

SoCalGas, July 1st, 2024
Rulemaking (R.) 15-01-008 to Adopt Rules and Procedures Governing Commission Regulated Natural Gas Pipelines and Facilities to Reduce Natural Gas Leaks Consistent with Senate Bill 1371, Leno.

In Response to Data Request, R15-01-008 2024 June Report
Appendix 5; Rev. 03/29/2024

Notes:

Use a formula-derived value with the formula used in the Annual Emissions column. Do not use a copy and paste-as-value.

At the end of Annual Emissions Column, add a summation total in a cell for a column total, and then highlight orange.

As revised in 2022, add F1, F2 and F3 for Farm Taps

Distribution M&R Station Leaks and Emissions (Informational Purposes Only)

Number of Stations	Station Classification	Emission Factor (Mscf/yr)	Annual Emissions (Mscf)	Explanatory Notes / Comments
7	A1	40.600	284.20	2023 EOY Above Grade < 100 psi Actual Inlet Press
67	A2	896.500	60,065.50	2023 EOY Above Grade 100 - 300 psi Actual Inlet Press
159	A3	1,684.500	267,835.50	2023 EOY Above Grade > 300 psi Actual Inlet Press
124	B1	0.964	119.54	2023 EOY Below Grade < 100 psi Actual Inlet Press
981	B2	1.840	1,805.04	2023 EOY Below Grade 100 - 300 psi Actual Inlet Press
616	B3	12.176	7,500.42	2023 EOY Below Grade > 300 psi Actual Inlet Press
377	F1	12.200	4,599.40	2023 EOY Farm Tap < 100 psi Actual Inlet Press
6,658	F2	12.200	81,227.60	2023 EOY Farm Tap 100 - 300 psi Actual Inlet Press
2,292	F3	12.200	27,962.40	2023 EOY Farm Tap > 300 psi Actual Inlet Press
Sum Total			451,400	

SoCalGas, July 1st, 2024
 Rulemaking (R.) 15-01-008 to Adopt Rules and Procedures Governing Commission Regulated Natural Gas Pipelines and Facilities to Reduce Natural Gas Leaks Consistent with Senate Bill 1371, Leno.
 In Response to Data Request, R15-01-008 2024 June Report
 Appendix 5: Rev. 03/29/2024

Notes:
 Use a formula-derived value with the formula used in the Annual Emissions column. Do not use a copy and paste-as-value.
 At the end of Annual Emissions Column, add a summation total in a cell for a column total, and then highlight orange.
 After completing the tab on "Leak Based - Station Emissions" and "Station - Unknown Leaks" fill in the table for "Leak Based - Emissions Summary."

Distribution M&R Station Leaks:

ID	Geographic Location	M&R Station or Farm Tap Classification	Component Type	Incoming Pressure (psi)	Leak Grade	Upgraded Leak Grade or Downgraded Leak Grade	Leak Discovery Method	Discovery Date (MM/DD/YY)	Re-Grade Date (MM/DD/YY)	Repair Date (MM/DD/YY)	Scheduled Repair Date (MM/DD/YY)	Reason for Not Scheduling a Repair	Number of Days Leaking	Number of Days to Repair	Emission Factor (Misc/Day)	Annual Emissions (Misc)	Explanatory Notes / Comments
----	---------------------	--	----------------	-------------------------	------------	--	-----------------------	---------------------------	--------------------------	------------------------	----------------------------------	------------------------------------	------------------------	--------------------------	----------------------------	-------------------------	------------------------------

Not Applicable

Sum Total Emissions from leaks carried over from before 2023 Provided as an example.

Sum Total Emissions from leaks discovered in 2023 Provided as an example.

Sum Total Emissions from O&M Leaks discovered in 2023 Provided as an example.

Grand Total of all 2023 emissions from leaks Provided as an example.

Notes:
 If highlighted cells are filled in, the other cells will auto-populate

Summary of Data by Distribution M&R Station Results for Annual System Leak Rate and Resulting Number of Unknown Leaks calculated for M&R Station

M&R Station Classification; Leak Grade or Bubble Size Category if available.	Total System M&R Station per survey Cycle	M&R Station on Annual Survey [MX,A]	M&R Station on Multi-Year Survey Cycles [MXTot]	Survey Interval (yrs) [I]	M&R Station Surveyed Annually from Multi-Year Survey Cycles [MX,I]	Total # of Leaks Detected from Survey [N _{xL}]	Annual Leak Rate [Leaks / Meter] $R_x = \frac{N_{xL}}{M_{xA} + (I \times M_{xI})}$	# of Unknown Leaks $N_{x,unk} = R_x \times (M_{x,Tot} - M_{xL}) \times \frac{I}{2}$	Total # of Leaks Detected from O&M* [N _{xO}]
Not Applicable				1			-	-	
				3			-	-	
				5			-	-	
				1			-	-	
				3			-	-	
				5			-	-	
				1			-	-	
				3			-	-	
				5			-	-	
				1			-	-	
				3			-	-	
				5			-	-	
				1			-	-	
				3			-	-	
				5			-	-	
				1			-	-	
				3			-	-	
				5			-	-	
				1			-	-	
				3			-	-	
				5			-	-	
				1			-	-	
				3			-	-	
				5			-	-	
				1			-	-	
				3			-	-	
				5			-	-	
				1			-	-	
				3			-	-	
				5			-	-	
				1			-	-	
				3			-	-	
				5			-	-	
				1			-	-	
				3			-	-	
				5			-	-	
				1			-	-	
				3			-	-	
				5			-	-	
				1			-	-	
				3			-	-	
				5			-	-	
				1			-	-	
				3			-	-	
				5			-	-	
				1			-	-	
				3			-	-	
				5			-	-	
				1			-	-	
				3			-	-	
				5			-	-	
				1			-	-	
				3			-	-	
				5			-	-	
				1			-	-	
				3			-	-	
				5			-	-	
				1			-	-	
				3			-	-	
				5			-	-	
				1			-	-	
				3			-	-	
				5			-	-	
				1			-	-	
				3			-	-	
				5			-	-	
				1			-	-	
				3			-	-	
				5			-	-	
				1			-	-	
				3			-	-	
				5			-	-	
				1			-	-	
				3			-	-	
				5			-	-	
				1			-	-	
				3			-	-	
				5			-	-	
				1			-	-	
				3			-	-	
				5			-	-	
				1			-	-	
				3			-	-	
				5			-	-	
				1			-	-	
				3			-	-	
				5			-	-	
				1			-	-	
				3			-	-	
				5			-	-	
				1			-	-	
				3			-	-	
				5			-	-	
				1			-	-	
				3			-	-	
				5			-	-	
				1			-	-	
				3			-	-	
				5			-	-	
				1			-	-	
				3			-	-	
				5			-	-	
				1			-	-	
				3			-	-	
				5			-	-	
				1			-	-	
				3			-	-	
				5			-	-	
				1			-	-	
				3			-	-	
				5			-	-	
				1			-	-	
				3			-	-	
				5			-	-	
				1			-	-	
				3			-	-	
				5			-	-	
				1			-	-	
				3			-	-	
				5			-	-	
				1			-	-	
				3			-	-	
				5			-	-	
				1			-	-	
				3			-	-	
				5			-	-	
				1			-	-	
				3			-	-	
				5			-	-	
				1			-	-	
				3			-	-	
				5			-	-	
				1			-	-	
				3			-	-	
				5			-	-	
				1			-	-	
				3			-	-	
				5			-	-	
				1			-	-	
				3			-	-	
				5			-	-	
				1			-	-	
				3			-	-	
				5			-	-	
				1			-	-	
				3			-	-	
				5			-	-	
				1			-	-	
				3			-	-	
				5			-	-	
				1			-	-	
				3			-	-	
				5			-	-	
				1			-	-	
				3			-	-	
				5			-	-	
				1			-	-	
				3			-	-	
				5			-	-	
				1			-	-	
				3			-	-	
				5			-	-	
				1			-	-	
				3			-	-	
				5			-	-	
				1			-	-	
				3			-	-	
				5			-	-	
				1			-	-	
				3			-	-	
				5			-	-	
				1			-	-	
				3			-	-	
				5			-	-	
				1			-	-	
				3			-	-	
				5			-	-	
				1			-	-	
				3			-	-	
				5			-	-	
				1			-	-	
				3			-	-	
				5			-	-	
				1			-	-	
				3			-	-	
				5			-	-	
				1			-	-	
				3			-	-	
				5			-	-	
				1			-	-	
				3			-	-	
				5			-	-	
				1			-	-	

SoCalGas, July 1st, 2024

Rulemaking (R.) 15-01-008 to Adopt Rules and Procedures Governing Commission Regulated Natural Gas Pipelines and Facilities to Reduce Natural Gas Leaks Consistent with Senate Bill 1371, Leno.
 In Response to Data Request, R15-01-008 2024 June Report
 Appendix 5, Rev. 03/29/2024

Notes:

Use a formula-derived value with the formula used in the Annual Emissions column. Do not use a copy and paste-as-value.
 At the end of Annual Emissions Column, add a summation total in a cell for a column total, and then highlight orange

Distribution M&R Station Damage (3rd party dig-ins, natural disasters, etc.):

ID	Geographic Location	Damage Type	Pipe Material	Pipe Size (nominal)	Pipe Age (months)	Pressure (psi)	Leak Grade	Above Ground or Below Ground	Discovery Date (MM/DD/YY)	Repair Date (MM/DD/YY)	Number of Days Leaking	Emission Factor (Mscf/Day)	Annual Emissions (Mscf)	Explanatory Notes / Comments
----	---------------------	-------------	---------------	---------------------	-------------------	----------------	------------	------------------------------	---------------------------	------------------------	------------------------	----------------------------	-------------------------	------------------------------

Sum Total 0

SoCalGas, July 1st, 2024

Rulemaking (R.) 15-01-008 to Adopt Rules and Procedures Governing Commission Regulated Natural Gas Pipelines and Facilities to Reduce Natural Gas Leaks Consistent with Senate Bill 1371, Leno.
 In Response to Data Request, R15-01-008 2024 June Report
 Appendix 5; Rev. 03/29/2024

Notes:

Use a formula-derived value with the formula used in the Annual Emissions column. Do not use a copy and paste-as-value.
 At the end of Annual Emissions Column, add a summation total in a cell for a column total, and then highlight orange.

Distribution M&R Station Blowdowns:

ID	Geographic Location	Number of Blowdown Events	Annual Emissions (Mscf)	Explanatory Notes / Comments
N/A	SoCalGas Territory	16,222	64.9	External District Reg. Inspection at Distribution M&R Stations - Estimated avg. gas vented = 4 scf/insp
N/A	SoCalGas Territory	41	1.2	Filter Change out or Filter Inspection w/parts replacement at Distribution M&R Stations - Estimated avg. gas vented = 30 scf/ea
N/A	SoCalGas Territory	85	2.6	Quarterly Orifice Plate Inspection at BTU District Meters - Estimated avg. gas vented = 30 scf/insp
N/A	SoCalGas Territory	2,456	29.5	Reg. Change out & Internal Reg. Inspection at Distribution M&R Stations - Estimated avg. gas vented = 12 scf/ea
N/A	SoCalGas Territory	269	5.4	Relief Valve Inspection at Distribution M&R Stations - Estimated avg. gas vented = 20 scf/insp (annual test with Nitrogen, gas vented is volume of gas in valve)
N/A	SoCalGas Territory	2,322	7.0	Reg. Change out & Internal Reg. Inspection at Tap Facilities - Estimated avg. gas vented = 3 scf/ea
N/A	SoCalGas Territory	113	2.3	Relief Valve Inspection at Tap Facilities - Estimated avg. gas vented = 20 scf/insp (annual test with Nitrogen, gas vented is volume of gas in valve).
N/A	SoCalGas Territory	4,099	4.7	External Reg. Inspection at Tap Facilities - Estimated avg. gas vented = 1 scf/insp
N/A	SoCalGas Territory	492	5.9	Straight Install/Remove Reg. Activity at Distribution M&R Stations - Estimated avg. gas vented = 12 scf/ea
N/A	SoCalGas Territory	7	0.0	Filter Change out or Filter Inspection w/parts replacement at Tap Facilities - Estimated avg. gas vented = 5 scf/ea
Sum Total			121	

SoCalGas, July 1st, 2024

Rulemaking (R.) 15-01-008 to Adopt Rules and Procedures Governing Commission Regulated Natural Gas Pipelines and Facilities to Reduce Natural Gas Leaks Consistent with Senate Bill 1371, Leno.
In Response to Data Request, R15-01-008 2024 June Report
Appendix 5; Rev. 03/29/2024

Notes:

The data collected on this sheet is for informational purposes and may not be included in the emissions inventory for 2023. The worksheet is designed to track actual emissions for future reference and to determine if an actual leak based emission accounting is feasible for M&R stations.

