

SoCalGas, June 15,2020

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 - 2020 June Report Appendix 2 - Rev. 03/31/20

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.

Facilities emissions that are based on a population count times an emission factor (See Appendix 9 for guidance).

Transmission M&R Station Total Leaks and Emissions:

Number of Stations	Station Classification	Emission Factor (Mscf/yr/ station)	Annual Emission (Mscf)	Explanatory Notes / Comments
67	T	1554.8	104,172	This includes station that have Transmission to Distribution connections
11266	F	12.2	137,445	Tap Facilities
51	D	12.2	622	BIG GEMS
242,239				

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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.

Transmission M&R Station Blowdowns:

ID	Geographic Location	Number of Blowdown Events	Annual Emissions (Mscf)	Explanatory Notes / Comments
N/A	92555	1	1,455	Pipeline relocation
N/A	SCG Territory	56	1	Relief Valve Inspection at Transmission M&R Stations - Estimated avg. gas vented = 20 scf/insp
N/A	SCG Territory	9	0	Drips 30scf/ each
N/A	SCG Territory	36	1	Meter/Orifice 20 scf/each
N/A	SoCalGas Territory	2,097	2	External Reg. Inspection at Tap Facilities - Estimated avg. gas vented = 1 scf/insp
N/A	SoCalGas Territory	1930	6	Reg. Change out & Internal Reg. Inspection at Tap Facilities - Estimated avg. gas vented = 3 scf/ea. Also includes 310 straight reg removal.
N/A	SoCalGas Territory	35	1	2019 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	151	5	Filter Changeout or Filter Inspection w/parts replacement - Estimated avg. gas vented = 30 scf/ea
N/A	SoCalGas Territory	2	0	Gas Chromatograph
N/A	SoCalGas Territory	411	12	Actuators/Controllers - Estimated avg. gas vented = 2 scf/insp

1,482

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Notes:

The data collected on this sheet is for informational purposes and will not be included in the emissions inventory for 2019. 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.
Use a formula-derived value with the formula used in the Annual Emissions column. Do not use a copy and paste-as-value.
At the end of Annual Emissions Column, add a summation total in a cell for a column total, and then highlight orange.

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

Transmission M&R Station Component Vented Emissions:

New Column								
ID/Number of Devices	Geographic Location	Station Classification	Device Type	Bleed Rate	Manufacturer	Number of Days Emitting	Annual Emissions (Mscf)	Explanatory Notes / Comments
91	SoCalGas Territory		P	I	Misc.	365	N/A	Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans Emission Factor of 1,554.8 Mscf/Station/Year
4	SoCalGas Territory		P	L	Misc.	365	N/A	Intermittent Bleed Pneumatic Devices emissions are included in Trans-to-trans Emission Factor of 1,554.8 Mscf/Station/Year
1	SoCalGas Territory		P	H	Misc.	288	N/A	High Bleed Pneumatic Devices emissions are included in Trans-to-trans Emission Factor of 1,554.8 Mscf/Station/Year. Device was taken out on 10/19/2019
67	SoCalGas Territory		P	I	Misc.	365	NA	Producers
9	SoCalGas Territory		P	L	Misc.	365	NA	Producers

NA

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Notes:

The data collected on this sheet is for informational purposes and will not be included in the emissions inventory for 2019. The worksheet is designed to track actual leaks for future reference and to determine if an actual leak based emission accounting is feasible for M&R stations.

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

The emissions captured on this tab represent the emissions associated with unintentional leaks that if repaired would not be 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.

Transmission M&R Station Component Fugitive Leaks:

