

SoCalGas, June 15th, 2023

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 2023 June Report

Appendix 5; Rev. 03/30/2023

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
10	A1	40.6	406	2022 EOY Above Grade < 100 psi Actual Inlet Press
63	A2	896.5	56,480	2022 EOY Above Grade 100 - 300 psi Actual Inlet Press
157	A3	1684.5	264,467	2022 EOY Above Grade > 300 psi Actual Inlet Press
127	B1	0.964	122	2022 EOY Below Grade < 100 psi Actual Inlet Press
973	B2	1.84	1,790	2022 EOY Below Grade 100 - 300 psi Actual Inlet Press
626	B3	12.176	7,622	2022 EOY Below Grade > 300 psi Actual Inlet Press
620	F1	12.2	7,564	2022 EOY Farm Tap < 100 psi Actual Inlet Press
7,253	F2	12.2	88,487	2022 EOY Farm Tap 100 - 300 psi Actual Inlet Press
2,284	F3	12.2	27,865	2022 EOY Farm Tap > 300 psi Actual Inlet Press
Sum Total			454,802	

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 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 (psf)	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
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Not Applicable

Sum Total Emissions from leaks carried over from before 2021 [REDACTED] Provided as an example.

Sum Total Emissions from leaks discovered in 2021 [REDACTED] Provided as an example.

Sum Total Emissions from O&M Leaks discovered in 2021 [REDACTED] Provided as an example.

Grand Total of all 2021 emissions from leaks [REDACTED] Provided as an example.

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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 $N_{x,unk} = R_x \times (M_{xI}^{tot} - M_{xI}) \times \frac{I}{2}$	Total # of Leaks Detected from O&M* [N _{xO}]
Not Applicable				1			-	-	
				3			-	-	
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 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
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Sum Total 0

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Distribution M&R Station Blowdowns:

ID	Geographic Location	Number of Blowdown Events	Annual Emissions (Mscf)	Explanatory Notes / Comments
N/A	SoCalGas Territory	15,670	62.7	External District Reg. Inspection at Distribution M&R Stations - Estimated avg. gas vented = 4 scf/insp
N/A	SoCalGas Territory	68	2.0	Filter Change out or Filter Inspection w/parts replacement - Estimated avg. gas vented = 30 scf/ea
N/A	SoCalGas Territory	70	0.1	Pneumatic Device Inspection - Estimated avg. gas vented = 2 scf/insp. Inspection count includes Pneumatic Devices with service and monitor pilot regulators and devices on standby run
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	2,362	28.3	Reg. Change out & Internal Reg. Inspection at Distribution M&R Stations - Estimated avg. gas vented = 12 scf/ea
N/A	SoCalGas Territory	280	5.6	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	2,649	7.9	Reg. Change out & Internal Reg. Inspection at Tap Facilities - Estimated avg. gas vented = 3 scf/ea.
N/A	SoCalGas Territory	126	2.5	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	5,296	5.3	External Reg. Inspection at Tap Facilities - Estimated avg. gas vented = 1 scf/insp
Sum Total			117	

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Notes:

The data collected on this sheet is for informational purposes and may not be included in the emissions inventory for 2021. 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.

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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	
5	SoCalGas Territory	B3	P	I	Becker VRP	365	0.0576	105	
Sum Total								294	

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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 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/YY)	Repair Date (MM/DD/YY)	Number of Days Leaking	Emission Factor (Mscf/day)	Annual Emissions (Mscf)	Explanatory Notes / Comments
100022493285	93110 B2	C	C	Greater than 60	9/9/2022	Greater than 60	9/9/2022	9/9/2022	252	0.043	10.836 M&R Leak	
100022216096	93108 B2	C	C	Greater than 60	8/2/2022	Greater than 60	8/2/2022	8/2/2022	214	0.043	9.202 M&R Leak	
100020918107	93060 B2	C	C	Greater than 60	1/25/2022	Greater than 60	1/25/2022	1/25/2022	25	0.043	1.075 M&R Leak	
100019249138	92532 A3	O	O	Greater than 60	1/3/2022	Greater than 60	1/3/2022	1/3/2022	3	0.043	0.129 M&R Leak	
100020918220	92704 B3	O	O	Greater than 60	1/13/2022	Greater than 60	1/13/2022	1/13/2022	13	0.043	0.559 M&R Leak	
100020917246	93040 B2	O	O	Greater than 60	1/31/2022	Greater than 60	1/31/2022	1/31/2022	31	0.043	1.333 M&R Leak	
100021135367	93001 B2	O	O	Greater than 60	2/1/2022	Greater than 60	2/1/2022	2/1/2022	32	0.043	1.376 M&R Leak	
100021135377	90270 B2	O	O	Greater than 60	2/2/2022	Greater than 60	2/2/2022	2/2/2022	33	0.043	1.419 M&R Leak	
100020917274	90023 B3	O	O	Greater than 60	1/27/2022	Greater than 60	1/27/2022	1/27/2022	27	0.043	1.161 M&R Leak	
100020915766	93536 B1	BV	BV	Greater than 60	1/11/2022	Greater than 60	1/11/2022	1/11/2022	11	0.014	0.154 M&R Leak	
100020915765	93536 B1	BV	BV	Greater than 60	1/11/2022	Greater than 60	1/11/2022	1/11/2022	11	0.014	0.154 M&R Leak	
100021135417	93536 B1	C	C	Greater than 60	2/3/2022	Greater than 60	2/3/2022	2/3/2022	34	0.043	1.462 M&R Leak	
100021135415	91750 B2	C	C	Greater than 60	2/8/2022	Greater than 60	2/8/2022	2/8/2022	39	0.043	1.677 M&R Leak	
100020917439	92532 A3	C	C	Greater than 60	1/3/2022	Greater than 60	1/3/2022	1/3/2022	3	0.043	0.129 M&R Leak	
100020918363	93117 A3	C	C	Greater than 60	1/28/2022	Greater than 60	1/28/2022	1/28/2022	28	0.043	1.204 M&R Leak	
100020917764	93536 B1	C	C	Greater than 60	1/11/2022	Greater than 60	1/11/2022	1/11/2022	11	0.043	0.473 M&R Leak	
100020918086	93510 B3	C	C	Greater than 60	1/20/2022	Greater than 60	1/20/2022	1/20/2022	20	0.043	0.86 M&R Leak	
100020918103	93038 B2	C	C	Greater than 60	1/19/2022	Greater than 60	1/19/2022	1/19/2022	19	0.043	0.817 M&R Leak	
100020915936	93003 B3	C	C	Greater than 60	1/27/2022	Greater than 60	1/27/2022	1/27/2022	27	0.043	1.161 M&R Leak	
100020918087	93510 B2	C	C	Greater than 60	1/21/2022	Greater than 60	1/21/2022	1/21/2022	21	0.043	0.903 M&R Leak	
100020918299	93033 B2	C	C	Greater than 60	1/21/2022	Greater than 60	1/21/2022	1/21/2022	21	0.043	0.903 M&R Leak	
100021135600	93311 B3	C	C	Greater than 60	2/9/2022	Greater than 60	2/9/2022	2/9/2022	40	0.043	1.72 M&R Leak	
100021135601	93304 A3	C	C	Greater than 60	2/11/2022	Greater than 60	2/11/2022	2/11/2022	42	0.043	1.806 M&R Leak	
100020918349	93060 B2	C	C	Greater than 60	1/20/2022	Greater than 60	1/20/2022	1/20/2022	20	0.043	0.86 M&R Leak	
100020918117	93454 B3	C	C	Greater than 60	1/6/2022	Greater than 60	1/6/2022	1/6/2022	6	0.043	0.258 M&R Leak	
100021135591	93276 B3	C	C	Greater than 60	2/10/2022	Greater than 60	2/10/2022	2/10/2022	41	0.043	1.763 M&R Leak	
100020918080	93063 B3	C	C	Greater than 60	1/4/2022	Greater than 60	1/4/2022	1/4/2022	4	0.043	0.172 M&R Leak	
100020917784	93257 B2	C	C	Greater than 60	1/13/2022	Greater than 60	1/13/2022	1/13/2022	13	0.043	0.559 M&R Leak	
100020917840	93003 B3	C	C	Greater than 60	1/18/2022	Greater than 60	1/18/2022	1/18/2022	18	0.043	0.763 M&R Leak	
100020918111	93013 B2	C	C	Greater than 60	1/31/2022	Greater than 60	1/31/2022	1/31/2022	31	0.043	1.333 M&R Leak	
100020918312	93036 A2	C	C	Greater than 60	1/21/2022	Greater than 60	1/21/2022	1/21/2022	21	0.043	0.903 M&R Leak	
100020918106	93036 B2	C	C	Greater than 60	1/25/2022	Greater than 60	1/25/2022	1/25/2022	25	0.043	1.075 M&R Leak	
100021135795	92507 B2	C	C	Greater than 60	2/3/2022	Greater than 60	2/3/2022	2/3/2022	34	0.043	1.462 M&R Leak	
100020918110	A2	C	C	Greater than 60	1/27/2022	Greater than 60	1/27/2022	1/27/2022	27	0.043	1.161 M&R Leak	
100021135593	A3	C	C	Greater than 60	2/1/2022	Greater than 60	2/1/2022	2/1/2022	32	0.043	1.376 M&R Leak	
100021135807	93013 A2	C	C	Greater than 60	2/2/2022	Greater than 60	2/2/2022	2/2/2022	33	0.043	1.419 M&R Leak	
100020917749	93221 B2	C	C	Greater than 60	1/12/2022	Greater than 60	1/12/2022	1/12/2022	12	0.043	0.516 M&R Leak	
100020918104	93033 B2	C	C	Greater than 60	2/18/2022	Greater than 60	2/18/2022	2/18/2022	39	0.043	1.677 M&R Leak	
100021135892	93167 B3	C	C	Greater than 60	2/17/2022	Greater than 60	2/17/2022	2/17/2022	48	0.043	2.064 M&R Leak	
100020918362	93117 B3	C	C	Greater than 60	1/13/2022	Greater than 60	1/13/2022	1/13/2022	13	0.043	0.559 M&R Leak	
100020918108	93003 B2	C	C	Greater than 60	1/20/2022	Greater than 60	1/20/2022	1/20/2022	20	0.043	0.86 M&R Leak	
100021213127	91506 B3	C	C	Greater than 60	1/19/2022	Greater than 60	1/19/2022	1/19/2022	19	0.043	0.817 M&R Leak	
100020918109	93001 B2	C	C	Greater than 60	1/27/2022	Greater than 60	1/27/2022	1/27/2022	27	0.043	1.161 M&R Leak	
100021135805	93040 A2	C	C	Greater than 60	2/24/2022	Greater than 60	2/24/2022	2/24/2022	55	0.043	2.365 M&R Leak	
100020918112	93013 B2	C	C	Greater than 60	1/31/2022	Greater than 60	1/31/2022	1/31/2022	31	0.043	1.333 M&R Leak	
100021135203	91105 B2	C	C	Greater than 60	2/1/2022	Greater than 60	2/1/2022	2/1/2022	32	0.043	1.376 M&R Leak	
100021270399	91776 B3	C	C	Greater than 60	1/31/2022	Greater than 60	1/31/2022	1/31/2022	31	0.043	1.333 M&R Leak	
100020891315	92231 A3	R	R	Greater than 60	1/18/2022	Greater than 60	1/18/2022	1/18/2022	18	0.02	0.36 M&R Leak	
100020891313	A3	R	R	Greater than 60	1/18/2022	Greater than 60	1/18/2022	1/18/2022	18	0.02	0.36 M&R Leak	
100020890858	A3	R	R	Greater than 60	1/18/2022	Greater than 60	1/18/2022	1/18/2022	18	0.02	0.36 M&R Leak	
100020891100	93013 B2	R	R	Greater than 60	1/31/2022	Greater than 60	1/31/2022	1/31/2022	31	0.02	0.62 M&R Leak	
100021057989	93263 B2	R	R	Greater than 60	2/7/2022	Greater than 60	2/7/2022	2/7/2022	38	0.02	0.76 M&R Leak	
100020675137	93308 B2	R	R	Greater than 60	1/3/2022	Greater than 60	1/3/2022	1/3/2022	3	0.02	0.06 M&R Leak	
100021076196	93442 B2	R	R	Greater than 60	2/15/2022	Greater than 60	2/15/2022	2/15/2022	46	0.02	0.92 M&R Leak	
100020915831	93257 B2	BV	BV	Greater than 60	1/13/2022	Greater than 60	1/13/2022	1/13/2022	13	0.014	0.182 M&R Leak	
100020915828	93257 B2	BV	BV	Greater than 60	1/13/2022	Greater than 60	1/13/2022	1/13/2022	13	0.014	0.182 M&R Leak	
100020917245	B1	O	O	Less than or equal to	1/25/2022	Less than or equal to	1/25/2022	1/25/2022	25	0.043	1.075 M&R Leak	
100021135374	90049 B1	O	O	Less than or equal to	2/3/2022	Less than or equal to	2/3/2022	2/3/2022	34	0.043	1.462 M&R Leak	
100020918300	90007 B1	O	O	Less than or equal to	1/28/2022	Less than or equal to	1/28/2022	1/28/2022	28	0.043	1.204 M&R Leak	
100020917247	90291 B1	O	O	Less than or equal to	1/24/2022	Less than or equal to	1/24/2022	1/24/2022	24	0.043	1.032 M&R Leak	
100021150096	90660 A1	C	C	Less than or equal to	1/4/2022	Less than or equal to	1/4/2022	1/4/2022	4	0.043	0.172 M&R Leak	
100021281294	92234 B3	C	C	Greater than 60	2/1/2022	Greater than 60	2/1/2022	2/1/2022	32	0.043	1.376 M&R Leak	
100021830740	92584 B3	C	C	Greater than 60	6/2/2022	Greater than 60	6/2/2022	6/2/2022	153	0.043	6.579 M&R Leak	
100022209872	93535 B3	C	C	Greater than 60	9/7/2022	Greater than 60	9/7/2022	9/7/2022	250	0.043	10.75 M&R Leak	
100022588409	93280 A2	C	C	Greater than 60	11/1/2022	Greater than 60	11/1/2022	11/1/2022	305	0.043	13.115 M&R Leak	
100022087023	93252 A2	C	C	Greater than 60	8/8/2022	Greater than 60	8/8/2022	8/8/2022	220	0.043	9.46 M&R Leak	
100022210171	93307 B3	C	C	Greater than 60	9/1/2022	Greater than 60	9/1/2022	9/1/2022	244	0.043	10.492 M&R Leak	
100021297243	93313 B3	C	C	Greater than 60	3/2/2022	Greater than 60	3/2/2022	3/2/2022	61	0.043	2.623 M&R Leak	
100022588412	93263 B3	C	C	Greater than 60	11/14/2022	Greater than 60	11/14/2022	11/14/2022	318	0.043	13.674 M&R Leak	
100021297443	93550 B3	C	C	Greater than 60	4/4/2022	Greater than 60	4/4/2022	4/4/2022	94	0.043	4.042 M&R Leak	
100021609905	93108 B2	C	C	Greater than 60	5/24/2022	Greater than 60	5/24/2022	5/24/2022	144	0.043	6.192 M&R Leak	
100021297246	93311 A3	C	C	Greater than 60	3/1/2022	Greater than 60	3/1/2022	3/1/2022	60	0.043	2.58 M&R Leak	
100022588407	93250 B3	C	C	Greater than 60	11/15/2022	Greater than 60	11/15/2022	11/15/2022	319	0.043	13.717 M&R Leak	
100022209658	93307 B3	C	C	Greater than 60	9/22/2022	Greater than 60	9/22/2022	9/22/2022	265	0.043	11.395 M&R Leak	
100022209657	93307 A2	C	C	Greater than 60	9/19/2022	Greater than 60	9/19/2022	9/19/2022	262	0.043	11.266 M&R Leak	
100021943985	92590 B3	R	R	Greater than 60	7/20/2022	Greater than 60	7/20/2022	7/20/2022	201	0.02	4.02 M&R Leak	
100021133977	92211 B3	BV	BV	Greater than 60	2/7/2022	Greater than 60	2/7/2022	2/7/2022	38	0.014	0.532 M&R Leak	
100022208940	93307 A2	BV	BV	Greater than 60	9/19/2022	Greater than 60	9/19/2022	9/19/2022	262	0.014	3.668 M&R Leak	
100022323255	93307 B2	BV	BV	Greater than 60	8/23/2022	Greater than 60	8/23/2022	8/23/2022	235	0.014	3.29 M&R Leak	
100022208433	93535 B3	BV	BV	Greater than 60	9/8/2022	Greater than 60	9/8/2022	9/8/2022	251	0.014	3.514 M&R Leak	
100022208038	93307 A2	BV	BV	Greater than 60	9/19/2022	Greater than 60	9/19/2022	9/19/2022	262	0.014	3.668 M&R Leak	
100022208448	93535 B3	BV	BV	Greater than 60	9/7/2022	Greater than 60	9/7/2022	9/7/2022	250	0.014	3.5 M&R Leak	
100021297												