If you record data using this table and you only leak survey part of your system, you must extrapolate emissions from leaks up to account for emissions from your entire system for the year.

Use a formula-derived value with the formula used in the Annual Emissions column. Do not use a copy and paste-as-value.

At the end of Annual Emissions Column, add a summation total in a cell for a column total, and then highlight orange

The emissions captured on this tab represent the emissions associated with the operational design and function of the component. Any intentional release of natural gas for safety or maintenance purposes should be included on the Blowdowns worksheet.

Distribution M&R Station Component Vented Emissions:

ID (Number of Devices)	Geographic Location	Station Classification	Device Type	Bleed Rate	Manufacturer	Number of Days Emitting	Engineering or Manufacturer's based Estimate of Emissions	Annual Emissions (Mscf)	Explanatory Notes / Comments
5	SoCalGas Territory	A3	P	I	Becker VRP	365	0.0576	105	
4	SoCalGas Territory	B2	P	I	Becker VRP	365	0.0576	84	
7	SoCalGas Territory	B3	P	I	Becker VRP	365	0.0576	147	
Sum Total								336	

SoCalGas, July 1st, 2024
Rulemaking (R) 15-01-008 to Adopt Rules and Procedures Governing Commission Regulated Natural Gas Pipelines and Facilities to Reduce Natural Gas Leaks Consistent with Senate Bill 1371, Leno.
In Response to Data Request, R15-01-008 2024 June Report
Appendix 5, Rev. 03/29/2024

Note:
 The data collected on this sheet is for informational purposes and will not be included in the emissions inventory for 2023. The worksheet is designed to track actual leaks for future reference and to determine if an actual leak based emission accounting is feasible for M&R stations.
 If you recast data using this table and you only leak survey part of your system, you must extrapolate emissions from leaks up to account for emissions from your entire system for the year.
 Use a formula-derived value with the formula used in the Annual Emissions column. Do not use a copy and paste value.
 At the end of Annual Emissions Column, add a summation total in a cell for a column total, and then highlight orange.
 The emissions captured on this tab represent the emissions associated with unintentional leaks that if repaired would not leaking. If the component is releasing gas or "bleeding" as a result of its design or function then it is not to be captured in this tab.

Distribution M&R Station Component Fugitive Leaks:

ID	Geographic Location	Station Classification	Device Type	Bleed Rate	Manufacturer	Pressure (psi)	Discovery Date (MM/DD/YYYY)	Repair Date (MM/DD/YYYY)	Number of Days Leaking	Emission Factor (Mscf/Day)	Annual Emissions (Mscf)	Explanatory Notes / Comments
100024159723 92373		A3	C	Greater than 60		Greater than 60	12/9/2023	12/9/2023	343	0.043	14.75	Farm Tap Leak
10002296524 93292		A2	C	Greater than 60		Greater than 60	1/4/2023	1/4/2023	4	0.043	0.17	Farm Tap Leak
10002311431 93225		A2	C	Greater than 60		Greater than 60	4/24/2023	4/24/2023	114	0.043	4.90	Farm Tap Leak
100023954381 90274		B2	C	Greater than 60		Greater than 60	7/24/2023	7/24/2023	205	0.043	8.82	M&R Leak
10002329122 93242		A1	C	Greater than 60		Greater than 60	6/27/2023	6/27/2023	178	0.043	7.65	Farm Tap Leak
100022925516 92595		B3	C	Greater than 60		Greater than 60	1/4/2023	1/4/2023	4	0.043	0.17	M&R Leak
100023621499 93427		A2	C	Greater than 60		Greater than 60	5/18/2023	5/18/2023	138	0.043	5.93	Farm Tap Leak
100023799922 92262		B3	C	Greater than 60	Mooney	Greater than 60	5/9/2023	5/9/2023	129	0.02	2.56	M&R Leak
100024126419 90740		B3	C	Greater than 60		Greater than 60	8/9/2023	8/9/2023	221	0.043	9.50	M&R Leak
100023620139 92262		B3	C	Greater than 60		Greater than 60	5/2/2023	5/2/2023	122	0.043	5.25	M&R Leak
100023778895 92284		B3	C	Greater than 60		Greater than 60	8/4/2023	8/4/2023	216	0.043	9.29	M&R Leak
100024042578 93543		A2	C	Greater than 60		Greater than 60	12/2/2023	12/2/2023	336	0.043	14.45	Farm Tap Leak
10002310774 90012		B1	C	Less than or equal to 60		Less than or equal to 60	3/29/2023	3/29/2023	88	0.043	3.78	M&R Leak
100024097171 90210		A2	R	Greater than 60	BelGas	Greater than 60	12/9/2023	12/9/2023	343	0.02	6.86	Farm Tap Leak
100023483794 93404		A2	C	Greater than 60		Greater than 60	3/27/2023	3/27/2023	86	0.043	3.70	Farm Tap Leak
100023489941 90265		A2	C	Greater than 60		Greater than 60	10/24/2023	10/24/2023	297	0.043	12.77	Farm Tap Leak
100023435982 93371		A2	O	Greater than 60		Greater than 60	4/12/2023	4/12/2023	102	0.043	4.39	M&R Leak
100023079129 92389		B2	R	Greater than 60	Fisher	Greater than 60	2/14/2023	2/14/2023	45	0.02	0.90	M&R Leak
100024126922 91384		B3	C	Greater than 60		Greater than 60	8/22/2023	8/22/2023	234	0.043	10.06	M&R Leak
100023779074 91342		B2	C	Greater than 60		Greater than 60	8/14/2023	8/14/2023	226	0.043	9.72	M&R Leak
100023459981 91770		B1	BV	Less than or equal to 60	Rockwell (Std.)	Less than or equal to 60	4/19/2023	4/19/2023	109	0.014	1.53	M&R Leak
100022926981 91388		B2	C	Greater than 60		Greater than 60	1/7/2023	1/7/2023	3	0.043	0.13	M&R Leak
100023778539 91789		B2	C	Greater than 60		Greater than 60	6/1/2023	6/1/2023	152	0.043	6.54	M&R Leak
100024249055 92627		A2	C	Greater than 60		Greater than 60	7/26/2023	7/26/2023	207	0.043	8.90	Farm Tap Leak
100023460716 92362		B3	BV	Greater than 60	Kerestest	Greater than 60	5/8/2023	5/8/2023	128	0.043	5.19	M&R Leak
100023778880 92503		A3	C	Greater than 60		Greater than 60	6/10/2023	6/10/2023	161	0.043	6.92	M&R Leak
100024906028 90069		A1	C	Greater than 60		Greater than 60	11/29/2023	11/29/2023	333	0.043	14.32	Farm Tap Leak
100024255812 90293		A3	R	Greater than 60	Mooney	Greater than 60	9/13/2023	9/13/2023	236	0.02	5.12	M&R Leak
100024252463 90022		B2	C	Greater than 60		Greater than 60	1/13/2023	1/13/2023	13	0.043	0.56	M&R Leak
100023243877 93280		B1	C	Greater than 60		Greater than 60	1/24/2023	1/24/2023	24	0.043	1.03	Farm Tap Leak
100023779540 92532		B3	C	Greater than 60		Greater than 60	6/12/2023	6/12/2023	163	0.043	7.01	M&R Leak
100024095532 90640		A2	C	Greater than 60		Greater than 60	11/27/2023	11/27/2023	331	0.043	14.22	M&R Leak
100025060945 93274		A3	C	Greater than 60		Greater than 60	12/1/2023	12/1/2023	355	0.043	15.27	Farm Tap Leak
100023950031 92888		A2	O	Greater than 60		Greater than 60	5/3/2023	5/3/2023	123	0.043	5.29	M&R Leak
100024455594 90069		A2	C	Greater than 60		Greater than 60	12/8/2023	12/8/2023	342	0.043	14.71	Farm Tap Leak
100025243185 92236		B3	BV	SG/SDG General	Greater than 60	Greater than 60	12/9/2023	12/9/2023	363	0.014	5.08	M&R Leak
10002455448 93063		A2	C	Greater than 60		Greater than 60	10/12/2023	10/12/2023	285	0.043	12.26	Farm Tap Leak
100023463409 92260		B3	C	Greater than 60		Greater than 60	4/17/2023	4/17/2023	107	0.043	4.60	M&R Leak
100024799979 93427		A3	C	Greater than 60		Greater than 60	11/13/2023	11/13/2023	317	0.043	13.63	Farm Tap Leak
100023112173 92211		B3	C	Greater than 60		Greater than 60	2/14/2023	2/14/2023	45	0.043	1.94	M&R Leak
100024455440 90255		B3	C	Greater than 60		Greater than 60	10/5/2023	10/5/2023	278	0.043	11.95	M&R Leak
100023463103 91405		B3	C	Greater than 60		Greater than 60	5/15/2023	5/15/2023	135	0.043	5.80	M&R Leak
100023251570 91776		B3	R	Greater than 60	Fisher	Greater than 60	4/14/2023	4/14/2023	104	0.02	2.08	M&R Leak
100022925558 92260		A3	C	Greater than 60		Greater than 60	4/5/2023	4/5/2023	95	0.043	4.09	M&R Leak
100024091718 92805		A2	C	Greater than 60		Greater than 60	12/12/2023	12/12/2023	355	0.043	15.27	Farm Tap Leak
100023776441 90301		B1	BV	Less than or equal to 60	Kerestest	Less than or equal to 60	6/10/2023	6/10/2023	161	0.014	2.25	M&R Leak
100023673884 90810		A2	C	Greater than 60		Greater than 60	4/12/2023	4/12/2023	102	0.043	4.39	Farm Tap Leak
10002362142 91770		B3	BV	Less than or equal to 60		Less than or equal to 60	4/19/2023	4/19/2023	109	0.043	4.69	M&R Leak
100023486113 93446		B2	R	Greater than 60	Fisher	Greater than 60	8/25/2023	8/25/2023	237	0.02	4.74	M&R Leak
100023112345 93536		A2	C	Greater than 60		Greater than 60	2/10/2023	2/10/2023	41	0.043	1.76	Farm Tap Leak
100023613559 91791		B2	C	Greater than 60		Greater than 60	3/11/2023	3/11/2023	90	0.043	3.87	Farm Tap Leak
100023620909 92277		B3	C	Greater than 60		Greater than 60	7/11/2023	7/11/2023	192	0.043	8.29	M&R Leak
100024280659 93307		B3	C	Greater than 60		Greater than 60	10/2/2023	10/2/2023	275	0.043	11.83	M&R Leak
100023968841 90094		B3	C	Greater than 60		Greater than 60	6/3/2023	6/3/2023	154	0.043	6.62	M&R Leak
100023379113 93313		B3	C	Greater than 60		Greater than 60	3/7/2023	3/7/2023	66	0.043	2.84	M&R Leak
10002415699 93449		B2	R	American/Relano	Greater than 60	Greater than 60	11/27/2023	11/27/2023	331	0.02	6.62	M&R Leak
100022926667 93021		B2	C	Greater than 60		Greater than 60	1/23/2023	1/23/2023	23	0.043	0.99	M&R Leak
100024037862 93446		B2	C	Greater than 60		Greater than 60	12/1/2023	12/1/2023	335	0.043	14.41	Farm Tap Leak
100022925554 92330		B3	C	Greater than 60		Greater than 60	2/3/2023	2/3/2023	34	0.043	1.46	M&R Leak
100024897900 93535		A3	C	Greater than 60		Greater than 60	11/27/2023	11/27/2023	331	0.043	14.23	M&R Leak
100024126901 93268		A3	C	Greater than 60		Greater than 60	8/8/2023	8/8/2023	220	0.043	9.46	M&R Leak
10002426213 91770		A3	C	Greater than 60		Greater than 60	4/28/2023	4/28/2023	118	0.043	5.07	M&R Leak
100023800591 92262		B3	C	Greater than 60		Greater than 60	5/9/2023	5/9/2023	129	0.043	5.55	M&R Leak
100024509669 93543		A2	C	Greater than 60		Greater than 60	9/14/2023	9/14/2023	257	0.043	11.05	Farm Tap Leak
100022926636 93201		A2	C	Greater than 60		Greater than 60	1/19/2023	1/19/2023	19	0.043	0.82	M&R Leak
100024168429 93010		A2	C	Greater than 60		Greater than 60	7/19/2023	7/19/2023	200	0.043	8.60	Farm Tap Leak
100024280127 92562		B3	C	Greater than 60		Greater than 60	9/6/2023	9/6/2023	249	0.043	10.71	M&R Leak
100023621087 93066		B3	C	Greater than 60		Greater than 60	5/8/2023	5/8/2023	128	0.043	5.50	Farm Tap Leak
100023055556 92404		A2	C	Greater than 60		Greater than 60	1/30/2023	1/30/2023	30	0.043	1.30	Farm Tap Leak
100023779537 92404		A2	C	Greater than 60		Greater than 60	7/25/2023	7/25/2023	206	0.043	8.86	Farm Tap Leak
100023849211 93551		B2	C	Greater than 60		Greater than 60	5/16/2023	5/16/2023	136	0.043	5.85	Farm Tap Leak
100023276881 93307		B3	C	Greater than 60		Greater than 60	3/21/2023	3/21/2023	80	0.043	3.44	M&R Leak
100023215106 92878		B3	BV	Greater than 60	Rockwell (Std.)	Greater than 60	1/30/2023	1/30/2023	30	0.014	0.42	M&R Leak
100023276702 93307		A2	C	Greater than 60		Greater than 60	1/30/2023	1/30/2023	30	0.043	1.29	Farm Tap Leak
100022926668 93021		B2	C	Greater than 60		Greater than 60	1/20/2023	1/20/2023	20	0.043	0.86	M&R Leak
10002463905 93662		A3	C	Greater than 60		Greater than 60	11/27/2023	11/27/2023	331	0.043	14.23	Farm Tap Leak
100023779231 91343		B2	C	Greater than 60		Greater than 60	7/11/2023	7/11/2023	192	0.043	8.26	M&R Leak
100024535163 90792		A2	R	Greater than 60	Fisher	Greater than 60	9/19/2023	9/19/2023	262	0.02	5.24	M&R Leak
100024717957 92324		A2	O	Greater than 60		Greater than 60	12/4/2023	12/4/2023	338	0.043	14.53	M&R Leak
10002310893 92258		A3	C	Greater than 60		Greater than 60	3/16/2023	3/16/2023	75	0.043	3.23	M&R Leak
100024280238 93291		B2	C	Greater than 60		Greater than 60	9/18/2023	9/18/2023	261	0.043	11.22	M&R Leak
100023991332 93442		B2	C	Greater than 60		Greater than 60	6/13/2023	6/13/2023	164	0.043	7.00	M&R Leak
100023463378 93453		B2	C	Greater than 60		Greater than 60	4/26/2023	4/26/2023	116	0.043	4.99	Farm Tap Leak
100021148317 92860		A3	C	Greater than 60		Greater than 60	2/7/2023	2/7/2023	38	0.043	1.63	Farm Tap Leak
100022927258 93225		A3	C	Greater than 60		Greater than 60	1/4/2023	1/4/2023	4	0.043	0.17	Farm Tap Leak
100024712195 93225		B2	R	Greater than 60	Mooney	Greater than 60	12/13/2023	12/13/2023	347	0.02	6.94	M&R Leak
10004047662 90221		A2	O	Greater than 60		Greater than 60	6/20/2023	6/20/2023	171	0.043	7.35	M&R Leak
100024790139 90821		A3	BV	Greater than 60		Greater than 60	11/17/2023	11/17/2023	321	0.043	13.80	Farm Tap Leak
100024719021 93314		B3	BV	Greater than 60	Cooper/Cameron	Greater than 60	9/8/2023	9/8/2023	251	0.014	3.51	M&R Leak
100023953972 92585		B3	C	Greater than 60								