New Column						12/31/2019		1/1/2019		Explanatory Notes / Comments	Prior Survey Date (MM/DD/YY)	Column1	
ID	Geographic Location	Station Classification	Device Type	Bleed Rate	Manufacturer	Discovery Date (MM/DD/YY)	Repair Date (MM/DD/YY)	Number of Days Leaking	Emission Factor (Mscf/day/lev)				Annual Emissions (Mscf)
	6783379	92821 A3	V		Misc.	2/20/2019	2/20/2019	51	N/A	N/A	Component leaks at Transmission M&R Stations - Emissions are included in Transmission M&R Facilities Emission Factor of 1,554.8 Mscf/Station/Year	11/2/2018	
	6808085	92282 A3	P		Misc.	8/22/2018	9/12/2019	255	N/A	N/A	Component leaks at Transmission M&R Stations - Emissions are included in Transmission M&R Facilities Emission Factor of 1,554.8 Mscf/Station/Year	8/23/2018	
	6903201	92282 A3	V		Misc.	1/15/2019	1/15/2019	15	N/A	N/A	Component leaks at Transmission M&R Stations - Emissions are included in Transmission M&R Facilities Emission Factor of 1,554.8 Mscf/Station/Year	8/23/2018	
	6920306	92555 A3	P		Misc.	1/14/2019	3/6/2019	65	N/A	N/A	Component leaks at Transmission M&R Stations - Emissions are included in Transmission M&R Facilities Emission Factor of 1,554.8 Mscf/Station/Year	9/14/2018	
	6945423	91321 A3	C		Misc.	2/11/2019	2/11/2019	42	N/A	N/A	Component leaks at Transmission M&R Stations - Emissions are included in Transmission M&R Facilities Emission Factor of 1,554.8 Mscf/Station/Year	3/25/2019	
	6945499	92809 A3	C		Misc.	3/14/2018	2/27/2019	58	N/A	N/A	Component leaks at Transmission M&R Stations - Emissions are included in Transmission M&R Facilities Emission Factor of 1,554.8 Mscf/Station/Year	11/8/2018	
	6954561	90840 A3	C		Misc.	2/28/2019	2/28/2019	50	N/A	N/A	Component leaks at Transmission M&R Stations - Emissions are included in Transmission M&R Facilities Emission Factor of 1,554.8 Mscf/Station/Year	1/10/2019	
	6957241	92809 A3	C		Misc.	3/14/2019	3/14/2019	73	N/A	N/A	Component leaks at Transmission M&R Stations - Emissions are included in Transmission M&R Facilities Emission Factor of 1,554.8 Mscf/Station/Year	11/8/2018	
	6957263	92887 A3	C		Misc.	3/14/2019	3/14/2019	43	N/A	N/A	Component leaks at Transmission M&R Stations - Emissions are included in Transmission M&R Facilities Emission Factor of 1,554.8 Mscf/Station/Year	1/31/2019	
	6975431	90810 B3	V		Misc.	3/19/2019	3/19/2019	27	N/A	N/A	Component leaks at Transmission M&R Stations - Emissions are included in Transmission M&R Facilities Emission Factor of 1,554.8 Mscf/Station/Year	2/21/2019	
	6957269	93887 A3	P		Misc.	3/14/2019	3/14/2019	73	N/A	N/A	Component leaks at Transmission M&R Stations - Emissions are included in Transmission M&R Facilities Emission Factor of 1,554.8 Mscf/Station/Year	11/8/2018	
	6977762	90810 B3	V		Misc.	3/22/2019	4/11/2019	50	N/A	N/A	Component leaks at Transmission M&R Stations - Emissions are included in Transmission M&R Facilities Emission Factor of 1,554.8 Mscf/Station/Year	2/21/2019	
	7020259	90280 A1	C		Misc.	5/14/2019	5/14/2019	103	N/A	N/A	Component leaks at Transmission M&R Stations - Emissions are included in Transmission M&R Facilities Emission Factor of 1,554.8 Mscf/Station/Year	2/1/2019	
	7084250	92887 A3	C		Misc.	7/19/2019	8/1/2019	66	N/A	N/A	Component leaks at Transmission M&R Stations - Emissions are included in Transmission M&R Facilities Emission Factor of 1,554.8 Mscf/Station/Year	5/28/2019	
	7110628	92629 B3	V		Misc.	9/5/2019	9/5/2019	10	N/A	N/A	Component leaks at Transmission M&R Stations - Emissions are included in Transmission M&R Facilities Emission Factor of 1,554.8 Mscf/Station/Year	8/27/2019	
	7110828	92629 B2	V		Misc.	9/5/2019	9/9/2019	172	N/A	N/A	Component leaks at Transmission M&R Stations - Emissions are included in Transmission M&R Facilities Emission Factor of 1,554.8 Mscf/Station/Year	3/22/2019	
	7084221	90746 B3	V		Misc.	8/1/2019	8/1/2019	74	N/A	N/A	Component leaks at Transmission M&R Stations - Emissions are included in Transmission M&R Facilities Emission Factor of 1,554.8 Mscf/Station/Year	5/20/2019	
	7197689	90278 A3	P		Misc.	12/18/2019	1/3/2020	48	N/A	N/A	Component leaks at Transmission M&R Stations - Emissions are included in Transmission M&R Facilities Emission Factor of 1,554.8 Mscf/Station/Year	11/14/2019	
	100011501034	B2	C		Misc.	1/19/2019	1/19/2019	18	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mscf/Station/Year		
	100012294163	A2	C		Misc.	3/29/2019	3/29/2019	87	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mscf/Station/Year		
	100012461872	B2	C		Misc.	2/23/2019	2/23/2019	53	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mscf/Station/Year		
	100012461969	A1	C		Misc.	4/26/2019	4/26/2019	115	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mscf/Station/Year		
	100012461980	B2	C		Misc.	2/26/2019	2/26/2019	56	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mscf/Station/Year		
	100012462067	B3	C		Misc.	2/16/2019	2/16/2019	46	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mscf/Station/Year		
	100012575922	A2	C		Misc.	4/2/2019	4/2/2019	91	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mscf/Station/Year		
	100012618892	B2	C		Misc.	1/19/2019	1/19/2019	18	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mscf/Station/Year		
	100012618595	B1	C		Misc.	1/12/2019	1/12/2019	11	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mscf/Station/Year		
	100012658376	A2	C		Misc.	5/22/2019	5/22/2019	141	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mscf/Station/Year		
	100012658452	A2	C		Misc.	2/26/2019	2/26/2019	56	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mscf/Station/Year		
