B (Table 1)

Total Emissions Per Site Per Screening Campaign

Site	Year	Screening Campaign	Total Emission Rate (m ³ /day)
15-32-063-04W6	2022	Bridger August 2022	158
15-34-062-04W6	2022	Bridger August 2022	44
15-34-063-03W6	2022	Bridger August 2022	369
16-06-063-03W6	2022	Bridger August 2022	0
16-06-063-04W6	2022	Bridger August 2022	1212
16-06-064-04W6	2022	Bridger August 2022	58
16-06-064-05W6	2022	Bridger August 2022	0
16-06-065-04W6	2022	Bridger August 2022	355
16-07-063-04W6	2022	Bridger August 2022	2462
16-10-063-05W6	2022	Bridger August 2022	0
16-14-063-03W6	2022	Bridger August 2022	145
16-16-061-04W6	2022	Bridger August 2022	0
16-16-064-04W6	2022	Bridger August 2022	203
16-17-064-04W6	2022	Bridger August 2022	575
16-18-064-04W6	2022	Bridger August 2022	103
16-20-065-04W6	2022	Bridger August 2022	0
16-21-063-02W6	2022	Bridger August 2022	0
16-21-063-04W6	2022	Bridger August 2022	1659
16-23-063-05W6	2022	Bridger August 2022	761
16-25-062-05W6	2022	Bridger August 2022	63
16-26-062-05W6	2022	Bridger August 2022	186
16-28-062-05W6	2022	Bridger August 2022	132
16-28-063-04W6	2022	Bridger August 2022	535
01-02-064-05W6	2023	Bridger Aug/Sept 2023	4269
01-06-063-04W6	2023	Bridger Aug/Sept 2023	156
01-09-061-05W6	2023	Bridger Aug/Sept 2023	0
01-13-063-05W6	2023	Bridger Aug/Sept 2023	0
01-18-064-04W6	2023	Bridger Aug/Sept 2023	0
01-21-063-02W6	2023	Bridger Aug/Sept 2023	1897
01-24-063-03W6	2023	Bridger Aug/Sept 2023	0
01-31-064-04W6	2023	Bridger Aug/Sept 2023	189
01-32-063-05W6	2023	Bridger Aug/Sept 2023	0
02-03-064-04W6	2023	Bridger Aug/Sept 2023	0
02-11-064-04W6	2023	Bridger Aug/Sept 2023	0

Appendix B (Table 1)

Total Emissions Per Site Per Screening Campaign

Site	Year	Screening Campaign	Total Emission Rate (m ³ /day)
02-13-063-03W6	2023	Bridger Aug/Sept 2023	0
02-31-063-04W6	2023	Bridger Aug/Sept 2023	2177
02-33-062-04W6	2023	Bridger Aug/Sept 2023	0
02-34-063-04W6	2023	Bridger Aug/Sept 2023	124
03-09-063-02W6	2023	Bridger Aug/Sept 2023	0
03-17-064-04W6	2023	Bridger Aug/Sept 2023	104
03-20-063-04W6	2023	Bridger Aug/Sept 2023	1802
03-21-063-05W6	2023	Bridger Aug/Sept 2023	0
03-29-064-05W6	2023	Bridger Aug/Sept 2023	0
03-32-062-04W6	2023	Bridger Aug/Sept 2023	0
03-33-063-04W6	2023	Bridger Aug/Sept 2023	159
04-06-063-04W6	2023	Bridger Aug/Sept 2023	783
04-12-064-05W6	2023	Bridger Aug/Sept 2023	118
04-14-064-05W6	2023	Bridger Aug/Sept 2023	1065
04-22-062-04W6	2023	Bridger Aug/Sept 2023	0
04-23-065-05W6	2023	Bridger Aug/Sept 2023	0
04-24-065-05W6	2023	Bridger Aug/Sept 2023	837
04-28-061-04W6	2023	Bridger Aug/Sept 2023	0
04-30-064-03W6	2023	Bridger Aug/Sept 2023	0
04-31-062-04W6	2023	Bridger Aug/Sept 2023	0
04-31-063-04W6	2023	Bridger Aug/Sept 2023	114
04-32-064-04W6	2023	Bridger Aug/Sept 2023	47
05-01-064-06W6	2023	Bridger Aug/Sept 2023	1770
05-02-063-05W6	2023	Bridger Aug/Sept 2023	0
05-05-065-04W6	2023	Bridger Aug/Sept 2023	0
05-09-064-04W6	2023	Bridger Aug/Sept 2023	0
05-25-063-04W6	2023	Bridger Aug/Sept 2023	778
05-27-062-05W6	2023	Bridger Aug/Sept 2023	0
05-36-062-05W6	2023	Bridger Aug/Sept 2023	0
06-12-063-03W6	2023	Bridger Aug/Sept 2023	0
06-15-064-04W6	2023	Bridger Aug/Sept 2023	0
06-18-063-04W6	2023	Bridger Aug/Sept 2023	0
06-23-064-04W6	2023	Bridger Aug/Sept 2023	221
06-23-064-06W6	2023	Bridger Aug/Sept 2023	0

Appendix B (Table 1)

Total Emissions Per Site Per Screening Campaign

Site	Year	Screening Campaign	Total Emission Rate (m ³ /day)
06-26-064-04W6	2023	Bridger Aug/Sept 2023	0
06-30-062-04W6	2023	Bridger Aug/Sept 2023	0
06-30-064-03W6	2023	Bridger Aug/Sept 2023	0
06-33-063-03W6	2023	Bridger Aug/Sept 2023	419
07-04-064-05W6	2023	Bridger Aug/Sept 2023	1856
07-09-064-05W6	2023	Bridger Aug/Sept 2023	60
07-11-064-04W6	2023	Bridger Aug/Sept 2023	1227
07-16-064-05W6	2023	Bridger Aug/Sept 2023	0
08-01-064-06W6	2023	Bridger Aug/Sept 2023	62
08-03-064-04W6	2023	Bridger Aug/Sept 2023	358
08-06-064-04W6	2023	Bridger Aug/Sept 2023	2279
08-07-063-04W6	2023	Bridger Aug/Sept 2023	2995
08-22-063-05W6	2023	Bridger Aug/Sept 2023	52
08-25-063-05W6	2023	Bridger Aug/Sept 2023	31
08-35-062-05W6	2023	Bridger Aug/Sept 2023	0
09-10-064-04W6	2023	Bridger Aug/Sept 2023	0
09-14-064-04W6	2023	Bridger Aug/Sept 2023	101
09-24-064-04W6	2023	Bridger Aug/Sept 2023	410
09-28-064-04W6	2023	Bridger Aug/Sept 2023	0
09-30-063-03W6	2023	Bridger Aug/Sept 2023	298
09-36-062-05W6	2023	Bridger Aug/Sept 2023	0
10-08-064-04W6	2023	Bridger Aug/Sept 2023	166
10-08-064-05W6	2023	Bridger Aug/Sept 2023	45
10-09-064-05W6	2023	Bridger Aug/Sept 2023	73
10-10-064-05W6	2023	Bridger Aug/Sept 2023	0
10-10-065-05W6	2023	Bridger Aug/Sept 2023	6284
10-12-063-03W6	2023	Bridger Aug/Sept 2023	0
10-15-063-04W6	2023	Bridger Aug/Sept 2023	0
10-16-062-04W6	2023	Bridger Aug/Sept 2023	960
10-16-063-04W6	2023	Bridger Aug/Sept 2023	0
10-19-064-03W6	2023	Bridger Aug/Sept 2023	0
10-23-067-05W6	2023	Bridger Aug/Sept 2023	552
10-33-063-03W6	2023	Bridger Aug/Sept 2023	291
10-33-063-05W6	2023	Bridger Aug/Sept 2023	442

Appendix B (Table 1)

Total Emissions Per Site Per Screening Campaign

Site	Year	Screening Campaign	Total Emission Rate (m ³ /day)
11-08-063-03W6	2023	Bridger Aug/Sept 2023	0
11-10-064-06W6	2023	Bridger Aug/Sept 2023	0
11-13-063-05W6	2023	Bridger Aug/Sept 2023	0
11-18-064-03W6	2023	Bridger Aug/Sept 2023	0
11-23-062-05W6	2023	Bridger Aug/Sept 2023	0
11-28-063-03W6	2023	Bridger Aug/Sept 2023	96
12-01-064-04W6	2023	Bridger Aug/Sept 2023	0
12-02-063-05W6	2023	Bridger Aug/Sept 2023	277
12-05-063-04W6	2023	Bridger Aug/Sept 2023	47
12-12-064-04W6	2023	Bridger Aug/Sept 2023	0
12-14-063-05W6	2023	Bridger Aug/Sept 2023	2914
12-19-063-04W6	2023	Bridger Aug/Sept 2023	153
12-28-064-05W6	2023	Bridger Aug/Sept 2023	1150
12-33-063-04W6	2023	Bridger Aug/Sept 2023	74
12-34-061-04W6	2023	Bridger Aug/Sept 2023	0
13-03-064-05W6	2023	Bridger Aug/Sept 2023	0
13-05-063-04W6	2023	Bridger Aug/Sept 2023	315
13-06-063-04W6	2023	Bridger Aug/Sept 2023	67
13-08-064-04W6	2023	Bridger Aug/Sept 2023	3247
13-09-063-04W6	2023	Bridger Aug/Sept 2023	312
13-10-065-05W6	2023	Bridger Aug/Sept 2023	211
13-14-064-04W6	2023	Bridger Aug/Sept 2023	104
13-15-063-02W6	2023	Bridger Aug/Sept 2023	0
13-17-062-04W6	2023	Bridger Aug/Sept 2023	0
13-20-062-04W6	2023	Bridger Aug/Sept 2023	0
13-27-063-04W6	2023	Bridger Aug/Sept 2023	75
13-36-063-05W6	2023	Bridger Aug/Sept 2023	148
14-06-064-03W6	2023	Bridger Aug/Sept 2023	199
14-09-063-04W6	2023	Bridger Aug/Sept 2023	0
14-17-064-03W6	2023	Bridger Aug/Sept 2023	0
14-18-064-05W6	2023	Bridger Aug/Sept 2023	591
14-19-063-02W6	2023	Bridger Aug/Sept 2023	0
14-24-064-04W6	2023	Bridger Aug/Sept 2023	234
15-08-063-04W6	2023	Bridger Aug/Sept 2023	3200

Appendix B (Table 1)