100024716075	92343	A3	C	Greater than 60	10/16/2023	10/16/2023	299	0.043	12.86 M&R Leak
10002490980	93631	A3	C	Greater than 60	11/30/2023	11/30/2023	334	0.043	14.36 Farm Tap Leak
10002495657	92266	B3	BV	Greater than 60	11/12/2023	11/12/2023	396	0.014	4.28 M&R Leak
100023621017	93422	B2	C	Greater than 60	5/16/2023	5/16/2023	146	0.043	6.28 M&R Leak
100021148444	93225	A2	C	Greater than 60	12/27/2023	12/27/2023	361	0.043	15.52 Farm Tap Leak
100023799892	92334	B3	R	Greater than 60	5/10/2023	5/10/2023	130	0.012	2.60 M&R Leak
100023460742	92234	B3	BV	Greater than 60	4/24/2023	4/24/2023	114	0.014	1.60 M&R Leak
100021148162	90210	B2	C	Greater than 60	12/1/2023	12/1/2023	335	0.043	14.41 Farm Tap Leak
100023112808	92860	A3	C	Greater than 60	2/15/2023	2/15/2023	46	0.043	1.98 M&R Leak
100023111109	91311	B2	BV	Greater than 60	2/13/2023	2/13/2023	44	0.014	0.62 M&R Leak
100023402026	93221	A2	C	Greater than 60	11/28/2023	11/28/2023	332	0.043	14.28 Farm Tap Leak
100023953621	92869	B2	C	Greater than 60	8/25/2023	8/25/2023	237	0.043	10.10 M&R Leak
100023205678	93225	B2	C	Greater than 60	1/23/2023	1/23/2023	33	0.043	0.90 Farm Tap Leak
100023754697	92530	B2	C	Greater than 60	6/1/2023	6/1/2023	152	0.043	6.54 M&R Leak
100023648489	90066	B3	BV	Greater than 60	7/31/2023	7/31/2023	212	0.014	2.97 M&R Leak
100024729254	92021	A3	C	Greater than 60	11/16/2023	11/16/2023	310	0.043	13.53 Farm Tap Leak
100023515487	93311	A3	C	Greater than 60	9/29/2023	9/29/2023	272	0.043	11.70 M&R Leak
100024655334	93420	A2	BV	Greater than 60	10/13/2023	10/13/2023	286	0.014	4.00 M&R Leak
100023497718	92941	A3	C	Greater than 60	3/8/2023	3/8/2023	67	0.043	2.88 Farm Tap Leak
10002378882	93681	B3	C	Greater than 60	6/16/2023	6/16/2023	167	0.043	7.38 M&R Leak
100023621386	92262	B3	C	Greater than 60	5/2/2023	5/2/2023	122	0.043	5.25 M&R Leak
100021148184	93257	A2	C	Greater than 60	11/28/2023	11/28/2023	332	0.043	14.28 Farm Tap Leak
10002324722	92523	B3	R	Greater than 60	1/20/2023	1/20/2023	30	0.02	0.40 M&R Leak
100024258448	92262	B3	BV	Greater than 60	7/27/2023	7/27/2023	208	0.014	2.91 M&R Leak
100023456724	93308	B2	C	Greater than 60	3/1/2023	3/1/2023	60	0.043	2.58 M&R Leak
100023890563	92201	B3	R	Greater than 60	1/7/2023	1/7/2023	17	0.02	0.36 M&R Leak
100024252334	92203	A2	O	Greater than 60	9/6/2023	9/6/2023	249	0.043	10.71 M&R Leak
100023633911	93274	B2	C	Greater than 60	6/14/2023	6/14/2023	165	0.043	7.10 Farm Tap Leak
100023954693	90039	B3	C	Greater than 60	8/2/2023	8/2/2023	214	0.043	9.20 M&R Leak
100022912035	92408	B2	BV	Greater than 60	14/9/2023	14/9/2023	9	0.014	0.13 M&R Leak
100024158020	93212	B2	C	Greater than 60	8/30/2023	8/30/2023	242	0.043	10.41 M&R Leak
100024280341	93631	A3	C	Greater than 60	9/28/2023	9/28/2023	271	0.043	11.65 Farm Tap Leak
100023828567	91701	B3	C	Greater than 60	5/10/2023	5/10/2023	130	0.043	5.50 M&R Leak
100023126430	93256	B3	C	Greater than 60	1/4/2023	1/4/2023	4	0.043	0.17 Farm Tap Leak
100024108191	92590	B3	C	Greater than 60	11/15/2023	11/15/2023	319	0.043	13.72 Farm Tap Leak
100024510938	93561	B3	C	Greater than 60	10/10/2023	10/10/2023	283	0.043	12.17 Farm Tap Leak
100024280261	93250	B3	C	Greater than 60	12/6/2023	12/6/2023	320	0.043	14.62 M&R Leak
100024127362	93263	B2	C	Greater than 60	8/10/2023	8/10/2023	242	0.043	9.55 Farm Tap Leak
10002386272	93535	B3	BV	Greater than 60	5/22/2023	5/22/2023	142	0.043	5.89 M&R Leak
100023112636	92260	B2	C	Greater than 60	2/1/2023	2/1/2023	32	0.043	1.38 M&R Leak
100024149686	91411	B2	C	Greater than 60	7/11/2023	7/11/2023	192	0.043	8.26 M&R Leak
100022925299	90270	B1	C	Less than or equal to 60	1/18/2023	1/18/2023	18	0.043	0.77 M&R Leak
100024298544	93230	A2	C	Greater than 60	8/4/2023	8/4/2023	216	0.043	9.61 M&R Leak
100022320344	93274	A3	C	Greater than 60	2/24/2023	2/24/2023	55	0.043	2.37 Farm Tap Leak
100024186697	92582	B3	BV	Greater than 60	7/18/2023	7/18/2023	199	0.014	2.79 Farm Tap Leak
100024259835	92240	B2	C	Greater than 60	11/27/2023	11/27/2023	306	0.043	13.15 Farm Tap Leak
100023311091	91011	B2	C	Greater than 60	4/12/2023	4/12/2023	102	0.043	4.39 M&R Leak
100024260608	90016	B2	C	Greater than 60	7/27/2023	7/27/2023	208	0.043	8.94 M&R Leak
100024727862	90250	B2	C	Greater than 60	10/27/2023	10/27/2023	300	0.043	12.50 Farm Tap Leak
100020236821	92392	A2	C	Greater than 60	2/1/2023	2/1/2023	32	0.043	1.38 Farm Tap Leak
100023185040	92507	A2	C	Greater than 60	2/9/2023	2/9/2023	40	0.043	1.72 Farm Tap Leak
100022925556	92241	A3	C	Greater than 60	3/16/2023	3/16/2023	75	0.043	3.23 M&R Leak
10002350823	92972	B2	C	Greater than 60	3/9/2023	3/9/2023	68	0.043	3.20 Farm Tap Leak
100023621016	93422	B2	C	Greater than 60	7/14/2023	7/14/2023	195	0.043	8.39 M&R Leak
100024049739	90720	B2	C	Greater than 60	6/20/2023	6/20/2023	171	0.043	7.35 M&R Leak
100023108989	93117	B2	C	Greater than 60	2/22/2023	2/22/2023	53	0.043	2.28 M&R Leak
100022893301	92869	A2	O	Greater than 60	1/24/2023	1/24/2023	24	0.043	1.03 M&R Leak
100023129269	93274	B2	C	Greater than 60	1/20/2023	1/20/2023	20	0.043	0.86 M&R Leak
100024114797	90040	B2	C	Greater than 60	10/17/2023	10/17/2023	290	0.043	12.47 Farm Tap Leak
100022926061	93276	A1	C	Greater than 60	1/10/2023	1/10/2023	3	0.043	0.18 M&R Leak
100024365329	93001	B2	C	Greater than 60	9/14/2023	9/14/2023	257	0.043	11.05 Farm Tap Leak
100023754683	91761	A2	O	Greater than 60	6/7/2023	6/7/2023	158	0.043	6.79 M&R Leak
100024245620	93206	A3	R	Greater than 60	4/4/2023	4/4/2023	94	0.012	1.89 M&R Leak
100023800111	92262	B3	R	Greater than 60	5/9/2023	5/9/2023	129	0.043	5.28 M&R Leak
100023312286	93234	B2	C	Greater than 60	3/3/2023	3/3/2023	62	0.043	2.67 M&R Leak
100024299863	93618	A2	C	Greater than 60	11/30/2023	11/30/2023	334	0.043	14.36 Farm Tap Leak
100024455216	93618	A2	C	Greater than 60	11/6/2023	11/6/2023	310	0.043	13.33 Farm Tap Leak
100024745997	92252	B3	C	Greater than 60	12/28/2023	12/28/2023	362	0.043	15.57 Farm Tap Leak
100023310779	90021	B3	C	Greater than 60	3/10/2023	3/10/2023	69	0.043	2.97 M&R Leak
100024429354	91367	B2	C	Greater than 60	10/27/2023	10/27/2023	300	0.043	12.50 Farm Tap Leak
100024380346	92223	A3	C	Greater than 60	8/22/2023	8/22/2023	234	0.043	10.06 M&R Leak
100023110899	92240	B2	C	Greater than 60	3/1/2023	3/1/2023	62	0.043	2.67 M&R Leak
100024509182	93543	B3	BV	Greater than 60	9/14/2023	9/14/2023	257	0.043	11.60 Farm Tap Leak
100024498422	93427	B2	C	Greater than 60	9/12/2023	9/12/2023	255	0.043	10.97 Farm Tap Leak
10002482327	92888	B3	R	Greater than 60	11/22/2023	11/22/2023	326	0.02	6.52 M&R Leak
100024217850	90265	B3	BV	Greater than 60	9/29/2023	9/29/2023	272	0.014	3.81 M&R Leak
10002341863	93206	A3	BV	Greater than 60	4/4/2023	4/4/2023	94	0.014	1.32 M&R Leak
100024745998	92277	B3	C	Greater than 60	12/11/2023	12/11/2023	345	0.043	14.84 Farm Tap Leak
100023479977	92527	B3	C	Greater than 60	11/29/2023	11/29/2023	333	0.043	14.32 Farm Tap Leak
10002379738	92324	B3	R	Greater than 60	5/10/2023	5/10/2023	130	0.043	2.60 M&R Leak
100024675441	93270	B2	C	Greater than 60	11/29/2023	11/29/2023	333	0.02	6.66 Farm Tap Leak
100023216825	93250	B2	C	Greater than 60	1/30/2023	1/30/2023	30	0.043	1.29 M&R Leak
100025089899	93274	B2	C	Greater than 60	12/20/2023	12/20/2023	340	0.043	15.40 Farm Tap Leak
100023754810	92646	A2	O	Greater than 60	6/7/2023	6/7/2023	158	0.043	6.79 M&R Leak
100024653484	93420	A2	C	Greater than 60	10/13/2023	10/13/2023	286	0.043	12.30 M&R Leak
10002321154	93240	B3	C	Greater than 60	5/26/2023	5/26/2023	146	0.043	6.28 Farm Tap Leak
100024603527	93063	A3	C	Greater than 60	10/2/2023	10/2/2023	275	0.043	11.83 M&R Leak
100024498944	90040	B3	C	Greater than 60	9/12/2023	9/12/2023	255	0.043	10.97 M&R Leak
100023976444	90068	B3	C	Greater than 60	6/6/2023	6/6/2023	157	0.043	6.75 M&R Leak
100023112931	93298	B3	C	Greater than 60	1/7/2023	1/7/2023	98	0.043	4.63 M&R Leak
100022924596	92867	B3	C	Greater than 60	1/4/2023	1/4/2023	4	0.043	0.17 M&R Leak
10002312961	93536	B2	C	Greater than 60	3/17/2023	3/17/2023	76	0.043	3.27 Farm Tap Leak
100023445025	93257	B2	C	Greater than 60	11/28/2023	11/28/2023	332	0.043	14.28 Farm Tap Leak
100024845209	92410	B2	R	Greater than 60	11/20/2023	11/20/2023	324	0.02	6.48 M&R Leak
10002445121	93420	B2	C	Greater than 60	10/23/2023	10/23/2023	296	0.043	12.73 M&R Leak
100024029882	91223	B2	BV	Greater than 60	11/17/2023	11/17/2023	321	0.014	4.49 M&R Leak
100023311289	91367	B1	C	Greater than 60	3/2/2023	3/2/2023	61	0.043	2.62 M&R Leak
100023785454	93234	A2	BV	Greater than 60	5/1/2023	5/1/2023	121	0.014	1.69 Farm Tap Leak
100024126885	92277	B3	C	Greater than 60	8/15/2023	8/15/2023	227	0.043	9.76 M&R Leak
100023236376	91761	A2	C	Greater than 60	2/27/2023	2/27/2023	58	0.043	2.49 M&R Leak
10002463907	93706	B3	C	Greater than 60	11/28/2023	11/28/2023	332	0.043	14.28 Farm Tap Leak
100023455215	93706	B3	C	Greater than 60	12/16/2023	12/16/2023	350	0.043	15.05 Farm Tap Leak
100023112982	90270	B3	R	Greater than 60	2/22/2023	2/22/2023	53	0.043	2.28 M&R Leak
100024829071	92807	B3	R	Greater than 60	11/17/2023	11/17/2023	321	0.02	6.42 M&R Leak
100024979433	92584	B3	C	Greater than 60	12/19/2023	12/19/2023	353	0.043	15.38 M&R Leak
100024230518	91710	B3	C	Greater than 60	9/13/2023	9/13/2023	156	0.043	11.01 Farm Tap Leak
100023953849	90069	B3	C	Greater than 60	7/17/2023	7/17/2023	198	0.043	8.51 M&R Leak
100024280267	93307	B3	C	Greater than 60	11/29/2023	11/29/2023	333	0.043	14.32 M&R Leak
10002347977	93066	B3	C	Greater than 60	2/23/2023	2/23/2023	54	0.043	2.32 M&R Leak
100023112888	93510	B2	C	Greater than 60	7/24/2023	7/24/2023	205	0.043	