	100012658942	A3	C		Misc.	2/23/2019	2/23/2019	53	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mscf/Station/Year		
	100012953726	B1	C		Misc.	1/31/2019	1/31/2019	30	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mscf/Station/Year		
	100012953728	A3	C		Misc.	1/15/2019	1/15/2019	14	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mscf/Station/Year		
	100012953791	B3	C		Misc.	3/26/2019	3/26/2019	84	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mscf/Station/Year		
	100012953811	B3	C		Misc.	3/28/2019	3/28/2019	86	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mscf/Station/Year		
	100012953819	B3	C		Misc.	3/22/2019	3/22/2019	80	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mscf/Station/Year		
	100012953822	A3	C		Misc.	4/12/2019	4/12/2019	101	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mscf/Station/Year		
	100012953823	A2	C		Misc.	5/22/2019	5/22/2019	141	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mscf/Station/Year		
	100012953845	B3	C		Misc.	4/18/2019	4/18/2019	107	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mscf/Station/Year		
	100012953847	A1	C		Misc.	2/9/2019	2/9/2019	39	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mscf/Station/Year		
	100012953886	B3	C		Misc.	1/30/2019	1/30/2019	29	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mscf/Station/Year		
	100012953891	B3	C		Misc.	1/26/2019	1/26/2019	25	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mscf/Station/Year		
	100012953947	B2	C		Misc.	1/30/2019	1/30/2019	29	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mscf/Station/Year		
	100012953981	A3	C		Misc.	1/28/2019	1/28/2019	27	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mscf/Station/Year		
	100012953988	B3	C		Misc.	4/23/2019	4/23/2019	112	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mscf/Station/Year		
	100012954025	A2	C		Misc.	6/3/2019	6/3/2019	153	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mscf/Station/Year		
	100012954051	B2	C		Misc.	5/23/2019	5/23/2019	142	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mscf/Station/Year		
	100012954053	B2	C		Misc.	3/27/2019	3/27/2019	85	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mscf/Station/Year		
	100012954061	A2	C		Misc.	4/22/2019	4/22/2019	111	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mscf/Station/Year		
	100012954064	B2	C		Misc.	4/25/2019	4/25/2019	114	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mscf/Station/Year		
	100012954073	A2	C		Misc.	4/24/2019	4/24/2019	113	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mscf/Station/Year		
	100012954091	A2	C		Misc.	2/26/2019	2/26/2019	56	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mscf/Station/Year		
	100012954092	A2	C		Misc.	2/20/2019	2/20/2019	50	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mscf/Station/Year		
	100012954095	A2	C		Misc.	1/18/2019	1/18/2019	17	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mscf/Station/Year		
	100012954102	A2	C		Misc.	1/8/2019	1/8/2019	7	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mscf/Station/Year		
	100012954103	A2	C		Misc.	2/12/2019	2/12/2019	42	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mscf/Station/Year		
	100012954104	B2	C		Misc.	4/26/2019	4/26/2019	115	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mscf/Station/Year		
	100012954105	A2	C		Misc.	1/28/2019	1/28/2019	27	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mscf/Station/Year		
	100012954110	A2	C		Misc.	5/21/2019	5/21/2019	140	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mscf/Station/Year		
	100012954114	B2	C		Misc.	1/29/2019	1/29/2019	28	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mscf/Station/Year		
	100012954158	A3	C		Misc.	5/11/2019	5/11/2019	130	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mscf/Station/Year		
	100012954226	B3	C		Misc.	1/30/2019	1/30/2019	29	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mscf/Station/Year		
	100012954382	A2	C		Misc.	3/30/2019	3/30/2019	88	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mscf/Station/Year		
	100012954408	B2	C		Misc.	4/25/2019	4/25/2019	114	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mscf/Station/Year		
	100012954416	A2	C		Misc.	5/22/2019	5/22/2019	141	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mscf/Station/Year		
	100012954420	B2	C		Misc.	3/25/2019	3/25/2019	83	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mscf/Station/Year		
	100012954430	A1	C		Misc.	4/12/2019	4/12/2019	101	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mscf/Station/Year		
	100012954448	B2	C		Misc.	1/30/2019	1/30/2019	29	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mscf/Station/Year		
	100012954472	A3	C		Misc.	3/28/2019	3/28/2019	86	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mscf/Station/Year		
	100012954476	A3	C		Misc.	3/9/2019	3/9/2019	67	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mscf/Station/Year		
	100012954480	B3	C		Misc.	2/23/2019	2/23/2019	53	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mscf/Station/Year		
	100012954483	B3	C		Misc.	3/9/2019	3/9/2019	67	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mscf/Station/Year		
	100012954487	A3	C		Misc.	3/27/2019	3/27/2019	85	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mscf/Station/Year		
	100012954491	B3	C		Misc.	1/4/2019	1/4/2019	3	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mscf/Station/Year		
	100012954494	B3	C		Misc.	1/30/2019	1/30/2019	29	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mscf/Station/Year		
	100012954500	B3	C		Misc.	1/29/2019	1/29/2019	28	N/A	N/A			