100021967800	92590 B3	C	Greater than 60	7/20/2022	7/20/2022	201	0.043	8.643 M&R Leak
100021967816	92211 A3	C	Greater than 60	10/6/2022	10/6/2022	279	0.043	11.997 M&R Leak
100021968338	92256 A3	C	Greater than 60	7/7/2022	7/7/2022	188	0.043	8.084 M&R Leak
100021830737	92530 B3	C	Greater than 60	6/16/2022	6/16/2022	167	0.043	7.181 M&R Leak
100022086821	92553 B3	C	Greater than 60	8/15/2022	8/15/2022	227	0.043	9.761 M&R Leak
100022086825	92234 B3	C	Greater than 60	8/3/2022	8/3/2022	215	0.043	9.245 M&R Leak
100021967798	92879 B3	C	Greater than 60	7/16/2022	7/16/2022	197	0.043	8.471 M&R Leak
100022804251	92584 B3	C	Greater than 60	11/29/2022	11/29/2022	333	0.043	14.319 M&R Leak
100020917480	92241 A3	C	Greater than 60	1/24/2022	1/24/2022	24	0.043	1.032 M&R Leak
100021887939	92584 B3	C	Greater than 60	5/17/2022	5/17/2022	137	0.043	5.891 M&R Leak
100021441818	91709 B3	C	Greater than 60	4/12/2022	4/12/2022	102	0.043	4.386 M&R Leak
100022454207	92411 B2	C	Greater than 60	10/18/2022	10/18/2022	291	0.043	12.513 M&R Leak
100021146439	91741 B2	C	Greater than 60	1/3/2022	1/3/2022	3	0.043	0.129 M&R Leak
100020918360	92258 B3	C	Greater than 60	1/10/2022	1/10/2022	10	0.043	0.43 M&R Leak
100021967789	91730 B2	C	Greater than 60	7/13/2022	7/13/2022	194	0.043	8.342 M&R Leak
100022454223	92210 B2	C	Greater than 60	10/11/2022	10/11/2022	284	0.043	12.212 M&R Leak
100021609457	91739 B2	C	Greater than 60	5/16/2022	5/16/2022	136	0.043	5.848 M&R Leak
100021875746	92570 B3	C	Greater than 60	5/12/2022	5/12/2022	132	0.043	5.676 M&R Leak
100021609487	92277 B3	C	Greater than 60	5/2/2022	5/2/2022	122	0.043	5.246 M&R Leak
100021640590	91786 B2	C	Greater than 60	11/16/2022	11/16/2022	320	0.043	13.76 M&R Leak
100022209483	92583 B3	C	Greater than 60	9/13/2022	9/13/2022	256	0.043	11.008 M&R Leak
100022987897	92313 B2	C	Greater than 60	12/13/2022	12/13/2022	347	0.043	14.921 M&R Leak
100022086809	91784 B2	C	Greater than 60	8/16/2022	8/16/2022	228	0.043	9.804 M&R Leak
100021609453	92407 A3	C	Greater than 60	5/13/2022	5/13/2022	133	0.043	5.719 M&R Leak
100022649342	92253 B3	C	Greater than 60	11/10/2022	11/10/2022	314	0.043	13.502 M&R Leak
100021830752	92252 B3	C	Greater than 60	6/14/2022	6/14/2022	165	0.043	7.095 M&R Leak
100021830734	92223 A3	C	Greater than 60	6/9/2022	6/9/2022	159	0.043	6.577 M&R Leak
100021609448	92316 B2	C	Greater than 60	5/12/2022	5/12/2022	132	0.043	5.676 M&R Leak
100021830732	92506 B3	C	Greater than 60	6/7/2022	6/7/2022	158	0.043	6.794 M&R Leak
100022210183	92260 B2	C	Greater than 60	9/2/2022	9/2/2022	245	0.043	10.535 M&R Leak
100021933991	92507 B2	C	Greater than 60	5/25/2022	5/25/2022	145	0.043	6.235 M&R Leak
100022588334	92880 B3	C	Greater than 60	11/4/2022	11/4/2022	308	0.043	13.244 M&R Leak
100022588345	92203 A3	C	Greater than 60	11/14/2022	11/14/2022	318	0.043	13.674 M&R Leak
100021194463	92210 B3	C	Greater than 60	2/9/2022	2/9/2022	40	0.043	1.72 M&R Leak
100021830749	92284 B3	C	Greater than 60	6/2/2022	6/2/2022	153	0.043	6.579 M&R Leak
10002209486	92882 A3	C	Greater than 60	9/20/2022	9/20/2022	263	0.043	11.309 M&R Leak
100021297083	92262 B3	C	Greater than 60	3/2/2022	3/2/2022	61	0.043	2.623 M&R Leak
100021609469	92882 B3	C	Greater than 60	5/10/2022	5/10/2022	130	0.043	5.59 M&R Leak
100021830728	91737 B2	C	Greater than 60	6/16/2022	6/16/2022	167	0.043	7.181 M&R Leak
100021830721	92325 B2	C	Greater than 60	6/1/2022	6/1/2022	152	0.043	6.536 M&R Leak
100022588344	92203 B3	C	Greater than 60	11/9/2022	11/9/2022	313	0.043	13.459 M&R Leak
100021609488	92277 B3	C	Greater than 60	5/5/2022	5/5/2022	125	0.043	5.375 M&R Leak
100020917468	92284 B3	C	Greater than 60	4/4/2022	4/4/2022	94	0.043	4.042 M&R Leak
100021829731	92276 A3	C	Greater than 60	6/8/2022	6/8/2022	159	0.043	6.837 M&R Leak
100022804572	92325 B2	C	Greater than 60	11/15/2022	11/15/2022	319	0.043	13.717 M&R Leak
100022809067	92532 B3	C	Greater than 60	7/6/2022	7/6/2022	187	0.043	8.041 M&R Leak
100021609490	92277 B3	C	Greater than 60	5/9/2022	5/9/2022	123	0.043	5.289 M&R Leak
100021441846	92262 B3	C	Greater than 60	4/7/2022	4/7/2022	97	0.043	4.171 M&R Leak
100020917409	92410 B2	C	Greater than 60	1/25/2022	1/25/2022	25	0.043	1.075 M&R Leak
100022454224	92260 B2	C	Greater than 60	10/7/2022	10/7/2022	280	0.043	12.04 M&R Leak
100022649344	92236 B3	C	Greater than 60	11/9/2022	11/9/2022	313	0.043	13.459 M&R Leak
100020917487	92251 B3	C	Greater than 60	1/27/2022	1/27/2022	27	0.043	1.161 M&R Leak
100021297072	92586 B3	C	Greater than 60	3/4/2022	3/4/2022	63	0.043	2.709 M&R Leak
100022209499	92270 A3	C	Greater than 60	9/2/2022	9/2/2022	245	0.043	10.535 M&R Leak
100020917484	92236 B3	C	Greater than 60	1/11/2022	1/11/2022	11	0.043	0.473 M&R Leak
100022729198	92314 B2	C	Greater than 60	10/31/2022	10/31/2022	304	0.043	13.072 M&R Leak
100021188594	91764 B2	C	Greater than 60	1/13/2022	1/13/2022	13	0.043	0.559 M&R Leak
100022087527	92211 B3	C	Greater than 60	9/8/2022	9/8/2022	251	0.043	10.793 M&R Leak
100021441812	92373 B2	C	Greater than 60	4/12/2022	4/12/2022	102	0.043	4.386 M&R Leak
100021609471	92860 B3	C	Greater than 60	5/9/2022	5/9/2022	129	0.043	5.547 M&R Leak
100021609481	92557 B3	C	Greater than 60	5/12/2022	5/12/2022	132	0.043	5.676 M&R Leak
100021464995	92225 A3	C	Greater than 60	3/15/2022	3/15/2022	74	0.043	3.182 M&R Leak
100021609466	92503 B3	C	Greater than 60	5/26/2022	5/26/2022	146	0.043	6.278 M&R Leak
100021442520	92278 A3	C	Greater than 60	4/14/2022	4/14/2022	104	0.043	4.472 M&R Leak
100023166804	A3	C	Greater than 60	12/29/2022	12/29/2022	363	0.043	15.609 M&R Leak
100021441940	92277 A3	C	Greater than 60	5/4/2022	5/4/2022	124	0.043	5.332 M&R Leak
100021967791	91701 B2	C	Greater than 60	7/22/2022	7/22/2022	203	0.043	8.729 M&R Leak
100021465003	92225 B3	C	Greater than 60	5/26/2022	5/26/2022	146	0.043	6.278 M&R Leak
100022375849	92583 B3	C	Greater than 60	8/26/2022	8/26/2022	238	0.043	10.234 M&R Leak
100022152048	91730 B3	C	Greater than 60	8/4/2022	8/4/2022	216	0.043	9.288 M&R Leak
100021135437	92878 A3	C	Greater than 60	2/16/2022	2/16/2022	47	0.043	2.021 M&R Leak
100022587196	92203 A3	C	Greater than 60	11/14/2022	11/14/2022	318	0.043	13.674 M&R Leak
100021203637	92243 B3	C	Greater than 60	1/26/2022	1/26/2022	26	0.043	1.118 M&R Leak
100021609485	92284 B3	C	Greater than 60	6/9/2022	6/9/2022	160	0.043	6.88 M&R Leak
100021831560	92404 B2	C	Greater than 60	6/9/2022	6/9/2022	160	0.043	6.88 M&R Leak
10002209480	91709 B2	C	Greater than 60	9/8/2022	9/8/2022	251	0.043	10.793 M&R Leak
100021609444	92372 B2	C	Greater than 60	5/19/2022	5/19/2022	139	0.043	5.977 M&R Leak
100021609466	92337 B2	C	Greater than 60	5/16/2022	5/16/2022	136	0.043	5.848 M&R Leak
100022454193	92407 B2	C	Greater than 60	10/20/2022	10/20/2022	293	0.043	12.599 M&R Leak
100021441838	92570 B3	C	Greater than 60	4/22/2022	4/22/2022	112	0.043	4.816 M&R Leak
100022278818	92562 B3	C	Greater than 60	8/30/2022	8/30/2022	242	0.043	10.406 M&R Leak
100022011843	92252 B3	C	Greater than 60	6/14/2022	6/14/2022	165	0.043	7.095 M&R Leak
100021506817	92504 B3	C	Greater than 60	3/14/2022	3/14/2022	73	0.043	3.139 M&R Leak
100020917481	92260 A3	C	Greater than 60	1/7/2022	1/7/2022	7	0.043	0.301 M&R Leak
100022237124	92354 B3	C	Greater than 60	8/11/2022	8/11/2022	223	0.043	9.589 M&R Leak
100021967797	92882 B3	C	Greater than 60	7/16/2022	7/16/2022	197	0.043	8.471 M&R Leak
100021967817	92324 B3	C	Greater than 60	9/1/2022	9/1/2022	244	0.043	10.492 M&R Leak
100021967804	92584 B3	C	Greater than 60	7/12/2022	7/12/2022	193	0.043	8.299 M&R Leak
100021440912	92278 A3	C	Greater than 60	4/12/2022	4/12/2022	102	0.043	4.386 M&R Leak
100022086797	92509 B2	C	Greater than 60	8/6/2022	8/6/2022	218	0.043	9.374 M&R Leak
100021464563	92225 A3	C	Greater than 60	3/15/2022	3/15/2022	74	0.043	3.182 M&R Leak
100022454225	92253 B3	C	Greater than 60	10/13/2022	10/13/2022	286	0.043	12.298 M&R Leak
100021967799	92879 B3	C	Greater than 60	7/16/2022	7/16/2022	197	0.043	8.471 M&R Leak
100021525615	91750 B2	C	Greater than 60	3/18/2022	3/18/2022	77	0.043	3.311 M&R Leak
100021830759	92203 A3	C	Greater than 60	6/6/2022	6/6/2022	157	0.043	6.751 M&R Leak
100022898676	92313 B2	C	Greater than 60	11/27/2022	11/27/2022	331	0.043	14.233 M&R Leak
100021831246	93003 B2	C	Greater than 60	6/16/2022	6/16/2022	167	0.043	7.181 M&R Leak
100022715474	91350 B2	C	Greater than 60	10/26/2022	10/26/2022	299	0.043	12.857 M&R Leak
100023018731	93010 B2	C	Greater than 60	12/19/2022	12/19/2022	353	0.043	15.179 M&R Leak
100021609873	91436 B2	C	Greater than 60	5/10/2022	5/10/2022	130	0.043	5.59 M&R Leak
100022454540	91367 B2	C	Greater than 60	10/10/2022	10/10/2022	283	0.043	12.169 M&R Leak
100021297439	91436 B3	C	Greater than 60	4/19/2022	4/19/2022	109	0.043	4.687 M&R Leak
100021831244	93060 B2	C	Greater than 60	6/27/2022	6/27/2022	178	0.043	7.654 M&R Leak
100020719666	93422 B3	C	Greater than 60	1/27/2022	1/27/2022	27	0.043	1.161 M&R Leak
100022087027	93307 B3	C	Greater than 60	8/9/2022	8/9/2022	221	0.043	9.503 M&R Leak
100022588419	93065 B3	C	Greater than 60	12/15/2022	12/15/2022	349	0.043	15.007 M&R Leak
100021968004	93203 B3	C	Greater than 60	7/19/2022	7/19/2022	200	0.043	8.6 M&R Leak
10002184001	91436 B2	C	Greater than 60	5/3/2022	5/3/2022	123	0.043	5.289 M&R Leak
100022209862	91411 A2	C	Greater than 60	9/26/2022	9/26/2022	269	0.043	11.567 M&R Leak
100022087250	91360 B2	C	Greater than 60	8/22/2022	8/22/2022	234	0.043	10.062 M&R Leak
100021156225	91320 B2	C	Greater than 60	1/6/2022	1/6/2022	6	0.043	0.258 M&R Leak
100021442266	91360 B2	C	Greater than 60	4/20/2022	4/20/2022	110	0.043	4.73 M&R Leak
100021830964	93314 A3	C	Greater than 60	6/7/2022	6/7/			