100023621064	91505	B2	C	Greater than 60	6/5/2023	6/5/2023	156	0.043	6.71 M&R Leak
100024895161	93230	A3	C	Greater than 60	11/27/2023	11/27/2023	331	0.043	14.23 Farm Tap Leak
100024825770	93272	B2	C	Greater than 60	9/19/2023	9/19/2023	262	0.043	11.27 M&R Leak
100024962263	91766	A2	C	Greater than 60	12/8/2023	12/8/2023	342	0.043	14.71 Farm Tap Leak
10002226850	93001	B3	C	Greater than 60	2/13/2023	2/13/2023	44	0.043	1.89 M&R Leak
100023415101	93274	A3	R	Greater than 60	2/24/2023	2/24/2023	55	0.02	1.10 Farm Tap Leak
100024961389	92373	A2	C	Greater than 60	12/7/2023	12/7/2023	341	0.043	14.66 Farm Tap Leak
100024455020	92544	B3	C	Greater than 60	10/6/2023	10/6/2023	279	0.043	12.00 M&R Leak
10024511049	93275	B3	BV	Greater than 60	11/17/2023	11/17/2023	321	0.014	4.49 Farm Tap Leak
100023242486	90043	B2	C	Greater than 60	5/17/2023	5/17/2023	137	0.043	5.89 M&R Leak
100024746097	93267	B3	C	Greater than 60	12/18/2023	12/18/2023	352	0.043	15.14 Farm Tap Leak
100024126672	90077	B2	C	Greater than 60	8/28/2023	8/28/2023	240	0.043	10.32 M&R Leak
100023110897	92541	B3	C	Greater than 60	3/16/2023	3/16/2023	65	0.043	2.80 M&R Leak
100023779506	92570	B3	C	Greater than 60	6/12/2023	6/12/2023	163	0.043	7.01 M&R Leak
10002480286	91381	B3	C	Greater than 60	9/28/2023	9/28/2023	271	0.043	11.65 M&R Leak
10002377786	93021	B3	C	Greater than 60	5/27/2023	5/27/2023	122	0.043	5.25 M&R Leak
100024746045	93254	A3	C	Greater than 60	12/4/2023	12/4/2023	338	0.043	14.53 M&R Leak
10002422962	92555	A3	C	Greater than 60	2/27/2023	2/27/2023	58	0.043	2.49 Farm Tap Leak
100023779813	90250	B2	C	Greater than 60	6/12/2023	6/12/2023	163	0.043	7.01 M&R Leak
100023781	92543	B3	C	Greater than 60	3/27/2023	3/27/2023	61	0.043	2.62 M&R Leak
100022247541	90210	A2	C	Greater than 60	5/15/2023	5/15/2023	135	0.043	5.81 Farm Tap Leak
100023463072	93065	B2	C	Greater than 60	5/30/2023	5/30/2023	150	0.043	6.45 M&R Leak
100023587627	93422	B2	R	Greater than 60	7/14/2023	7/14/2023	195	0.02	3.90 M&R Leak
100023778821	90245	B2	C	Greater than 60	6/14/2023	6/14/2023	155	0.043	7.10 M&R Leak
10002457384	93060	B2	C	Greater than 60	8/24/2023	8/24/2023	236	0.043	10.15 Farm Tap Leak
100023752889	90405	B2	R	Greater than 60	6/12/2023	6/12/2023	163	0.02	3.26 M&R Leak
100024280433	91411	A2	C	Greater than 60	10/24/2023	10/24/2023	297	0.043	12.77 M&R Leak
100024455033	92201	B2	C	Greater than 60	10/4/2023	10/4/2023	297	0.043	12.77 M&R Leak
100023778811	90027	B3	C	Greater than 60	7/7/2023	7/7/2023	184	0.043	7.91 M&R Leak
100024455155	93125	B3	C	Greater than 60	10/13/2023	10/13/2023	286	0.043	12.30 M&R Leak
100023479100	93662	B3	C	Greater than 60	10/2/2023	10/2/2023	275	0.043	11.83 Farm Tap Leak
100024716357	92504	B3	C	Greater than 60	12/16/2023	12/16/2023	350	0.043	15.05 Farm Tap Leak
100023510776	90013	B3	C	Greater than 60	3/13/2023	3/13/2023	72	0.043	3.10 M&R Leak
10002358928	92860	A2	O	Greater than 60	5/19/2023	5/19/2023	139	0.043	5.98 M&R Leak
10002307610	90270	B2	R	Grove	2/22/2023	2/22/2023	53	0.02	1.06 M&R Leak
10002304863	91780	B2	BV	Rockwell (Std.)	6/14/2023	6/14/2023	164	0.014	2.31 M&R Leak
100024833454	92867	B3	BV	Rockwell (Std.)	11/17/2023	11/17/2023	321	0.014	4.49 M&R Leak
10002484550	90065	B3	C	Greater than 60	9/8/2023	9/8/2023	251	0.043	10.79 M&R Leak
10002321047	92635	B3	C	Greater than 60	5/9/2023	5/9/2023	129	0.043	5.55 M&R Leak
100023779242	93551	A2	C	Greater than 60	6/5/2023	6/5/2023	156	0.043	6.71 M&R Leak
1000232947011	93277	A2	C	Greater than 60	10/23/2023	10/23/2023	296	0.043	12.73 Farm Tap Leak
10002343648	92595	B3	R	Grove	4/13/2023	4/13/2023	102	0.02	2.04 M&R Leak
100024598342	93446	A2	C	Greater than 60	11/9/2023	11/9/2023	313	0.043	13.40 Farm Tap Leak
100023806224	93219	A3	C	Greater than 60	11/28/2023	11/28/2023	332	0.043	14.28 Farm Tap Leak
100024733347	92411	A2	C	Greater than 60	10/30/2023	10/30/2023	303	0.043	13.03 Farm Tap Leak
10002470948	91786	B2	BV	Rockwell (Std.)	10/24/2023	10/24/2023	297	0.043	12.77 M&R Leak
100023492731	93662	B3	C	Greater than 60	3/8/2023	3/8/2023	67	0.043	2.88 M&R Leak
100023962059	93725	A3	C	Greater than 60	11/28/2023	11/28/2023	332	0.043	14.28 Farm Tap Leak
10002312523	93530	B3	C	Greater than 60	3/16/2023	3/16/2023	65	0.043	2.80 M&R Leak
100024280063	90265	B3	C	Greater than 60	9/29/2023	9/29/2023	272	0.043	11.70 M&R Leak
100023279346	93221	B2	C	Greater than 60	1/26/2023	1/26/2023	26	0.043	1.12 Farm Tap Leak
100023462713	92239	B3	C	Greater than 60	4/19/2023	4/19/2023	109	0.043	4.69 M&R Leak
100023158088	92526	B3	C	Greater than 60	1/13/2023	1/13/2023	13	0.043	0.56 M&R Leak
100023970772	92522	B3	C	Greater than 60	6/5/2023	6/5/2023	156	0.043	6.71 M&R Leak
100024779160	92922	B3	C	Greater than 60	11/14/2023	11/14/2023	318	0.043	13.67 Farm Tap Leak
10002331058	92273	B3	C	Greater than 60	3/24/2023	3/24/2023	83	0.043	3.57 Farm Tap Leak
100023112521	93510	B3	C	Greater than 60	3/16/2023	3/16/2023	65	0.043	2.80 M&R Leak
100023803601	93230	A3	C	Greater than 60	5/5/2023	5/5/2023	125	0.043	5.38 Farm Tap Leak
10002114781	93270	A3	C	Greater than 60	11/27/2023	11/27/2023	331	0.043	14.23 Farm Tap Leak
100023198489	90640	A2	C	Greater than 60	2/17/2023	2/17/2023	48	0.043	2.04 M&R Leak
10002388789	93225	A2	C	Greater than 60	4/28/2023	4/28/2023	118	0.043	5.07 Farm Tap Leak
100023621004	93001	A2	C	Greater than 60	5/3/2023	5/3/2023	123	0.043	5.29 Farm Tap Leak
10002374654	91790	A2	C	Greater than 60	6/7/2023	6/7/2023	158	0.043	6.79 M&R Leak
100023662650	93543	A2	C	Greater than 60	4/11/2023	4/11/2023	101	0.043	4.34 Farm Tap Leak
10002403092	90045	B3	BV	Rockwell (Std.)	6/10/2023	6/10/2023	161	0.014	2.25 M&R Leak
10002325247	90013	B3	C	Greater than 60	1/4/2023	1/4/2023	4	0.043	0.16 M&R Leak
100021147579	92373	A2	C	Greater than 60	6/29/2023	6/29/2023	138	0.043	7.74 Farm Tap Leak
100024270171	90265	A2	C	Greater than 60	7/31/2023	7/31/2023	212	0.043	9.12 Farm Tap Leak
100023192080	92982	A2	C	Greater than 60	2/4/2023	2/4/2023	25	0.043	1.51 Farm Tap Leak
100023184272	90220	A3	C	Greater than 60	2/16/2023	2/16/2023	47	0.043	2.02 M&R Leak
100024035940	92230	B3	C	Greater than 60	9/22/2023	9/22/2023	265	0.043	11.40 M&R Leak
100023529260	93307	B3	R	Mooney	3/16/2023	3/16/2023	75	0.02	1.50 M&R Leak
100024280688	90505	B3	C	Greater than 60	11/27/2023	11/27/2023	331	0.043	14.23 Farm Tap Leak
100023365370	93308	A2	C	Greater than 60	2/13/2023	2/13/2023	44	0.043	1.89 Farm Tap Leak
10002462832	93422	B2	C	Greater than 60	4/3/2023	4/3/2023	93	0.043	4.00 M&R Leak
100024135415	93507	B3	C	Greater than 60	7/16/2023	7/16/2023	187	0.043	8.20 M&R Leak
100023729563	93280	B2	C	Greater than 60	4/24/2023	4/24/2023	114	0.02	2.28 M&R Leak
100025003366	92879	B3	C	Greater than 60	12/18/2023	12/18/2023	352	0.043	15.14 M&R Leak
100023309639	93234	B2	BV	Kerotest	3/3/2023	3/3/2023	62	0.043	0.87 M&R Leak
10002311089	91040	B3	C	Greater than 60	4/12/2023	4/12/2023	102	0.043	4.89 M&R Leak
100024089223	91764	B3	R	Mooney	8/7/2023	8/7/2023	219	0.02	4.38 M&R Leak
10002312182	92120	B2	C	Greater than 60	2/9/2023	2/9/2023	40	0.043	1.72 M&R Leak
100024262753	92526	B3	C	Greater than 60	4/19/2023	4/19/2023	109	0.043	4.69 Farm Tap Leak
1000240487318	90019	B2	R	Fisher	8/7/2023	8/7/2023	214	0.02	4.28 M&R Leak
100024126675	90064	B2	C	Greater than 60	8/29/2023	8/29/2023	241	0.043	10.36 M&R Leak
10002393887	90249	B3	C	Greater than 60	12/18/2023	12/18/2023	352	0.043	15.14 Farm Tap Leak
100025090131	92882	A3	R	Mooney	12/16/2023	12/16/2023	360	0.02	7.20 M&R Leak
100024455097	93247	A2	C	Greater than 60	10/5/2023	10/5/2023	278	0.043	11.95 Farm Tap Leak
100024967561	90885	A2	O	Greater than 60	12/29/2023	12/29/2023	363	0.043	15.61 Farm Tap Leak
100024470194	91789	A2	O	Greater than 60	9/15/2023	9/15/2023	258	0.043	11.09 M&R Leak
100023806642	92234	A3	C	Greater than 60	5/8/2023	5/8/2023	128	0.043	5.50 M&R Leak
100024464716	90077	B3	C	Greater than 60	9/5/2023	9/5/2023	248	0.043	10.66 M&R Leak
100022806316	92523	B3	C	Mooney	1/13/2023	1/13/2023	13	0.02	0.26 M&R Leak
100022920730	90022	B1	BV	Rockwell (Std.)	1/13/2023	1/13/2023	13	0.014	0.18 M&R Leak
100023112786	93219	A3	C	Greater than 60	2/9/2023	2/9/2023	40	0.043	1.72 Farm Tap Leak
10002317288	93737	B3	C	Greater than 60	1/10/2023	1/10/2023	10	0.043	0.43 M&R Leak
100024455340	93065	B2	C	Greater than 60	10/2/2023	10/2/2023	275	0.043	11.83 M&R Leak
100024088843	90740	B3	R	Fisher	8/9/2023	8/9/2023	221	0.02	4.42 M&R Leak
100024157975	92881	B3	C	Greater than 60	7/11/2023	7/11/2023	152	0.043	6.26 M&R Leak
10002322346	92523	B3	C	Greater than 60	1/20/2023	1/20/2023	20	0.043	0.86 M&R Leak
10002376316	93245	B3	C	Greater than 60	4/27/2023	4/27/2023	117	0.043	5.03 Farm Tap Leak
100024546272	90265	A2	C	Greater than 60	10/20/2023	10/20/2023	293	0.043	12.60 Farm Tap Leak
100023274200	92021	B3	BV	Rockwell (Std.)	1/25/2023	1/25/2023	25	0.014	0.30 M&R Leak
100024126895	93268	A3	BV	Greater than 60	8/7/2023	8/7/2023	219	0.043	9.42 M&R Leak
10002312329	92524	A3	C	Greater than 60	2/9/2023	2/9/2023	40	0.043	1.72 M&R Leak
100023309639	93234	B3	C	Greater than 60	1/13/2023	1/13/2023	13	0.02	0.26 M&R Leak
100024094776	92584	B3	R	Mooney	7/24/2023	7/24/2023	205	0.043	8.82 M&R Leak
100024280688	92571	B3	C	Greater than 60	12/4/2023	12/4/2023	338	0.043	14.53 Farm Tap Leak
10002325582	92203	B3	C	Greater than 60	1/18/2023	1/18/2023	18	0.043	0.77 M&R Leak
100024745813	93065	A2	C	Greater than 60	11/13/2023	11/13/2023	317	0.043	13.63 Farm Tap Leak
10002320900	92591	B3	C	Greater than 60	5/5/20				