Total Emissions Per Site Per Screening Campaign

Site	Year	Screening Campaign	Total Emission Rate (m ³ /day)
15-13-063-05W6	2023	Bridger Aug/Sept 2023	169
15-17-063-03W6	2023	Bridger Aug/Sept 2023	748
15-18-064-03W6	2023	Bridger Aug/Sept 2023	0
15-23-062-05W6	2023	Bridger Aug/Sept 2023	431
15-26-062-04W6	2023	Bridger Aug/Sept 2023	0
15-31-062-04W6	2023	Bridger Aug/Sept 2023	319
15-32-063-04W6	2023	Bridger Aug/Sept 2023	696
15-34-062-04W6	2023	Bridger Aug/Sept 2023	123
15-34-063-03W6	2023	Bridger Aug/Sept 2023	492
16-06-063-03W6	2023	Bridger Aug/Sept 2023	45
16-06-063-04W6	2023	Bridger Aug/Sept 2023	3847
16-06-064-04W6	2023	Bridger Aug/Sept 2023	1869
16-06-064-05W6	2023	Bridger Aug/Sept 2023	0
16-06-065-04W6	2023	Bridger Aug/Sept 2023	0
16-07-063-04W6	2023	Bridger Aug/Sept 2023	3968
16-10-063-05W6	2023	Bridger Aug/Sept 2023	599
16-14-063-03W6	2023	Bridger Aug/Sept 2023	189
16-16-064-04W6	2023	Bridger Aug/Sept 2023	428
16-17-064-04W6	2023	Bridger Aug/Sept 2023	0
16-18-064-04W6	2023	Bridger Aug/Sept 2023	0
16-20-065-04W6	2023	Bridger Aug/Sept 2023	944
16-21-063-04W6	2023	Bridger Aug/Sept 2023	1905
16-23-063-05W6	2023	Bridger Aug/Sept 2023	569
16-25-062-05W6	2023	Bridger Aug/Sept 2023	211
16-25-064-04W6	2023	Bridger Aug/Sept 2023	0
16-26-062-05W6	2023	Bridger Aug/Sept 2023	398
16-28-062-05W6	2023	Bridger Aug/Sept 2023	0
16-28-063-04W6	2023	Bridger Aug/Sept 2023	1004

Appendix B (Table 2)

Individual Emissions Per Site Per Screening Campaign

Site	Year	Screening Campaign	Individual Emission Rate (m ³ /day)
01-06-063-04W6	2021	Bridger July 2021	5496
01-09-061-05W6	2021	Bridger July 2021	95
01-13-063-05W6	2021	Bridger July 2021	730
01-13-063-05W6	2021	Bridger July 2021	567
01-13-063-05W6	2021	Bridger July 2021	1493
01-18-064-04W6	2021	Bridger July 2021	0
01-21-063-02W6	2021	Bridger July 2021	61
01-21-063-02W6	2021	Bridger July 2021	337
01-21-063-02W6	2021	Bridger July 2021	161
01-21-063-02W6	2021	Bridger July 2021	308
01-21-063-02W6	2021	Bridger July 2021	149
01-21-063-02W6	2021	Bridger July 2021	80
01-21-063-02W6	2021	Bridger July 2021	28
01-21-063-02W6	2021	Bridger July 2021	90
01-21-063-02W6	2021	Bridger July 2021	203
01-21-063-02W6	2021	Bridger July 2021	106
01-21-063-02W6	2021	Bridger July 2021	34
01-21-063-02W6	2021	Bridger July 2021	220
01-21-063-02W6	2021	Bridger July 2021	253
01-21-063-02W6	2021	Bridger July 2021	287
01-21-063-02W6	2021	Bridger July 2021	114
01-24-063-03W6	2021	Bridger July 2021	153
01-30-065-06W6	2021	Bridger July 2021	0
01-31-064-04W6	2021	Bridger July 2021	888
01-32-063-05W6	2021	Bridger July 2021	0
02-03-064-04W6	2021	Bridger July 2021	0
02-11-064-04W6	2021	Bridger July 2021	0
02-19-064-04W6	2021	Bridger July 2021	0
02-31-063-04W6	2021	Bridger July 2021	0
02-33-062-04W6	2021	Bridger July 2021	172
02-33-062-04W6	2021	Bridger July 2021	1231
02-34-063-04W6	2021	Bridger July 2021	0
03-02-061-05W6	2021	Bridger July 2021	0
03-09-063-02W6	2021	Bridger July 2021	0

Appendix B (Table 2)

Individual Emissions Per Site Per Screening Campaign

Site	Year	Screening Campaign	Individual Emission Rate (m3/day)
03-10-063-04W6	2021	Bridger July 2021	0
03-17-064-04W6	2021	Bridger July 2021	0
03-20-063-04W6	2021	Bridger July 2021	377
03-20-063-04W6	2021	Bridger July 2021	487
03-20-063-04W6	2021	Bridger July 2021	253
03-20-063-04W6	2021	Bridger July 2021	237
03-21-063-04W6	2021	Bridger July 2021	0
03-21-063-05W6	2021	Bridger July 2021	0
03-24-063-05W6	2021	Bridger July 2021	0
03-29-064-05W6	2021	Bridger July 2021	0
03-32-062-04W6	2021	Bridger July 2021	0
03-33-063-04W6	2021	Bridger July 2021	0
03-34-061-04W6	2021	Bridger July 2021	879
03-34-061-04W6	2021	Bridger July 2021	272
01-02-064-05W6	2021	Bridger July 2021	1539
01-02-064-05W6	2021	Bridger July 2021	505
01-02-064-05W6	2021	Bridger July 2021	2774
04-06-063-04W6	2021	Bridger July 2021	164
04-06-063-04W6	2021	Bridger July 2021	262
04-12-064-05W6	2021	Bridger July 2021	230
04-14-064-05W6	2021	Bridger July 2021	388
04-14-064-05W6	2021	Bridger July 2021	292
04-14-064-05W6	2021	Bridger July 2021	90
04-14-064-05W6	2021	Bridger July 2021	404
04-14-064-05W6	2021	Bridger July 2021	424
04-14-064-05W6	2021	Bridger July 2021	174
04-14-064-05W6	2021	Bridger July 2021	52
04-14-064-05W6	2021	Bridger July 2021	57
04-14-064-05W6	2021	Bridger July 2021	161
04-22-062-04W6	2021	Bridger July 2021	229
04-22-062-04W6	2021	Bridger July 2021	576
04-22-062-04W6	2021	Bridger July 2021	114
04-23-065-05W6	2021	Bridger July 2021	300
04-23-065-05W6	2021	Bridger July 2021	1043

Appendix B (Table 2)

Individual Emissions Per Site Per Screening Campaign

Site	Year	Screening Campaign	Individual Emission Rate (m ³ /day)
04-23-065-05W6	2021	Bridger July 2021	74
04-24-065-05W6	2021	Bridger July 2021	533
04-24-065-05W6	2021	Bridger July 2021	445
04-24-065-05W6	2021	Bridger July 2021	2044
04-24-065-05W6	2021	Bridger July 2021	5283
04-28-061-04W6	2021	Bridger July 2021	138
04-29-063-02W6	2021	Bridger July 2021	0
04-30-064-03W6	2021	Bridger July 2021	0
04-31-062-04W6	2021	Bridger July 2021	479
04-31-062-04W6	2021	Bridger July 2021	255
04-31-062-04W6	2021	Bridger July 2021	98
04-31-063-04W6	2021	Bridger July 2021	0
04-32-064-04W6	2021	Bridger July 2021	0
05-01-064-04W6	2021	Bridger July 2021	0
05-01-064-06W6	2021	Bridger July 2021	151
05-01-064-06W6	2021	Bridger July 2021	232
05-01-064-06W6	2021	Bridger July 2021	157
05-01-064-06W6	2021	Bridger July 2021	173
05-02-063-05W6	2021	Bridger July 2021	0
05-05-065-04W6	2021	Bridger July 2021	253
05-08-063-04W6	2021	Bridger July 2021	0
05-08-064-03W6	2021	Bridger July 2021	0
05-08-065-04W6	2021	Bridger July 2021	0
05-09-064-04W6	2021	Bridger July 2021	0
05-25-063-04W6	2021	Bridger July 2021	237
05-27-062-05W6	2021	Bridger July 2021	0
05-36-062-05W6	2021	Bridger July 2021	268
06-12-063-03W6	2021	Bridger July 2021	30
06-15-064-04W6	2021	Bridger July 2021	63
06-15-064-04W6	2021	Bridger July 2021	276
06-18-063-04W6	2021	Bridger July 2021	0
06-23-064-04W6	2021	Bridger July 2021	517
06-23-064-04W6	2021	Bridger July 2021	78
06-23-064-04W6	2021	Bridger July 2021	275

Appendix B (Table 2)

Individual Emissions Per Site Per Screening Campaign

Site	Year	Screening Campaign	Individual Emission Rate (m ³ /day)
06-26-064-04W6	2021	Bridger July 2021	0
06-29-063-04W6	2021	Bridger July 2021	0
06-30-062-04W6	2021	Bridger July 2021	0
06-30-064-03W6	2021	Bridger July 2021	0
06-33-063-03W6	2021	Bridger July 2021	169
07-04-064-05W6	2021	Bridger July 2021	294
07-04-064-05W6	2021	Bridger July 2021	630
07-05-064-03W6	2021	Bridger July 2021	0
07-06-064-03W6	2021	Bridger July 2021	0
07-09-064-05W6	2021	Bridger July 2021	0
07-11-064-04W6	2021	Bridger July 2021	85
07-11-064-04W6	2021	Bridger July 2021	48
07-11-064-04W6	2021	Bridger July 2021	121
07-11-064-04W6	2021	Bridger July 2021	306
07-11-064-04W6	2021	Bridger July 2021	131
07-16-064-05W6	2021	Bridger July 2021	0
08-01-064-06W6	2021	Bridger July 2021	287
08-03-064-04W6	2021	Bridger July 2021	169
08-03-064-04W6	2021	Bridger July 2021	74
08-06-064-04W6	2021	Bridger July 2021	91
08-06-064-04W6	2021	Bridger July 2021	658
08-06-064-04W6	2021	Bridger July 2021	626
08-06-064-04W6	2021	Bridger July 2021	431
08-06-064-04W6	2021	Bridger July 2021	485
08-06-064-04W6	2021	Bridger July 2021	257
08-06-064-04W6	2021	Bridger July 2021	517
08-07-063-04W6	2021	Bridger July 2021	518
08-07-063-04W6	2021	Bridger July 2021	518
08-07-063-04W6	2021	Bridger July 2021	518
08-07-063-04W6	2021	Bridger July 2021	389
08-25-063-05W6	2021	Bridger July 2021	0
09-07-061-04W6	2021	Bridger July 2021	0
09-10-064-04W6	2021	Bridger July 2021	0
09-14-064-04W6	2021	Bridger July 2021	229

Appendix B (Table 2)

Individual Emissions Per Site Per Screening Campaign

Site	Year	Screening Campaign	Individual Emission Rate (m ³ /day)
09-14-064-04W6	2021	Bridger July 2021	223
09-24-064-04W6	2021	Bridger July 2021	125
09-24-064-04W6	2021	Bridger July 2021	284
09-24-064-04W6	2021	Bridger July 2021	129
09-28-064-04W6	2021	Bridger July 2021	32
09-28-064-04W6	2021	Bridger July 2021	86
09-30-063-03W6	2021	Bridger July 2021	93
09-30-063-03W6	2021	Bridger July 2021	115
09-36-062-05W6	2021	Bridger July 2021	272
09-36-062-05W6	2021	Bridger July 2021	334
09-36-062-05W6	2021	Bridger July 2021	185
10-07-064-03W6	2021	Bridger July 2021	0
10-08-064-04W6	2021	Bridger July 2021	0
10-08-064-04W6	2021	Bridger July 2021	0
10-08-064-05W6	2021	Bridger July 2021	0
10-09-064-05W6	2021	Bridger July 2021	0
10-10-064-05W6	2021	Bridger July 2021	0
10-10-065-05W6	2021	Bridger July 2021	0
10-12-063-03W6	2021	Bridger July 2021	0
10-15-062-04W6	2021	Bridger July 2021	0
10-15-063-04W6	2021	Bridger July 2021	0
10-16-062-04W6	2021	Bridger July 2021	299
10-16-062-04W6	2021	Bridger July 2021	475
10-16-062-04W6	2021	Bridger July 2021	739
10-16-063-04W6	2021	Bridger July 2021	0
10-19-064-03W6	2021	Bridger July 2021	65
10-19-064-03W6	2021	Bridger July 2021	118
10-23-067-05W6	2021	Bridger July 2021	359
10-23-067-05W6	2021	Bridger July 2021	566
10-23-067-05W6	2021	Bridger July 2021	1376
10-32-063-03W6	2021	Bridger July 2021	0
10-33-063-03W6	2021	Bridger July 2021	43
10-33-063-03W6	2021	Bridger July 2021	431
10-33-063-05W6	2021	Bridger July 2021	373

