SoCalGas, June 15, 2021

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 - 2021 June Report
Appendix 3 – Rev. 05/30/21

Transmission Compressor Vented Emissions:

ID	Geographic Location	Compressor Type	Prime Mover	Number of Cylinders	Number of Seals	Seal Type	Measurement Frequency	Emission Factor: Measurement Date - Pressurized Operations	Operating Mode: Pressurized Operating [hours]	Operating Mode: Pressurized Idle [hours]	Operating Mode: Depressurized Idle [hours]	Operating Mode: Offline [Hours]	Emission Factor: Pressurized Operating(scf/hr)	Emission Factor: Pressurized Idle (scf/hr)	Emission Factor: Depressurized Idle (scf/hr)	Emission Factor: Offline (scf/hr)	Emission Factor: Pressurized Operating Rod Packing(scf/hr)	Emission Factor: Pressurized Operating Rowdown Valve (scf/hr)	Emission Factor: Pressurized Operating, Wet Seal Oil Degassing Vent(scf/hr)	Emission Factor: Pressurized Operating Wet Seal (scf/hr)	Emission Factor: Pressurized Operating Dry Seal (scf/hr)	Emission Factor: Pressurized Idle - Rod Packing (scf/hr)	Emission Factor: Pressurized Idle Rowdown Valve (scf/hr)	Emission Factor: Pressurized Idle - Wet Seal Oil Degassing Vent (scf/hr)	Emission Factor: Pressurized Idle - Wet Seal (scf/hr)	Emission Factor: Pressurized Idle - Dry Seal (scf/hr)	Emission Factor: Pressurized Idle - Isolation Valve (scf/hr)	Annual Emissions (Mscf)	Explanatory Notes / Comments
Turbine	92393	C	Turbine	NA	1	wet	A		0	0	8784		0.00	0	0.72		0.00	0	0	0	NA	NA	NA	0	NA	NA	0	6.32	
CAT 1	92226	R	IC	8	N/A	N/A	A		7751	671	362		420.12	0	0		420.12	0	NA	NA	NA	NA	0	NA	NA	NA	0	3256.35	0
CAT 2	92226	R	IC	8	N/A	N/A	A		4700	381	1087		1999.80	0	0		1999.80	0	NA	NA	NA	NA	0	NA	NA	NA	0	9399.06	NA
CAT 2	92226	R	IC	8	N/A	N/A	A		869	209	147		214.26	0	0		214.26	0	NA	NA	NA	NA	0	NA	NA	NA	0	186.19	
CAT 2	92226	R	IC	8	N/A	N/A	A		1324	60	7		288.00	0	0		288.00	0	NA	NA	NA	NA	0	NA	NA	NA	0	281.31	Rod packing repaired on November 4th
MU8	92226	R	IC	8	N/A	N/A	A		4622	4105	57		85.98	0	0		85.98	0	NA	NA	NA	NA	0	NA	NA	NA	0	397.37	NA
MU9	92226	R	IC	8	N/A	N/A	A		3631	5159	33		70.58	0	0		70.58	0	NA	NA	NA	NA	0	NA	NA	NA	0	256.31	
MU10	92226	R	IC	8	N/A	N/A	A		3668	4051	1065		47.19	0	0		47.19	0	NA	NA	NA	NA	0	NA	NA	NA	0	173.10	
MU11	92226	R	IC	8	N/A	N/A	A		7270	1291	223		36.91	0	0		36.91	0	NA	NA	NA	NA	0	NA	NA	NA	0	268.32	
MU12	92226	R	IC	8	N/A	N/A	A		1294	244	7246		20.01	0	0		20.01	0	NA	NA	NA	NA	0	NA	NA	NA	0	25.89	
MU13	92226	R	IC	8	N/A	N/A	A		5590	2815	379		0.00	0	0		0.00	0	NA	NA	NA	NA	0	NA	NA	NA	0	0.00	
MU14	92226	R	IC	12	N/A	N/A	A		0	0	8784	N/A		N/A	0			0	NA	NA	NA	NA	0	NA	NA	NA	0	0.00	
MU15	92226	R	IC	12	N/A	N/A	A		6492	1885	406		0.00	0	0		0.00	0	NA	NA	NA	NA	0	NA	NA	NA	0	0.00	