100024829663	93243	A2	C	Greater than 60	11/17/2023	11/17/2023	321	0.043	13.80	Farm Tap Leak
100023292110	93242	B1	C	Greater than 60	8/5/2023	8/5/2023	217	0.043	9.33	Farm Tap Leak
100023298007	93202	B2	BV	Greater than 60	1/28/2023	1/28/2023	28	0.014	1.28	M&R Leak
100023621487	93066	B3	C	Greater than 60	5/17/2023	5/17/2023	137	0.043	5.89	Farm Tap Leak
100023285170	93550	B3	C	Greater than 60	2/17/2023	2/17/2023	48	0.043	2.06	Farm Tap Leak
100023287540	90503	B2	R	Greater than 60	5/19/2023	5/19/2023	139	0.043	2.78	M&R Leak
100023620944	92284	B3	C	Greater than 60	5/4/2023	5/4/2023	124	0.043	5.33	Farm Tap Leak
100024942637	93543	B2	BV	Greater than 60	12/2/2023	12/2/2023	336	0.014	4.70	Farm Tap Leak
100024465217	92410	B2	C	Greater than 60	11/20/2023	11/20/2023	324	0.043	13.93	M&R Leak
100024715575	92278	A1	BV	Less than or equal to 60	10/25/2023	10/25/2023	298	0.014	4.17	M&R Leak
100023590007	93535	A2	O	Greater than 60	5/5/2023	5/5/2023	125	0.043	5.38	M&R Leak
100024746462	93618	B3	C	Greater than 60	11/28/2023	11/28/2023	132	0.043	14.28	Farm Tap Leak
100024742613	90046	A2	C	Greater than 60	11/17/2023	11/17/2023	111	0.043	13.37	Farm Tap Leak
100023112435	93292	B2	C	Greater than 60	2/9/2023	2/9/2023	40	0.043	1.72	Farm Tap Leak
100024746161	93420	A2	C	Greater than 60	12/2/2023	12/2/2023	335	0.043	14.41	Farm Tap Leak
100023110719	93313	A3	C	Greater than 60	3/6/2023	3/6/2023	65	0.043	2.80	M&R Leak
100024729253	92201	A3	C	Greater than 60	11/4/2023	11/4/2023	318	0.043	13.67	Farm Tap Leak
100023779063	93243	B2	C	Greater than 60	6/15/2023	6/15/2023	166	0.043	7.14	M&R Leak
100024740133	90210	A2	C	Greater than 60	11/22/2023	11/22/2023	326	0.043	14.02	Farm Tap Leak
10002351666	91789	B2	BV	Greater than 60	7/17/2023	7/17/2023	198	0.014	2.77	M&R Leak
100024672869	93309	A3	C	Greater than 60	10/18/2023	10/18/2023	291	0.043	12.51	Farm Tap Leak
100022742537	92256	B3	C	Greater than 60	1/4/2023	1/4/2023	4	0.043	0.17	Farm Tap Leak
10002445027	90501	A3	C	Greater than 60	10/9/2023	10/9/2023	282	0.043	12.31	M&R Leak
100024280058	90272	B2	C	Greater than 60	9/25/2023	9/25/2023	268	0.043	11.52	M&R Leak
100024280599	93314	A3	C	Greater than 60	9/8/2023	9/8/2023	251	0.043	10.79	M&R Leak
10002323835	92243	B3	C	Greater than 60	1/20/2023	1/20/2023	20	0.043	0.88	Farm Tap Leak
100023310871	92320	B2	C	Greater than 60	3/6/2023	3/6/2023	65	0.043	2.80	M&R Leak
100024833455	92867	B3	BV	Greater than 60	11/17/2023	11/17/2023	321	0.014	4.49	M&R Leak
100023848541	93535	B3	C	Greater than 60	5/22/2023	5/22/2023	142	0.043	6.11	M&R Leak
10002448002	92522	B3	C	Greater than 60	9/29/2023	9/29/2023	272	0.043	11.79	M&R Leak
100023252321	90604	B1	R	Greater than 60	3/22/2023	3/22/2023	81	0.02	1.62	M&R Leak
100023311287	91367	B2	C	Greater than 60	3/13/2023	3/13/2023	72	0.043	3.10	M&R Leak
100024522201	90365	A2	C	Greater than 60	9/18/2023	9/18/2023	243	0.043	13.22	Farm Tap Leak
100022890684	92201	B3	R	Greater than 60	1/5/2023	1/5/2023	5	0.02	0.10	M&R Leak
100023463347	93015	A2	C	Greater than 60	4/20/2023	4/20/2023	110	0.043	4.73	Farm Tap Leak
100024230465	93560	B3	C	Greater than 60	9/19/2023	9/19/2023	262	0.043	11.27	M&R Leak
100025002740	93257	A2	C	Greater than 60	12/18/2023	12/18/2023	352	0.043	15.14	Farm Tap Leak
100023462574	91750	B2	C	Greater than 60	4/5/2023	4/5/2023	95	0.043	4.09	M&R Leak
100023112512	91384	B2	A2	Greater than 60	2/13/2023	2/13/2023	44	0.043	1.89	M&R Leak
100024120728	92509	A2	C	Greater than 60	8/2/2023	8/2/2023	214	0.043	9.20	M&R Leak
100023546595	90210	A2	C	Greater than 60	3/21/2023	3/21/2023	80	0.043	3.44	Farm Tap Leak
100023778804	92411	B2	C	Greater than 60	6/8/2023	6/8/2023	159	0.043	6.84	M&R Leak
100023389976	93012	A2	C	Greater than 60	5/12/2023	5/12/2023	121	0.043	5.20	M&R Leak
100023365400	93225	A2	C	Greater than 60	2/16/2023	2/16/2023	47	0.043	2.02	Farm Tap Leak
100024799409	90265	A2	C	Greater than 60	11/15/2023	11/15/2023	319	0.043	13.72	Farm Tap Leak
100024355149	92527	B2	C	Greater than 60	10/31/2023	10/31/2023	304	0.043	13.07	M&R Leak
100024144394	92592	A3	BV	SG/SDG General	7/6/2023	7/6/2023	187	0.014	2.62	Farm Tap Leak
100024126893	93251	A3	C	Greater than 60	8/3/2023	8/3/2023	214	0.043	9.20	M&R Leak
100024279842	90670	A3	C	Greater than 60	9/6/2023	9/6/2023	249	0.043	10.71	M&R Leak
100023243878	93308	A2	C	Greater than 60	12/7/2023	12/7/2023	27	0.043	1.16	Farm Tap Leak
10002311288	91367	B3	C	Greater than 60	5/9/2023	5/9/2023	129	0.043	5.55	M&R Leak
10002312898	92045	B2	C	Greater than 60	3/2/2023	3/2/2023	81	0.043	3.48	Farm Tap Leak
100024126667	90291	A3	C	Less than or equal to 60	8/17/2023	8/17/2023	229	0.043	9.85	M&R Leak
100024807426	90046	A2	C	Greater than 60	11/14/2023	11/14/2023	318	0.043	13.67	Farm Tap Leak
100024675519	93270	A2	R	Fisher	11/29/2023	11/29/2023	338	0.02	6.66	Farm Tap Leak
100023620887	93287	B3	C	Greater than 60	4/14/2023	4/14/2023	104	0.043	4.47	Farm Tap Leak
100024709101	93442	A3	C	Greater than 60	11/28/2023	11/28/2023	332	0.043	14.28	M&R Leak
10002483926	91352	A2	C	Greater than 60	10/9/2023	10/9/2023	282	0.043	12.31	Farm Tap Leak
100024439773	92527	A2	C	Greater than 60	11/30/2023	11/30/2023	334	0.043	14.36	Farm Tap Leak
100023592326	93654	B2	BV	Greater than 60	7/31/2023	7/31/2023	212	0.014	2.97	M&R Leak
100023112160	92545	B3	C	Greater than 60	2/10/2023	2/10/2023	41	0.043	1.76	M&R Leak
100023112292	93291	B3	C	Greater than 60	2/10/2023	2/10/2023	41	0.043	1.76	M&R Leak
10002314963	93307	A2	C	Greater than 60	3/16/2023	3/16/2023	75	0.043	3.04	M&R Leak
10002312887	93510	A2	C	Greater than 60	10/25/2023	10/25/2023	298	0.043	12.81	Farm Tap Leak
100021148266	92826	A3	C	Greater than 60	11/29/2023	11/29/2023	333	0.043	14.32	Farm Tap Leak
100024024577	90210	A2	C	Greater than 60	6/29/2023	6/29/2023	170	0.043	7.31	Farm Tap Leak
100023463161	93215	B3	C	Greater than 60	4/12/2023	4/12/2023	102	0.043	4.39	M&R Leak
100023404547	93292	B2	C	Greater than 60	2/1/2023	2/1/2023	52	0.043	2.24	Farm Tap Leak
100024746232	92527	B2	C	Greater than 60	11/27/2023	11/27/2023	331	0.043	14.23	Farm Tap Leak
100023593710	93292	A2	C	Greater than 60	9/30/2023	9/30/2023	273	0.043	11.74	Farm Tap Leak
100024280435	91606	B2	C	Greater than 60	9/22/2023	9/22/2023	265	0.043	11.40	M&R Leak
100023778878	92507	B2	C	Greater than 60	6/21/2023	6/21/2023	172	0.043	7.40	M&R Leak
100024340972	93244	B2	C	Greater than 60	7/16/2023	7/16/2023	187	0.043	8.04	M&R Leak
100023621260	93021	A3	C	Greater than 60	6/7/2023	6/7/2023	158	0.043	6.79	M&R Leak
100022926572	93308	A2	C	Greater than 60	1/6/2023	1/6/2023	6	0.043	0.26	Farm Tap Leak
100023800261	92864	B3	R	Mooney	5/10/2023	5/10/2023	130	0.02	2.60	M&R Leak
10002314700	90249	B2	C	Greater than 60	8/8/2023	8/8/2023	220	0.043	9.46	M&R Leak
100023348235	93066	B2	C	Greater than 60	2/23/2023	2/23/2023	54	0.043	2.32	Farm Tap Leak
10002436899	93221	B3	C	Greater than 60	11/29/2023	11/29/2023	333	0.043	14.23	Farm Tap Leak
100024628945	93535	B3	C	Greater than 60	10/9/2023	10/9/2023	282	0.043	12.31	M&R Leak
100024280287	91355	B2	C	Greater than 60	9/27/2023	9/27/2023	270	0.043	11.61	M&R Leak
100024279372	91710	B2	BV	Greater than 60	9/3/2023	9/3/2023	256	0.014	3.58	Farm Tap Leak
100024780661	92404	A2	BV	SG/SDG General	11/16/2023	11/16/2023	312	0.014	4.47	Farm Tap Leak
100023514904	93307	B3	C	Greater than 60	4/21/2023	4/21/2023	123	0.043	4.77	M&R Leak
100024126871	93230	A2	C	Greater than 60	8/9/2023	8/9/2023	221	0.043	9.50	M&R Leak
100024391940	92275	B3	C	Greater than 60	10/2/2023	10/2/2023	275	0.043	11.81	M&R Leak
100024746094	93270	A2	C	Greater than 60	11/29/2023	11/29/2023	333	0.043	14.32	Farm Tap Leak
10002310914	92509	B2	C	Greater than 60	6/21/2023	6/21/2023	172	0.043	7.40	Farm Tap Leak
100023789187	92240	B3	C	Greater than 60	5/2/2023	5/2/2023	122	0.043	5.25	Farm Tap Leak
100024786661	92336	B3	C	Greater than 60	12/29/2023	12/29/2023	363	0.043	15.61	M&R Leak
100024247932	92201	BV	Greater than 60	7/26/2023	7/26/2023	207	0.014	2.90	M&R Leak	
10002503365	91740	B2	C	Greater than 60	12/18/2023	12/18/2023	352	0.043	15.14	M&R Leak
100022927193	93036	B2	C	Greater than 60	2/22/2023	2/22/2023	63	0.043	2.28	M&R Leak
100023363044	90230	B3	BV	Walworth	2/10/2023	2/10/2023	41	0.014	0.57	M&R Leak
100024598361	93257	A2	C	Greater than 60	11/15/2023	11/15/2023	319	0.043	13.72	Farm Tap Leak
100024270791	93534	B2	C	Greater than 60	8/15/2023	8/15/2023	227	0.043	9.76	M&R Leak
10002455124	93449	B2	C	Greater than 60	11/27/2023	11/27/2023	331	0.043	14.23	M&R Leak
100023954086	93203	B3	C	Greater than 60	7/4/2023	7/4/2023	205	0.043	8.82	M&R Leak
100023830815	90230	B3	C	Greater than 60	5/14/2023	5/14/2023	134	0.043	5.76	M&R Leak
100024603754	93063	A3	R	Fisher	10/2/2023	10/2/2023	275	0.02	5.50	M&R Leak
100024127251	92407	A3	C	Greater than 60	10/13/2023	10/13/2023	286	0.043	12.30	Farm Tap Leak
100024746204	93274	A3	C	Greater than 60	12/18/2023	12/18/2023	352	0.043	15.14	Farm Tap Leak
100024745811	92647	A3	C	Greater than 60	12/14/2023	12/14/2023	348	0.043	14.96	Farm Tap Leak
100024779017	91606	B2	BV	Rockwell (Std.)	9/22/2023	9/22/2023	265	0.014	3.71	M&R Leak
100023620912	92243	A3	C	Greater than 60	5/11/2023	5/11/2023	131	0.043	5.63	M&R Leak
100024127050	93511	A2	C	Greater than 60	10/25/2023	10/25/2023	298	0.043	12.81	F