Appendix B (Table 2)

Individual Emissions Per Site Per Screening Campaign

Site	Year	Screening Campaign	Individual Emission Rate (m3/day)
11-02-065-07W6	2021	Bridger July 2021	0
11-03-065-04W6	2021	Bridger July 2021	0
11-07-064-03W6	2021	Bridger July 2021	105
11-08-063-03W6	2021	Bridger July 2021	107
11-10-064-06W6	2021	Bridger July 2021	0
11-13-063-05W6	2021	Bridger July 2021	0
11-18-064-03W6	2021	Bridger July 2021	0
11-23-062-05W6	2021	Bridger July 2021	62
11-28-063-03W6	2021	Bridger July 2021	0
11-35-062-04W6	2021	Bridger July 2021	0
12-01-064-04W6	2021	Bridger July 2021	0
12-02-063-05W6	2021	Bridger July 2021	0
12-05-063-04W6	2021	Bridger July 2021	0
12-12-064-04W6	2021	Bridger July 2021	0
12-14-063-05W6	2021	Bridger July 2021	441
12-14-063-05W6	2021	Bridger July 2021	425
12-14-063-05W6	2021	Bridger July 2021	721
12-14-063-05W6	2021	Bridger July 2021	241
12-14-063-05W6	2021	Bridger July 2021	1352
12-14-063-05W6	2021	Bridger July 2021	406
12-19-063-04W6	2021	Bridger July 2021	0
12-28-064-05W6	2021	Bridger July 2021	720
12-28-064-05W6	2021	Bridger July 2021	1325
12-28-064-05W6	2021	Bridger July 2021	3619
12-28-064-05W6	2021	Bridger July 2021	214
12-33-063-04W6	2021	Bridger July 2021	113
12-34-061-04W6	2021	Bridger July 2021	0
13-03-064-05W6	2021	Bridger July 2021	0
13-05-063-04W6	2021	Bridger July 2021	0
13-06-063-04W6	2021	Bridger July 2021	0
13-08-064-04W6	2021	Bridger July 2021	286
13-08-064-04W6	2021	Bridger July 2021	278
13-08-064-04W6	2021	Bridger July 2021	263
13-08-064-04W6	2021	Bridger July 2021	121

Appendix B (Table 2)

Individual Emissions Per Site Per Screening Campaign

Site	Year	Screening Campaign	Individual Emission Rate (m ³ /day)
13-09-063-04W6	2021	Bridger July 2021	0
13-10-065-05W6	2021	Bridger July 2021	763
13-10-065-05W6	2021	Bridger July 2021	504
13-13-063-03W6	2021	Bridger July 2021	0
13-14-064-04W6	2021	Bridger July 2021	190
13-14-064-04W6	2021	Bridger July 2021	416
13-15-063-02W6	2021	Bridger July 2021	136
13-17-062-04W6	2021	Bridger July 2021	0
13-20-062-04W6	2021	Bridger July 2021	34
13-27-063-04W6	2021	Bridger July 2021	0
13-30-064-03W6	2021	Bridger July 2021	0
14-06-064-03W6	2021	Bridger July 2021	259
14-06-064-03W6	2021	Bridger July 2021	259
14-09-063-04W6	2021	Bridger July 2021	0
14-17-064-03W6	2021	Bridger July 2021	0
14-18-064-05W6	2021	Bridger July 2021	291
14-18-064-05W6	2021	Bridger July 2021	813
14-18-064-05W6	2021	Bridger July 2021	754
14-19-063-02W6	2021	Bridger July 2021	72
14-19-064-05W6	2021	Bridger July 2021	174
15-08-063-04W6	2021	Bridger July 2021	252
15-08-063-04W6	2021	Bridger July 2021	272
15-08-063-04W6	2021	Bridger July 2021	377
15-13-063-05W6	2021	Bridger July 2021	0
15-17-063-03W6	2021	Bridger July 2021	218
15-17-063-03W6	2021	Bridger July 2021	134
15-17-063-03W6	2021	Bridger July 2021	270
15-18-064-03W6	2021	Bridger July 2021	104
15-22-064-07W6	2021	Bridger July 2021	0
15-23-062-05W6	2021	Bridger July 2021	138
15-23-062-05W6	2021	Bridger July 2021	181
15-25-064-04W6	2021	Bridger July 2021	264
15-26-062-04W6	2021	Bridger July 2021	226
15-31-062-04W6	2021	Bridger July 2021	0

Appendix B (Table 2)

Individual Emissions Per Site Per Screening Campaign

Site	Year	Screening Campaign	Individual Emission Rate (m ³ /day)
15-32-063-04W6	2021	Bridger July 2021	122
15-32-063-04W6	2021	Bridger July 2021	114
15-34-062-04W6	2021	Bridger July 2021	214
15-34-063-03W6	2021	Bridger July 2021	268
15-34-063-03W6	2021	Bridger July 2021	116
16-06-063-03W6	2021	Bridger July 2021	0
16-06-063-04W6	2021	Bridger July 2021	550
16-06-063-04W6	2021	Bridger July 2021	647
16-06-063-04W6	2021	Bridger July 2021	550
16-06-063-04W6	2021	Bridger July 2021	595
16-06-063-04W6	2021	Bridger July 2021	397
16-06-064-04W6	2021	Bridger July 2021	0
16-06-064-05W6	2021	Bridger July 2021	0
16-06-065-04W6	2021	Bridger July 2021	552
16-07-063-04W6	2021	Bridger July 2021	316
16-07-063-04W6	2021	Bridger July 2021	163
16-07-063-04W6	2021	Bridger July 2021	85
16-07-063-04W6	2021	Bridger July 2021	193
16-10-063-05W6	2021	Bridger July 2021	0
16-14-063-03W6	2021	Bridger July 2021	0
16-16-061-04W6	2021	Bridger July 2021	0
16-16-064-04W6	2021	Bridger July 2021	47
16-16-064-04W6	2021	Bridger July 2021	250
16-17-064-04W6	2021	Bridger July 2021	1222
16-17-064-04W6	2021	Bridger July 2021	123
16-17-064-04W6	2021	Bridger July 2021	107
16-18-064-04W6	2021	Bridger July 2021	212
16-18-064-04W6	2021	Bridger July 2021	199
16-20-065-04W6	2021	Bridger July 2021	523
16-21-063-02W6	2021	Bridger July 2021	0
16-21-063-04W6	2021	Bridger July 2021	776
16-21-063-04W6	2021	Bridger July 2021	62
16-21-063-04W6	2021	Bridger July 2021	568
16-21-063-04W6	2021	Bridger July 2021	571

Appendix B (Table 2)

Individual Emissions Per Site Per Screening Campaign

Site	Year	Screening Campaign	Individual Emission Rate (m ³ /day)
16-21-063-04W6	2021	Bridger July 2021	712
16-23-063-05W6	2021	Bridger July 2021	909
16-23-063-05W6	2021	Bridger July 2021	710
16-25-062-05W6	2021	Bridger July 2021	169
16-26-062-05W6	2021	Bridger July 2021	195
16-28-062-05W6	2021	Bridger July 2021	224
16-28-063-04W6	2021	Bridger July 2021	275
16-28-063-04W6	2021	Bridger July 2021	168
16-28-063-04W6	2021	Bridger July 2021	207
16-28-063-04W6	2021	Bridger July 2021	58
16-28-063-04W6	2021	Bridger July 2021	230
01-06-063-04W6	2022	Bridger Aug 2022	49
01-09-061-05W6	2022	Bridger Aug 2022	122
01-09-061-05W6	2022	Bridger Aug 2022	102
01-13-063-05W6	2022	Bridger Aug 2022	168
01-13-063-05W6	2022	Bridger Aug 2022	139
01-13-063-05W6	2022	Bridger Aug 2022	347
01-13-063-05W6	2022	Bridger Aug 2022	18
01-18-064-04W6	2022	Bridger Aug 2022	81
01-21-063-02W6	2022	Bridger Aug 2022	254
01-21-063-02W6	2022	Bridger Aug 2022	104
01-21-063-02W6	2022	Bridger Aug 2022	127
01-21-063-02W6	2022	Bridger Aug 2022	121
01-21-063-02W6	2022	Bridger Aug 2022	63
01-21-063-02W6	2022	Bridger Aug 2022	266
01-21-063-02W6	2022	Bridger Aug 2022	403
01-21-063-02W6	2022	Bridger Aug 2022	633
01-21-063-02W6	2022	Bridger Aug 2022	484
01-21-063-02W6	2022	Bridger Aug 2022	138
01-24-063-03W6	2022	Bridger Aug 2022	0
01-30-065-06W6	2022	Bridger Aug 2022	0
01-31-064-04W6	2022	Bridger Aug 2022	80
01-32-063-05W6	2022	Bridger Aug 2022	24
01-32-063-05W6	2022	Bridger Aug 2022	64

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Individual Emissions Per Site Per Screening Campaign

Site	Year	Screening Campaign	Individual Emission Rate (m ³ /day)
02-03-064-04W6	2022	Bridger Aug 2022	0
02-11-064-04W6	2022	Bridger Aug 2022	98
02-11-064-04W6	2022	Bridger Aug 2022	113
02-19-064-04W6	2022	Bridger Aug 2022	0
02-33-062-04W6	2022	Bridger Aug 2022	0
02-34-063-04W6	2022	Bridger Aug 2022	97
02-34-063-04W6	2022	Bridger Aug 2022	80
02-34-063-04W6	2022	Bridger Aug 2022	51
03-02-061-05W6	2022	Bridger Aug 2022	0
03-09-063-02W6	2022	Bridger Aug 2022	0
03-10-063-04W6	2022	Bridger Aug 2022	0
03-17-064-04W6	2022	Bridger Aug 2022	137
03-20-063-04W6	2022	Bridger Aug 2022	111
03-20-063-04W6	2022	Bridger Aug 2022	184
03-20-063-04W6	2022	Bridger Aug 2022	63
03-20-063-04W6	2022	Bridger Aug 2022	133
03-20-063-04W6	2022	Bridger Aug 2022	32
03-20-063-04W6	2022	Bridger Aug 2022	111
03-20-063-04W6	2022	Bridger Aug 2022	171
03-20-063-04W6	2022	Bridger Aug 2022	137
03-20-063-04W6	2022	Bridger Aug 2022	135
03-20-063-04W6	2022	Bridger Aug 2022	133
03-20-063-04W6	2022	Bridger Aug 2022	145
03-20-063-04W6	2022	Bridger Aug 2022	132
03-20-063-04W6	2022	Bridger Aug 2022	125
03-20-063-04W6	2022	Bridger Aug 2022	0
03-21-063-04W6	2022	Bridger Aug 2022	0
03-21-063-05W6	2022	Bridger Aug 2022	0
03-24-063-05W6	2022	Bridger Aug 2022	0
03-29-064-05W6	2022	Bridger Aug 2022	28
03-32-062-04W6	2022	Bridger Aug 2022	191
03-33-063-04W6	2022	Bridger Aug 2022	0
03-34-061-04W6	2022	Bridger Aug 2022	0
01-02-064-05W6	2022	Bridger Aug 2022	758