10002209676	91042 B2	C	Greater than 60	10/6/2022	10/6/2022	279	0.043	11.997 M&R Leak
100021442248	91335 B2	C	Greater than 60	4/13/2022	4/13/2022	103	0.043	4.429 M&R Leak
100022454408	91350 B2	C	Greater than 60	11/3/2022	11/3/2022	307	0.043	13.201 M&R Leak
100021831234	91320 B2	C	Greater than 60	6/24/2022	6/24/2022	175	0.043	7.525 M&R Leak
100021442028	93215 A3	C	Greater than 60	4/4/2022	4/4/2022	94	0.043	4.042 M&R Leak
100021967993	93276 B3	C	Greater than 60	7/11/2022	7/11/2022	193	0.043	8.256 M&R Leak
100021609891	93021 A2	C	Greater than 60	5/21/2022	5/21/2022	122	0.043	5.246 M&R Leak
100022087028	93307 B1	C	Greater than 60	8/4/2022	8/4/2022	216	0.043	9.288 M&R Leak
100021831227	93535 B2	C	Greater than 60	6/23/2022	6/23/2022	174	0.043	7.482 M&R Leak
100021830987	91504 B2	C	Greater than 60	6/28/2022	6/28/2022	179	0.043	7.697 M&R Leak
100021135606	91214 B3	C	Greater than 60	2/17/2022	2/17/2022	48	0.043	2.064 M&R Leak
100020917845	91342 B2	C	Greater than 60	1/25/2022	1/25/2022	25	0.043	1.075 M&R Leak
100021297716	93206 B3	C	Greater than 60	3/30/2022	3/30/2022	89	0.043	3.827 M&R Leak
100021462760	93446 B2	C	Greater than 60	3/4/2022	3/4/2022	63	0.043	2.709 M&R Leak
100020917787	93276 B3	C	Greater than 60	1/11/2022	1/11/2022	11	0.043	0.473 M&R Leak
100020517628	91301 B2	C	Greater than 60	1/11/2022	1/11/2022	11	0.043	0.473 M&R Leak
100021609617	93618 B2	C	Greater than 60	6/18/2022	6/18/2022	169	0.043	7.267 M&R Leak
100022087267	93463 B3	C	Greater than 60	8/12/2022	8/12/2022	224	0.043	9.632 M&R Leak
100021442244	91356 B3	C	Greater than 60	4/27/2022	4/27/2022	117	0.043	5.031 M&R Leak
100022209893	93012 B2	C	Greater than 60	9/20/2022	9/20/2022	263	0.043	11.309 M&R Leak
100021442352	91342 B3	C	Greater than 60	4/21/2022	4/21/2022	111	0.043	4.773 M&R Leak
100021442265	93021 B2	C	Greater than 60	5/3/2022	5/3/2022	123	0.043	5.289 M&R Leak
100021609656	93561 B2	C	Greater than 60	5/3/2022	5/3/2022	123	0.043	5.289 M&R Leak
100021831561	93308 B3	C	Greater than 60	7/12/2022	7/12/2022	193	0.043	8.299 M&R Leak
100021441998	93422 B3	C	Greater than 60	6/24/2022	6/24/2022	175	0.043	7.525 M&R Leak
100022588992	93401 B2	C	Greater than 60	11/4/2022	11/4/2022	308	0.043	13.244 M&R Leak
100021387815	91504 B3	C	Greater than 60	2/7/2022	2/7/2022	38	0.043	1.624 M&R Leak
100022103706	91343 B2	C	Greater than 60	7/7/2022	7/7/2022	38	0.043	8.084 M&R Leak
100020917811	93308 A2	C	Greater than 60	1/3/2022	1/3/2022	3	0.043	0.129 M&R Leak
100021135802	93033 A2	C	Greater than 60	3/18/2022	3/18/2022	77	0.043	3.311 M&R Leak
100022087050	91601 B2	C	Greater than 60	8/19/2022	8/19/2022	231	0.043	9.933 M&R Leak
100021609611	93422 B3	C	Greater than 60	5/5/2022	5/5/2022	125	0.043	5.375 M&R Leak
100022613018	93245 A3	C	Greater than 60	10/11/2022	10/11/2022	284	0.043	12.212 M&R Leak
100021831230	93021 B2	C	Greater than 60	6/23/2022	6/23/2022	174	0.043	7.482 M&R Leak
100021135989	93251 A3	C	Greater than 60	2/10/2022	2/10/2022	41	0.043	1.763 M&R Leak
100021609894	93033 B2	C	Greater than 60	8/4/2022	8/4/2022	216	0.043	9.288 M&R Leak
100021442512	93250 A3	C	Greater than 60	4/7/2022	4/7/2022	97	0.043	4.171 M&R Leak
100021830988	91502 B2	C	Greater than 60	6/30/2022	6/30/2022	181	0.043	7.783 M&R Leak
100022454548	93501 B3	C	Greater than 60	10/6/2022	10/6/2022	279	0.043	11.997 M&R Leak
100021830977	93561 B3	C	Greater than 60	6/14/2022	6/14/2022	165	0.043	7.095 M&R Leak
100021297257	91011 B2	C	Greater than 60	3/3/2022	3/3/2022	62	0.043	2.666 M&R Leak
100021297462	93108 B3	C	Greater than 60	3/23/2022	3/23/2022	82	0.043	3.526 M&R Leak
100022454354	93449 B2	C	Greater than 60	10/31/2022	10/31/2022	304	0.043	13.072 M&R Leak
100022588599	93561 B2	C	Greater than 60	11/2/2022	11/2/2022	306	0.043	13.158 M&R Leak
100021442568	93215 B2	C	Greater than 60	4/6/2022	4/6/2022	96	0.043	4.128 M&R Leak
100021297238	93313 A2	C	Greater than 60	3/29/2022	3/29/2022	88	0.043	3.784 M&R Leak
100020918079	91367 B3	C	Greater than 60	2/16/2022	2/16/2022	47	0.043	2.021 M&R Leak
100021462761	93422 B2	C	Greater than 60	3/4/2022	3/4/2022	63	0.043	2.709 M&R Leak
100022016032	93561 B3	C	Greater than 60	12/19/2022	12/19/2022	353	0.043	15.179 M&R Leak
100021609902	93060 B2	C	Greater than 60	5/11/2022	5/11/2022	131	0.043	5.633 M&R Leak
100022087235	91601 B2	C	Greater than 60	8/9/2022	8/9/2022	221	0.043	9.503 M&R Leak
100022209866	92225 B2	C	Greater than 60	10/25/2022	10/25/2022	298	0.043	12.814 M&R Leak
100022087053	91321 B3	C	Greater than 60	8/11/2022	8/11/2022	223	0.043	9.589 M&R Leak
100021442274	93066 B2	C	Greater than 60	4/26/2022	4/26/2022	116	0.043	4.988 M&R Leak
100021297448	93543 B3	C	Greater than 60	3/30/2022	3/30/2022	89	0.043	3.827 M&R Leak
100022454556	93065 B2	C	Greater than 60	11/14/2022	11/14/2022	318	0.043	13.674 M&R Leak
100021831232	93012 B3	C	Greater than 60	6/8/2022	6/8/2022	159	0.043	6.827 M&R Leak
100021609674	91406 B2	C	Greater than 60	5/20/2022	5/20/2022	140	0.043	6.02 M&R Leak
100022588406	93250 B3	C	Greater than 60	11/2/2022	11/2/2022	306	0.043	13.158 M&R Leak
100021452761	91502 B2	C	Greater than 60	3/16/2022	3/16/2022	75	0.043	3.225 M&R Leak
100021420354	93268 A3	C	Greater than 60	2/25/2022	2/25/2022	56	0.043	2.408 M&R Leak
100021442245	91436 B2	C	Greater than 60	4/26/2022	4/26/2022	116	0.043	4.988 M&R Leak
100022094508	93108 B2	C	Greater than 60	7/7/2022	7/7/2022	188	0.043	8.084 M&R Leak
100022588607	93561 B2	C	Greater than 60	11/2/2022	11/2/2022	306	0.043	13.158 M&R Leak
100021442034	93280 B3	C	Greater than 60	4/5/2022	4/5/2022	95	0.043	4.085 M&R Leak
100021609847	93263 B3	C	Greater than 60	5/3/2022	5/3/2022	123	0.043	5.289 M&R Leak
100021442287	93215 B3	C	Greater than 60	4/13/2022	4/13/2022	103	0.043	4.429 M&R Leak
100021609646	93263 B2	C	Greater than 60	5/20/2022	5/20/2022	140	0.043	6.02 M&R Leak
100022968734	93706 B3	C	Greater than 60	12/8/2022	12/8/2022	342	0.043	14.706 M&R Leak
100022454388	93461 A2	C	Greater than 60	10/10/2022	10/10/2022	283	0.043	12.169 M&R Leak
100020917721	93451 B3	C	Greater than 60	1/28/2022	1/28/2022	28	0.043	1.204 M&R Leak
100022209667	93243 A2	C	Greater than 60	9/8/2022	9/8/2022	251	0.043	10.793 M&R Leak
100022588411	93263 B3	C	Greater than 60	11/1/2022	11/1/2022	305	0.043	13.115 M&R Leak
100021968016	92407 B2	C	Greater than 60	7/20/2022	7/20/2022	201	0.043	8.643 M&R Leak
100021442246	91406 B2	C	Greater than 60	5/4/2022	5/4/2022	124	0.043	5.332 M&R Leak
100021135799	93065 B2	C	Greater than 60	2/23/2022	2/23/2022	54	0.043	2.322 M&R Leak
100022742897	93560 B2	C	Greater than 60	12/1/2022	12/1/2022	325	0.043	14.405 M&R Leak
100022588571	93536 B2	C	Greater than 60	11/1/2022	11/1/2022	305	0.043	13.115 M&R Leak
100022861590	93066 B2	C	Greater than 60	11/23/2022	11/23/2022	327	0.043	14.061 M&R Leak
100021442279	93108 B2	C	Greater than 60	7/14/2022	7/14/2022	195	0.043	8.385 M&R Leak
100021968017	91354 B2	C	Greater than 60	7/20/2022	7/20/2022	201	0.043	8.643 M&R Leak
100022454558	91360 B2	C	Greater than 60	10/14/2022	10/14/2022	287	0.043	12.341 M&R Leak
100021609893	93030 B2	C	Greater than 60	5/17/2022	5/17/2022	137	0.043	5.891 M&R Leak
100021934142	93308 B3	C	Greater than 60	5/25/2022	5/25/2022	145	0.043	6.235 M&R Leak
100021609890	93021 A3	C	Greater than 60	5/2/2022	5/2/2022	122	0.043	5.246 M&R Leak
100021830960	93249 A3	C	Greater than 60	6/13/2022	6/13/2022	164	0.043	7.052 M&R Leak
100021442004	93446 B3	C	Greater than 60	5/10/2022	5/10/2022	130	0.043	5.59 M&R Leak
100022209868	90046 B2	C	Greater than 60	9/28/2022	9/28/2022	271	0.043	11.653 M&R Leak
100021297457	93013 B2	C	Greater than 60	3/30/2022	3/30/2022	89	0.043	3.827 M&R Leak
100022209883	93021 B2	C	Greater than 60	9/8/2022	9/8/2022	251	0.043	10.793 M&R Leak
100021831469	93609 B3	C	Greater than 60	6/2/2022	6/2/2022	153	0.043	6.579 M&R Leak
100021297453	93012 B2	C	Greater than 60	3/18/2022	3/18/2022	77	0.043	3.311 M&R Leak
100022722917	91436 B3	C	Greater than 60	12/13/2022	12/13/2022	347	0.043	14.921 M&R Leak
100020917810	93308 A3	C	Greater than 60	1/6/2022	1/6/2022	6	0.043	0.258 M&R Leak
100022505939	91340 A2	C	Greater than 60	9/13/2022	9/13/2022	256	0.043	11.008 M&R Leak
100022087957	91350 B2	C	Greater than 60	9/7/2022	9/7/2022	250	0.043	10.75 M&R Leak
100022087258	93060 B2	C	Greater than 60	8/31/2022	8/31/2022	243	0.043	10.449 M&R Leak
100020918118	93458 B3	C	Greater than 60	1/26/2022	1/26/2022	26	0.043	1.118 M&R Leak
100022404892	93268 A3	C	Greater than 60	8/5/2022	8/5/2022	217	0.043	9.331 M&R Leak
100022006051	93103 B3	C	Greater than 60	6/10/2022	6/10/2022	161	0.043	6.923 M&R Leak
100022209663	93307 B3	C	Greater than 60	9/22/2022	9/22/2022	265	0.043	11.395 M&R Leak
100021442660	B3	C	Greater than 60	5/20/2022	5/20/2022	140	0.043	6.02 M&R Leak
100022454409	91387 A3	C	Greater than 60	11/18/2022	11/18/2022	322	0.043	13.846 M&R Leak
100023012480	93010 B2	C	Greater than 60	12/16/2022	12/16/2022	350	0.043	15.05 M&R Leak
100021008152	93442 A3	C	Greater than 60	1/4/2022	1/4/2022	4	0.043	0.172 M&R Leak
100022303030	93307 B2	C	Greater than 60	8/23/2022	8/23/2022	285	0.043	10.105 M&R Leak
100021297444	93550 B2	C	Greater than 60	4/21/2022	4/21/2022	111	0.043	4.773 M&R Leak
100021967995	93268 A3	C	Greater than 60	7/20/2022	7/20/2022	201	0.043	8.643 M&R Leak
100021574028	93003 B1	C	Greater than 60	3/28/2022	3/28/2022	87	0.043	3.741 M&R Leak
100021850852	93422 B3	C	Greater than 60	8/17/2022	8/17/2022	229	0.043	9.847 M&R Leak
100021831235	93033 A2	C	Greater than 60	6/14/2022	6/14/2022	165	0.043	7.095 M&R Leak
100021831249	93023 B2	C	Greater than 60	8/19/2022	8/19/2022	231	0.043	9.933 M&R Leak
100022291781	91340 B3	C	Greater than 60	8/24/2022	8/24/2022			