10002304900 92337	B2	C	Greater than 60	1/30/2023	1/30/2023	30	0.043	1.29 Farm Tap Leak
100024746100 92356	A3	C	Greater than 60	12/13/2023	12/13/2023	347	0.043	14.92 Farm Tap Leak
100024279570 92357	A2	C	Greater than 60	12/17/2023	12/17/2023	335	0.043	14.43 Farm Tap Leak
100022921208 92201	B2	BV	Rockwell (Std.)	1/3/2023	1/3/2023	3	0.014	0.04 M&R Leak
100023618901 92252	B2	BV	Kenest	5/3/2023	5/3/2023	123	0.014	1.72 M&R Leak
10002310888 92234	A2	C	Greater than 60	3/20/2023	3/20/2023	79	0.043	3.40 M&R Leak
100024249264 92629	A2	O	Greater than 60	9/1/2023	9/1/2023	224	0.043	10.49 M&R Leak
100024193295 90242	B2	BV	Mueller	7/19/2023	7/19/2023	200	0.014	2.80 Farm Tap Leak
100023110865 92374	B2	C	Greater than 60	3/28/2023	3/28/2023	87	0.043	3.74 M&R Leak
100024246850 92881	A3	O	Greater than 60	7/26/2023	7/26/2023	207	0.043	8.96 M&R Leak
100023806451 93230	A3	R	Fisher	5/5/2023	5/5/2023	125	0.02	2.50 Farm Tap Leak
100023112890 91510	A2	C	Greater than 60	7/24/2023	7/24/2023	205	0.043	8.82 Farm Tap Leak
100023529788 91304	B2	C	Greater than 60	3/16/2023	3/16/2023	75	0.043	3.23 M&R Leak
100024598294 92254	A3	C	Greater than 60	11/1/2023	11/1/2023	305	0.043	13.12 M&R Leak
100025090127 92882	A3	R	Mooney	12/26/2023	12/26/2023	360	0.02	7.20 M&R Leak
100024051625 92325	B2	C	Less than or equal to 60	6/14/2023	6/14/2023	155	0.043	7.20 Farm Tap Leak
100023271998 90706	A2	C	Greater than 60	1/25/2023	1/25/2023	25	0.043	1.08 Farm Tap Leak
100023980099 93060	B2	R	American/Relano	3/2/2023	3/2/2023	61	0.02	1.22 M&R Leak
100023112760 92366	B2	C	Greater than 60	2/2/2023	2/2/2023	39	0.043	1.42 Farm Tap Leak
100022779370 93561	A2	C	Greater than 60	6/9/2023	6/9/2023	159	0.043	6.84 Farm Tap Leak
100023463376 93012	A2	C	Greater than 60	5/26/2023	5/26/2023	146	0.043	6.28 Farm Tap Leak
100024193294 90242	B2	BV	Mueller	7/19/2023	7/19/2023	200	0.014	2.80 Farm Tap Leak
100024041658 90621	B2	C	Greater than 60	9/13/2023	9/13/2023	256	0.043	11.01 Farm Tap Leak
100023618733 92324	B2	BV	Walworth	5/19/2023	5/19/2023	139	0.014	1.95 M&R Leak
100023124004 92518	B3	C	Greater than 60	3/7/2023	3/7/2023	66	0.043	2.84 M&R Leak
100023954492 90810	A2	C	Greater than 60	8/30/2023	8/30/2023	242	0.043	10.41 Farm Tap Leak
100023779510 93230	A2	C	Greater than 60	6/30/2023	6/30/2023	181	0.043	7.78 Farm Tap Leak
100024455239 93536	B2	C	Greater than 60	10/16/2023	10/16/2023	289	0.043	12.43 M&R Leak
100024560211 93654	A2	C	Greater than 60	9/13/2023	9/13/2023	256	0.043	11.01 Farm Tap Leak
100023461860 93206	A3	BV	Kenest	4/4/2023	4/4/2023	94	0.014	1.32 M&R Leak
100023682558 92223	A3	C	Greater than 60	4/4/2023	4/4/2023	104	0.043	4.47 M&R Leak
100023431908 93086	B3	BV	SG/SGD General	2/23/2023	2/23/2023	54	0.014	0.76 Farm Tap Leak
100022791170 92940	B2	C	Greater than 60	4/11/2023	4/11/2023	45	0.043	1.84 M&R Leak
100024975514 92324	B2	C	Greater than 60	12/1/2023	12/1/2023	345	0.043	14.84 M&R Leak
100023365070 93065	B2	C	Greater than 60	2/15/2023	2/15/2023	46	0.043	1.98 Farm Tap Leak
100023933848 90048	A2	C	Greater than 60	7/12/2023	7/12/2023	153	0.043	6.30 M&R Leak
100024746263 93257	A2	C	Greater than 60	11/28/2023	11/28/2023	332	0.043	14.28 Farm Tap Leak
100023110813 90006	B1	C	Less than or equal to 60	4/18/2023	4/18/2023	108	0.043	4.64 M&R Leak
100023112842 93551	B2	C	Greater than 60	2/23/2023	2/23/2023	54	0.043	2.32 Farm Tap Leak
100023112176 92111	B2	C	Greater than 60	2/3/2023	2/3/2023	34	0.043	1.46 M&R Leak
100023535046 93066	A3	R	Fisher	5/8/2023	5/8/2023	128	0.02	2.56 Farm Tap Leak
100023000151 93446	B2	C	Greater than 60	9/1/2023	9/1/2023	244	0.043	10.40 Farm Tap Leak
100023383605 92884	B2	C	Greater than 60	2/16/2023	2/16/2023	47	0.043	2.02 Farm Tap Leak
100023589841 93422	B2	R	American/Relano	5/26/2023	5/26/2023	146	0.02	2.92 M&R Leak
100023463357 90745	A2	C	Greater than 60	12/14/2023	12/14/2023	148	0.043	14.96 Farm Tap Leak
100023065880 92359	B2	BV	Rockwell (Std.)	8/18/2023	8/18/2023	230	0.043	3.22 M&R Leak
100024323264 93436	B3	C	Greater than 60	8/10/2023	8/10/2023	222	0.043	9.55 Farm Tap Leak
100024910272 93030	A2	C	Greater than 60	11/30/2023	11/30/2023	334	0.043	14.36 Farm Tap Leak
100024598941 93485	A3	C	Greater than 60	11/20/2023	11/20/2023	324	0.043	13.95 Farm Tap Leak
100024545517 92504	A2	C	Greater than 60	10/19/2023	10/19/2023	292	0.043	12.56 M&R Leak
100023299807 90280	B3	C	Greater than 60	1/31/2023	1/31/2023	31	0.043	1.33 M&R Leak
100023535045 93066	A3	R	Fisher	5/8/2023	5/8/2023	128	0.02	2.56 Farm Tap Leak
100024633445 93066	A3	C	Greater than 60	5/8/2023	5/8/2023	128	0.043	5.60 Farm Tap Leak
100024455571 92562	A3	C	Greater than 60	12/26/2023	12/26/2023	360	0.043	15.54 Farm Tap Leak
100024280066 90285	B2	C	Greater than 60	9/29/2023	9/29/2023	272	0.043	11.70 M&R Leak
100024455019 92596	A3	C	Greater than 60	10/5/2023	10/5/2023	278	0.043	11.59 M&R Leak
100023435621 93206	A3	R	Fisher	4/4/2023	4/4/2023	94	0.02	1.88 M&R Leak
10002444443 90255	B3	BV	Rockwell (Hyperse)	10/5/2023	10/5/2023	278	0.014	3.89 M&R Leak
100023348217 93066	B3	C	Greater than 60	2/23/2023	2/23/2023	54	0.043	2.32 Farm Tap Leak
100022926867 92557	B2	C	Greater than 60	1/5/2023	1/5/2023	5	0.043	0.22 M&R Leak
100023621058 90065	B3	C	Greater than 60	6/28/2023	6/28/2023	179	0.043	7.70 M&R Leak
100023712481 91706	A2	C	Greater than 60	6/28/2023	6/28/2023	179	0.043	7.70 Farm Tap Leak
100024453318 93501	A2	BV	SG/SGD General	10/24/2023	10/24/2023	297	0.043	13.77 M&R Leak
100024655571 93420	A2	BV	Cooper/Cameron	10/13/2023	10/13/2023	286	0.014	4.00 M&R Leak
100023092445 93243	A2	O	Greater than 60	3/2/2023	3/2/2023	61	0.014	0.85 M&R Leak
100023290024 93551	A2	C	Greater than 60	5/5/2023	5/5/2023	125	0.043	5.38 M&R Leak
100024564232 93270	A2	C	Greater than 60	9/13/2023	9/13/2023	256	0.043	11.01 Farm Tap Leak
100022921207 92201	B2	BV	Rockwell (Std.)	1/3/2023	1/3/2023	3	0.014	0.04 M&R Leak
100023116387 91786	B2	BV	Rockwell (Std.)	1/5/2023	1/5/2023	5	0.014	0.07 M&R Leak
100024177865 90024	B2	C	Greater than 60	8/9/2023	8/9/2023	221	0.043	9.50 M&R Leak
100022925581 92201	B3	C	Greater than 60	1/10/2023	1/10/2023	10	0.043	0.43 M&R Leak
100024910529 93030	A2	BV	SG/SGD General	11/30/2023	11/30/2023	334	0.014	4.68 Farm Tap Leak
100023302298 92225	A3	O	Greater than 60	3/9/2023	3/9/2023	68	0.043	2.92 M&R Leak
100024510907 93725	A3	C	Greater than 60	11/17/2023	11/17/2023	321	0.043	13.80 Farm Tap Leak
100024840844 93033	A3	C	Greater than 60	12/29/2023	12/29/2023	363	0.043	15.61 M&R Leak
100024165944 90260	A3	C	Greater than 60	6/29/2023	6/29/2023	180	0.043	7.74 Farm Tap Leak
100023441500 93274	A3	R	Fisher	2/24/2023	2/24/2023	55	0.02	1.10 Farm Tap Leak
100023954235 91405	B2	C	Greater than 60	7/17/2023	7/17/2023	208	0.043	8.94 M&R Leak
100023235993 90670	A3	O	Greater than 60	4/4/2023	4/4/2023	94	0.043	4.04 M&R Leak
100024740711 93664	A2	C	Greater than 60	10/31/2023	10/31/2023	304	0.043	13.07 Farm Tap Leak
100024088842 90740	B3	R	Fisher	8/9/2023	8/9/2023	221	0.02	4.42 M&R Leak
100023292515 92626	A2	O	Greater than 60	3/3/2023	3/3/2023	62	0.043	2.67 M&R Leak
100024254446 92922	B3	BV	Kenest	7/17/2023	7/17/2023	208	0.014	2.80 M&R Leak
100022892927 90740	A2	O	Greater than 60	1/6/2023	1/6/2023	6	0.043	0.26 M&R Leak
100024126698 90047	B3	C	Greater than 60	8/8/2023	8/8/2023	220	0.043	9.46 M&R Leak
100024398362 92517	A3	C	Greater than 60	11/15/2023	11/15/2023	319	0.043	13.72 Farm Tap Leak
100024279417 93114	A3	BV	Cooper/Cameron	9/8/2023	9/8/2023	251	0.014	3.51 M&R Leak
100023388482 92243	A3	R	Mooney	5/11/2023	5/11/2023	131	0.02	2.62 M&R Leak
100023683886 93274	A3	C	Greater than 60	12/13/2023	12/13/2023	347	0.043	14.92 Farm Tap Leak
10002320792 90248	B3	C	Greater than 60	5/30/2023	5/30/2023	150	0.043	6.45 M&R Leak
100024293605 93446	B3	BV	SG/SGD General	8/3/2023	8/3/2023	215	0.014	3.01 M&R Leak
100023714841 93001	A3	O	Greater than 60	6/15/2023	6/15/2023	146	0.043	7.14 M&R Leak
100023882899 93535	B3	BV	SG/SGD General	5/22/2023	5/22/2023	142	0.014	1.98 M&R Leak
100023779536 90640	B3	C	Greater than 60	7/5/2023	7/5/2023	186	0.043	8.00 M&R Leak
100024126899 93268	A3	C	Greater than 60	8/9/2023	8/9/2023	221	0.043	9.50 M&R Leak
100023112516 93121	A2	C	Greater than 60	2/13/2023	2/13/2023	44	0.043	1.89 M&R Leak
100023365222 93280	A2	C	Greater than 60	2/13/2023	2/13/2023	44	0.043	1.89 Farm Tap Leak
10002464022 93666	A2	C	Greater than 60	11/6/2023	11/6/2023	310	0.043	13.33 Farm Tap Leak
100023754822 92592	A2	O	Greater than 60	6/2/2023	6/2/2023	153	0.043	6.58 M&R Leak
10002354098 91384	B2	C	Greater than 60	7/17/2023	7/17/2023	208	0.043	8.94 M&R Leak
100024714945 92590	B3	C	Greater than 60	12/29/2023	12/29/2023	363	0.043	15.61 Farm Tap Leak
100023954466 93543	A3	C	Greater than 60	7/17/2023	7/17/2023	188	0.043	8.08 Farm Tap Leak
100023729261 90250	B3	R	Grove	6/14/2023	6/14/2023	165	0.02	3.30 M&R Leak
100023435178 91770	B3	R	Fisher	4/28/2023	4/28/2023	118	0.02	2.36 M&R Leak
100022925517 92530	B3	C	Greater than 60	1/4/2023	1/4/2023	4	0.043	0.17 M&R Leak
100024729108 92211	B3	C	Greater than 60	11/8/2023	11/8/2023	312	0.043	13.42 Farm Tap Leak
100022926066 93308	A3	C	Greater than 60	1/25/2023	1/25/2023	25	0.043	1.08 M&R Leak
100024088979 90720	B3	R	Fisher	8/2/2023	8/2/2023	214	0.02	4.28 M&R Leak
100023778812 90061	B1	C	Less than or equal to 60	6/16/2023	6/16/2023	167	0.043	7.28 M&R Leak
100024598233 91530	A2	C	Greater than 60	11/6/2023	11/6/2023	310	0.043	13.33 Farm Tap Leak
10002381998 92256	A3	R	Mooney	10/16/2023	10/16/2023	299	0.02	5.98 M&R Leak
10002463641 92408	A2	C	Greater than 60	10/15/2023	10/15/2023	298	0.043	12.81 Farm Tap Leak
100024053567 92921	B2	C	Greater than 60	12/15/2023	12/15/2023	339	0.043	14.58 Farm Tap Leak
100023589962 92672	A2	O	Greater than 60	5/1/2023	5/1/2023	131	0.043	5.63 M&R Leak
100024144786 92522	B1	C	Greater than 60	8/10/2023	8/10/2023	222	0.043	9.55 M&R Leak
1								