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Individual Emissions Per Site Per Screening Campaign

Site	Year	Screening Campaign	Individual Emission Rate (m ³ /day)
01-02-064-05W6	2022	Bridger Aug 2022	1377
01-02-064-05W6	2022	Bridger Aug 2022	761
01-02-064-05W6	2022	Bridger Aug 2022	169
01-02-064-05W6	2022	Bridger Aug 2022	144
04-06-063-04W6	2022	Bridger Aug 2022	68
04-06-063-04W6	2022	Bridger Aug 2022	102
04-12-064-05W6	2022	Bridger Aug 2022	64
04-14-064-05W6	2022	Bridger Aug 2022	206
04-14-064-05W6	2022	Bridger Aug 2022	206
04-14-064-05W6	2022	Bridger Aug 2022	235
04-14-064-05W6	2022	Bridger Aug 2022	37
04-14-064-05W6	2022	Bridger Aug 2022	75
04-14-064-05W6	2022	Bridger Aug 2022	47
04-14-064-05W6	2022	Bridger Aug 2022	75
04-14-064-05W6	2022	Bridger Aug 2022	109
04-14-064-05W6	2022	Bridger Aug 2022	144
04-14-064-05W6	2022	Bridger Aug 2022	135
04-14-064-05W6	2022	Bridger Aug 2022	150
04-14-064-05W6	2022	Bridger Aug 2022	0
04-22-062-04W6	2022	Bridger Aug 2022	192
04-23-065-05W6	2022	Bridger Aug 2022	36
04-23-065-05W6	2022	Bridger Aug 2022	144
04-23-065-05W6	2022	Bridger Aug 2022	186
04-24-065-05W6	2022	Bridger Aug 2022	0
04-24-065-05W6	2022	Bridger Aug 2022	459
04-24-065-05W6	2022	Bridger Aug 2022	741
04-24-065-05W6	2022	Bridger Aug 2022	607
04-24-065-05W6	2022	Bridger Aug 2022	101
04-24-065-05W6	2022	Bridger Aug 2022	540
04-28-061-04W6	2022	Bridger Aug 2022	0
04-29-063-02W6	2022	Bridger Aug 2022	0
04-30-064-03W6	2022	Bridger Aug 2022	0
04-31-062-04W6	2022	Bridger Aug 2022	78
04-31-063-04W6	2022	Bridger Aug 2022	96

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Individual Emissions Per Site Per Screening Campaign

Site	Year	Screening Campaign	Individual Emission Rate (m ³ /day)
04-32-064-04W6	2022	Bridger Aug 2022	116
05-01-064-04W6	2022	Bridger Aug 2022	0
05-01-064-06W6	2022	Bridger Aug 2022	121
05-01-064-06W6	2022	Bridger Aug 2022	102
05-01-064-06W6	2022	Bridger Aug 2022	140
05-01-064-06W6	2022	Bridger Aug 2022	256
05-01-064-06W6	2022	Bridger Aug 2022	77
05-05-065-04W6	2022	Bridger Aug 2022	332
05-05-065-04W6	2022	Bridger Aug 2022	332
05-08-063-04W6	2022	Bridger Aug 2022	0
05-08-064-03W6	2022	Bridger Aug 2022	0
05-08-065-04W6	2022	Bridger Aug 2022	0
05-09-064-04W6	2022	Bridger Aug 2022	41
05-25-063-04W6	2022	Bridger Aug 2022	301
05-25-063-04W6	2022	Bridger Aug 2022	88
05-27-062-05W6	2022	Bridger Aug 2022	0
05-36-062-05W6	2022	Bridger Aug 2022	67
05-36-062-05W6	2022	Bridger Aug 2022	33
05-36-062-05W6	2022	Bridger Aug 2022	245
06-12-063-03W6	2022	Bridger Aug 2022	69
06-15-064-04W6	2022	Bridger Aug 2022	0
06-18-063-04W6	2022	Bridger Aug 2022	20
06-18-063-04W6	2022	Bridger Aug 2022	53
06-18-063-04W6	2022	Bridger Aug 2022	128
06-23-064-04W6	2022	Bridger Aug 2022	45
06-23-064-04W6	2022	Bridger Aug 2022	52
06-26-064-04W6	2022	Bridger Aug 2022	0
06-29-063-04W6	2022	Bridger Aug 2022	0
06-30-062-04W6	2022	Bridger Aug 2022	0
06-30-064-03W6	2022	Bridger Aug 2022	84
06-33-063-03W6	2022	Bridger Aug 2022	332
06-33-063-03W6	2022	Bridger Aug 2022	318
07-04-064-05W6	2022	Bridger Aug 2022	239
07-04-064-05W6	2022	Bridger Aug 2022	192

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Individual Emissions Per Site Per Screening Campaign

Site	Year	Screening Campaign	Individual Emission Rate (m ³ /day)
07-04-064-05W6	2022	Bridger Aug 2022	85
07-04-064-05W6	2022	Bridger Aug 2022	43
07-04-064-05W6	2022	Bridger Aug 2022	78
07-04-064-05W6	2022	Bridger Aug 2022	158
07-04-064-05W6	2022	Bridger Aug 2022	202
07-05-064-03W6	2022	Bridger Aug 2022	0
07-06-064-03W6	2022	Bridger Aug 2022	0
07-09-064-05W6	2022	Bridger Aug 2022	0
07-11-064-04W6	2022	Bridger Aug 2022	2588
07-11-064-04W6	2022	Bridger Aug 2022	191
07-11-064-04W6	2022	Bridger Aug 2022	89
07-11-064-04W6	2022	Bridger Aug 2022	58
07-11-064-04W6	2022	Bridger Aug 2022	105
07-11-064-04W6	2022	Bridger Aug 2022	89
07-11-064-04W6	2022	Bridger Aug 2022	129
07-11-064-04W6	2022	Bridger Aug 2022	86
07-16-064-05W6	2022	Bridger Aug 2022	86
08-01-064-06W6	2022	Bridger Aug 2022	48
08-03-064-04W6	2022	Bridger Aug 2022	101
08-03-064-04W6	2022	Bridger Aug 2022	29
08-03-064-04W6	2022	Bridger Aug 2022	70
08-06-064-04W6	2022	Bridger Aug 2022	127
08-06-064-04W6	2022	Bridger Aug 2022	51
08-06-064-04W6	2022	Bridger Aug 2022	160
08-06-064-04W6	2022	Bridger Aug 2022	156
08-06-064-04W6	2022	Bridger Aug 2022	73
08-06-064-04W6	2022	Bridger Aug 2022	17
08-06-064-04W6	2022	Bridger Aug 2022	139
08-06-064-04W6	2022	Bridger Aug 2022	126
08-06-064-04W6	2022	Bridger Aug 2022	88
08-06-064-04W6	2022	Bridger Aug 2022	42
08-07-063-04W6	2022	Bridger Aug 2022	577
08-07-063-04W6	2022	Bridger Aug 2022	157
08-07-063-04W6	2022	Bridger Aug 2022	212

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Individual Emissions Per Site Per Screening Campaign

Site	Year	Screening Campaign	Individual Emission Rate (m3/day)
08-07-063-04W6	2022	Bridger Aug 2022	212
08-07-063-04W6	2022	Bridger Aug 2022	212
08-07-063-04W6	2022	Bridger Aug 2022	123
08-07-063-04W6	2022	Bridger Aug 2022	21
08-25-063-05W6	2022	Bridger Aug 2022	72
09-07-061-04W6	2022	Bridger Aug 2022	0
09-10-064-04W6	2022	Bridger Aug 2022	0
09-14-064-04W6	2022	Bridger Aug 2022	188
09-24-064-04W6	2022	Bridger Aug 2022	103
09-24-064-04W6	2022	Bridger Aug 2022	64
09-24-064-04W6	2022	Bridger Aug 2022	75
09-28-064-04W6	2022	Bridger Aug 2022	31
09-30-063-03W6	2022	Bridger Aug 2022	140
09-30-063-03W6	2022	Bridger Aug 2022	42
09-30-063-03W6	2022	Bridger Aug 2022	60
09-36-062-05W6	2022	Bridger Aug 2022	115
09-36-062-05W6	2022	Bridger Aug 2022	59
09-36-062-05W6	2022	Bridger Aug 2022	18
09-36-062-05W6	2022	Bridger Aug 2022	50
09-36-062-05W6	2022	Bridger Aug 2022	48
09-36-062-05W6	2022	Bridger Aug 2022	0
10-07-064-03W6	2022	Bridger Aug 2022	0
10-08-064-04W6	2022	Bridger Aug 2022	48
10-08-064-05W6	2022	Bridger Aug 2022	0
10-09-064-05W6	2022	Bridger Aug 2022	30
10-10-064-05W6	2022	Bridger Aug 2022	49
10-10-065-05W6	2022	Bridger Aug 2022	798
10-10-065-05W6	2022	Bridger Aug 2022	543
10-10-065-05W6	2022	Bridger Aug 2022	741
10-10-065-05W6	2022	Bridger Aug 2022	89
10-10-065-05W6	2022	Bridger Aug 2022	87
10-12-063-03W6	2022	Bridger Aug 2022	0
10-15-062-04W6	2022	Bridger Aug 2022	47
10-15-063-04W6	2022	Bridger Aug 2022	0

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Individual Emissions Per Site Per Screening Campaign

Site	Year	Screening Campaign	Individual Emission Rate (m ³ /day)
10-16-062-04W6	2022	Bridger Aug 2022	304
10-16-062-04W6	2022	Bridger Aug 2022	447
10-16-062-04W6	2022	Bridger Aug 2022	141
10-16-062-04W6	2022	Bridger Aug 2022	269
10-16-063-04W6	2022	Bridger Aug 2022	0
10-19-064-03W6	2022	Bridger Aug 2022	142
10-19-064-03W6	2022	Bridger Aug 2022	103
10-19-064-03W6	2022	Bridger Aug 2022	527
10-19-064-03W6	2022	Bridger Aug 2022	142
10-19-064-03W6	2022	Bridger Aug 2022	380
10-23-067-05W6	2022	Bridger Aug 2022	163
10-23-067-05W6	2022	Bridger Aug 2022	70
10-23-067-05W6	2022	Bridger Aug 2022	96
10-23-067-05W6	2022	Bridger Aug 2022	67
10-23-067-05W6	2022	Bridger Aug 2022	305
10-32-063-03W6	2022	Bridger Aug 2022	0
10-33-063-03W6	2022	Bridger Aug 2022	40
10-33-063-03W6	2022	Bridger Aug 2022	229
10-33-063-05W6	2022	Bridger Aug 2022	71
10-33-063-05W6	2022	Bridger Aug 2022	61
10-33-063-05W6	2022	Bridger Aug 2022	47
10-33-063-05W6	2022	Bridger Aug 2022	47
10-33-063-05W6	2022	Bridger Aug 2022	56
10-33-063-05W6	2022	Bridger Aug 2022	201
10-33-063-05W6	2022	Bridger Aug 2022	201
11-02-065-07W6	2022	Bridger Aug 2022	0
11-03-065-04W6	2022	Bridger Aug 2022	0
11-07-064-03W6	2022	Bridger Aug 2022	194
11-08-063-03W6	2022	Bridger Aug 2022	59
11-10-064-06W6	2022	Bridger Aug 2022	0
11-13-063-05W6	2022	Bridger Aug 2022	0
11-18-064-03W6	2022	Bridger Aug 2022	0
11-23-062-05W6	2022	Bridger Aug 2022	84
11-28-063-03W6	2022	Bridger Aug 2022	0