Turbine	92393	C	Turbine	NA	1	wet	A		0	0	8784	N/A		N/A	0.72			0	0	0	NA	NA	NA	0	NA	NA	0	6.32	
MU1	92365	R	IC	6	N/A	N/A	A		0	315	8469	N/A		0.02	0.72		N/A	0	NA	NA	NA	NA	0	NA	NA	NA	0	6.10	
MU2	92365	R	IC	6	N/A	N/A	A		0	295	8489	N/A		0.02	0.72		N/A	0	NA	NA	NA	NA	0	NA	NA	NA	0	6.12	
MU3	92365	R	IC	6	N/A	N/A	A		0	90	8695	N/A		0.02	0.72		N/A	0	NA	NA	NA	NA	0	NA	NA	NA	0	6.26	
MU4	92365	R	IC	6	N/A	N/A	A		0	120	8664	N/A		0.02	1		N/A	0	NA	NA	NA	NA	0	NA	NA	NA	0	6.24	
MU5	92365	R	IC	6	N/A	N/A	A		0	407	8377	N/A		0.02	0.72		N/A	0	NA	NA	NA	NA	0	NA	NA	NA	0	6.04	
MU6	92365	R	IC	6	N/A	N/A	A		0	154	8631	N/A		0.02	0.72		N/A	0	NA	NA	NA	NA	0	NA	NA	NA	0	6.22	
MU7	92365	R	IC	6	N/A	N/A	A		0	121	8664	N/A		0.02	0.72		N/A	0	NA	NA	NA	NA	0	NA	NA	NA	0	6.24	
MU1	92365	R	IC	16	N/A	N/A	A		0	0	8784	N/A		N/A	0		N/A	0	NA	NA	NA	NA	0	NA	NA	NA	0	0.00	
MU2	92365	R	IC	16	N/A	N/A	A		0	0	8784	N/A		N/A	0		N/A	0	NA	NA	NA	NA	0	NA	NA	NA	0	0.00	
MU3	92365	R	IC	12	N/A	N/A	A		0	0	8784	N/A		N/A	0		N/A	0	NA	NA	NA	NA	0	NA	NA	NA	0	0.00	
MU4	92365	R	IC	16	N/A	N/A	A		6	6712	2065		163.47	0	0		125.52	0	NA	NA	NA	NA	0	NA	NA	NA	0	1.06	
MU5	92365	R	IC	16	N/A	N/A	A		4	6764	2015		163.70	0	0		125.52	0	NA	NA	NA	NA	0	NA	NA	NA	0	0.72	
MU1	92365	R	IC	6	N/A	N/A	A		1636	6179	971		56.40	0	0		56.40	0	NA	NA	NA	NA	0	NA	NA	NA	0	92.13	
MU2	92365	R	IC	6	N/A	N/A	A		636	7410	738		152.40	0	0		152.40	0	NA	NA	NA	NA	0	NA	NA	NA	0	96.86	
MU3	92365	R	IC	6	N/A	N/A	A		1166	6661	959		160.92	0	0		160.92	0	NA	NA	NA	NA	0	NA	NA	NA	0	187.31	
MU4	92365	R	IC	6	N/A	N/A	A		908	5978	1898		86.78	0	0		86.78	0	NA	NA	NA	NA	0	NA	NA	NA	0	78.80	
MU5	92365	R	IC	6	N/A	N/A	A		432	3626	4727		129.40	0	0		129.40	0	NA	NA	NA	NA	0	NA	NA	NA	0	55.86	
MU6	92365	R	IC	6	N/A	N/A	A		1136	5099	2559		46.75	0	0		46.75	0	NA	NA	NA	NA	0	NA	NA	NA	0	52.63	
MU7	92365	R	IC	6	N/A	N/A	A		77	5989	2718		123.11	0	0		123.11	0	NA	NA	NA	NA	0	NA	NA	NA	0	9.42	
MU1	92365	R	IC	8	N/A	N/A	A		3157	4595	1032		76.98	0	0		76.98	0	NA	NA	NA	NA	0	NA	NA	NA	0	243.05	
MU2	92365	R	IC	8	N/A	N/A	A		3944	3099	1742		216.16	0	0		216.16	0	NA	NA	NA	NA	0	NA	NA	NA	0	852.48	
MU3	92365	R	IC	8	N/A	N/A	A		2694	1505	663		4317.24	0	0.72		4317.24	0	NA	NA	NA	NA	0	NA	NA	NA	0	11631.12	
MU3	92365	R	IC	8	N/A	N/A	A		1150	2417	355		135.30	0	0.72		135.30	0	NA	NA	NA	NA	0	NA	NA	NA	0	155.85	
201	93313	C	Turbine	NA	1	Dry	A		3051.5	0	5730.5	N/A		N/A	0			0	NA	NA	0	NA	NA	NA	NA	NA	0	0	
201	93313	C	Turbine	NA	1	Dry	A		3866.9	0	4917.1		N/A	N/A	0		N/A	0	NA	NA	0	NA	NA	NA	NA	NA	0	0	
401	93313	C	Turbine	NA	1	Dry	A		698.6	0	8085.4		N/A	N/A	0		N/A	0	NA	NA	0	NA	NA	NA	NA	NA	0	0	
501	93313	C	Turbine	NA	1	Dry	A		2784.1	0	5999.9		N/A	N/A	0		N/A	0	NA	NA	0	NA	NA	NA	NA	NA	0	0	
																		0											
																		0											
																		0											
																												27,855.75	