[illegible]

100014415791	A2	C	Misc.	6/28/2019	6/28/2019	178	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcd/Station/Year
1000144131005	B2	C	Misc.	7/1/2019	7/1/2019	181	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcd/Station/Year
100014444365	B3	C	Misc.	8/21/2019	8/21/2019	232	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcd/Station/Year
100014444366	B3	C	Misc.	9/16/2019	9/16/2019	258	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcd/Station/Year
100014444416	B3	C	Misc.	12/18/2019	12/18/2019	353	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcd/Station/Year
100014444429	B3	C	Misc.	12/20/2019	12/20/2019	353	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcd/Station/Year
100014444442	B3	C	Misc.	12/18/2019	12/18/2019	353	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcd/Station/Year
1000144444786	B2	C	Misc.	7/17/2019	7/17/2019	197	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcd/Station/Year
100014444493	B2	C	Misc.	7/6/2019	7/6/2019	186	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcd/Station/Year
100014444907	B2	C	Misc.	7/16/2019	7/16/2019	194	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcd/Station/Year
100014444916	B3	C	Misc.	7/15/2019	7/15/2019	195	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcd/Station/Year
100014444945	B2	C	Misc.	7/24/2019	7/24/2019	204	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcd/Station/Year
100014444946	B2	C	Misc.	7/24/2019	7/24/2019	204	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcd/Station/Year
100014444951	B2	C	Misc.	7/30/2019	7/30/2019	210	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcd/Station/Year
100014444951	B2	C	Misc.	8/21/2019	8/21/2019	232	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcd/Station/Year
100014444998	A3	C	Misc.	10/3/2019	10/3/2019	275	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcd/Station/Year
100014445031	B2	C	Misc.	10/7/2019	10/7/2019	279	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcd/Station/Year
100014445062	A2	C	Misc.	9/25/2019	9/25/2019	267	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcd/Station/Year
100014445072	A2	C	Misc.	10/19/2019	10/19/2019	291	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcd/Station/Year
100014445091	A2	C	Misc.	8/8/2019	8/8/2019	225	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcd/Station/Year
100014445091	A2	C	Misc.	8/14/2019	8/14/2019	225	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcd/Station/Year
100014445092	A2	C	Misc.	8/12/2019	8/12/2019	223	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcd/Station/Year
100014445129	B2	C	Misc.	10/5/2019	10/5/2019	277	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcd/Station/Year
100014445131	B2	C	Misc.	11/13/2019	11/13/2019	316	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcd/Station/Year
100014445131	A1	C	Misc.	11/12/2019	11/12/2019	315	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcd/Station/Year
100014445144	B3	C	Misc.	12/30/2019	12/30/2019	363	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcd/Station/Year
100014445262	A3	C	Misc.	11/5/2019	11/5/2019	308	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcd/Station/Year
100014445267	B3	C	Misc.	8/26/2019	8/26/2019	237	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcd/Station/Year
100014445292	B2	C	Misc.	8/23/2019	8/23/2019	234	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcd/Station/Year
100014445301	A3	C	Misc.	11/6/2019	11/6/2019	310	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcd/Station/Year
100014445320	A3	C	Misc.	11/27/2019	11/27/2019	330	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcd/Station/Year
100014451191	A3	C	Misc.	7/6/2019	7/6/2019	186	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcd/Station/Year
100014454359	A2	C	Misc.	10/29/2019	10/29/2019	301	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcd/Station/Year
100014454476	B3	C	Misc.	9/24/2019	9/24/2019	266	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcd/Station/Year
100014454485	A2	C	Misc.	10/18/2019	10/18/2019	290	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcd/Station/Year
100014454585	B2	C	Misc.	7/19/2019	7/19/2019	199	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcd/Station/Year
100014454587	B2	C	Misc.	12/20/2019	12/20/2019	353	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcd/Station/Year
100014454613	A2	C	Misc.	9/18/2019	9/18/2019	260	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcd/Station/Year
100014454619	A2	C	Misc.	9/16/2019	9/16/2019	258	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcd/Station/Year
100014454621	A2	C	Misc.	9/19/2019	9/19/2019	262	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcd/Station/Year
100014454621	A1	C	Misc.	9/25/2019	9/25/2019	267	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcd/Station/Year
100014454625	A2	C	Misc.	9/26/2019	9/26/2019	268	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcd/Station/Year
100014454637	B2	C	Misc.	11/25/2019	11/25/2019	328	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcd/Station/Year
100014454641	A2	C	Misc.	12/19/2019	12/19/2019	352	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcd/Station/Year
100014454646	A2	C	Misc.	9/26/2019	9/26/2019	268	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcd/Station/Year
100014454547	A3	C	Misc.	7/18/2019	7/18/2019	188	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcd/Station/Year
100014463647	A3	C	Misc.	7/11/2019	7/11/2019	191	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcd/Station/Year
100014476939	A2	C	Misc.	7/12/2019	7/12/2019	192	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcd/Station/Year
100014489563	A2	V	Muelier	7/1/2019	7/1/2019	181	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcd/Station/Year
100014490089	A2	C	Misc.	10/1/2019	10/1/2019	273	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcd/Station/Year
100014490090	A2	C	Misc.	10/9/2019	10/9/2019	278	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcd/Station/Year