Appendix B (Table 2)

Individual Emissions Per Site Per Screening Campaign

Site	Year	Screening Campaign	Individual Emission Rate (m3/day)
11-35-062-04W6	2022	Bridger Aug 2022	0
12-01-064-04W6	2022	Bridger Aug 2022	137
12-01-064-04W6	2022	Bridger Aug 2022	152
12-02-063-05W6	2022	Bridger Aug 2022	113
12-05-063-04W6	2022	Bridger Aug 2022	0
12-12-064-04W6	2022	Bridger Aug 2022	0
12-14-063-05W6	2022	Bridger Aug 2022	488
12-14-063-05W6	2022	Bridger Aug 2022	144
12-14-063-05W6	2022	Bridger Aug 2022	142
12-14-063-05W6	2022	Bridger Aug 2022	142
12-14-063-05W6	2022	Bridger Aug 2022	222
12-14-063-05W6	2022	Bridger Aug 2022	178
12-19-063-04W6	2022	Bridger Aug 2022	23
12-28-064-05W6	2022	Bridger Aug 2022	192
12-28-064-05W6	2022	Bridger Aug 2022	204
12-28-064-05W6	2022	Bridger Aug 2022	143
12-28-064-05W6	2022	Bridger Aug 2022	58
12-33-063-04W6	2022	Bridger Aug 2022	47
12-34-061-04W6	2022	Bridger Aug 2022	0
13-03-064-05W6	2022	Bridger Aug 2022	28
13-05-063-04W6	2022	Bridger Aug 2022	361
13-05-063-04W6	2022	Bridger Aug 2022	123
13-06-063-04W6	2022	Bridger Aug 2022	57
13-08-064-04W6	2022	Bridger Aug 2022	217
13-08-064-04W6	2022	Bridger Aug 2022	158
13-08-064-04W6	2022	Bridger Aug 2022	41
13-08-064-04W6	2022	Bridger Aug 2022	62
13-08-064-04W6	2022	Bridger Aug 2022	49
13-08-064-04W6	2022	Bridger Aug 2022	21
13-08-064-04W6	2022	Bridger Aug 2022	131
13-08-064-04W6	2022	Bridger Aug 2022	61
13-09-063-04W6	2022	Bridger Aug 2022	37
13-10-065-05W6	2022	Bridger Aug 2022	166
13-13-063-03W6	2022	Bridger Aug 2022	0

Appendix B (Table 2)

Individual Emissions Per Site Per Screening Campaign

Site	Year	Screening Campaign	Individual Emission Rate (m ³ /day)
13-14-064-04W6	2022	Bridger Aug 2022	69
13-15-063-02W6	2022	Bridger Aug 2022	42
13-17-062-04W6	2022	Bridger Aug 2022	106
13-20-062-04W6	2022	Bridger Aug 2022	0
13-27-063-04W6	2022	Bridger Aug 2022	37
13-27-063-04W6	2022	Bridger Aug 2022	13
13-30-064-03W6	2022	Bridger Aug 2022	0
14-06-064-03W6	2022	Bridger Aug 2022	51
14-09-063-04W6	2022	Bridger Aug 2022	0
14-17-064-03W6	2022	Bridger Aug 2022	0
14-18-064-05W6	2022	Bridger Aug 2022	296
14-18-064-05W6	2022	Bridger Aug 2022	296
14-18-064-05W6	2022	Bridger Aug 2022	41
14-18-064-05W6	2022	Bridger Aug 2022	118
14-19-063-02W6	2022	Bridger Aug 2022	50
14-19-064-05W6	2022	Bridger Aug 2022	106
14-19-064-05W6	2022	Bridger Aug 2022	68
15-08-063-04W6	2022	Bridger Aug 2022	52
15-08-063-04W6	2022	Bridger Aug 2022	132
15-08-063-04W6	2022	Bridger Aug 2022	108
15-08-063-04W6	2022	Bridger Aug 2022	255
15-13-063-05W6	2022	Bridger Aug 2022	83
15-13-063-05W6	2022	Bridger Aug 2022	88
15-13-063-05W6	2022	Bridger Aug 2022	288
15-17-063-03W6	2022	Bridger Aug 2022	131
15-17-063-03W6	2022	Bridger Aug 2022	458
15-18-064-03W6	2022	Bridger Aug 2022	28
15-22-064-07W6	2022	Bridger Aug 2022	0
15-23-062-05W6	2022	Bridger Aug 2022	114
15-23-062-05W6	2022	Bridger Aug 2022	82
15-25-064-04W6	2022	Bridger Aug 2022	92
15-26-062-04W6	2022	Bridger Aug 2022	0
15-31-062-04W6	2022	Bridger Aug 2022	229
15-31-062-04W6	2022	Bridger Aug 2022	68

Appendix B (Table 2)

Individual Emissions Per Site Per Screening Campaign

Site	Year	Screening Campaign	Individual Emission Rate (m ³ /day)
15-31-062-04W6	2022	Bridger Aug 2022	113
15-32-063-04W6	2022	Bridger Aug 2022	88
15-32-063-04W6	2022	Bridger Aug 2022	70
15-34-062-04W6	2022	Bridger Aug 2022	44
15-34-063-03W6	2022	Bridger Aug 2022	261
15-34-063-03W6	2022	Bridger Aug 2022	108
16-06-063-03W6	2022	Bridger Aug 2022	0
16-06-063-04W6	2022	Bridger Aug 2022	149
16-06-063-04W6	2022	Bridger Aug 2022	118
16-06-063-04W6	2022	Bridger Aug 2022	125
16-06-063-04W6	2022	Bridger Aug 2022	125
16-06-063-04W6	2022	Bridger Aug 2022	117
16-06-063-04W6	2022	Bridger Aug 2022	118
16-06-063-04W6	2022	Bridger Aug 2022	158
16-06-063-04W6	2022	Bridger Aug 2022	118
16-06-063-04W6	2022	Bridger Aug 2022	122
16-06-063-04W6	2022	Bridger Aug 2022	38
16-06-063-04W6	2022	Bridger Aug 2022	24
16-06-064-04W6	2022	Bridger Aug 2022	31
16-06-064-04W6	2022	Bridger Aug 2022	27
16-06-064-05W6	2022	Bridger Aug 2022	0
16-06-065-04W6	2022	Bridger Aug 2022	355
16-07-063-04W6	2022	Bridger Aug 2022	166
16-07-063-04W6	2022	Bridger Aug 2022	241
16-07-063-04W6	2022	Bridger Aug 2022	179
16-07-063-04W6	2022	Bridger Aug 2022	192
16-07-063-04W6	2022	Bridger Aug 2022	413
16-07-063-04W6	2022	Bridger Aug 2022	634
16-07-063-04W6	2022	Bridger Aug 2022	279
16-07-063-04W6	2022	Bridger Aug 2022	358
16-10-063-05W6	2022	Bridger Aug 2022	0
16-14-063-03W6	2022	Bridger Aug 2022	145
16-16-061-04W6	2022	Bridger Aug 2022	0
16-16-064-04W6	2022	Bridger Aug 2022	155

Appendix B (Table 2)

Individual Emissions Per Site Per Screening Campaign

Site	Year	Screening Campaign	Individual Emission Rate (m ³ /day)
16-16-064-04W6	2022	Bridger Aug 2022	48
16-17-064-04W6	2022	Bridger Aug 2022	575
16-18-064-04W6	2022	Bridger Aug 2022	69
16-18-064-04W6	2022	Bridger Aug 2022	34
16-20-065-04W6	2022	Bridger Aug 2022	0
16-21-063-02W6	2022	Bridger Aug 2022	0
16-21-063-04W6	2022	Bridger Aug 2022	290
16-21-063-04W6	2022	Bridger Aug 2022	398
16-21-063-04W6	2022	Bridger Aug 2022	429
16-21-063-04W6	2022	Bridger Aug 2022	179
16-21-063-04W6	2022	Bridger Aug 2022	78
16-21-063-04W6	2022	Bridger Aug 2022	285
16-23-063-05W6	2022	Bridger Aug 2022	278
16-23-063-05W6	2022	Bridger Aug 2022	348
16-23-063-05W6	2022	Bridger Aug 2022	135
16-25-062-05W6	2022	Bridger Aug 2022	63
16-26-062-05W6	2022	Bridger Aug 2022	150
16-26-062-05W6	2022	Bridger Aug 2022	36
16-28-062-05W6	2022	Bridger Aug 2022	132
16-28-063-04W6	2022	Bridger Aug 2022	87
16-28-063-04W6	2022	Bridger Aug 2022	110
16-28-063-04W6	2022	Bridger Aug 2022	116
16-28-063-04W6	2022	Bridger Aug 2022	71
16-28-063-04W6	2022	Bridger Aug 2022	151
01-02-064-05W6	2023	Bridger Aug/Sept 2023	2323
01-02-064-05W6	2023	Bridger Aug/Sept 2023	1455
01-02-064-05W6	2023	Bridger Aug/Sept 2023	122
01-02-064-05W6	2023	Bridger Aug/Sept 2023	369
01-06-063-04W6	2023	Bridger Aug/Sept 2023	156
01-09-061-05W6	2023	Bridger Aug/Sept 2023	0
01-13-063-05W6	2023	Bridger Aug/Sept 2023	0
01-18-064-04W6	2023	Bridger Aug/Sept 2023	0
01-21-063-02W6	2023	Bridger Aug/Sept 2023	286
01-21-063-02W6	2023	Bridger Aug/Sept 2023	203

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Individual Emissions Per Site Per Screening Campaign