SoCalGas, June 15, 2021

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 - 2021 June Report

Appendix 3 - Rev. 03/30/21

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.

Transmission Compressor Station Blowdowns:

ID	Geographic Location	Number of Blowdown Events	Annual Emissions (Mscf)	Explanatory Notes / Comments
NA	92225	1	1,526.55	Emergency Shutdown
NA	92225	1	1,400.56	Emergency Shutdown
NA	92225	1	1,390.37	Emergency Shutdown
NA	93313	2	1,230.45	Emergency Shutdown
NA	93313	1	620.79	Emergency Shutdown
NA	92363	1	596.18	Emergency Shutdown
NA	92365	1	312.00	Emergency Shutdown
NA	93313	4	238.61	Maintenance Blowdown
NA	93313	8	219.42	Maintenance Blowdown
NA	93313	7	209.78	Maintenance Blowdown
NA	93313	6	163.41	Maintenance Blowdown
NA	92363	10	161.18	Blowdown for leap repair
NA	92363	1	155.00	Partial Blowdown
NA	92363	8	123.35	Maintenance Blowdown
NA	93313	4	120.19	Maintenance Blowdown
NA	93313	4	116.07	Maintenance Blowdown
NA	92365	1	116.00	Leak Repair Blowdown
NA	92363	6	100.92	Maintenance Blowdown
NA	93313	4	99.57	Maintenance Blowdown
NA	92365	1	99.00	Leak Repair Blowdown
NA	93313	3	90.25	Maintenance Blowdown
NA	93313	3	85.55	Maintenance Blowdown
NA	93313	3	85.28	Maintenance Blowdown
NA	93313	3	84.50	Maintenance Blowdown
NA	93313	3	83.68	Maintenance Blowdown
NA	93001	1	83.00	Station blowdown
NA	92363	5	82.79	Maintenance Blowdown
NA	93313	2	82.24	Maintenance Blowdown
NA	93313	3	81.24	Maintenance Blowdown
NA	93313	3	80.64	Maintenance Blowdown
NA	93313	3	79.84	Maintenance Blowdown
NA	93313	3	79.48	Maintenance Blowdown
NA	93313	3	78.43	Maintenance Blowdown
NA	93313	3	77.73	Maintenance Blowdown
NA	92365	1	71.99	Maintenance Blowdown
NA	93313	3	67.22	Maintenance Blowdown
NA	92225	2	64.61	Maintenance Blowdown
NA	93001	1	64.00	Station blowdown
NA	93313	2	60.83	Maintenance Blowdown
NA	93313	2	60.11	Maintenance Blowdown
NA	92363	1	60.00	Blowdown for PSEP Project
NA	93313	2	59.75	Maintenance Blowdown
NA	93313	2	59.21	Maintenance Blowdown
NA	93313	2	59.15	Maintenance Blowdown
NA	92393	1	59.00	Complete Station Blowndown
NA	92393	1	59.00	Complete Station Blowndown