100014490092	A3	C	Misc.	9/26/2019	9/26/2019	268	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcd/Station/Year
100014490093	A3	C	Misc.	9/26/2019	9/26/2019	268	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcd/Station/Year
100014490101	A2	C	Misc.	9/30/2019	9/30/2019	272	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcd/Station/Year
100014490114	B3	C	Misc.	12/20/2019	12/20/2019	353	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcd/Station/Year
100014490115	A2	C	Misc.	10/1/2019	10/1/2019	272	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcd/Station/Year
100014490121	A2	C	Misc.	9/17/2019	9/17/2019	259	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcd/Station/Year
100014490140	B3	C	Misc.	8/28/2019	8/28/2019	239	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcd/Station/Year
100014490148	A3	C	Misc.	11/25/2019	11/25/2019	328	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcd/Station/Year
100014490219	A3	C	Misc.	11/2/2019	11/2/2019	305	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcd/Station/Year
100014490222	A3	C	Misc.	12/30/2019	12/30/2019	363	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcd/Station/Year
100014490224	B3	C	Misc.	11/23/2019	11/23/2019	326	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcd/Station/Year
100014490256	B3	C	Misc.	12/20/2019	12/20/2019	353	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcd/Station/Year
100014490263	A3	C	Misc.	12/23/2019	12/23/2019	356	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcd/Station/Year
100014490278	A3	C	Misc.	11/16/2019	11/16/2019	319	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcd/Station/Year
100014490300	A2	C	Misc.	12/30/2019	12/30/2019	366	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcd/Station/Year
100014493500	A3	C	Misc.	9/17/2019	9/17/2019	259	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcd/Station/Year
100014493549	A3	C	Misc.	10/24/2019	10/24/2019	296	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcd/Station/Year
100014493657	A2	C	Misc.	10/1/2019	10/1/2019	273	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcd/Station/Year
100014493759	B2	C	Misc.	8/29/2019	8/29/2019	240	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcd/Station/Year
100014493787	A2	C	Misc.	12/13/2019	12/13/2019	356	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcd/Station/Year
100014496957	B2	C	Fisher	7/19/2019	7/19/2019	199	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcd/Station/Year
100014496958	B2	C	Fisher	7/19/2019	7/19/2019	199	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcd/Station/Year
100014504723	A2	C	Misc.	7/22/2019	7/22/2019	202	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcd/Station/Year
100014505043	B2	C	Misc.	7/17/2019	7/17/2019	197	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcd/Station/Year
100014511361	A2	C	Misc.	7/24/2019	7/24/2019	204	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcd/Station/Year
100014511361	A2	C	Misc.	7/25/2019	7/25/2019	205	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcd/Station/Year
100014520110	A2	C	Misc.	7/25/2019	7/25/2019	205	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcd/Station/Year
100014537714	A2	C	Misc.	7/26/2019	7/26/2019	206	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcd/Station/Year
100014534913	B2	C	Misc.	11/26/2019	11/26/2019	329	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcd/Station/Year
100014534919	A2	C	Misc.	11/19/2019	11/19/2019	327	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcd/Station/Year
100014534924	B3	C	Misc.	11/25/2019	11/25/2019	328	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcd/Station/Year
100014534930	A2	C	Misc.	12/27/2019	12/27/2019	360	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcd/Station/Year
100014565469	B2	C	Misc.	9/19/2019	9/19/2019	261	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcd/Station/Year
100014565470	B2	C	Misc.	9/19/2019	9/19/2019	261	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcd/Station/Year
100014569910	B3	C	Misc.	8/5/2019	8/5/2019	216	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcd/Station/Year
100014597945	A2	C	Misc.	8/29/2019	8/29/2019	240	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcd/Station/Year
100014597946	A2	C	Misc.	8/29/2019	8/29/2019	240	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcd/Station/Year
100014597948	A2	C	Misc.	8/29/2019	8/29/2019	240	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcd/Station/Year
100014598040	B2	C	Misc.	8/26/2019	8/26/2019	237	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcd/Station/Year
100014619029	B2	C	Misc.	8/16/2019	8/16/2019	227	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcd/Station/Year
100014619060	A2	C	Misc.	8/15/2019	8/15/2019	227	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcd/Station/Year
100014628209	93286	A2	Misc.	8/19/2019	8/19/2019	230	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcd/Station/Year
100014634356	A3	C	Misc.	8/20/2019	8/20/2019	231	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcd/Station/Year
100014635071	A2	V	Walworth	8/20/2019	8/20/2019	231	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcd/Station/Year
100014635074	A2	V	Walworth	8/20/2019	8/20/2019	231	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcd/Station/Year
100014635943	A2	C	Misc.	8/22/2019	8/22/2019	232	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcd/Station/Year
100014639971	A2	C	Misc.	8/21/2019	8/21/2019	233	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcd/Station/Year
100014686963	B3	C	Fisher	8/27/2019	8/27/2019	238	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcd/Station/Year
100014687822	A2	C	Misc.	8/29/2019	8/29/2019	240	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcd/Station/Year
100014688316	A2	C	Misc.	8/30/2019	8/30/2019	241	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcd/Station/Year
100014696933	A3	C	Misc.	11/13/2019	11/13/2019	316	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 1