100021135784	91307 B2	C	Greater than 60	2/8/2022	2/8/2022	39	0.043	1.677 M&R Leak
100021831213	91344 B2	C	Greater than 60	6/7/2022	6/7/2022	158	0.043	6.794 M&R Leak
100022242984	93510 B3	C	Greater than 60	8/11/2022	8/11/2022	223	0.043	9.589 M&R Leak
100021968233	93004 B2	C	Greater than 60	8/29/2022	8/29/2022	241	0.043	10.363 M&R Leak
100021213060	93446 B2	C	Greater than 60	1/21/2022	1/21/2022	21	0.043	0.903 M&R Leak
100021831211	91316 B3	C	Greater than 60	6/14/2022	6/14/2022	165	0.043	7.095 M&R Leak
100021008151	93443 A3	C	Greater than 60	3/14/2022	3/14/2022	4	0.043	0.172 M&R Leak
10002245490	93249 A3	C	Greater than 60	10/10/2022	10/10/2022	283	0.043	12.169 M&R Leak
100021830961	93276 A2	C	Greater than 60	7/11/2022	7/11/2022	192	0.043	8.256 M&R Leak
100021830927	93428 B2	C	Greater than 60	7/26/2022	7/26/2022	207	0.043	8.901 M&R Leak
100021135605	91208 B2	C	Greater than 60	3/31/2022	3/31/2022	90	0.043	3.87 M&R Leak
100022087034	93206 B2	C	Greater than 60	8/2/2022	8/2/2022	214	0.043	9.202 M&R Leak
100021297247	93307 B3	C	Greater than 60	3/25/2022	3/25/2022	84	0.043	3.612 M&R Leak
100021967958	93654 B2	C	Greater than 60	7/7/2022	7/7/2022	188	0.043	8.084 M&R Leak
100021135607	91352 B3	C	Greater than 60	3/17/2022	3/17/2022	76	0.043	3.268 M&R Leak
100021968211	91423 B2	C	Greater than 60	8/10/2022	8/10/2022	222	0.043	9.546 M&R Leak
100022131711	93066 A3	C	Greater than 60	8/15/2022	8/15/2022	227	0.043	9.751 M&R Leak
100022742575	93254 A3	C	Greater than 60	12/1/2022	12/1/2022	335	0.043	14.405 M&R Leak
100022209096	93444 B3	C	Greater than 60	9/13/2022	9/13/2022	256	0.043	11.008 M&R Leak
100022716182	93250 A3	C	Greater than 60	10/26/2022	10/26/2022	299	0.043	12.857 M&R Leak
100022624711	93015 B2	C	Greater than 60	10/12/2022	10/12/2022	285	0.043	12.255 M&R Leak
100021830976	93225 B2	C	Greater than 60	6/9/2022	6/9/2022	160	0.043	6.88 M&R Leak
100022087033	93268 A3	C	Greater than 60	8/15/2022	8/15/2022	227	0.043	9.761 M&R Leak
100022209680	91381 B2	C	Greater than 60	9/28/2022	9/28/2022	271	0.043	11.653 M&R Leak
100021609070	91352 B2	C	Greater than 60	6/21/2022	6/21/2022	172	0.043	7.396 M&R Leak
100022209869	93535 B3	C	Greater than 60	9/12/2022	9/12/2022	255	0.043	10.265 M&R Leak
100021297139	93303 A3	C	Greater than 60	3/25/2022	3/25/2022	84	0.043	3.612 M&R Leak
100022087051	93234 B2	C	Greater than 60	8/25/2022	8/25/2022	237	0.043	10.191 M&R Leak
100022087035	93263 B2	C	Greater than 60	8/3/2022	8/3/2022	215	0.043	9.245 M&R Leak
100022087055	91355 B3	C	Greater than 60	8/12/2022	8/12/2022	224	0.043	9.632 M&R Leak
100021609898	93066 B3	C	Greater than 60	5/11/2022	5/11/2022	131	0.043	5.633 M&R Leak
100021297458	93013 B2	C	Greater than 60	3/8/2022	3/8/2022	67	0.043	2.881 M&R Leak
100021831218	91402 B2	C	Greater than 60	6/6/2022	6/6/2022	157	0.043	6.751 M&R Leak
100020917818	93305 B3	C	Greater than 60	1/14/2022	1/14/2022	14	0.043	0.602 M&R Leak
100021968209	91405 B2	C	Greater than 60	7/19/2022	7/19/2022	200	0.043	8.6 M&R Leak
100021832233	91356 B3	C	Greater than 60	12/14/2022	12/14/2022	348	0.043	14.594 M&R Leak
100022742573	93243 B2	C	Greater than 60	12/5/2022	12/5/2022	339	0.043	14.577 M&R Leak
100021344595	93405 B3	C	Greater than 60	2/16/2022	2/16/2022	47	0.043	2.021 M&R Leak
100022117573	91767 B2	C	Greater than 60	7/8/2022	7/8/2022	189	0.043	8.127 M&R Leak
100022290630	92708 B2	C	Greater than 60	8/18/2022	8/18/2022	230	0.043	9.89 M&R Leak
100021614694	92617 B3	C	Greater than 60	4/1/2022	4/1/2022	91	0.043	3.913 M&R Leak
100022783543	92651 A3	C	Greater than 60	11/14/2022	11/14/2022	318	0.043	13.674 M&R Leak
100022831143	91789 B2	C	Greater than 60	11/21/2022	11/21/2022	325	0.043	13.975 M&R Leak
100022792722	90650 B2	C	Greater than 60	11/10/2022	11/10/2022	314	0.043	13.502 M&R Leak
100021135133	90706 B2	C	Greater than 60	2/3/2022	2/3/2022	34	0.043	1.462 M&R Leak
100022490891	90230 B2	C	Greater than 60	9/13/2022	9/13/2022	255	0.043	11.008 M&R Leak
100021441731	90265 B2	C	Greater than 60	4/11/2022	4/11/2022	101	0.043	4.343 M&R Leak
100023041109	90012 B2	C	Greater than 60	12/22/2022	12/22/2022	356	0.043	15.308 M&R Leak
100022209417	90265 B2	C	Greater than 60	9/16/2022	9/16/2022	259	0.043	11.137 M&R Leak
100021164533	90230 B3	C	Greater than 60	1/7/2022	1/7/2022	7	0.043	0.301 M&R Leak
100022910335	90025 A3	C	Greater than 60	12/15/2022	12/15/2022	349	0.043	15.007 M&R Leak
100022016995	90232 A2	C	Greater than 60	6/16/2022	6/16/2022	167	0.043	7.181 M&R Leak
100021609367	90232 A2	C	Greater than 60	5/16/2022	5/16/2022	136	0.043	5.848 M&R Leak
100021830611	90405 B2	C	Greater than 60	6/8/2022	6/8/2022	159	0.043	6.837 M&R Leak
100021609373	90247 A2	C	Greater than 60	5/12/2022	5/12/2022	132	0.043	5.676 M&R Leak
100022758413	93033 B2	C	Greater than 60	11/3/2022	11/3/2022	307	0.043	13.201 M&R Leak
100022388421	90304 B2	C	Greater than 60	11/25/2022	11/25/2022	329	0.043	14.147 M&R Leak
100022209415	90265 B2	C	Greater than 60	9/21/2022	9/21/2022	264	0.043	11.352 M&R Leak
100022026081	90230 B3	C	Greater than 60	6/20/2022	6/20/2022	171	0.043	7.353 M&R Leak
100021609349	90222 B1	C	Greater than 60	5/13/2022	5/13/2022	133	0.043	5.719 M&R Leak
100021294703	90744 B2	C	Greater than 60	3/24/2022	3/24/2022	83	0.043	3.569 M&R Leak
100022889090	90035 B2	C	Greater than 60	11/25/2022	11/25/2022	329	0.043	14.147 M&R Leak
100022209412	90230 B2	C	Greater than 60	9/8/2022	9/8/2022	251	0.043	10.793 M&R Leak
100022193316	90501 B2	C	Greater than 60	7/29/2022	7/29/2022	210	0.043	9.03 M&R Leak
100021238924	92234 A3	R	Greater than 60	3/3/2022	3/3/2022	62	0.02	1.24 M&R Leak
100022187506	92270 A3	R	Greater than 60	9/2/2022	9/2/2022	245	0.02	4.9 M&R Leak
100020891306	92376 B2	R	Greater than 60	1/18/2022	1/18/2022	18	0.02	0.36 M&R Leak
100022057202	92270 B3	R	Greater than 60	8/3/2022	8/3/2022	215	0.02	4.3 M&R Leak
100021507128	92504 B3	R	Greater than 60	3/14/2022	3/14/2022	73	0.02	1.46 M&R Leak
100021944805	92256 A3	R	Greater than 60	7/7/2022	7/7/2022	188	0.02	3.76 M&R Leak
100021944454	92234 B3	R	Greater than 60	9/1/2022	9/1/2022	244	0.02	4.88 M&R Leak
100022056521	92234 B3	R	Greater than 60	8/3/2022	8/3/2022	215	0.02	4.3 M&R Leak
100022056525	92264 B3	R	Greater than 60	8/2/2022	8/2/2022	214	0.02	4.28 M&R Leak
100021803393	92203 A3	R	Greater than 60	6/6/2022	6/6/2022	157	0.02	3.14 M&R Leak
100022056771	92234 B3	R	Greater than 60	8/3/2022	8/3/2022	215	0.02	4.3 M&R Leak
100021942010	92324 A2	R	Greater than 60	7/15/2022	7/15/2022	195	0.02	3.92 M&R Leak
100021412131	91709 B3	R	Greater than 60	4/12/2022	4/12/2022	102	0.02	2.04 M&R Leak
100021577455	92372 B2	R	Greater than 60	5/19/2022	5/19/2022	139	0.02	2.78 M&R Leak
100020891977	92258 B3	R	Greater than 60	1/10/2022	1/10/2022	10	0.02	0.2 M&R Leak
100021412136	91709 B3	R	Greater than 60	4/12/2022	4/12/2022	102	0.02	2.04 M&R Leak
100021240715	92241 B3	R	Greater than 60	3/7/2022	3/7/2022	66	0.02	1.32 M&R Leak
100022387037	92544 B3	R	Greater than 60	10/13/2022	10/13/2022	286	0.02	5.72 M&R Leak
100021238894	92320 B2	R	Greater than 60	3/17/2022	3/17/2022	76	0.02	1.52 M&R Leak
100022056522	92234 B3	R	Greater than 60	8/3/2022	8/3/2022	215	0.02	4.3 M&R Leak
100022056520	92234 B3	R	Greater than 60	8/3/2022	8/3/2022	215	0.02	4.3 M&R Leak
100021578056	92860 B3	R	Greater than 60	5/9/2022	5/9/2022	129	0.02	2.58 M&R Leak
100021944786	91711 B2	R	Greater than 60	7/13/2022	7/13/2022	194	0.02	3.88 M&R Leak
100022837997	92501 B3	R	Greater than 60	11/18/2022	11/18/2022	322	0.02	6.44 M&R Leak
100022997828	92507 B2	R	Greater than 60	11/18/2022	11/18/2022	322	0.02	6.44 M&R Leak
100021239814	91011 B2	R	Greater than 60	3/3/2022	3/3/2022	62	0.02	1.24 M&R Leak
100022992763	91436 B3	R	Greater than 60	12/13/2022	12/13/2022	347	0.02	6.94 M&R Leak
100021518945	91502 B2	R	Greater than 60	3/16/2022	3/16/2022	75	0.02	1.5 M&R Leak
100022058841	93004 B2	R	Greater than 60	9/9/2022	9/9/2022	252	0.02	5.04 M&R Leak
100022058970	93206 B2	R	Greater than 60	8/2/2022	8/2/2022	214	0.02	4.28 M&R Leak
100022187333	91411 A2	R	Greater than 60	9/26/2022	9/26/2022	269	0.02	5.38 M&R Leak
100022064996	93103 B3	R	Greater than 60	6/10/2022	6/10/2022	161	0.02	3.22 M&R Leak
100021518947	91502 B2	R	Greater than 60	3/16/2022	3/16/2022	75	0.02	1.5 M&R Leak
100022186205	93030 B2	R	Greater than 60	9/8/2022	9/8/2022	251	0.02	5.02 M&R Leak
100022188049	93035 B2	R	Greater than 60	9/8/2022	9/8/2022	251	0.02	5.02 M&R Leak
100021074947	91352 B3	R	Greater than 60	3/17/2022	3/17/2022	76	0.02	1.52 M&R Leak
100022332251	93307 B2	R	Greater than 60	8/23/2022	8/23/2022	235	0.02	4.7 M&R Leak
100021413338	93215 B2	R	Greater than 60	4/6/2022	4/6/2022	96	0.02	1.92 M&R Leak
100022254637	93066 A3	R	Greater than 60	8/15/2022	8/15/2022	227	0.02	4.54 M&R Leak
100022188030	93012 B2	R	Greater than 60	9/20/2022	9/20/2022	263	0.02	5.26 M&R Leak
100022186147	93030 B2	R	Greater than 60	9/8/2022	9/8/2022	251	0.02	5.02 M&R Leak
100022389832	93004 B2	R	Greater than 60	11/10/2022	11/10/2022	314	0.02	6.28 M&R Leak
100022057857	93463 B3	R	Greater than 60	8/12/2022	8/12/2022	224	0.02	4.48 M&R Leak
10002126157	91504 B3	R	Greater than 60	2/7/2022	2/7/2022	38	0.02	0.76 M&R Leak
100021364313	93405 B3	R	Greater than 60	2/16/2022	2/16/2022	47	0.02	0.94 M&R Leak
100021074949	91352 B3	R	Greater than 60	3/17/2022	3/17/2022	76	0.02	1.52 M&R Leak
100022214583	93314 B3	R	Greater than 60	8/1/2022	8/1/2022	213	0.02	4.26 M&R Leak
100021413284	93422 B3	R	Greater than 60	6/24/2022	6/24/2022	175	0.02	3.5 M&R Leak
100021577822	93280 B2	R	Greater than 60	5/18/2022	5/18/2022	138	0.02	2.76 M&R Leak
100022633597	93015 B2	R	Greater than 60	10/12/2022	10/12/2022	2		