Site	Year	Screening Campaign	Individual Emission Rate (m ³ /day)
01-21-063-02W6	2023	Bridger Aug/Sept 2023	876
01-21-063-02W6	2023	Bridger Aug/Sept 2023	212
01-21-063-02W6	2023	Bridger Aug/Sept 2023	222
01-21-063-02W6	2023	Bridger Aug/Sept 2023	98
01-24-063-03W6	2023	Bridger Aug/Sept 2023	0
01-31-064-04W6	2023	Bridger Aug/Sept 2023	189
01-32-063-05W6	2023	Bridger Aug/Sept 2023	0
02-03-064-04W6	2023	Bridger Aug/Sept 2023	0
07-11-064-04W6	2023	Bridger Aug/Sept 2023	679
07-11-064-04W6	2023	Bridger Aug/Sept 2023	97
07-11-064-04W6	2023	Bridger Aug/Sept 2023	189
07-11-064-04W6	2023	Bridger Aug/Sept 2023	262
02-13-063-03W6	2023	Bridger Aug/Sept 2023	0
02-31-063-04W6	2023	Bridger Aug/Sept 2023	246
02-31-063-04W6	2023	Bridger Aug/Sept 2023	276
02-31-063-04W6	2023	Bridger Aug/Sept 2023	276
02-31-063-04W6	2023	Bridger Aug/Sept 2023	349
02-31-063-04W6	2023	Bridger Aug/Sept 2023	307
02-31-063-04W6	2023	Bridger Aug/Sept 2023	131
02-31-063-04W6	2023	Bridger Aug/Sept 2023	104
02-31-063-04W6	2023	Bridger Aug/Sept 2023	257
02-31-063-04W6	2023	Bridger Aug/Sept 2023	231
02-33-062-04W6	2023	Bridger Aug/Sept 2023	0
02-34-063-04W6	2023	Bridger Aug/Sept 2023	124
03-09-063-02W6	2023	Bridger Aug/Sept 2023	0
03-17-064-04W6	2023	Bridger Aug/Sept 2023	104
03-20-063-04W6	2023	Bridger Aug/Sept 2023	143
03-20-063-04W6	2023	Bridger Aug/Sept 2023	178
03-20-063-04W6	2023	Bridger Aug/Sept 2023	0
03-20-063-04W6	2023	Bridger Aug/Sept 2023	175
03-20-063-04W6	2023	Bridger Aug/Sept 2023	175
03-20-063-04W6	2023	Bridger Aug/Sept 2023	261
03-20-063-04W6	2023	Bridger Aug/Sept 2023	219
03-20-063-04W6	2023	Bridger Aug/Sept 2023	56

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Individual Emissions Per Site Per Screening Campaign

Site	Year	Screening Campaign	Individual Emission Rate (m ³ /day)
03-20-063-04W6	2023	Bridger Aug/Sept 2023	55
03-20-063-04W6	2023	Bridger Aug/Sept 2023	202
03-20-063-04W6	2023	Bridger Aug/Sept 2023	169
03-20-063-04W6	2023	Bridger Aug/Sept 2023	169
03-21-063-05W6	2023	Bridger Aug/Sept 2023	0
03-29-064-05W6	2023	Bridger Aug/Sept 2023	0
03-29-064-05W6	2023	Bridger Aug/Sept 2023	0
03-29-064-05W6	2023	Bridger Aug/Sept 2023	0
03-29-064-05W6	2023	Bridger Aug/Sept 2023	0
03-32-062-04W6	2023	Bridger Aug/Sept 2023	0
03-33-063-04W6	2023	Bridger Aug/Sept 2023	64
03-33-063-04W6	2023	Bridger Aug/Sept 2023	95
04-06-063-04W6	2023	Bridger Aug/Sept 2023	267
04-06-063-04W6	2023	Bridger Aug/Sept 2023	143
04-06-063-04W6	2023	Bridger Aug/Sept 2023	240
04-06-063-04W6	2023	Bridger Aug/Sept 2023	133
04-12-064-05W6	2023	Bridger Aug/Sept 2023	118
04-14-064-05W6	2023	Bridger Aug/Sept 2023	210
04-14-064-05W6	2023	Bridger Aug/Sept 2023	210
04-14-064-05W6	2023	Bridger Aug/Sept 2023	275
04-14-064-05W6	2023	Bridger Aug/Sept 2023	104
04-14-064-05W6	2023	Bridger Aug/Sept 2023	266
04-22-062-04W6	2023	Bridger Aug/Sept 2023	0
04-23-065-05W6	2023	Bridger Aug/Sept 2023	0
04-24-065-05W6	2023	Bridger Aug/Sept 2023	162
04-24-065-05W6	2023	Bridger Aug/Sept 2023	169
04-24-065-05W6	2023	Bridger Aug/Sept 2023	42
04-24-065-05W6	2023	Bridger Aug/Sept 2023	275
04-24-065-05W6	2023	Bridger Aug/Sept 2023	189
04-28-061-04W6	2023	Bridger Aug/Sept 2023	0
04-30-064-03W6	2023	Bridger Aug/Sept 2023	0
04-31-062-04W6	2023	Bridger Aug/Sept 2023	0
04-31-063-04W6	2023	Bridger Aug/Sept 2023	114
04-32-064-04W6	2023	Bridger Aug/Sept 2023	47

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Individual Emissions Per Site Per Screening Campaign

Site	Year	Screening Campaign	Individual Emission Rate (m ³ /day)
05-01-064-06W6	2023	Bridger Aug/Sept 2023	359
05-01-064-06W6	2023	Bridger Aug/Sept 2023	181
05-01-064-06W6	2023	Bridger Aug/Sept 2023	362
05-01-064-06W6	2023	Bridger Aug/Sept 2023	277
05-01-064-06W6	2023	Bridger Aug/Sept 2023	282
05-01-064-06W6	2023	Bridger Aug/Sept 2023	155
05-01-064-06W6	2023	Bridger Aug/Sept 2023	154
05-02-063-05W6	2023	Bridger Aug/Sept 2023	0
05-05-065-04W6	2023	Bridger Aug/Sept 2023	0
05-09-064-04W6	2023	Bridger Aug/Sept 2023	0
05-25-063-04W6	2023	Bridger Aug/Sept 2023	436
05-25-063-04W6	2023	Bridger Aug/Sept 2023	171
05-25-063-04W6	2023	Bridger Aug/Sept 2023	171
05-27-062-05W6	2023	Bridger Aug/Sept 2023	0
05-36-062-05W6	2023	Bridger Aug/Sept 2023	0
06-12-063-03W6	2023	Bridger Aug/Sept 2023	0
06-15-064-04W6	2023	Bridger Aug/Sept 2023	0
06-18-063-04W6	2023	Bridger Aug/Sept 2023	0
06-23-064-04W6	2023	Bridger Aug/Sept 2023	77
06-23-064-04W6	2023	Bridger Aug/Sept 2023	144
06-23-064-06W6	2023	Bridger Aug/Sept 2023	0
06-26-064-04W6	2023	Bridger Aug/Sept 2023	0
06-30-062-04W6	2023	Bridger Aug/Sept 2023	0
06-30-064-03W6	2023	Bridger Aug/Sept 2023	0
06-33-063-03W6	2023	Bridger Aug/Sept 2023	419
07-04-064-05W6	2023	Bridger Aug/Sept 2023	362
07-04-064-05W6	2023	Bridger Aug/Sept 2023	394
07-04-064-05W6	2023	Bridger Aug/Sept 2023	116
07-04-064-05W6	2023	Bridger Aug/Sept 2023	184
07-04-064-05W6	2023	Bridger Aug/Sept 2023	280
07-04-064-05W6	2023	Bridger Aug/Sept 2023	339
07-04-064-05W6	2023	Bridger Aug/Sept 2023	181
07-09-064-05W6	2023	Bridger Aug/Sept 2023	60
07-16-064-05W6	2023	Bridger Aug/Sept 2023	0

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Individual Emissions Per Site Per Screening Campaign

Site	Year	Screening Campaign	Individual Emission Rate (m ³ /day)
08-01-064-06W6	2023	Bridger Aug/Sept 2023	62
08-03-064-04W6	2023	Bridger Aug/Sept 2023	239
08-03-064-04W6	2023	Bridger Aug/Sept 2023	119
08-06-064-04W6	2023	Bridger Aug/Sept 2023	544
08-06-064-04W6	2023	Bridger Aug/Sept 2023	184
08-06-064-04W6	2023	Bridger Aug/Sept 2023	328
08-06-064-04W6	2023	Bridger Aug/Sept 2023	230
08-06-064-04W6	2023	Bridger Aug/Sept 2023	254
08-06-064-04W6	2023	Bridger Aug/Sept 2023	184
08-06-064-04W6	2023	Bridger Aug/Sept 2023	326
08-06-064-04W6	2023	Bridger Aug/Sept 2023	229
08-07-063-04W6	2023	Bridger Aug/Sept 2023	520
08-07-063-04W6	2023	Bridger Aug/Sept 2023	486
08-07-063-04W6	2023	Bridger Aug/Sept 2023	390
08-07-063-04W6	2023	Bridger Aug/Sept 2023	1524
08-07-063-04W6	2023	Bridger Aug/Sept 2023	75
08-22-063-05W6	2023	Bridger Aug/Sept 2023	0
08-22-063-05W6	2023	Bridger Aug/Sept 2023	52
08-25-063-05W6	2023	Bridger Aug/Sept 2023	31
08-35-062-05W6	2023	Bridger Aug/Sept 2023	0
09-10-064-04W6	2023	Bridger Aug/Sept 2023	0
09-14-064-04W6	2023	Bridger Aug/Sept 2023	63
09-14-064-04W6	2023	Bridger Aug/Sept 2023	38
09-24-064-04W6	2023	Bridger Aug/Sept 2023	127
09-24-064-04W6	2023	Bridger Aug/Sept 2023	67
09-24-064-04W6	2023	Bridger Aug/Sept 2023	92
09-24-064-04W6	2023	Bridger Aug/Sept 2023	124
09-28-064-04W6	2023	Bridger Aug/Sept 2023	0
09-30-063-03W6	2023	Bridger Aug/Sept 2023	159
09-30-063-03W6	2023	Bridger Aug/Sept 2023	139
09-36-062-05W6	2023	Bridger Aug/Sept 2023	0
10-08-064-04W6	2023	Bridger Aug/Sept 2023	166
10-08-064-05W6	2023	Bridger Aug/Sept 2023	45
10-09-064-05W6	2023	Bridger Aug/Sept 2023	73

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Individual Emissions Per Site Per Screening Campaign

Site	Year	Screening Campaign	Individual Emission Rate (m ³ /day)
10-10-064-05W6	2023	Bridger Aug/Sept 2023	0
10-10-065-05W6	2023	Bridger Aug/Sept 2023	1274
10-10-065-05W6	2023	Bridger Aug/Sept 2023	1427
10-10-065-05W6	2023	Bridger Aug/Sept 2023	93
10-10-065-05W6	2023	Bridger Aug/Sept 2023	81
10-10-065-05W6	2023	Bridger Aug/Sept 2023	477
10-10-065-05W6	2023	Bridger Aug/Sept 2023	797
10-10-065-05W6	2023	Bridger Aug/Sept 2023	222
10-10-065-05W6	2023	Bridger Aug/Sept 2023	180
10-10-065-05W6	2023	Bridger Aug/Sept 2023	176
10-10-065-05W6	2023	Bridger Aug/Sept 2023	1428
10-10-065-05W6	2023	Bridger Aug/Sept 2023	30
10-10-065-05W6	2023	Bridger Aug/Sept 2023	99
10-12-063-03W6	2023	Bridger Aug/Sept 2023	0
10-15-063-04W6	2023	Bridger Aug/Sept 2023	0
10-16-062-04W6	2023	Bridger Aug/Sept 2023	492
10-16-062-04W6	2023	Bridger Aug/Sept 2023	446
10-16-062-04W6	2023	Bridger Aug/Sept 2023	22
10-16-062-04W6	2023	Bridger Aug/Sept 2023	0
10-16-063-04W6	2023	Bridger Aug/Sept 2023	0
10-16-063-04W6	2023	Bridger Aug/Sept 2023	0
10-16-063-04W6	2023	Bridger Aug/Sept 2023	0
10-16-063-04W6	2023	Bridger Aug/Sept 2023	0
10-16-063-04W6	2023	Bridger Aug/Sept 2023	0
10-19-064-03W6	2023	Bridger Aug/Sept 2023	0
10-23-067-05W6	2023	Bridger Aug/Sept 2023	333
10-23-067-05W6	2023	Bridger Aug/Sept 2023	219
10-33-063-03W6	2023	Bridger Aug/Sept 2023	291
10-33-063-05W6	2023	Bridger Aug/Sept 2023	71
10-33-063-05W6	2023	Bridger Aug/Sept 2023	152
10-33-063-05W6	2023	Bridger Aug/Sept 2023	219
11-08-063-03W6	2023	Bridger Aug/Sept 2023	0
11-10-064-06W6	2023	Bridger Aug/Sept 2023	0
11-10-064-06W6	2023	Bridger Aug/Sept 2023	0
11-10-064-06W6	2023	Bridger Aug/Sept 2023	0