100014709748	A2	C	Fisher	9/5/2019	9/5/2019	247	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcf/Station/Year	
100014709749	A2	F	Fisher	9/5/2019	9/5/2019	247	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcf/Station/Year	
10001473841	B3	C	Misc.	9/12/2019	9/12/2019	254	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcf/Station/Year	
100014737232	B2	C	Misc.	9/13/2019	9/13/2019	254	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcf/Station/Year	
100016697031	B3	C	Fisher	9/19/2019	9/19/2019	261	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcf/Station/Year	
100016697154	A2	C	Fisher	9/19/2019	9/19/2019	261	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcf/Station/Year	
100016697155	A2	C	Fisher	9/19/2019	9/19/2019	261	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcf/Station/Year	
100016779700	91360	A2	Fisher	9/20/2019	9/20/2019	262	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcf/Station/Year	
100016808489	A3	C	Misc.	9/26/2019	9/26/2019	273	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcf/Station/Year	
100016837168	A3	C	Misc.	10/1/2019	10/1/2019	273	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcf/Station/Year	
100016844083	A3	C	Misc.	10/2/2019	10/2/2019	274	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcf/Station/Year	
100016845775	A3	C	Misc.	10/4/2019	10/4/2019	276	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcf/Station/Year	
100016848937	B3	C	Misc.	10/7/2019	10/7/2019	279	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcf/Station/Year	
100016863737	A2	C	Misc.	10/8/2019	10/8/2019	281	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcf/Station/Year	
100016869379	A2	C	Fisher	10/9/2019	10/9/2019	281	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcf/Station/Year	
100016872965	A2	C	Misc.	10/14/2019	10/14/2019	286	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcf/Station/Year	
100016872968	A2	C	Misc.	10/14/2019	10/10/2019	282	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcf/Station/Year	
100016889630	B3	C	Misc.	10/11/2019	10/11/2019	283	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcf/Station/Year	
100016890406	A2	C	Fisher	10/14/2019	10/14/2019	290	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcf/Station/Year	
100016918910	B3	C	Misc.	10/18/2019	10/18/2019	290	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcf/Station/Year	
100016920034	A2	C	Misc.	11/16/2019	11/16/2019	319	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcf/Station/Year	
100016920039	B2	C	Misc.	12/5/2019	12/5/2019	338	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcf/Station/Year	
100016920171	A2	C	Misc.	12/19/2019	12/19/2019	352	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcf/Station/Year	
100016920380	A2	C	Misc.	11/5/2019	11/5/2019	367	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcf/Station/Year	
100016935400	B3	V	Misc.	10/21/2019	10/21/2019	293	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcf/Station/Year	
100016939381	B3	C	Fisher	10/22/2019	10/22/2019	294	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcf/Station/Year	
100016947683	A3	C	Misc.	10/24/2019	10/24/2019	296	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcf/Station/Year	
100016962601	90272	A2	C	Misc.	10/30/2019	10/30/2019	302	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcf/Station/Year
100016969767	A2	C	Misc.	10/25/2019	10/25/2019	297	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcf/Station/Year	
100016966557	A2	C	Misc.	10/30/2019	10/22/2019	294	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcf/Station/Year	
100016966558	A2	V	Walworth	10/22/2019	10/22/2019	294	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcf/Station/Year	
100016967240	A2	V	Walworth	10/22/2019	10/22/2019	294	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcf/Station/Year	
100016967389	A3	C	Misc.	11/25/2019	11/25/2019	328	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcf/Station/Year	
100016991734	A3	C	Misc.	12/9/2019	12/9/2019	344	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcf/Station/Year	
100016992108	A3	C	Misc.	12/11/2019	12/11/2019	344	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcf/Station/Year	
100016992112	B3	C	Misc.	12/13/2019	12/13/2019	346	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcf/Station/Year	
100016992114	A2	C	Misc.	12/10/2019	12/10/2019	343	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcf/Station/Year	
100016993860	9036	A2	C	12/12/2019	12/12/2019	345	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcf/Station/Year	
100017001871	A2	C	Misc.	6/10/2019	6/10/2019	345	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcf/Station/Year	
100017030426	A2	C	Misc.	8/19/2019	8/19/2019	230	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcf/Station/Year	
100017030427	A2	C	Fisher	8/19/2019	8/19/2019	230	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcf/Station/Year	
100017030428	A2	C	Fisher	8/19/2019	8/19/2019	230	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcf/Station/Year	
100017031900	A2	C	Misc.	11/12/2019	11/12/2019	315	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcf/Station/Year	
10001703935	A2	C	PRV	11/13/2019	11/13/2019	321	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcf/Station/Year	
100017040415	B2	C	Misc.	11/18/2019	11/18/2019	321	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcf/Station/Year	
100017060139	B3	C	Misc.	11/19/2019	11/19/2019	322	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcf/Station/Year	
100017066635	B2	C	Misc.	11/21/2019	11/21/2019	324	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcf/Station/Year	