100023778819	90250	B2	C	Greater than 60	6/14/2023	6/14/2023	165	0.043	7.10	M&R Leak
100023311031	93465	B2	C	Greater than 60	3/29/2023	3/29/2023	88	0.043	3.79	M&R Leak
10002378563	93790	B2	C	Greater than 60	6/5/2023	6/5/2023	156	0.043	6.71	M&R Leak
100023311129	93446	A3	C	Greater than 60	3/6/2023	3/6/2023	65	0.043	2.80	Farm Tap Leak
100021148187	93257	A2	C	Greater than 60	11/30/2023	11/30/2023	334	0.043	14.36	Farm Tap Leak
10002363666	92211	B3	C	Greater than 60	4/5/2023	4/5/2023	95	0.043	4.09	M&R Leak
100023112321	93280	B2	C	Greater than 60	2/6/2023	2/6/2023	37	0.043	1.59	M&R Leak
10002468346	92301	A2	O	Greater than 60	11/17/2023	11/17/2023	321	0.043	13.80	M&R Leak
100024042632	93543	A2	R	Fisher	12/2/2023	12/2/2023	336	0.02	6.72	Farm Tap Leak
100022519288	93257	A2	C	Greater than 60	12/1/2023	12/1/2023	335	0.043	14.45	Farm Tap Leak
100024971173	90210	A2	BV	Mueller	12/9/2023	12/9/2023	343	0.014	4.80	Farm Tap Leak
100023620910	92236	A3	C	Greater than 60	5/4/2023	5/4/2023	124	0.043	5.33	M&R Leak
100023619578	93257	A2	C	Greater than 60	11/30/2023	11/30/2023	334	0.043	14.36	Farm Tap Leak
100024521757	92376	B2	R	Fisher	11/17/2023	11/17/2023	321	0.02	6.42	Farm Tap Leak
100024175403	92240	A3	C	Greater than 60	7/14/2023	7/14/2023	195	0.043	8.39	Farm Tap Leak
100023293660	93203	B3	C	Greater than 60	2/27/2023	2/27/2023	58	0.043	2.49	M&R Leak
100023881517	93013	B2	C	Greater than 60	5/22/2023	5/22/2023	142	0.043	6.11	M&R Leak
100023460674	92570	B3	BV	Kerotest	4/12/2023	4/12/2023	102	0.014	1.43	M&R Leak
100024415533	93449	B2	R	American/Reliano	11/27/2023	11/27/2023	331	0.02	6.62	M&R Leak
100024746236	93063	B2	C	Greater than 60	12/6/2023	12/6/2023	339	0.043	14.58	Farm Tap Leak
100023462316	92629	B2	C	Greater than 60	8/29/2023	8/29/2023	241	0.043	10.36	Farm Tap Leak
100023364967	93221	A2	C	Greater than 60	12/12/2023	12/12/2023	346	0.043	14.88	Farm Tap Leak
100023953930	93590	B3	C	Greater than 60	1/7/2023	1/7/2023	188	0.043	8.08	M&R Leak
100023621256	93550	B2	C	Greater than 60	5/4/2023	5/4/2023	124	0.043	5.33	M&R Leak
100023778900	92252	B3	C	Greater than 60	8/1/2023	8/1/2023	213	0.043	9.16	M&R Leak
100024380217	93274	B3	C	Greater than 60	9/15/2023	9/15/2023	258	0.043	11.09	M&R Leak
100024746276	93291	A3	C	Greater than 60	11/27/2023	11/27/2023	331	0.043	14.23	Farm Tap Leak
100023710277	92320	B3	BV	Mueller	4/19/2023	4/19/2023	109	0.014	1.53	M&R Leak
100024686205	93292	A2	C	Greater than 60	10/19/2023	10/19/2023	292	0.043	12.56	Farm Tap Leak
100023752886	92627	B2	R	Fisher	6/22/2023	6/22/2023	173	0.02	3.46	M&R Leak
100023463085	93108	B2	C	Greater than 60	4/3/2023	4/3/2023	93	0.043	4.00	M&R Leak
100022890638	92253	B3	R	Mooney	1/19/2023	1/19/2023	13	0.02	0.26	M&R Leak
100023519266	92093	B3	BV	Rockwell (Std.)	3/27/2023	3/27/2023	76	0.014	1.06	M&R Leak
10002447930	92201	B2	BV	Kerotest	7/26/2023	7/26/2023	207	0.014	2.90	M&R Leak
100024127356	92582	B3	C	Greater than 60	12/13/2023	12/13/2023	347	0.043	14.92	Farm Tap Leak
100023326187	91007	B2	C	Greater than 60	2/5/2023	2/5/2023	34	0.043	1.46	Farm Tap Leak
100023112133	91750	B2	C	Greater than 60	2/7/2023	2/7/2023	38	0.043	1.63	M&R Leak
100024746059	93618	A2	C	Greater than 60	12/12/2023	12/12/2023	346	0.043	14.88	Farm Tap Leak
10002440423	92201	B2	BV	Rockwell (Std.)	8/30/2023	8/30/2023	242	0.014	3.39	M&R Leak
100021148222	90210	A2	C	Greater than 60	2/9/2023	2/9/2023	40	0.043	1.72	Farm Tap Leak
100024598322	93662	A3	C	Greater than 60	11/27/2023	11/27/2023	331	0.043	14.23	Farm Tap Leak
100024338936	92234	B3	C	Greater than 60	8/10/2023	8/10/2023	222	0.043	9.55	Farm Tap Leak
100023819927	92362	B3	C	Greater than 60	7/27/2023	7/27/2023	208	0.043	9.96	M&R Leak
100023462296	90022	B1	C	Greater than 60	4/12/2023	4/12/2023	102	0.043	4.39	M&R Leak
100023112731	93251	A3	C	Greater than 60	3/6/2023	3/6/2023	65	0.043	2.80	M&R Leak
10002332082	91007	B2	BV	SCS/SDG General	2/5/2023	2/5/2023	34	0.014	0.48	Farm Tap Leak
100022890634	92253	B3	R	Mooney	1/13/2023	1/13/2023	13	0.02	0.26	M&R Leak
100023800292	92234	A3	R	Mooney	5/8/2023	5/8/2023	128	0.02	2.56	M&R Leak
100023519419	91352	B3	C	Greater than 60	3/14/2023	3/14/2023	73	0.043	3.14	M&R Leak
100023779051	93314	A3	C	Greater than 60	6/19/2023	6/19/2023	170	0.043	7.33	M&R Leak
100023753059	92352	B3	R	Grove	8/4/2023	8/4/2023	216	0.02	4.32	M&R Leak
100023292157	93314	A3	C	Greater than 60	6/21/2023	6/21/2023	172	0.043	7.40	M&R Leak
100022921244	92386	A3	BV	Cooper/Cameron	1/17/2023	1/17/2023	17	0.014	0.26	M&R Leak
100023200168	91352	B3	C	Greater than 60	1/17/2023	1/17/2023	17	0.043	0.73	M&R Leak
100024126747	92596	A3	C	Greater than 60	8/1/2023	8/1/2023	213	0.043	9.16	M&R Leak
10002345360	92571	A3	BV	Workman (WKM)	2/27/2023	2/27/2023	58	0.014	0.81	M&R Leak
100024087838	91505	B3	R	Grove	8/15/2023	8/15/2023	227	0.02	4.54	M&R Leak
100023953936	92585	B3	C	Greater than 60	7/6/2023	7/6/2023	187	0.043	8.04	M&R Leak
100022926639	91364	B2	C	Greater than 60	1/12/2023	1/12/2023	11	0.043	0.47	M&R Leak
100022112328	93203	A3	C	Greater than 60	2/13/2023	2/13/2023	44	0.043	1.89	M&R Leak
100024126920	91350	A3	C	Greater than 60	8/23/2023	8/23/2023	235	0.043	10.11	M&R Leak
100023845160	92352	B3	C	Greater than 60	5/15/2023	5/15/2023	135	0.043	5.81	M&R Leak