100023008568	90025 A3	R	Greater than 60	12/15/2022	12/15/2022	349	0.02	6.98 M&R Leak
100021802547	90303 B2	R	Greater than 60	6/24/2022	6/24/2022	175	0.02	3.5 M&R Leak
100021810193	90402 B2	R	Greater than 60	4/26/2022	4/26/2022	116	0.02	2.32 M&R Leak
100022185920	90265 B2	R	Greater than 60	9/20/2022	9/20/2022	263	0.02	5.26 M&R Leak
100021840886	92277 B3	BV	Greater than 60	5/3/2022	5/3/2022	123	0.014	1.722 M&R Leak
100021965792	91701 B2	BV	Greater than 60	7/11/2022	7/11/2022	193	0.014	2.688 M&R Leak
100021439350	92373 B2	BV	Greater than 60	4/12/2022	4/12/2022	102	0.014	1.428 M&R Leak
100021840884	92277 B3	BV	Greater than 60	5/3/2022	5/3/2022	123	0.014	1.722 M&R Leak
100021294876	92399 B2	BV	Greater than 60	3/10/2022	3/10/2022	69	0.014	0.966 M&R Leak
100021183136	92201 B2	BV	Greater than 60	1/12/2022	1/12/2022	12	0.014	0.168 M&R Leak
100022019689	92373 B2	BV	Greater than 60	6/17/2022	6/17/2022	168	0.014	2.352 M&R Leak
100021134015	92201 B3	BV	Greater than 60	1/20/2022	1/20/2022	20	0.014	0.28 M&R Leak
100021439762	92262 B3	BV	Greater than 60	4/7/2022	4/7/2022	97	0.014	1.358 M&R Leak
100021133936	92252 B3	BV	Greater than 60	5/3/2022	5/3/2022	123	0.014	1.722 M&R Leak
100021439602	91786 B2	BV	Greater than 60	4/8/2022	4/8/2022	98	0.014	1.372 M&R Leak
100021133738	92410 B2	BV	Greater than 60	2/22/2022	2/22/2022	53	0.014	0.742 M&R Leak
100021458096	92234 A3	BV	Greater than 60	3/3/2022	3/3/2022	62	0.014	0.868 M&R Leak
100021439768	92262 B3	BV	Greater than 60	4/7/2022	4/7/2022	97	0.014	1.358 M&R Leak
100021133932	92252 B3	BV	Greater than 60	5/3/2022	5/3/2022	123	0.014	1.722 M&R Leak
100021607280	92337 B2	BV	Greater than 60	5/16/2022	5/16/2022	136	0.014	1.904 M&R Leak
100021965774	91764 B2	BV	Greater than 60	7/13/2022	7/13/2022	194	0.014	2.716 M&R Leak
100021840883	92277 B3	BV	Greater than 60	5/3/2022	5/3/2022	123	0.014	1.722 M&R Leak
100021828383	92223 A3	BV	Greater than 60	6/8/2022	6/8/2022	159	0.014	2.226 M&R Leak
100022207607	92882 A3	BV	Greater than 60	9/20/2022	9/20/2022	263	0.014	3.682 M&R Leak
100021133884	92548 B3	BV	Greater than 60	3/5/2022	3/5/2022	64	0.014	0.896 M&R Leak
100021133880	92548 B3	BV	Greater than 60	3/5/2022	3/5/2022	64	0.014	0.896 M&R Leak
100021132342	92878 B3	BV	Greater than 60	1/8/2022	1/8/2022	101	0.014	0.112 M&R Leak
100021439610	91786 B3	BV	Greater than 60	4/11/2022	4/11/2022	8	0.014	1.414 M&R Leak
100022085778	93015 B2	BV	Greater than 60	9/19/2022	9/19/2022	262	0.014	3.668 M&R Leak
100022452702	93420 A2	BV	Greater than 60	10/17/2022	10/17/2022	290	0.014	4.06 M&R Leak
100021134292	93206 B2	BV	Greater than 60	2/3/2022	2/3/2022	34	0.014	0.476 M&R Leak
100021162371	91320 B2	BV	Greater than 60	1/6/2022	1/6/2022	6	0.014	0.084 M&R Leak
100021222115	93446 B2	BV	Greater than 60	1/21/2022	1/21/2022	21	0.014	0.294 M&R Leak
100022785042	93203 B3	BV	Greater than 60	11/9/2022	11/9/2022	313	0.014	4.382 M&R Leak
100022108359	93108 B2	BV	Greater than 60	7/7/2022	7/7/2022	188	0.014	2.632 M&R Leak
100022786757	93307 B2	BV	Greater than 60	11/9/2022	11/9/2022	313	0.014	4.382 M&R Leak
100021134600	93033 A2	BV	Greater than 60	3/18/2022	3/18/2022	77	0.014	1.078 M&R Leak
100021623341	93280 B3	BV	Greater than 60	4/5/2022	4/5/2022	95	0.014	1.33 M&R Leak
100022208563	93010 B2	BV	Greater than 60	9/7/2022	9/7/2022	250	0.014	3.5 M&R Leak
100021966366	93276 B3	BV	Greater than 60	7/11/2022	7/11/2022	192	0.014	2.688 M&R Leak
100021966372	93276 B3	BV	Greater than 60	7/11/2022	7/11/2022	192	0.014	2.688 M&R Leak
100022783687	93250 B2	BV	Greater than 60	11/9/2022	11/9/2022	313	0.014	4.382 M&R Leak
100021966276	93656 B3	BV	Greater than 60	7/19/2022	7/19/2022	200	0.014	2.8 M&R Leak
100022011909	93561 B3	BV	Greater than 60	6/14/2022	6/14/2022	165	0.014	2.31 M&R Leak
100022452930	93461 A2	BV	Greater than 60	10/10/2022	10/10/2022	283	0.014	3.962 M&R Leak
100021440835	93105 B3	BV	Greater than 60	4/22/2022	4/22/2022	112	0.014	1.568 M&R Leak
100021438917	92672 B2	BV	Greater than 60	4/13/2022	4/13/2022	103	0.014	1.442 M&R Leak
100021133291	90241 B2	BV	Greater than 60	2/14/2022	2/14/2022	45	0.014	0.63 M&R Leak
100021827749	91790 B2	BV	Greater than 60	6/7/2022	6/7/2022	158	0.014	2.212 M&R Leak
100021294241	92833 B2	BV	Greater than 60	3/15/2022	3/15/2022	74	0.014	1.036 M&R Leak
100021827690	91768 B2	BV	Greater than 60	6/8/2022	6/8/2022	159	0.014	2.226 M&R Leak
100022781025	92840 B2	BV	Greater than 60	11/8/2022	11/8/2022	312	0.014	4.368 M&R Leak
100021965308	91766 B2	BV	Greater than 60	7/15/2022	7/15/2022	196	0.014	2.744 M&R Leak
100022759498	93033 B2	BV	Greater than 60	11/3/2022	11/3/2022	307	0.014	4.298 M&R Leak
100021164683	90230 B3	BV	Greater than 60	1/7/2022	1/7/2022	7	0.014	0.098 M&R Leak
100021135461	92253 B3	C	Greater than 60	2/7/2022	2/7/2022	38	0.043	1.634 M&R Leak
100021135456	92270 B3	C	Greater than 60	2/11/2022	2/11/2022	42	0.043	1.806 M&R Leak
100021194464	92210 B3	C	Greater than 60	2/2/2022	2/2/2022	33	0.043	1.419 M&R Leak
100021135457	92211 B3	C	Greater than 60	2/7/2022	2/7/2022	38	0.043	1.634 M&R Leak
100021135455	92276 B3	C	Greater than 60	2/10/2022	2/10/2022	41	0.043	1.763 M&R Leak
100022209874	93535 B3	C	Greater than 60	9/7/2022	9/7/2022	250	0.043	10.75 M&R Leak
100021128000	91204 B3	C	Greater than 60	1/3/2022	1/3/2022	3	0.043	0.129 M&R Leak
100021831240	93010 B2	C	Greater than 60	6/29/2022	6/29/2022	180	0.043	7.74 M&R Leak
100021169600	93063 B2	C	Greater than 60	1/8/2022	1/8/2022	8	0.043	0.344 M&R Leak
100022209871	93535 B3	C	Greater than 60	9/8/2022	9/8/2022	251	0.043	10.793 M&R Leak
100020917841	91202 B2	C	Greater than 60	1/24/2022	1/24/2022	24	0.043	1.032 M&R Leak
100020917843	91202 B1	C	Greater than 60	1/19/2022	1/19/2022	19	0.043	0.817 M&R Leak
100021936308	92507 B2	R	Greater than 60	5/25/2022	5/25/2022	145	0.02	2.9 M&R Leak
100021146560	91204 B3	R	Greater than 60	1/3/2022	1/3/2022	3	0.02	0.06 M&R Leak
100020892240	91202 B1	R	Greater than 60	1/19/2022	1/19/2022	19	0.02	0.38 M&R Leak
100021169620	93063 B2	R	Greater than 60	1/8/2022	1/8/2022	8	0.02	0.16 M&R Leak
100020892219	91202 B2	R	Greater than 60	1/24/2022	1/24/2022	24	0.02	0.48 M&R Leak
100021169589	93063 B2	R	Greater than 60	1/8/2022	1/8/2022	8	0.02	0.16 M&R Leak
100021297251	91801 B1	C	Less than or equal t	3/23/2022	3/23/2022	82	0.043	3.526 M&R Leak
100021990799	B1	C	Less than or equal t	6/7/2022	6/7/2022	158	0.043	6.794 M&R Leak
100022117245	90061 B1	C	Less than or equal t	7/8/2022	7/8/2022	189	0.043	8.127 M&R Leak
100021297704	B1	C	Less than or equal t	4/1/2022	4/1/2022	91	0.043	3.913 M&R Leak
100021802086	B1	R	Less than or equal t	6/3/2022	6/3/2022	154	0.02	3.08 M&R Leak
100021240559	90032 B1	R	Less than or equal t	3/2/2022	3/2/2022	61	0.02	1.22 M&R Leak
100021439760	92278 A1	BV	Less than or equal t	4/13/2022	4/13/2022	103	0.014	1.442 M&R Leak
100021295492	90032 B1	BV	Less than or equal t	3/2/2022	3/2/2022	61	0.014	0.854 M&R Leak
100021607095	90034 B1	BV	Less than or equal t	5/9/2022	5/9/2022	129	0.014	1.806 M&R Leak
100021273771	92570 B3	C	Greater than 60	1/19/2022	1/19/2022	19	0.043	0.817 Farm Tap Leak
100021609703	93436 B2	C	Greater than 60	5/23/2022	5/23/2022	143	0.043	6.149 Farm Tap Leak
100021308084	92277 A3	O	Greater than 60	2/2/2022	2/2/2022	33	0.043	1.419 Farm Tap Leak
100021304573	92277 B3	O	Greater than 60	2/2/2022	2/2/2022	33	0.043	1.419 Farm Tap Leak
100020892751	93465 A2	O	Greater than 60	3/3/2022	3/3/2022	3	0.043	0.129 M&R Leak
100021162484	93267 A2	O	Greater than 60	1/7/2022	1/7/2022	7	0.043	0.301 M&R Leak
100020892712	93510 A3	O	Greater than 60	1/5/2022	1/5/2022	5	0.043	0.215 M&R Leak
100021322529	92234 B3	C	Greater than 60	2/7/2022	2/7/2022	38	0.043	1.634 Farm Tap Leak
100020727556	92407 B2	C	Greater than 60	1/5/2022	1/5/2022	5	0.043	0.215 Farm Tap Leak
100020918262	93307 B2	C	Greater than 60	2/23/2022	2/23/2022	54	0.043	2.322 Farm Tap Leak
100020917929	93631 A2	C	Greater than 60	1/13/2022	1/13/2022	13	0.043	0.559 Farm Tap Leak
100021194803	93215 B3	C	Greater than 60	2/15/2022	2/15/2022	46	0.043	1.978 Farm Tap Leak
100021334321	93292 A2	C	Greater than 60	2/9/2022	2/9/2022	40	0.043	1.72 Farm Tap Leak
100021136953	93286 A2	C	Greater than 60	2/7/2022	2/7/2022	38	0.043	1.634 Farm Tap Leak
100019053014	93314 A3	C	Greater than 60	1/24/2022	1/24/2022	24	0.043	1.032 Farm Tap Leak
100021390775	90272 A2	C	Greater than 60	2/22/2022	2/22/2022	53	0.043	2.279 Farm Tap Leak
100021281558	91423 A2	C	Greater than 60	1/31/2022	1/31/2022	31	0.043	1.333 Farm Tap Leak
100021148229	90210 A1	C	Less than or equal t	7/15/2022	7/15/2022	196	0.043	8.428 Farm Tap Leak
100022107187	92585 B3	C	Greater than 60	7/8/2022	7/8/2022	189	0.043	8.127 Farm Tap Leak
100022513230	93405 A3	C	Greater than 60	10/26/2022	10/26/2022	299	0.043	12.857 Farm Tap Leak
100021482372	93543 A2	C	Greater than 60	3/9/2022	3/9/2022	68	0.043	2.924 Farm Tap Leak
100022513167	93436 A3	C	Greater than 60	10/22/2022	10/22/2022	295	0.043	12.685 Farm Tap Leak
100022957710	93455 B2	C	Greater than 60	12/8/2022	12/8/2022	342	0.043	14.706 Farm Tap Leak
100021339917	93543 A3	C	Greater than 60	2/11/2022	2/11/2022	42	0.043	1.806 Farm Tap Leak
100021442053	93536 A2	C	Greater than 60	4/25/2022	4/25/2022	115	0.043	4.945 Farm Tap Leak
100021424546	93543 A2	C	Greater than 60	3/2/2022	3/2/2022	61	0.043	2.623 Farm Tap Leak
100022127543	93442 B2	C	Greater than 60	7/19/2022	7/19/2022	200	0.043	8.6 Farm Tap Leak
100021135207	90602 A2	C	Greater than 60	2/4/2022	2/4/2022	35	0.043	1.505 Farm Tap Leak
100021453774	93543 A2	BV	Greater than 60	3/2/2022	3/2/2022	61	0.014	0.854 Farm Tap Leak
100022188165	92354 A2	O	Greater than 60	9/12/2022	9/12/2022	255	0.043	10.965 M&R Leak
100022555601	92336 A2	O	Greater than 60	11/1/2022	11/1/2022	305	0.043	13.115 M&R Leak
100021242743	92373 A2	O	Greater than 60	3/12/2022	3/12/2022	71	0.043	3.053 M&R Leak
100021413681								