100017066638	B2	C	Misc.	11/21/2019	11/21/2019	324	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcf/Station/Year	
100017071255	A3	C	Misc.	12/11/2019	12/11/2019	330	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcf/Station/Year	
100017075678	A3	C	Misc.	11/27/2019	11/27/2019	330	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcf/Station/Year	
100017091687	A2	C	Misc.	11/25/2019	11/25/2019	328	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcf/Station/Year	
100017106524	A2	C	Misc.	11/26/2019	11/26/2019	329	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcf/Station/Year	
100017108864	A2	C	Misc.	12/18/2019	12/18/2019	351	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcf/Station/Year	
100017108867	9356	A2	C	12/4/2019	12/4/2019	335	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcf/Station/Year	
100017108891	9322	B2	C	12/2/2019	12/2/2019	335	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcf/Station/Year	
100017108892	9327	A2	C	12/4/2019	12/4/2019	337	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcf/Station/Year	
100017151333	A2	C	Misc.	12/9/2019	12/9/2019	342	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcf/Station/Year	
100017156412	9327	A2	Mueller	12/4/2019	12/4/2019	342	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcf/Station/Year	
100017179648	A2	C	Fisher	12/9/2019	12/9/2019	342	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcf/Station/Year	
100017181165	A2	V	Misc.	12/9/2019	12/9/2019	342	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcf/Station/Year	
100017184166	A2	C	Misc.	12/10/2019	12/10/2019	343	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcf/Station/Year	
100017199846	A2	C	Misc.	12/16/2019	12/16/2019	349	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcf/Station/Year	
100017200727	A2	C	Misc.	12/13/2019	12/13/2019	349	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcf/Station/Year	
100017210960	A1	C	Misc.	11/5/2019	11/5/2019	308	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcf/Station/Year	
100017210961	A1	C	Fisher	11/5/2019	11/5/2019	308	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcf/Station/Year	
100017213937	A2	C	Misc.	12/21/2019	12/21/2019	354	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcf/Station/Year	
100017219055	A2	C	Misc.	12/19/2019	12/19/2019	352	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcf/Station/Year	
100017220450	A3	C	Fisher	12/18/2019	12/18/2019	351	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcf/Station/Year	
100017220451	A3	C	Fisher	12/18/2019	12/18/2019	351	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcf/Station/Year	
100017225713	A2	C	Misc.	12/19/2019	12/19/2019	352	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcf/Station/Year	
100017228525	A3	C	Misc.	12/20/2019	12/20/2019	353	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcf/Station/Year	
10001722854	A2	C	Misc.	12/19/2019	12/19/2019	352	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcf/Station/Year	
100017229420	A2	C	Reliance	12/20/2019	12/20/2019	353	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcf/Station/Year	
100017229421	A3	C	Fisher	12/20/2019	12/20/2019	353	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcf/Station/Year	
100017229422	A3	V	Misc.	12/20/2019	12/20/2019	353	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcf/Station/Year	
100012953820	0	C	Misc.	4/14/2019	4/14/2019	105	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcf/Station/Year	
100012954086	A2	C	Misc.	4/8/2019	4/8/2019	97	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcf/Station/Year	
100012954086	A2	C	Misc.	2/25/2019	2/25/2019	55	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcf/Station/Year	
100012954100	A2	C	Misc.	2/27/2019	2/27/2019	57	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcf/Station/Year	
100013614748	B2	C	Misc.	2/22/2019	2/22/2019	52	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcf/Station/Year	
100013664487	A3	C	Misc.	1/29/2019	1/29/2019	28	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcf/Station/Year	
100013783631	A2	C	Misc.	2/21/2019	2/21/2019	51	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcf/Station/Year	
100014086988	B2	C	Fisher	4/25/2019	4/25/2019	114	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcf/Station/Year	
100014086989	B2	C	Fisher	4/25/2019	4/25/2019	114	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcf/Station/Year	
1000142274720	A2	C	Misc.	5/24/2019	5/24/2019	143	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcf/Station/Year	
100014351394	A2	C	Misc.	6/18/2019	6/18/2019	268	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcf/Station/Year	
100014444346	B3	C	Misc.	8/15/2019	8/15/2019	287	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcf/Station/Year	
100014444334	B3	C	Misc.	8/16/2019	8/16/2019	227	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcf/Station/Year	
100014494143	B3	C	Misc.	7/18/2019	7/18/2019	198	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcf/Station/Year	
100014554915	B2	C	Misc.	11/26/2019	11/26/2019	329	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcf/Station/Year	
100014746372	90272	A2	Misc.	10/29/2019	10/29/2019	301	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcf/Station/Year	
100016871296	A2	C	Misc.	10/15/2019	10/15/2019	287	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcf/Station/Year	
100016917698	B2	C	Misc.	10/18/2019	10/18/2019	290	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcf/Station/Year	
100016939295	A2	C	Misc.	10/9/2019	10/9/2019	281	N/A	N/A	Component leaks at Farm Taps - Emissions are included in Farm Taps Emission Factor of 12.2 Mcf/Station/Year	