NA	93313	2	58.45	Maintenance Blowdown
NA	93313	2	57.91	Maintenance Blowdown
NA	93313	2	57.88	Maintenance Blowdown
NA	93313	2	57.86	Maintenance Blowdown
NA	93313	2	57.83	Maintenance Blowdown
NA	93313	2	57.59	Maintenance Blowdown
NA	93313	2	57.32	Maintenance Blowdown
NA	93313	2	57.17	Maintenance Blowdown
NA	93313	2	56.94	Maintenance Blowdown
NA	93313	2	56.94	Maintenance Blowdown
NA	93313	2	56.72	Maintenance Blowdown
NA	93313	2	56.65	Maintenance Blowdown
NA	93313	2	56.65	Maintenance Blowdown
NA	93313	2	56.59	Maintenance Blowdown
NA	93313	2	56.47	Maintenance Blowdown
NA	93313	2	56.10	Maintenance Blowdown
NA	93313	2	55.87	Maintenance Blowdown
NA	93313	2	55.82	Maintenance Blowdown
NA	93313	2	55.81	Maintenance Blowdown
NA	93313	2	55.58	Maintenance Blowdown
NA	93313	2	55.55	Maintenance Blowdown
NA	92225	2	55.31	Maintenance Blowdown
NA	93313	2	55.23	Maintenance Blowdown
NA	93313	2	55.10	Maintenance Blowdown
NA	93313	2	55.00	Maintenance Blowdown
NA	93313	2	54.72	Maintenance Blowdown
NA	93313	1	54.13	Maintenance Blowdown
NA	93313	2	54.05	Maintenance Blowdown
NA	93313	2	53.95	Maintenance Blowdown
NA	93313	2	53.64	Maintenance Blowdown
NA	93313	2	52.43	Maintenance Blowdown
NA	92225	3	51.60	Maintenance Blowdown
NA	93313	2	51.42	Maintenance Blowdown
NA	93313	2	51.29	Maintenance Blowdown
NA	92225	2	50.89	Maintenance Blowdown
NA	93313	2	50.35	Maintenance Blowdown
NA	93313	2	50.31	Maintenance Blowdown
NA	93313	2	49.79	Maintenance Blowdown
NA	93313	2	49.40	Maintenance Blowdown
NA	93313	2	46.99	Maintenance Blowdown
NA	92225	2	46.83	Maintenance Blowdown
NA	93313	2	44.59	Maintenance Blowdown
NA	92225	2	42.83	Maintenance Blowdown
NA	92363	1	41.96	Maintenance Blowdown
NA	92225	2	36.03	Maintenance Blowdown
NA	92363	1	35.72	Maintenance Blowdown
NA	92225	1	34.21	Maintenance Blowdown
NA	92225	2	34.14	Maintenance Blowdown
NA	92363	2	32.80	Maintenance Blowdown
NA	93313	1	31.34	Maintenance Blowdown
NA	93313	1	31.11	Maintenance Blowdown
NA	93313	1	30.65	Maintenance Blowdown
NA	93313	1	30.51	Maintenance Blowdown
NA	93313	1	30.19	Maintenance Blowdown
NA	93313	1	30.17	Maintenance Blowdown
NA	93313	1	29.98	Maintenance Blowdown
NA	93313	1	29.93	Maintenance Blowdown
NA	93313	1	29.83	Maintenance Blowdown
NA	93313	1	29.74	Maintenance Blowdown
NA	93313	1	29.47	Maintenance Blowdown
NA	93313	1	29.27	Maintenance Blowdown