100022555646	92505 A2	O	Greater than 60	11/4/2022	11/4/2022	308	0.043	13.244 M&R Leak
100021242712	90065 A2	O	Greater than 60	3/10/2022	3/10/2022	69	0.043	2.967 M&R Leak
100021804167	93225 A2	O	Greater than 60	6/3/2022	6/3/2022	154	0.043	6.622 M&R Leak
100021804003	93270 A2	O	Greater than 60	6/15/2022	6/15/2022	166	0.043	7.138 M&R Leak
100021578409	93066 A2	O	Greater than 60	5/7/2022	5/7/2022	122	0.043	5.246 M&R Leak
100022389640	91301 A2	O	Greater than 60	10/5/2022	10/5/2022	278	0.043	11.954 M&R Leak
100022785068	93402 A2	O	Greater than 60	11/9/2022	11/9/2022	313	0.043	13.459 M&R Leak
100022555725	90703 A2	O	Greater than 60	11/9/2022	11/9/2022	313	0.043	13.459 M&R Leak
100021076258	92656 A2	O	Greater than 60	2/15/2022	2/15/2022	46	0.043	1.978 M&R Leak
100022389619	91107 A2	O	Greater than 60	10/12/2022	10/12/2022	285	0.043	12.255 M&R Leak
100022188067	90808 A2	O	Greater than 60	9/23/2022	9/23/2022	266	0.043	11.438 M&R Leak
100022389537	92704 A2	O	Greater than 60	10/4/2022	10/4/2022	277	0.043	11.911 M&R Leak
100022101432	92833 A2	O	Greater than 60	7/6/2022	7/6/2022	187	0.043	8.041 M&R Leak
100022059164	91755 A2	O	Greater than 60	8/3/2022	8/3/2022	215	0.043	9.245 M&R Leak
100022836940	90703 A2	O	Greater than 60	11/21/2022	11/21/2022	325	0.043	13.975 M&R Leak
100022232059	90703 A2	O	Greater than 60	8/16/2022	8/16/2022	228	0.043	9.804 M&R Leak
100021945234	91791 A2	O	Greater than 60	7/18/2022	7/18/2022	189	0.043	8.127 M&R Leak
100022555765	92618 A2	O	Greater than 60	11/7/2022	11/7/2022	311	0.043	13.373 M&R Leak
100020892777	90740 A2	O	Greater than 60	1/6/2022	1/6/2022	6	0.043	0.258 M&R Leak
100021945303	92603 A2	O	Greater than 60	7/11/2022	7/11/2022	192	0.043	8.256 M&R Leak
100021804145	90265 A2	O	Greater than 60	6/13/2022	6/13/2022	164	0.043	7.052 M&R Leak
100022555595	93536 A2	O	Greater than 60	11/4/2022	11/4/2022	308	0.043	13.244 M&R Leak
100023080564	91350 A2	O	Greater than 60	12/27/2022	12/27/2022	361	0.043	15.523 M&R Leak
100022709076	91105 A2	O	Greater than 60	10/25/2022	10/25/2022	298	0.043	12.814 M&R Leak
100021578906	92676 A2	O	Greater than 60	5/9/2022	5/9/2022	129	0.043	5.547 M&R Leak
100021878782	91799 A3	O	Greater than 60	5/16/2022	5/16/2022	136	0.043	5.848 M&R Leak
100022855718	92577 A3	O	Greater than 60	11/2/2022	11/2/2022	307	0.043	13.201 M&R Leak
100022555721	92506 A3	O	Greater than 60	11/1/2022	11/1/2022	305	0.043	13.115 M&R Leak
100022154379	93609 A3	O	Greater than 60	7/22/2022	7/22/2022	203	0.043	8.729 M&R Leak
100022389717	93420 A3	O	Greater than 60	10/14/2022	10/14/2022	287	0.043	12.341 M&R Leak
100021804168	93263 A3	O	Greater than 60	6/3/2022	6/3/2022	154	0.043	6.622 M&R Leak
100022612311	92354 A2	C	Greater than 60	10/6/2022	10/6/2022	279	0.043	11.997 Farm Tap Leak
100021955593	91706 B2	C	Greater than 60	5/30/2022	5/30/2022	150	0.043	6.45 Farm Tap Leak
100021136010	92407 A3	C	Greater than 60	4/28/2022	4/28/2022	118	0.043	5.074 Farm Tap Leak
100022588553	92407 B2	C	Greater than 60	11/15/2022	11/15/2022	319	0.043	13.717 Farm Tap Leak
100021281235	92582 B3	C	Greater than 60	9/18/2022	9/18/2022	39	0.043	1.677 Farm Tap Leak
100021148238	92374 A2	C	Greater than 60	12/28/2022	12/28/2022	362	0.043	15.566 Farm Tap Leak
100022742538	92256 B3	C	Greater than 60	12/1/2022	12/1/2022	336	0.043	14.448 Farm Tap Leak
100021297120	92883 A3	C	Greater than 60	8/15/2022	8/15/2022	227	0.043	9.761 Farm Tap Leak
100022567898	92399 B2	C	Greater than 60	9/30/2022	9/30/2022	273	0.043	11.739 Farm Tap Leak
100021147460	92243 A3	C	Greater than 60	3/12/2022	3/12/2022	71	0.043	3.053 Farm Tap Leak
100021297133	92256 B3	C	Greater than 60	3/15/2022	3/15/2022	74	0.043	3.182 Farm Tap Leak
100021967855	92507 B2	C	Greater than 60	8/11/2022	8/11/2022	223	0.043	9.589 Farm Tap Leak
100021830781	92407 B2	C	Greater than 60	7/27/2022	7/27/2022	208	0.043	8.944 Farm Tap Leak
100022742518	92346 B2	C	Greater than 60	12/15/2022	12/15/2022	349	0.043	15.007 Farm Tap Leak
100022857295	91702 A2	C	Greater than 60	12/6/2022	12/6/2022	340	0.043	14.62 Farm Tap Leak
100022209545	92284 B3	C	Greater than 60	9/20/2022	9/20/2022	263	0.043	11.309 Farm Tap Leak
100022209523	92374 B2	C	Greater than 60	10/27/2022	10/27/2022	300	0.043	12.9 Farm Tap Leak
100022454249	92408 A2	C	Greater than 60	10/31/2022	10/31/2022	304	0.043	13.072 Farm Tap Leak
100021609517	92408 A2	C	Greater than 60	7/23/2022	7/23/2022	204	0.043	8.772 Farm Tap Leak
100022742774	92258 A3	C	Greater than 60	12/1/2022	12/1/2022	335	0.043	14.405 Farm Tap Leak
100021302440	92555 A3	C	Greater than 60	1/31/2022	1/31/2022	31	0.043	1.333 Farm Tap Leak
100021148522	92408 A2	C	Greater than 60	12/6/2022	12/6/2022	340	0.043	14.62 Farm Tap Leak
100021441864	92335 B2	C	Greater than 60	5/26/2022	5/26/2022	146	0.043	6.278 Farm Tap Leak
100021297131	92256 B3	C	Greater than 60	3/15/2022	3/15/2022	74	0.043	3.182 Farm Tap Leak
100021551916	91706 A2	C	Greater than 60	3/24/2022	3/24/2022	83	0.043	3.569 Farm Tap Leak
100021609539	92384 A3	C	Greater than 60	5/9/2022	5/9/2022	129	0.043	5.547 Farm Tap Leak
100022742513	92376 A2	C	Greater than 60	12/19/2022	12/19/2022	353	0.043	15.179 Farm Tap Leak
100022454290	92260 A2	C	Greater than 60	10/3/2022	10/3/2022	276	0.043	11.868 Farm Tap Leak
100021820199	92374 B2	C	Greater than 60	5/2/2022	5/2/2022	122	0.043	5.246 Farm Tap Leak
100021507829	92407 A2	C	Greater than 60	6/29/2022	6/29/2022	180	0.043	7.74 Farm Tap Leak
100020917548	92503 B3	C	Greater than 60	9/28/2022	9/28/2022	271	0.043	11.653 Farm Tap Leak
100021002737	92878 B3	C	Greater than 60	6/25/2022	6/25/2022	176	0.043	7.568 Farm Tap Leak
100021441873	92324 A2	C	Greater than 60	8/11/2022	8/11/2022	223	0.043	9.589 Farm Tap Leak
100021136048	92407 B2	C	Greater than 60	10/27/2022	10/27/2022	300	0.043	12.9 Farm Tap Leak
100021627694	91773 B2	C	Greater than 60	4/13/2022	4/13/2022	103	0.043	4.429 Farm Tap Leak
100022715350	92411 A2	C	Greater than 60	10/26/2022	10/26/2022	291	0.043	12.857 Farm Tap Leak
100022976877	92504 A3	C	Greater than 60	12/9/2022	12/9/2022	343	0.043	14.749 Farm Tap Leak
100021297729	92260 B2	C	Greater than 60	3/17/2022	3/17/2022	76	0.043	3.268 Farm Tap Leak
100022454279	92256 B3	C	Greater than 60	10/3/2022	10/3/2022	276	0.043	11.868 Farm Tap Leak
100021441914	92284 B3	C	Greater than 60	4/25/2022	4/25/2022	115	0.043	4.945 Farm Tap Leak
100020727568	92507 B2	C	Greater than 60	1/27/2022	1/27/2022	27	0.043	1.161 Farm Tap Leak
100022454233	92313 A2	C	Greater than 60	10/27/2022	10/27/2022	300	0.043	12.9 Farm Tap Leak
100022961868	91706 A2	C	Greater than 60	12/29/2022	12/29/2022	363	0.043	15.609 Farm Tap Leak
100020727548	92324 B2	C	Greater than 60	1/28/2022	1/28/2022	28	0.043	1.204 Farm Tap Leak
100021262464	92234 B2	C	Greater than 60	3/24/2022	3/24/2022	83	0.043	3.569 Farm Tap Leak
100022129740	92405 B3	C	Greater than 60	10/19/2022	10/19/2022	291	0.043	12.519 Farm Tap Leak
100022243615	92509 A2	C	Greater than 60	8/12/2022	8/12/2022	224	0.043	9.632 Farm Tap Leak
100021297758	92240 B3	C	Greater than 60	3/23/2022	3/23/2022	82	0.043	3.526 Farm Tap Leak
100022375688	92509 B2	C	Greater than 60	12/27/2022	12/27/2022	361	0.043	15.523 Farm Tap Leak
100022086903	92284 B3	C	Greater than 60	8/10/2022	8/10/2022	222	0.043	9.546 Farm Tap Leak
100022962622	92411 A2	C	Greater than 60	12/7/2022	12/7/2022	341	0.043	14.663 Farm Tap Leak
100014444915	92562 B3	C	Greater than 60	9/20/2022	9/20/2022	263	0.043	11.309 Farm Tap Leak
100021297843	92241 B3	C	Greater than 60	3/24/2022	3/24/2022	83	0.043	3.569 Farm Tap Leak
100021831507	92373 B3	C	Greater than 60	6/30/2022	6/30/2022	181	0.043	7.783 Farm Tap Leak
100021135473	92408 B2	C	Greater than 60	7/23/2022	7/23/2022	204	0.043	8.772 Farm Tap Leak
100021494011	92381 A3	C	Greater than 60	3/21/2022	3/21/2022	80	0.043	3.44 Farm Tap Leak
100021332932	92234 B3	C	Greater than 60	3/28/2022	3/28/2022	87	0.043	3.741 Farm Tap Leak
100022588660	92584 A3	C	Greater than 60	11/9/2022	11/9/2022	313	0.043	13.459 Farm Tap Leak
100021148377	91761 A2	C	Greater than 60	12/5/2022	12/5/2022	339	0.043	14.577 Farm Tap Leak
100022209552	92252 B3	C	Greater than 60	9/27/2022	9/27/2022	270	0.043	11.61 Farm Tap Leak
100021214257	92373 A2	C	Greater than 60	1/20/2022	1/20/2022	20	0.043	0.86 Farm Tap Leak
100021967875	92545 A3	C	Greater than 60	7/5/2022	7/5/2022	186	0.043	7.998 Farm Tap Leak
100021830815	92277 B3	C	Greater than 60	6/10/2022	6/10/2022	161	0.043	6.923 Farm Tap Leak
100021207947	91706 A2	C	Greater than 60	3/24/2022	3/24/2022	83	0.043	3.569 Farm Tap Leak
100022454251	92407 B2	C	Greater than 60	10/31/2022	10/31/2022	304	0.043	13.072 Farm Tap Leak
100022742522	92374 B2	C	Greater than 60	12/19/2022	12/19/2022	353	0.043	15.179 Farm Tap Leak
100022224741	92252 B3	C	Greater than 60	8/29/2022	8/29/2022	241	0.043	10.363 Farm Tap Leak
100022454262	91764 B2	C	Greater than 60	11/1/2022	11/1/2022	305	0.043	13.115 Farm Tap Leak
100022742530	92582 A3	C	Greater than 60	12/9/2022	12/9/2022	343	0.043	14.749 Farm Tap Leak
100022454285	92252 B3	C	Greater than 60	10/4/2022	10/4/2022	277	0.043	11.911 Farm Tap Leak
100021497630	92284 B3	C	Greater than 60	3/21/2022	3/21/2022	80	0.043	3.44 Farm Tap Leak
100021153467	92234 B3	C	Greater than 60	4/25/2022	4/25/2022	115	0.043	4.945 Farm Tap Leak
100021609528	92320 A2	C	Greater than 60	8/12/2022	8/12/2022	224	0.043	9.632 Farm Tap Leak
100022978875	92508 A2	C	Greater than 60	12/29/2022	12/29/2022	363	0.043	15.609 Farm Tap Leak
100021857092	92506 A2	C	Greater than 60	5/9/2022	5/9/2022	129	0.043	5.547 Farm Tap Leak
100021174944	92251 A3	C	Greater than 60	1/21/2022	1/21/2022	21	0.043	0.903 Farm Tap Leak
100022042057	92590 B3	C	Greater than 60	7/12/2022	7/12/2022	193	0.043	8.299 Farm Tap Leak
100021830800	92530 B3	C	Greater than 60	6/9/2022	6/9/2022	160	0.043	6.88 Farm Tap Leak
100022945107	92504 B3	C	Greater than 60	12/27/2022	12/27/2022	361	0.043	15.523 Farm Tap Leak
100022454263	92879 A3	C	Greater than 60	10/7/2022	10/7/2022	280	0.043	12.04 Farm Tap Leak
100021148302	92373 A2	C	Greater than 60	12/6/2022	12/6/2022	340	0.043	14.62 Farm Tap Leak
100022742510	92372 A2	C	Greater than 60	12/29/2022	12/29/2022	363	0.043	15.609 Farm Tap Leak
100022805736	93311 A3	C	Greater than 60</					