Sum Total	5,997
-----------	-------

Appendix 5; Rev. 03/29/2024

Header column "Comment" boxes displayed below for reference.	
Column Heading	Description and Definition of Required Contents (If not self-explanatory)
Population - Station Emissions	
Number of Stations	
Station Classification	A1 = above grade, pressure <100 psi A2 = above grade, pressure =100-300 psi A3 = above grade, pressure >300 psi B1 = below grade, pressure <100 psi B2 = below grade, pressure =100-300 psi B3 = below grade, pressure >300 psi
Emission Factor (Mscf/yr)	
Annual Emissions (Mscf)	
Explanatory Notes / Comments	
Leak Based - Station Emissions	
ID	
Geographic Location	GIS, zip code, or equivalent
M&R Station or Farm Tap Classification	A1 = above grade, pressure <100 psi A2 = above grade, pressure = 100 - 300 psi A3 = above grade, pressure >300 psi B1 = below grade, pressure <100 psi B2 = below grade, pressure = 100 - 300 psi B3 = below grade, pressure > 300 psi F1 = farm tap, pressure <100 psi F2 = farm tap, pressure = 100 - 300 psi F3 = farm tap, pressure >300 psi
Component Type	C = copper CI = cast iron P = plastics (Acetyl, ABS, PE, PVC, etc.) PB = cathodically protected steel, bare PC = cathodically protected steel, coated UB = unprotected steel, bare UC = unprotected steel, coated
Incoming Pressure (psi)	
Leak Grade	
Upgraded Leak Grade or Downgraded Leak Grade	
Leak Discovery Method	
Discovery Date (MM/DD/YY)	
Re-Grade Date (MM/DD/YY)	
Repair Date (MM/DD/YY)	
Scheduled Repair Date (MM/DD/YY)	

Reason for Not Scheduling a Repair	
Number of Days Leaking	
Number of Days to Repair	
Emission Factor (Mscf/Day)	
Annual Emissions (Mscf)	
Explanatory Notes / Comments	
Leak Based - Unknown Leaks	
M&R Station Classification; Leak Grade or Bubble Size Category if available.	Utilities should add rows according to their bubble size categories and nomenclature, and should include a no-bubble category. For example, include a row for each: Foam/ Indeterminate; Bubbles; Soap Blown Off; and No Bubbles.
Total System M&R Station per survey Cycle	
M&R Station on Annual Survey [MX,A]	
M&R Station on Multi-Year Survey Cycles [MXTot]	
Survey Interval (yrs) [I]	
M&R Station Surveyed Annually from Multi-Year Survey Cycles [MX,I]	
Total # of Leaks Detected from Survey [N _{x,L}]	
Annual Leak Rate [Leaks / Meter]	$R_x = \frac{N_{x,L}}{M_{x,A} + (I \times M_{x,I})}$
# of Unknown Leaks	$N_{x,unk} = \bar{R}_x \times (M_x^{Tot} - M_{x,I}) \times \frac{I}{2}$ <p>If the operator changed the leak survey cycle during the report year that requires more detailed calculations based on the approved calculation methodology to determine the number of unknown leaks an additional worksheet may be added to show the calculations.</p>
Total # of Leaks Detected from O&M* [N _{x,o}]	
Leak Based - Emissions Summary	
Grade if Applicable	
Count of Leaks Carried over from Prior Year	Based on a leak start date prior to the first day of the year of interest.
Count of Leaks Discovered in the Year of Interest	The total number of leaks by grade or category discovered in the year of interest.
Count of Leaks Repaired in the Year of Interest	If a leak is downgraded to not leaking, do not count it.
Average Days to Repair Leaks	The average days to repair leaks should be based on the formula: (Repair Date/Time minus Discovery Date/Time) plus (one day, unless using a discrete time stamp for leak repairs), then take the sum and divide by number of leaks repaired by grade to get the average days to repair.

Count of Estimated Unsurveyed Leaks in the Year of Interest	For leaks identified in Unsurveyed areas extrapolate the proportion of leak counts by grade that were found in the respective areas based on the year or periods used to estimate the unsurveyed leak count. If the unsurveyed leak count was based on the current year leak count by grade detected then use the current proportion of graded leak count applied to the unsurveyed leaks.
Count of Remaining Leaks at final day of the Year of Interest (12/31/22)	This count is only of the actual leaks detected in the operator's system that have not been repaired as of 12/31 of the year of interest.
Emissions from Leaks Carried over from Prior Year.	Based on a leak start date prior to the first day of the year of interest. This includes leaks discovered through O&M and survey activities.
Emissions from Leaks Discovered in the Year of Interest.	The total number of leaks by grade or category discovered in the year of interest. This includes leaks discovered through O&M and survey activities.
Emissions from Estimated Unsurveyed Leaks in the Year of Interest	The emissions by grade would be on the same basis that used to extrapolate the count of leaks in the unsurveyed areas. For example: For leaks identified in Unsurveyed areas extrapolate the proportion of leak emissions by grade that were found in the respective areas based on the year or periods used to estimate the unsurveyed leak count. If the unsurveyed leak count was based on the current year leaks detected then use the current proportion of graded leaks applied to the unsurveyed leak emissions.
Total Emissions in the Year of Interest [Mscf of Natural Gas]	
All Damages	
ID	
Geographic Location	GIS, zip code, or equivalent
Damage Type	E = excavation damage N = natural force damage O = other outside force damage
Pipe Material	PB = cathodically protected steel, bare PC = cathodically protected steel, coated UB = unprotected steel, bare UC = unptotected steel, coated
Pipe Size (nominal)	
Pipe Age (months)	
Pressure (psi)	MOP = maximum operating pressure over the past year
Leak Grade	1 = grade 1 2 = grade 2 2+ = grade 2+ 3 = grade 3 N = non-graded or ungraded
Above Ground or Below Ground	AH = above ground, hazardous AN = above ground, non-hazardous B = below ground

Discovery Date (MM/DD/YY)	
Repair Date (MM/DD/YY)	
Number of Days Leaking	<p>If date and time stamp are reliable and used consistently by respondent, then emissions may be calculated based on actual time leaking. E.G. Repair time - damage event time = duration of event.</p> <p>If respondent has average or historical leak duration based on the nature and circumstances of damages, then these may be applied to like damage events. The emissions factors should be adequately supported and explained in the filing.</p> <p>If actual time stamps and historical averages are not available, then whole days should be used in the engineering calculation. The leak begins with the damage event date thru repair date or December 31st of subject year, whichever is later. E.G. Days Leaking = Repair date - date of damage + 1 day.</p>
Emission Factor (Mscf/Day)	
Annual Emissions (Mscf)	
Explanatory Notes / Comments	Provide method of calculation and example of formula. Explain how any EF's used were derived.
Blowdowns	
ID	
Geographic Location	GIS, zip code, or equivalent
Number of Blowdown Events	
Annual Emissions (Mscf)	
Explanatory Notes / Comments	
Component Vented Emissions	
ID	
Geographic Location	GIS, zip code, or equivalent
Station Classification	A1 = above grade, pressure <100 psi A2 = above grade, pressure =100-300 psi A3 = above grade, pressure >300 psi B1 = below grade, pressure <100 psi B2 = below grade, pressure =100-300 psi B3 = below grade, pressure >300 psi
DeviceType	C = connector OE = open-ended line M = meter P = pneumatic device PR = pressure relief valve V = valve O = other devices
Bleed Rate	L = low bleed I = intermittent bleed H = high bleed NA = not applicable
Manufacturer	
NumberofDays Emitting	Because the emissions are a factor of design or function, these emissions counted for the entire year.

Engineering or Manufacturer's based Estimate of Emissions	
Annual Emissions(Mscf)	The emissions should be based on 365 days times the actual volume emitting if known, or the approved Emissions Factor. Note whether the emissions are based on actual volumetric measures in the next column.
Explanatory Notes / Comments	
Component Fugitive Leaks	
ID	
Geographic Location	GIS, zip code, or equivalent
Station Classification	A1 = above grade, pressure <100 psi A2 = above grade, pressure =100-300 psi A3 = above grade, pressure >300 psi B1 = below grade, pressure <100 psi B2 = below grade, pressure =100-300 psi B3 = below grade, pressure >300 psi
DeviceType	C = connector OE = open-ended line M = meter P = pneumatic device PR = pressure relief valve V = valve O = other devices
Bleed Rate	L = low bleed I = intermittent bleed H = high bleed NA = not applicable
Manufacturer	
Pressure(psi)	MOP = maximum operating pressure over the past year
Discovery Date(MM/DD/YY)	List the actual discovery date. If the leak was discovered in the year of interest, then we will assume the component was leaking from the beginning of the year for emissions reporting purposes.
Repair Date(MM/DD/YY)	Date that the component repair stopped the leak. Any associated blowdowns as a result of the repair should be included in the blowdowns tab.
NumberofDays Leaking	Assume Leaking from January 1 of subject year or prior survey date, whichever is later, thru the repair date (if repaired in year of interest) or December 31 of subject year, whichever is earlier. For O&M discovered leaks, assume that the leak begins with the discovery date thru repair date or December 31st of subject year, whichever is earlier.
Emission Factor(Mscf/day)	
Annual Emissions(Mscf)	
Explanatory Notes / Comments	