NA	92225	1	29.21	Maintenance Blowdown
NA	93313	1	29.16	Maintenance Blowdown
NA	92225	1	29.12	Maintenance Blowdown
NA	93313	1	29.10	Maintenance Blowdown
NA	93313	1	29.08	Maintenance Blowdown
NA	93313	1	29.07	Maintenance Blowdown
NA	93313	1	29.06	Maintenance Blowdown
NA	93313	1	29.02	Maintenance Blowdown
NA	93313	1	29.00	Maintenance Blowdown
NA	93313	1	28.89	Maintenance Blowdown
NA	93313	1	28.86	Maintenance Blowdown
NA	93313	1	28.85	Maintenance Blowdown
NA	93313	1	28.80	Maintenance Blowdown
NA	92225	1	28.80	Maintenance Blowdown
NA	92225	1	28.79	Maintenance Blowdown
NA	93313	1	28.79	Maintenance Blowdown
NA	93313	1	28.77	Maintenance Blowdown
NA	92225	1	28.73	Maintenance Blowdown
NA	92363	2	28.65	Maintenance Blowdown
NA	93313	1	28.64	Maintenance Blowdown
NA	93313	1	28.63	Maintenance Blowdown
NA	93313	1	28.63	Maintenance Blowdown
NA	92225	1	28.62	Maintenance Blowdown
NA	93313	1	28.59	Maintenance Blowdown
NA	93313	1	28.58	Maintenance Blowdown
NA	93313	1	28.48	Maintenance Blowdown
NA	93313	1	28.43	Maintenance Blowdown
NA	93313	1	28.43	Maintenance Blowdown
NA	93313	1	28.42	Maintenance Blowdown
NA	93313	1	28.33	Maintenance Blowdown
NA	93313	1	28.26	Maintenance Blowdown
NA	92225	1	28.21	Maintenance Blowdown
NA	93313	1	28.21	Maintenance Blowdown
NA	93313	1	28.20	Maintenance Blowdown
NA	93313	1	28.16	Maintenance Blowdown
NA	92225	1	28.11	Maintenance Blowdown
NA	93313	1	27.98	Maintenance Blowdown
NA	93313	1	27.96	Maintenance Blowdown
NA	93313	1	27.95	Maintenance Blowdown
NA	93313	1	27.93	Maintenance Blowdown
NA	93313	1	27.83	Maintenance Blowdown
NA	93313	1	27.82	Maintenance Blowdown
NA	93313	1	27.79	Maintenance Blowdown
NA	93313	1	27.72	Maintenance Blowdown
NA	93313	1	27.69	Maintenance Blowdown
NA	93313	1	27.67	Maintenance Blowdown
NA	93313	1	27.60	Maintenance Blowdown
NA	93313	1	27.55	Maintenance Blowdown
NA	93313	1	27.54	Maintenance Blowdown
NA	93313	1	27.48	Maintenance Blowdown
NA	93313	1	27.44	Maintenance Blowdown
NA	93313	1	27.41	Maintenance Blowdown
NA	93313	1	27.32	Maintenance Blowdown
NA	93313	1	27.26	Maintenance Blowdown
NA	93313	1	27.22	Maintenance Blowdown
NA	92225	1	27.18	Maintenance Blowdown
NA	93313	1	27.16	Maintenance Blowdown
NA	92365	1	27.00	Replacing Relief Valve blowdown
NA	93313	1	26.91	Maintenance Blowdown
NA	93313	1	26.73	Maintenance Blowdown
NA	93313	1	26.69	Maintenance Blowdown