Appendix 2 - Rev. 03/31/20

Header column "Comment" boxes displayed below for reference.	
Column Heading	Description and Definition of Required Contents (IF not self-explanatory)
Station Leaks and Emissions	
Number of Stations	
Station Classification	F = farm tap D = direct sale T = transmission-to-transmissions interconnect
Emission Factor (Mscf/yr)	
Annual Emission (Mscf)	
Explanatory Notes / Comments	

Blowdowns	
ID	
Geographic Location	GIS, zip code, or equivalent
Number of Blowdown Events	
Annual Emissions (Mscf)	
Explanatory Notes / Comments	

Component Vented Emissions	
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

New Column - for type of M&R Station where emission located.

Device Type	C = connector O = open-ended line M = meter P = pneumatic device PR = pressure relief valve V = valve
Bleed Rate	L = low bleed I = intermittent bleed H = high bleed NA = not applicable
Manufacturer	
Number of Days Emitting	Because the emissions are a factor of design or function, these emissions counted for the entire year.
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 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

New Column - for type of M&R Station where found.

Device Type	C = connector O = open-ended line M = meter P = pneumatic device PR = pressure relief valve V = valve
Bleed Rate	L = low bleed I = intermittent bleed H = high bleed NA = not applicable
Manufacturer	
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, or prior survey date if surveyed previously within the year of interest.
Repair Date (MM/DD/YY)	
Number of Days Leaking	Assume Leaking from January 1 of subject year or prior survey date, whichever is later, thru the repair date (if repaired in year of interest) or December 31 of subject year, whichever is earlier. For O&M discovered leaks, assume that the leak begins with the discovery date thru repair date or December 31st of subject year, whichever is earlier.
Annual Emissions (Mscf)	
Explanatory Notes / Comments	