100022087169	93250 B2	C	Greater than 60	8/19/2022	8/19/2022	231	0.043	9.933 Farm Tap Leak
100021442087	93654 A2	C	Greater than 60	3/21/2022	3/21/2022	80	0.043	3.44 Farm Tap Leak
100021153463	93435 B3	C	Greater than 60	1/7/2022	1/7/2022	7	0.043	0.301 Farm Tap Leak
100022753391	93221 A2	C	Greater than 60	11/2/2022	11/2/2022	306	0.043	13.158 Farm Tap Leak
100022588433	93543 A2	C	Greater than 60	11/7/2022	11/7/2022	311	0.043	13.373 Farm Tap Leak
93609 A3		C	Greater than 60	4/13/2022	4/13/2022	103	0.043	4.429 Farm Tap Leak
100022588464	93654 A2	C	Greater than 60	11/1/2022	11/1/2022	305	0.043	13.115 Farm Tap Leak
100021968479	93654 A2	C	Greater than 60	8/26/2022	8/26/2022	238	0.043	10.234 Farm Tap Leak
100022513239	93221 A2	C	Greater than 60	11/7/2022	11/7/2022	311	0.043	13.373 Farm Tap Leak
100022454415	93543 B2	C	Greater than 60	10/24/2022	10/24/2022	297	0.043	12.771 Farm Tap Leak
100022087540	93021 B2	C	Greater than 60	9/23/2022	9/23/2022	266	0.043	11.438 Farm Tap Leak
100021303654	93257 A2	C	Greater than 60	1/27/2022	1/27/2022	27	0.043	1.161 Farm Tap Leak
100021609708	93401 A3	C	Greater than 60	5/4/2022	5/4/2022	124	0.043	5.332 Farm Tap Leak
100021442622	93065 B2	C	Greater than 60	4/8/2022	4/8/2022	98	0.043	4.214 Farm Tap Leak
100021357553	93256 A3	C	Greater than 60	2/15/2022	2/15/2022	46	0.043	1.978 Farm Tap Leak
100021442194	93203 A3	C	Greater than 60	4/4/2022	4/4/2022	94	0.043	4.042 Farm Tap Leak
100022742578	93551 B2	C	Greater than 60	12/6/2022	12/6/2022	340	0.043	14.62 Farm Tap Leak
100022835145	93536 A2	C	Greater than 60	12/5/2022	12/5/2022	329	0.043	14.577 Farm Tap Leak
100021609743	93230 B2	C	Greater than 60	5/9/2022	5/9/2022	139	0.043	5.547 Farm Tap Leak
100021968464	93277 B2	C	Greater than 60	7/26/2022	7/26/2022	207	0.043	8.901 Farm Tap Leak
100022757586	93274 B3	C	Greater than 60	12/6/2022	12/6/2022	340	0.043	14.62 Farm Tap Leak
100022503052	93225 A2	C	Greater than 60	9/13/2022	9/13/2022	256	0.043	11.008 Farm Tap Leak
100022746313	93286 A2	C	Greater than 60	11/1/2022	11/1/2022	305	0.043	13.115 Farm Tap Leak
100022087065	93535 A3	C	Greater than 60	10/13/2022	10/13/2022	286	0.043	12.298 Farm Tap Leak
100021375892	93442 B2	C	Greater than 60	2/17/2022	2/17/2022	48	0.043	2.064 Farm Tap Leak
100021989386	93706 B3	C	Greater than 60	6/4/2022	6/4/2022	155	0.043	6.665 Farm Tap Leak
100021148042	93561 A2	C	Greater than 60	11/29/2022	11/29/2022	323	0.043	14.519 Farm Tap Leak
100021147861	93225 A2	C	Greater than 60	4/27/2022	4/27/2022	117	0.043	5.031 Farm Tap Leak
100022087192	93225 A2	C	Greater than 60	8/2/2022	8/2/2022	214	0.043	9.202 Farm Tap Leak
100021147472	93616 A2	C	Greater than 60	2/10/2022	2/10/2022	41	0.043	1.763 Farm Tap Leak
100022939221	93458 A2	C	Greater than 60	12/20/2022	12/20/2022	354	0.043	15.222 Farm Tap Leak
100022195864	93215 A3	C	Greater than 60	7/29/2022	7/29/2022	210	0.043	9.03 Farm Tap Leak
100022454769	93225 B2	C	Greater than 60	10/20/2022	10/20/2022	293	0.043	12.599 Farm Tap Leak
100014373721	93307 A2	C	Greater than 60	3/23/2022	3/23/2022	82	0.043	3.526 Farm Tap Leak
100022537515	93230 B2	C	Greater than 60	9/22/2022	9/22/2022	265	0.043	11.395 Farm Tap Leak
100021777826	93422 B2	C	Greater than 60	4/27/2022	4/27/2022	117	0.043	5.031 Farm Tap Leak
100021442626	93463 B3	C	Greater than 60	6/22/2022	6/22/2022	173	0.043	7.439 Farm Tap Leak
100022786278	93230 A2	C	Greater than 60	11/9/2022	11/9/2022	313	0.043	13.459 Farm Tap Leak
100021148041	93256 A3	C	Greater than 60	2/22/2022	2/22/2022	53	0.043	2.279 Farm Tap Leak
100021354888	93609 A2	C	Greater than 60	3/16/2022	3/16/2022	75	0.043	3.225 Farm Tap Leak
100021379700	93291 A2	C	Greater than 60	2/18/2022	2/18/2022	49	0.043	2.107 Farm Tap Leak
100021968430	93609 B2	C	Greater than 60	7/28/2022	7/28/2022	209	0.043	8.987 Farm Tap Leak
100022013189	93656 A3	C	Greater than 60	7/1/2022	7/1/2022	182	0.043	7.826 Farm Tap Leak
100021333876	93292 B2	C	Greater than 60	2/9/2022	2/9/2022	40	0.043	1.72 Farm Tap Leak
100022649360	93256 A3	C	Greater than 60	11/3/2022	11/3/2022	307	0.043	13.201 Farm Tap Leak
100022715504	93272 A3	C	Greater than 60	10/25/2022	10/25/2022	298	0.043	12.814 Farm Tap Leak
100022209727	93654 B2	C	Greater than 60	9/28/2022	9/28/2022	271	0.043	11.653 Farm Tap Leak
100021442088	93654 A2	C	Greater than 60	3/22/2022	3/22/2022	81	0.043	3.483 Farm Tap Leak
100022633049	93270 A2	C	Greater than 60	10/12/2022	10/12/2022	285	0.043	12.255 Farm Tap Leak
100022656047	93656 A3	C	Greater than 60	10/17/2022	10/17/2022	290	0.043	12.47 Farm Tap Leak
100021831516	93252 A3	C	Greater than 60	6/1/2022	6/1/2022	152	0.043	6.536 Farm Tap Leak
100021304182	93422 A3	C	Greater than 60	2/1/2022	2/1/2022	32	0.043	1.376 Farm Tap Leak
100021148520	93256 A3	C	Greater than 60	2/24/2022	2/24/2022	55	0.043	2.365 Farm Tap Leak
100021553695	93257 B3	C	Greater than 60	3/25/2022	3/25/2022	84	0.043	3.612 Farm Tap Leak
100021442577	93656 A3	C	Greater than 60	4/20/2022	4/20/2022	110	0.043	4.73 Farm Tap Leak
100021147934	93221 A2	C	Greater than 60	10/11/2022	10/11/2022	284	0.043	12.212 Farm Tap Leak
100022588493	93250 B2	C	Greater than 60	11/3/2022	11/3/2022	307	0.043	13.201 Farm Tap Leak
100021306672	93444 B2	C	Greater than 60	7/28/2022	7/28/2022	209	0.043	8.987 Farm Tap Leak
100022783816	93311 A3	C	Greater than 60	11/14/2022	11/14/2022	318	0.043	13.674 Farm Tap Leak
100021299032	93401 A3	C	Greater than 60	3/30/2022	3/30/2022	89	0.043	3.827 Farm Tap Leak
100022588667	93446 A3	C	Greater than 60	11/28/2022	11/28/2022	332	0.043	14.276 Farm Tap Leak
100022454854	93535 B3	C	Greater than 60	10/21/2022	10/21/2022	294	0.043	12.642 Farm Tap Leak
100022602865	93286 A2	C	Greater than 60	10/3/2022	10/3/2022	276	0.043	11.868 Farm Tap Leak
100021297718	93510 A2	C	Greater than 60	3/8/2022	3/8/2022	67	0.043	2.881 Farm Tap Leak
100021831146	93252 A3	C	Greater than 60	6/2/2022	6/2/2022	153	0.043	6.579 Farm Tap Leak
100022736482	93647 B2	C	Greater than 60	10/31/2022	10/31/2022	304	0.043	13.072 Farm Tap Leak
100021831546	93430 B3	C	Greater than 60	9/16/2022	9/16/2022	259	0.043	11.137 Farm Tap Leak
100021609799	93249 A3	C	Greater than 60	5/16/2022	5/16/2022	136	0.043	5.848 Farm Tap Leak
100021831093	93212 A3	C	Greater than 60	7/20/2022	7/20/2022	201	0.043	8.643 Farm Tap Leak
100021831556	93436 A3	C	Greater than 60	10/3/2022	10/3/2022	276	0.043	11.868 Farm Tap Leak
100020570306	93272 A2	C	Greater than 60	2/17/2022	2/17/2022	48	0.043	2.064 Farm Tap Leak
100022649363	93274 A3	C	Greater than 60	11/3/2022	11/3/2022	307	0.043	13.201 Farm Tap Leak
100022087520	93263 A3	C	Greater than 60	8/2/2022	8/2/2022	214	0.043	9.202 Farm Tap Leak
100022690577	93274 B3	C	Greater than 60	10/20/2022	10/20/2022	293	0.043	12.599 Farm Tap Leak
100021610067	93230 B2	C	Greater than 60	5/11/2022	5/11/2022	131	0.043	5.633 Farm Tap Leak
100021148137	93270 A2	C	Greater than 60	7/14/2022	7/14/2022	195	0.043	8.285 Farm Tap Leak
100021188701	93250 A2	C	Greater than 60	11/3/2022	11/3/2022	307	0.043	13.201 Farm Tap Leak
100022588700	93256 A3	C	Greater than 60	11/3/2022	11/3/2022	307	0.043	13.201 Farm Tap Leak
100021297756	93314 A3	C	Greater than 60	3/23/2022	3/23/2022	82	0.043	3.526 Farm Tap Leak
100022222829	93263 A3	C	Greater than 60	8/12/2022	8/12/2022	224	0.043	9.632 Farm Tap Leak
100021147725	93256 A3	C	Greater than 60	2/22/2022	2/22/2022	53	0.043	2.279 Farm Tap Leak
100022588686	91011 A2	C	Greater than 60	11/21/2022	11/21/2022	325	0.043	13.975 Farm Tap Leak
100022690407	93286 A2	C	Greater than 60	11/7/2022	11/7/2022	311	0.043	13.373 Farm Tap Leak
100022502386	93662 A2	C	Greater than 60	9/12/2022	9/12/2022	255	0.043	10.965 Farm Tap Leak
100021536994	93257 B2	C	Greater than 60	3/25/2022	3/25/2022	84	0.043	3.612 Farm Tap Leak
100022848449	93280 A2	C	Greater than 60	9/7/2022	9/7/2022	250	0.043	10.75 Farm Tap Leak
100020701049	93656 A1	C	Greater than 60	6/29/2022	6/29/2022	180	0.043	7.74 Farm Tap Leak
100022910517	93265 A2	C	Greater than 60	11/30/2022	11/30/2022	334	0.043	14.362 Farm Tap Leak
100022454848	93446 A3	C	Greater than 60	10/22/2022	10/22/2022	295	0.043	12.685 Farm Tap Leak
100021442594	93060 A2	C	Greater than 60	5/5/2022	5/5/2022	125	0.043	5.375 Farm Tap Leak
100021442624	93021 A2	C	Greater than 60	5/6/2022	5/6/2022	126	0.043	5.418 Farm Tap Leak
100022087180	93308 A2	C	Greater than 60	8/15/2022	8/15/2022	227	0.043	9.761 Farm Tap Leak
100021968063	93245 B3	C	Greater than 60	7/27/2022	7/27/2022	208	0.043	8.944 Farm Tap Leak
100022742637	A3	C	Greater than 60	12/21/2022	12/21/2022	355	0.043	15.265 Farm Tap Leak
100022742754	93314 A3	C	Greater than 60	12/21/2022	12/21/2022	355	0.043	15.265 Farm Tap Leak
100021147729	93225 A2	C	Greater than 60	2/28/2022	2/28/2022	59	0.043	2.537 Farm Tap Leak
100021147617	93280 A2	C	Greater than 60	5/19/2022	5/19/2022	139	0.043	5.977 Farm Tap Leak
100022649367	93292 A2	C	Greater than 60	11/14/2022	11/14/2022	318	0.043	13.674 Farm Tap Leak
100021442085	93647 B2	C	Greater than 60	4/12/2022	4/12/2022	102	0.043	4.386 Farm Tap Leak
100021148196	93250 A2	C	Greater than 60	2/28/2022	2/28/2022	59	0.043	2.537 Farm Tap Leak
100021148024	93561 A2	C	Greater than 60	11/29/2022	11/29/2022	333	0.043	14.319 Farm Tap Leak
100022087566	93225 B2	C	Greater than 60	8/3/2022	8/3/2022	215	0.043	9.245 Farm Tap Leak
100021831013	93065 A2	C	Greater than 60	7/14/2022	7/14/2022	195	0.043	8.385 Farm Tap Leak
100022210005	93662 B3	C	Greater than 60	9/21/2022	9/21/2022	264	0.043	11.352 Farm Tap Leak
100022939222	93458 B2	C	Greater than 60	12/20/2022	12/20/2022	354	0.043	15.222 Farm Tap Leak
100021442590	93654 A2	C	Greater than 60	3/21/2022	3/21/2022	80	0.043	3.44 Farm Tap Leak
100021442587	93656 A3	C	Greater than 60	4/19/2022	4/19/2022	109	0.043	4.687 Farm Tap Leak
100021507827	92629 A2	C	Greater than 60	4/25/2022	4/25/2022	115	0.043	4.945 Farm Tap Leak
100021247196	92683 A2	C	Greater than 60	1/24/2022	1/24/2022	24	0.043	1.032 Farm Tap Leak
100022588180	92833 A2	C	Greater than 60	11/15/2022	11/15/2022	319	0.043	13.717 Farm Tap Leak
100021296609	92618 B2	C	Greater than 60	3/17/2022	3/17/2022	76	0.043	3.268 Farm Tap Leak
100022588176	92683 A2	C	Greater than 60	11/29/2022	11/29/2022	333	0.043	14.319 Farm Tap Leak
100022453996	91016 A2	C	Greater than 60	10/6/2022	10/6/2022	279	0.043	11.997 Farm Tap Leak
100022936638	92021 A1	C	Greater than 60	12/4/2022	12/4/2022	338	0.043	14.534 Farm Tap Leak
100021218639	92683 B							