NA	93313	1	26.64	Maintenance Blowdown
NA	93313	1	26.63	Maintenance Blowdown
NA	93313	1	26.62	Maintenance Blowdown
NA	93313	1	26.54	Maintenance Blowdown
NA	93313	1	26.47	Maintenance Blowdown
NA	93313	1	26.36	Maintenance Blowdown
NA	93313	1	26.34	Maintenance Blowdown
NA	93313	1	26.16	Maintenance Blowdown
NA	93313	1	26.08	Maintenance Blowdown
NA	93313	1	26.04	Maintenance Blowdown
NA	93313	1	26.04	Maintenance Blowdown
NA	93313	1	25.99	Maintenance Blowdown
NA	93313	1	25.93	Maintenance Blowdown
NA	93313	1	25.91	Maintenance Blowdown
NA	93313	1	25.78	Maintenance Blowdown
NA	92225	1	25.72	Maintenance Blowdown
NA	93313	1	25.37	Maintenance Blowdown
NA	93313	1	25.33	Maintenance Blowdown
NA	93313	1	25.32	Maintenance Blowdown
NA	93313	1	25.15	Maintenance Blowdown
NA	93313	1	24.93	Maintenance Blowdown
NA	93313	1	24.65	Maintenance Blowdown
NA	92225	1	24.40	Maintenance Blowdown
NA	93313	1	24.38	Maintenance Blowdown
NA	93313	1	24.30	Maintenance Blowdown
NA	93313	1	23.94	Maintenance Blowdown
NA	93313	1	23.82	Maintenance Blowdown
NA	93313	1	23.73	Maintenance Blowdown
NA	92363	2	22.38	Maintenance Blowdown
NA	93313	1	21.17	Maintenance Blowdown
NA	93313	1	20.31	Maintenance Blowdown
NA	92225	1	19.90	Maintenance Blowdown
NA	92363	2	19.62	Maintenance Blowdown
NA	92225	1	18.52	Maintenance Blowdown
NA	92225	1	18.28	Maintenance Blowdown
NA	92225	1	18.26	Maintenance Blowdown
NA	92225	1	18.23	Maintenance Blowdown
NA	92225	1	18.09	Maintenance Blowdown
NA	92225	1	18.04	Maintenance Blowdown
NA	92225	1	18.01	Maintenance Blowdown
NA	92225	1	17.93	Maintenance Blowdown
NA	92225	1	17.89	Maintenance Blowdown
NA	92225	1	17.83	Maintenance Blowdown
NA	92225	1	17.81	Maintenance Blowdown
NA	92225	1	17.81	Maintenance Blowdown
NA	92225	1	17.67	Maintenance Blowdown
NA	92225	1	17.60	Maintenance Blowdown
NA	92225	1	17.47	Maintenance Blowdown
NA	92225	1	17.44	Maintenance Blowdown
NA	92225	1	17.39	Maintenance Blowdown
NA	92225	1	17.36	Maintenance Blowdown
NA	92225	1	17.31	Maintenance Blowdown
NA	92225	1	17.24	Maintenance Blowdown
NA	92225	1	17.08	Maintenance Blowdown
NA	92225	1	17.05	Maintenance Blowdown
NA	92225	1	17.02	Maintenance Blowdown
NA	92225	1	17.00	Maintenance Blowdown
NA	92225	1	16.96	Maintenance Blowdown
NA	92225	1	16.94	Maintenance Blowdown
NA	92363	1	16.91	Maintenance Blowdown
NA	92363	1	16.82	Maintenance Blowdown