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Individual Emissions Per Site Per Screening Campaign

Site	Year	Screening Campaign	Individual Emission Rate (m3/day)
11-10-064-06W6	2023	Bridger Aug/Sept 2023	0
11-13-063-05W6	2023	Bridger Aug/Sept 2023	0
11-18-064-03W6	2023	Bridger Aug/Sept 2023	0
11-23-062-05W6	2023	Bridger Aug/Sept 2023	0
11-28-063-03W6	2023	Bridger Aug/Sept 2023	96
12-01-064-04W6	2023	Bridger Aug/Sept 2023	0
12-01-064-04W6	2023	Bridger Aug/Sept 2023	0
12-01-064-04W6	2023	Bridger Aug/Sept 2023	0
12-01-064-04W6	2023	Bridger Aug/Sept 2023	0
12-01-064-04W6	2023	Bridger Aug/Sept 2023	0
12-02-063-05W6	2023	Bridger Aug/Sept 2023	277
12-05-063-04W6	2023	Bridger Aug/Sept 2023	47
12-12-064-04W6	2023	Bridger Aug/Sept 2023	0
12-14-063-05W6	2023	Bridger Aug/Sept 2023	399
12-14-063-05W6	2023	Bridger Aug/Sept 2023	106
12-14-063-05W6	2023	Bridger Aug/Sept 2023	444
12-14-063-05W6	2023	Bridger Aug/Sept 2023	444
12-14-063-05W6	2023	Bridger Aug/Sept 2023	444
12-14-063-05W6	2023	Bridger Aug/Sept 2023	1077
12-19-063-04W6	2023	Bridger Aug/Sept 2023	153
12-28-064-05W6	2023	Bridger Aug/Sept 2023	254
12-28-064-05W6	2023	Bridger Aug/Sept 2023	247
12-28-064-05W6	2023	Bridger Aug/Sept 2023	226
12-28-064-05W6	2023	Bridger Aug/Sept 2023	134
12-28-064-05W6	2023	Bridger Aug/Sept 2023	195
12-28-064-05W6	2023	Bridger Aug/Sept 2023	94
12-33-063-04W6	2023	Bridger Aug/Sept 2023	74
12-34-061-04W6	2023	Bridger Aug/Sept 2023	0
13-03-064-05W6	2023	Bridger Aug/Sept 2023	0
13-05-063-04W6	2023	Bridger Aug/Sept 2023	205
13-05-063-04W6	2023	Bridger Aug/Sept 2023	110
13-06-063-04W6	2023	Bridger Aug/Sept 2023	67
13-08-064-04W6	2023	Bridger Aug/Sept 2023	331
13-08-064-04W6	2023	Bridger Aug/Sept 2023	806

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Individual Emissions Per Site Per Screening Campaign

Site	Year	Screening Campaign	Individual Emission Rate (m3/day)
13-08-064-04W6	2023	Bridger Aug/Sept 2023	728
13-08-064-04W6	2023	Bridger Aug/Sept 2023	1080
13-08-064-04W6	2023	Bridger Aug/Sept 2023	302
13-09-063-04W6	2023	Bridger Aug/Sept 2023	312
13-10-065-05W6	2023	Bridger Aug/Sept 2023	211
13-14-064-04W6	2023	Bridger Aug/Sept 2023	104
13-15-063-02W6	2023	Bridger Aug/Sept 2023	0
13-17-062-04W6	2023	Bridger Aug/Sept 2023	0
13-20-062-04W6	2023	Bridger Aug/Sept 2023	0
13-27-063-04W6	2023	Bridger Aug/Sept 2023	75
13-36-063-05W6	2023	Bridger Aug/Sept 2023	148
14-06-064-03W6	2023	Bridger Aug/Sept 2023	199
14-09-063-04W6	2023	Bridger Aug/Sept 2023	0
14-17-064-03W6	2023	Bridger Aug/Sept 2023	0
14-18-064-05W6	2023	Bridger Aug/Sept 2023	239
14-18-064-05W6	2023	Bridger Aug/Sept 2023	239
14-18-064-05W6	2023	Bridger Aug/Sept 2023	113
14-19-063-02W6	2023	Bridger Aug/Sept 2023	0
14-24-064-04W6	2023	Bridger Aug/Sept 2023	150
14-24-064-04W6	2023	Bridger Aug/Sept 2023	84
15-08-063-04W6	2023	Bridger Aug/Sept 2023	746
15-08-063-04W6	2023	Bridger Aug/Sept 2023	623
15-08-063-04W6	2023	Bridger Aug/Sept 2023	761
15-08-063-04W6	2023	Bridger Aug/Sept 2023	393
15-08-063-04W6	2023	Bridger Aug/Sept 2023	677
15-13-063-05W6	2023	Bridger Aug/Sept 2023	55
15-13-063-05W6	2023	Bridger Aug/Sept 2023	54
15-13-063-05W6	2023	Bridger Aug/Sept 2023	26
15-13-063-05W6	2023	Bridger Aug/Sept 2023	34
15-17-063-03W6	2023	Bridger Aug/Sept 2023	353
15-17-063-03W6	2023	Bridger Aug/Sept 2023	395
15-18-064-03W6	2023	Bridger Aug/Sept 2023	0
15-23-062-05W6	2023	Bridger Aug/Sept 2023	342
15-23-062-05W6	2023	Bridger Aug/Sept 2023	89

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Individual Emissions Per Site Per Screening Campaign

Site	Year	Screening Campaign	Individual Emission Rate (m3/day)
15-26-062-04W6	2023	Bridger Aug/Sept 2023	0
15-31-062-04W6	2023	Bridger Aug/Sept 2023	319
15-32-063-04W6	2023	Bridger Aug/Sept 2023	275
15-32-063-04W6	2023	Bridger Aug/Sept 2023	421
15-34-062-04W6	2023	Bridger Aug/Sept 2023	123
15-34-063-03W6	2023	Bridger Aug/Sept 2023	223
15-34-063-03W6	2023	Bridger Aug/Sept 2023	103
15-34-063-03W6	2023	Bridger Aug/Sept 2023	61
15-34-063-03W6	2023	Bridger Aug/Sept 2023	105
16-06-063-03W6	2023	Bridger Aug/Sept 2023	45
16-06-063-04W6	2023	Bridger Aug/Sept 2023	157
16-06-063-04W6	2023	Bridger Aug/Sept 2023	905
16-06-063-04W6	2023	Bridger Aug/Sept 2023	376
16-06-063-04W6	2023	Bridger Aug/Sept 2023	480
16-06-063-04W6	2023	Bridger Aug/Sept 2023	400
16-06-063-04W6	2023	Bridger Aug/Sept 2023	256
16-06-063-04W6	2023	Bridger Aug/Sept 2023	415
16-06-063-04W6	2023	Bridger Aug/Sept 2023	291
16-06-063-04W6	2023	Bridger Aug/Sept 2023	220
16-06-063-04W6	2023	Bridger Aug/Sept 2023	128
16-06-063-04W6	2023	Bridger Aug/Sept 2023	109
16-06-063-04W6	2023	Bridger Aug/Sept 2023	110
16-06-064-04W6	2023	Bridger Aug/Sept 2023	595
16-06-064-04W6	2023	Bridger Aug/Sept 2023	1086
16-06-064-04W6	2023	Bridger Aug/Sept 2023	188
16-06-064-05W6	2023	Bridger Aug/Sept 2023	0
16-06-065-04W6	2023	Bridger Aug/Sept 2023	0
16-07-063-04W6	2023	Bridger Aug/Sept 2023	755
16-07-063-04W6	2023	Bridger Aug/Sept 2023	395
16-07-063-04W6	2023	Bridger Aug/Sept 2023	545
16-07-063-04W6	2023	Bridger Aug/Sept 2023	998
16-07-063-04W6	2023	Bridger Aug/Sept 2023	482
16-07-063-04W6	2023	Bridger Aug/Sept 2023	359
16-07-063-04W6	2023	Bridger Aug/Sept 2023	434

Appendix B (Table 2)

Individual Emissions Per Site Per Screening Campaign

Site	Year	Screening Campaign	Individual Emission Rate (m ³ /day)
16-10-063-05W6	2023	Bridger Aug/Sept 2023	249
16-10-063-05W6	2023	Bridger Aug/Sept 2023	350
16-14-063-03W6	2023	Bridger Aug/Sept 2023	189
16-16-064-04W6	2023	Bridger Aug/Sept 2023	20
16-16-064-04W6	2023	Bridger Aug/Sept 2023	254
16-16-064-04W6	2023	Bridger Aug/Sept 2023	154
16-17-064-04W6	2023	Bridger Aug/Sept 2023	0
16-18-064-04W6	2023	Bridger Aug/Sept 2023	0
16-20-065-04W6	2023	Bridger Aug/Sept 2023	658
16-20-065-04W6	2023	Bridger Aug/Sept 2023	286
16-21-063-04W6	2023	Bridger Aug/Sept 2023	310
16-21-063-04W6	2023	Bridger Aug/Sept 2023	476
16-21-063-04W6	2023	Bridger Aug/Sept 2023	399
16-21-063-04W6	2023	Bridger Aug/Sept 2023	335
16-21-063-04W6	2023	Bridger Aug/Sept 2023	385
16-23-063-05W6	2023	Bridger Aug/Sept 2023	569
16-25-062-05W6	2023	Bridger Aug/Sept 2023	211
16-25-064-04W6	2023	Bridger Aug/Sept 2023	0
16-26-062-05W6	2023	Bridger Aug/Sept 2023	221
16-26-062-05W6	2023	Bridger Aug/Sept 2023	177
16-28-062-05W6	2023	Bridger Aug/Sept 2023	0
16-28-063-04W6	2023	Bridger Aug/Sept 2023	268
16-28-063-04W6	2023	Bridger Aug/Sept 2023	449
16-28-063-04W6	2023	Bridger Aug/Sept 2023	47
16-28-063-04W6	2023	Bridger Aug/Sept 2023	240

APPENDIX C – Follow-up OGI Information Tables

Table 1. Number of follow-ups per year per site (Page 2-9)

Table 2. Number and volume (m³/d) of fugitive detections by equipment type (Page 10)

Table 3. Number and volume (m³/d) of vent detections by equipment type (Page 11)