100022453991	90621 A2	C	Greater than 60	11/15/2022	11/15/2022	319	0.043	13.717 Farm Tap Leak
100021525330	92618 B2	C	Greater than 60	3/17/2022	3/17/2022	76	0.043	3.268 Farm Tap Leak
100021192067	90242 A2	C	Greater than 60	1/14/2022	1/14/2022	14	0.043	0.602 Farm Tap Leak
100022588178	90621 A2	C	Greater than 60	11/14/2022	11/14/2022	318	0.043	13.674 Farm Tap Leak
100021248800	90670 A1	C	Greater than 60	1/24/2022	1/24/2022	24	0.043	1.032 Farm Tap Leak
100021525143	91768 A2	C	Greater than 60	3/22/2022	3/22/2022	81	0.043	3.483 Farm Tap Leak
100022393452	90036 A2	C	Greater than 60	8/29/2022	8/29/2022	241	0.043	10.363 Farm Tap Leak
100022004031	90040 A1	C	Greater than 60	6/9/2022	6/9/2022	160	0.043	6.88 Farm Tap Leak
100022087525	90077 A2	C	Greater than 60	8/5/2022	8/5/2022	217	0.043	9.331 Farm Tap Leak
100022723782	90265 A2	C	Greater than 60	11/28/2022	11/28/2022	332	0.043	14.276 Farm Tap Leak
100022505665	90272 A2	C	Greater than 60	9/14/2022	9/14/2022	257	0.043	11.051 Farm Tap Leak
100021148150	90210 A2	C	Greater than 60	9/29/2022	9/29/2022	272	0.043	11.696 Farm Tap Leak
100023083191	90077 A2	C	Greater than 60	12/27/2022	12/27/2022	361	0.043	15.523 Farm Tap Leak
100021591469	90265 A2	C	Greater than 60	4/6/2022	4/6/2022	96	0.043	4.128 Farm Tap Leak
100021610145	90040 A1	C	Greater than 60	9/30/2022	9/30/2022	273	0.043	11.739 Farm Tap Leak
100021855931	90265 A2	C	Greater than 60	5/6/2022	5/6/2022	126	0.043	5.418 Farm Tap Leak
100022087519	90210 A2	C	Greater than 60	8/5/2022	8/5/2022	217	0.043	9.331 Farm Tap Leak
100021148151	90210 A2	C	Greater than 60	9/29/2022	9/29/2022	272	0.043	11.696 Farm Tap Leak
100022454164	90249 A2	C	Greater than 60	11/14/2022	11/14/2022	318	0.043	13.674 Farm Tap Leak
100022011904	90265 B2	C	Greater than 60	6/15/2022	6/15/2022	166	0.043	7.138 Farm Tap Leak
100021148549	90210 A2	C	Greater than 60	6/28/2022	6/28/2022	179	0.043	7.697 Farm Tap Leak
100022721090	90265 B2	C	Greater than 60	10/27/2022	10/27/2022	300	0.043	12.9 Farm Tap Leak
100022588672	90046 A2	C	Greater than 60	12/16/2022	12/16/2022	350	0.043	15.05 Farm Tap Leak
100021610159	90040 A1	C	Greater than 60	11/21/2022	11/21/2022	325	0.043	13.975 Farm Tap Leak
100022753491	90069 A2	C	Greater than 60	11/3/2022	11/3/2022	307	0.043	13.201 Farm Tap Leak
100022757531	90069 A2	C	Greater than 60	12/9/2022	12/9/2022	343	0.043	14.249 Farm Tap Leak
100022545967	90040 A1	C	Greater than 60	10/22/2022	10/22/2022	295	0.043	11.685 Farm Tap Leak
100022742767	90046 A2	C	Greater than 60	11/29/2022	11/29/2022	333	0.043	14.319 Farm Tap Leak
100021148225	90210 A2	C	Greater than 60	7/28/2022	7/28/2022	209	0.043	8.987 Farm Tap Leak
100021777824	90265 A2	C	Greater than 60	11/30/2022	11/30/2022	334	0.043	14.362 Farm Tap Leak
100021148581	90210 A2	C	Greater than 60	6/30/2022	6/30/2022	181	0.043	7.783 Farm Tap Leak
100021148204	90210 A2	C	Greater than 60	6/27/2022	6/27/2022	178	0.043	7.654 Farm Tap Leak
100019530429	90210 A2	C	Greater than 60	12/13/2022	12/13/2022	347	0.043	14.921 Farm Tap Leak
100021147527	91423 A2	C	Greater than 60	7/1/2022	7/1/2022	182	0.043	7.826 Farm Tap Leak
100021147474	90210 A2	C	Greater than 60	11/2/2022	11/2/2022	306	0.043	13.158 Farm Tap Leak
100021147522	91423 A2	C	Greater than 60	6/30/2022	6/30/2022	181	0.043	7.783 Farm Tap Leak
100021148270	90036 A2	C	Greater than 60	6/28/2022	6/28/2022	179	0.043	7.697 Farm Tap Leak
100021148528	90069 A2	C	Greater than 60	8/10/2022	8/10/2022	222	0.043	9.546 Farm Tap Leak
100022903366	90265 A2	C	Greater than 60	11/29/2022	11/29/2022	333	0.043	14.319 Farm Tap Leak
100021148223	90210 A2	C	Greater than 60	10/20/2022	10/20/2022	293	0.043	12.599 Farm Tap Leak
100021875745	90265 A2	C	Greater than 60	5/12/2022	5/12/2022	132	0.043	5.676 Farm Tap Leak
100022588648	90040 A2	C	Greater than 60	12/8/2022	12/8/2022	342	0.043	14.706 Farm Tap Leak
100021333516	92582 B3	R	Greater than 60	2/9/2022	2/9/2022	40	0.02	0.8 Farm Tap Leak
100021586644	92234 B3	R	Greater than 60	3/28/2022	3/28/2022	87	0.02	1.74 Farm Tap Leak
100022962623	92411 A2	R	Greater than 60	12/7/2022	12/7/2022	341	0.02	6.82 Farm Tap Leak
100022704430	93280 A3	R	Greater than 60	12/21/2022	12/21/2022	355	0.02	7.1 Farm Tap Leak
100021197058	93401 A3	R	Greater than 60	3/30/2022	3/30/2022	89	0.02	1.78 Farm Tap Leak
100021197056	93401 A3	R	Greater than 60	3/30/2022	3/30/2022	89	0.02	1.78 Farm Tap Leak
100022020657	93307 B2	R	Greater than 60	8/31/2022	8/31/2022	243	0.02	4.86 Farm Tap Leak
100022343382	92647 A2	R	Greater than 60	4/21/2022	4/21/2022	111	0.02	2.22 Farm Tap Leak
100022343384	92647 A2	R	Greater than 60	4/21/2022	4/21/2022	111	0.02	2.22 Farm Tap Leak
100022045789	92705 A2	R	Greater than 60	8/24/2022	8/24/2022	236	0.02	4.72 Farm Tap Leak
100022343381	92647 A2	R	Greater than 60	4/21/2022	4/21/2022	111	0.02	2.22 Farm Tap Leak
100022343383	92647 A2	R	Greater than 60	4/21/2022	4/21/2022	111	0.02	2.22 Farm Tap Leak
100022343385	92647 A2	R	Greater than 60	4/21/2022	4/21/2022	111	0.02	2.22 Farm Tap Leak
100022405460	90036 A2	R	Greater than 60	8/29/2022	8/29/2022	241	0.02	4.82 Farm Tap Leak
100021828553	93254 A3	BV	Greater than 60	8/24/2022	8/24/2022	236	0.014	3.804 Farm Tap Leak
100022741774	92160 A2	BV	Greater than 60	12/1/2022	12/1/2022	335	0.014	4.69 Farm Tap Leak
100022137617	92399 B2	BV	Greater than 60	7/18/2022	7/18/2022	199	0.014	2.786 Farm Tap Leak
100021608729	92404 B2	BV	Greater than 60	7/22/2022	7/22/2022	203	0.014	2.842 Farm Tap Leak
100021296201	92405 B2	BV	Greater than 60	10/18/2022	10/18/2022	291	0.014	4.074 Farm Tap Leak
100021439875	92324 A2	BV	Greater than 60	8/11/2022	8/11/2022	223	0.014	3.122 Farm Tap Leak
100021535377	91706 A2	BV	Greater than 60	3/24/2022	3/24/2022	83	0.014	1.162 Farm Tap Leak
100021296204	92405 B2	BV	Greater than 60	10/18/2022	10/18/2022	291	0.014	4.074 Farm Tap Leak
100021829904	92373 B3	BV	Greater than 60	6/30/2022	6/30/2022	181	0.014	2.534 Farm Tap Leak
100022956026	91702 A2	BV	Greater than 60	12/6/2022	12/6/2022	340	0.014	4.76 Farm Tap Leak
100022955027	91702 A2	BV	Greater than 60	12/6/2022	12/6/2022	340	0.014	4.76 Farm Tap Leak
100021376187	93442 B2	BV	Greater than 60	2/17/2022	2/17/2022	48	0.014	0.672 Farm Tap Leak
100021441144	93021 A2	BV	Greater than 60	5/6/2022	5/6/2022	126	0.014	1.764 Farm Tap Leak
100022947300	93536 A2	BV	Greater than 60	12/5/2022	12/5/2022	339	0.014	4.746 Farm Tap Leak
100022343388	92647 A2	BV	Greater than 60	4/21/2022	4/21/2022	111	0.014	1.554 Farm Tap Leak
100022452348	90249 A2	BV	Greater than 60	11/14/2022	11/14/2022	318	0.014	4.452 Farm Tap Leak
100022452351	90249 A2	BV	Greater than 60	11/14/2022	11/14/2022	318	0.014	4.452 Farm Tap Leak
100021608680	90040 A1	BV	Greater than 60	9/30/2022	9/30/2022	273	0.014	3.822 Farm Tap Leak
100021608678	90040 A1	BV	Greater than 60	9/30/2022	9/30/2022	273	0.014	3.822 Farm Tap Leak
100022059248	93654 A2	O	Greater than 60	8/4/2022	8/4/2022	216	0.043	9.288 M&R Leak
100021804026	92530 A2	O	Greater than 60	6/3/2022	6/3/2022	154	0.043	6.622 M&R Leak
100021305296	93458 A3	O	Greater than 60	2/1/2022	2/1/2022	32	0.043	1.376 M&R Leak
100021909018	92210 A2	C	Greater than 60	5/24/2022	5/24/2022	144	0.043	6.192 Farm Tap Leak
100021609682	93534 B2	C	Greater than 60	5/18/2022	5/18/2022	138	0.043	5.934 Farm Tap Leak
100022454497	93311 A3	C	Greater than 60	10/21/2022	10/21/2022	294	0.043	12.642 Farm Tap Leak
100022454420	93505 B3	C	Greater than 60	10/20/2022	10/20/2022	293	0.043	12.599 Farm Tap Leak
100022708122	93065 A2	C	Greater than 60	10/25/2022	10/25/2022	298	0.043	12.814 Farm Tap Leak
100022588438	93534 A2	C	Greater than 60	11/7/2022	11/7/2022	311	0.043	13.373 Farm Tap Leak
100022562614	93263 A3	C	Greater than 60	10/7/2022	10/7/2022	280	0.043	12.04 Farm Tap Leak
100021610173	93543 B2	C	Greater than 60	5/20/2022	5/20/2022	140	0.043	6.02 Farm Tap Leak
100022757353	93245 B3	C	Greater than 60	11/17/2022	11/17/2022	321	0.043	13.805 Farm Tap Leak
100022209696	93505 A3	C	Greater than 60	10/20/2022	10/20/2022	293	0.043	12.599 Farm Tap Leak
100021298595	93560 A3	C	Greater than 60	3/16/2022	3/16/2022	75	0.043	3.225 Farm Tap Leak
100021780761	93543 A2	C	Greater than 60	4/22/2022	4/22/2022	112	0.043	4.816 Farm Tap Leak
100022588179	90621 A2	C	Greater than 60	11/14/2022	11/14/2022	318	0.043	13.674 Farm Tap Leak
100021608128	93534 B2	BV	Greater than 60	5/18/2022	5/18/2022	138	0.014	1.932 Farm Tap Leak

Sum Total	6.393
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Appendix 5; Rev. 03/30/2023

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 = unprotected 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.

<p style="text-align: center;">NumberofDays Leaking</p>	<p>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.</p> <p>For O&M discovered leaks, assume that the leak begins with the discovery date <u>thru</u> repair date or December 31st of subject year, whichever is earlier.</p>
<p style="text-align: center;">Emission Factor(Mscf/day)</p>	
<p style="text-align: center;">Annual Emissions(Mscf)</p>	
<p style="text-align: center;">Explanatory Notes / Comments</p>	