APPENDIX C (TABLE 1)**Number of follow-ups per year per site.**

Sites	Year			
	2020	2021	2022	2023
01-02-064-05W6	1	1	1	1
01-06-063-04W6	1	1	0	0
01-09-061-05W6	1	0	1	0
01-13-063-05W6	0	1	0	0
01-18-064-04W6	0	0	0	0
01-21-063-02W6	1	0	1	0
01-24-063-03W6	0	0	0	0
01-30-065-06W6	0	0	0	0
01-31-064-04W6	0	0	0	0
01-32-063-05W6	0	0	0	0
02-03-064-04W6	0	0	1	0
02-11-064-04W6	1	0	0	1
02-13-063-03W6	1	0	0	0
02-19-064-04W6	0	0	0	0
02-31-063-04W6	1	0	1	0
02-33-062-04W6	1	0	0	0
02-34-063-04W6	0	0	0	0
03-02-061-05W6	0	0	0	0
03-09-063-02W6	0	0	0	0
03-10-063-04W6	0	0	0	0
03-17-064-04W6	0	0	0	0
03-20-063-04W6	1	0	1	0
03-21-063-04W6	0	0	0	0

APPENDIX C (TABLE 1)				
Number of follow-ups per year per site.				
Sites	Year			
	2020	2021	2022	2023
03-21-063-05W6	1	0	0	0
03-24-063-05W6	0	0	0	0
03-29-064-05W6	0	0	1	0
03-32-062-04W6	0	0	0	0
03-33-063-04W6	1	0	0	0
03-34-061-04W6	1	0	0	0
04-01-064-05W6	0	0	0	0
04-06-063-04W6	0	0	1	0
04-12-064-05W6	0	0	0	0
04-14-064-05W6	0	0	1	0
04-22-062-04W6	0	1	1	0
04-23-065-05W6	1	0	0	0
04-24-065-05W6	0	1	1	0
04-28-061-04W6	1	0	1	0
04-29-063-02W6	0	0	0	0
04-30-064-03W6	0	0	0	0
04-31-062-04W6	1	0	1	0
04-31-063-04W6	0	0	0	0
04-32-064-04W6	0	0	0	0
05-01-064-04W6	0	0	0	0
05-01-064-06W6	1	0	1	0
05-02-063-05W6	0	0	1	0
05-05-065-04W6	0	0	0	0

APPENDIX C (TABLE 1)				
Number of follow-ups per year per site.				
Sites	Year			
	2020	2021	2022	2023
05-08-063-04W6	1	0	0	0
05-08-064-03W6	0	0	0	0
05-08-065-04W6	0	0	0	0
05-09-064-04W6	0	0	0	0
05-25-063-04W6	0	0	1	0
05-27-062-05W6	0	0	0	0
05-36-062-05W6	1	0	0	1
06-12-063-03W6	0	0	0	0
06-15-064-04W6	0	0	0	0
06-18-063-04W6	1	0	0	0
06-23-064-04W6	0	0	0	0
06-23-064-06W6	0	0	1	0
06-26-064-04W6	0	0	0	0
06-29-063-04W6	0	0	0	0
06-30-062-04W6	0	0	0	0
06-30-064-03W6	0	0	0	0
06-33-063-03W6	0	0	0	0
07-04-064-05W6	0	0	1	1
07-05-064-03W6	0	0	0	0
07-06-064-03W6	0	0	0	0
07-09-064-05W6	0	0	0	0
07-11-064-04W6	1	0	1	1
07-16-064-05W6	0	0	0	0

APPENDIX C (TABLE 1)				
Number of follow-ups per year per site.				
Sites	Year			
	2020	2021	2022	2023
08-01-064-06W6	1	0	0	0
08-03-064-04W6	0	0	1	0
08-06-064-04W6	1	1	1	1
08-07-063-04W6	1	0	1	1
08-22-063-05W6	1	0	1	0
08-25-063-05W6	0	0	1	0
08-35-062-05W6	1	0	0	0
09-07-061-04W6	0	0	0	0
09-10-064-04W6	0	0	0	0
09-14-064-04W6	1	0	0	1
09-24-064-04W6	0	0	0	0
09-28-064-04W6	0	0	0	0
09-30-063-03W6	0	0	0	0
09-36-062-05W6	1	0	0	0
10-07-064-03W6	0	0	0	0
10-08-064-04W6	0	0	0	0
10-08-064-05W6	0	0	0	0
10-09-064-05W6	1	0	1	0
10-10-064-05W6	0	0	1	0
10-10-065-05W6	0	0	1	1
10-12-063-03W6	1	0	0	0
10-15-062-04W6	0	0	0	0
10-15-063-04W6	1	0	0	0

APPENDIX C (TABLE 1)				
Number of follow-ups per year per site.				
Sites	Year			
	2020	2021	2022	2023
10-16-062-04W6	0	0	1	0
10-16-063-04W6	0	0	0	0
10-19-064-03W6	0	0	1	0
10-23-067-05W6	1	1	0	0
10-32-063-03W6	0	0	0	0
10-33-063-03W6	0	0	0	0
10-33-063-05W6	0	0	1	0
11-02-065-07W6	0	0	0	0
11-03-065-04W6	0	0	0	0
11-07-064-03W6	0	0	0	0
11-08-063-03W6	0	0	0	0
11-10-064-06W6	0	0	0	0
11-13-063-05W6	0	0	0	0
11-18-064-03W6	0	0	0	0
11-23-062-05W6	1	0	0	0
11-28-063-03W6	0	0	0	0
11-35-062-04W6	0	0	0	0
12-01-064-04W6	0	0	1	0
12-02-063-05W6	1	0	0	0
12-05-063-04W6	0	0	0	0
12-12-064-04W6	0	0	1	0
12-14-063-05W6	1	1	1	1
12-19-063-04W6	0	0	0	0

APPENDIX C (TABLE 1)**Number of follow-ups per year per site.**

Sites	Year			
	2020	2021	2022	2023
12-28-064-05W6	0	1	1	0
12-33-063-04W6	0	0	0	0
12-34-061-04W6	0	0	0	0
13-03-064-05W6	0	0	1	0
13-05-063-04W6	1	0	0	0
13-06-063-04W6	0	0	0	0
13-08-064-04W6	1	0	0	1
13-09-063-04W6	1	0	1	0
13-10-065-05W6	1	0	0	0
13-13-063-03W6	0	0	0	0
13-14-064-04W6	0	0	1	0
13-15-063-02W6	0	0	0	0
13-17-062-04W6	0	0	0	0
13-20-062-04W6	0	0	0	0
13-27-063-04W6	0	0	0	0
13-30-064-03W6	0	0	0	0
13-36-063-05W6	0	0	0	0
14-06-064-03W6	0	0	0	0
14-09-063-04W6	0	0	0	0
14-17-064-03W6	0	0	0	0
14-18-064-05W6	0	1	1	0
14-19-063-02W6	1	0	0	0
14-19-064-05W6	0	0	1	0

APPENDIX C (TABLE 1)				
Number of follow-ups per year per site.				
Sites	Year			
	2020	2021	2022	2023
14-24-064-04W6	0	0	0	0
15-08-063-04W6	0	0	0	1
15-13-063-05W6	1	1	0	0
15-17-063-03W6	0	0	0	0
15-18-064-03W6	0	0	0	0
15-22-064-07W6	0	0	0	0
15-23-062-05W6	1	0	0	0
15-25-064-04W6	0	0	0	0
15-26-062-04W6	0	0	0	0
15-31-062-04W6	1	0	0	0
15-32-063-04W6	1	0	0	0
15-34-062-04W6	0	0	0	0
15-34-063-03W6	1	0	0	0
16-06-063-03W6	0	0	0	0
16-06-063-04W6	1	1	1	1
16-06-064-04W6	1	0	0	0
16-06-064-05W6	1	0	1	0
16-06-065-04W6	0	0	0	0
16-07-063-04W6	1	0	1	1
16-10-063-05W6	1	0	1	0
16-14-063-03W6	1	0	1	0
16-16-061-04W6	0	0	0	0
16-16-064-04W6	0	0	1	0

APPENDIX C (TABLE 1)**Number of follow-ups per year per site.**

Sites	Year			
	2020	2021	2022	2023
16-17-064-04W6	0	0	0	0
16-18-064-04W6	0	0	1	0
16-20-065-04W6	0	0	0	0
16-21-063-02W6	0	0	0	0
16-21-063-04W6	1	1	1	0
16-23-063-05W6	1	0	1	0
16-25-062-05W6	1	0	0	0
16-26-062-05W6	1	0	0	0
16-28-062-05W6	1	0	0	0
16-28-063-04W6	1	0	0	0
16-29-064-05W6	0	1	1	0

Appendix C (Table 2)

Number & Volume (m³/d) of Fugitive Detections by Equipment Type

Equipment Type	2020 No. of Detections	2020 Volume	2021 No. of Detections	2021 Volume	2022 No. of Detections	2022 Volume	2023 No. of Detections	2023 Volume
wellhead	5	20	12	22	17	37	4	11
separator	4	18	10	18	28	70	15	85
treater	0	0	0	0	0	0	0	0
dehydrator	2	2	1	4	7	20	3	25
meter	0	0	0	0	0	0	1	2
reciprocating compressor	23	143	36	188	22	107	14	119
screw compressor	0	0	0	0	0	0	1	16
heater	0	0	0	0	1	1	0	0
header	0	0	0	0	0	0	0	0
pneumatic pump	0	0	0	0	0	0	0	0
pneumatic instrument	0	0	0	0	0	0	0	0
tank	50	1103	21	290	84	997	7	99
flare stack	0	0	1	0	0	0	0	0
vent stack	0	0	0	0	0	0	0	0
surface casing vent	0	0	0	0	0	0	0	0
pig sender/receiver	0	0	0	0	0	0	0	0
pipeline - buried	0	0	0	0	0	0	0	0
pipeline - aboveground	107	841	30	57	41	84	19	95
sweetening process	0	0	0	0	0	0	13	57
other	0	0	33	59	68	242	8	33
Totals	192	2126	144	639	268	1557	85	541

Appendix C (Table 3)

Number and volume (m³/d) of vent detections by equipment type

Equipment Type	2020 No. of Detections	2020 Volume	2021 No. of Detections	2021 Volume	2022 No. of Detections	2022 Volume	2023 No. of Detections	2023 Volume
wellhead	0	0	1	1	2	5	1	3
separator	4	32	1	2	41	251	45	680
treater	0	0	0	0	0	0	0	0
dehydrator	2	8	2	16	6	19	3	11
meter	0	0	0	0	0	0	0	0
reciprocating compressor	38	590	20	244	38	850	16	469
screw compressor	0	0	0	0	0	0	0	0
heater	0	0	0	0	0	0	0	0
header	0	0	0	0	0	0	0	0
pneumatic pump	0	0	0	0	0	0	0	0
pneumatic instrument	0	0	0	0	0	0	0	0
tank	14	167	6	125	32	190	1	10
flare stack	1	49	1	0	0	0	1	37
vent stack	0	0	0	0	0	0	0	0
surface casing vent	0	0	0	0	0	0	0	0
pig sender/receiver	0	0	0	0	0	0	0	0
pipeline - buried	0	0	0	0	0	0	0	0
pipeline - aboveground	262	2044	49	271	38	207	48	350
sweetening process	0	0	0	0	1	4	33	137
other	11	92	37	431	96	678	5	43
Totals	332	2981	117	1090	254	2203	153	1739