NA	92363	1	16.63		Maintenance Blowdown
NA	92363	1	16.54		Maintenance Blowdown
NA	92363	1	16.48		Maintenance Blowdown
NA	92363	1	16.45		Maintenance Blowdown
NA	92363	1	16.45		Maintenance Blowdown
NA	92363	1	16.41		Maintenance Blowdown
NA	92225	1	16.39		Maintenance Blowdown
NA	92363	1	16.37		Maintenance Blowdown
NA	92363	1	16.35		Maintenance Blowdown
NA	92363	1	16.21		Maintenance Blowdown
NA	92363	1	16.13		Maintenance Blowdown
NA	92363	1	16.12		Maintenance Blowdown
NA	92363	1	16.09		Maintenance Blowdown
NA	92363	1	16.07		Maintenance Blowdown
NA	92363	1	15.97		Maintenance Blowdown
NA	92363	1	15.65		Maintenance Blowdown
NA	92225	1	14.87		Maintenance Blowdown
NA	92225	1	12.67		Maintenance Blowdown
NA	92363	1	11.06		Maintenance Blowdown
NA	92365	1	11.00		Leak Repair Blowdown
NA	92363	1	10.73		Maintenance Blowdown
NA	92363	1	10.14		Maintenance Blowdown
NA	92365	23		0.69	Filter Change-outs or Filter Inspections w/parts replacement - Estimated avg. gas vented = 30 scf/ea
NA	92225	20		0.6	Filter Change-outs or Filter Inspections w/parts replacement - Estimated avg. gas vented = 30 scf/ea
NA	92365	24		0.6	Meters - Estimated avg. gas vented = 25 scf/ea
NA	92225	30		0.6	Relief Valve Inspections - Estimated avg. gas vented = 20 scf/insp (annual test with Nitrogen, gas vented is volume of gas in valve)
NA	#N/A	254		0.508	Pneumatic Device Annual Inspections - Estimated avg. gas vented = 2 scf/insp (Actuator/Controller)
NA	92365	24		0.48	Relief Valve Inspections - Estimated avg. gas vented = 20 scf/insp (annual test with Nitrogen, gas vented is volume of gas in valve)
NA	93313	12		0.36	Filter Change-outs or Filter Inspections w/parts replacement - Estimated avg. gas vented = 30 scf/ea
NA	92225	14		0.35	Meters - Estimated avg. gas vented = 25 scf/ea
NA	92363	13		0.325	Meters - Estimated avg. gas vented = 25 scf/ea
NA	92363	1	0.30		LDAR "Green House Gas".
NA	93001	8		0.24	Filter Change-outs or Filter Inspections w/parts replacement - Estimated avg. gas vented = 30 scf/ea
NA	93001	9		0.225	Meters - Estimated avg. gas vented = 25 scf/ea
NA	92363	11		0.22	Relief Valve Inspections - Estimated avg. gas vented = 20 scf/insp (annual test with Nitrogen, gas vented is volume of gas in valve)
NA	92363	11		0.22	Relief Valve Inspections - Estimated avg. gas vented = 20 scf/insp (annual test with Nitrogen, gas vented is volume of gas in valve)
NA	92363	8		0.2	Meters - Estimated avg. gas vented = 25 scf/ea
NA	93313	8		0.16	Relief Valve Inspections - Estimated avg. gas vented = 20 scf/insp (annual test with Nitrogen, gas vented is volume of gas in valve)
NA	92393	7		0.14	Relief Valve Inspections - Estimated avg. gas vented = 20 scf/insp (annual test with Nitrogen, gas vented is volume of gas in valve)
NA	93313	5		0.125	Meters - Estimated avg. gas vented = 25 scf/ea
NA	93001	6		0.12	Relief Valve Inspections - Estimated avg. gas vented = 20 scf/insp (annual test with Nitrogen, gas vented is volume of gas in valve)
NA	93001	1	0.06		Overpressure protection device (relief valve) hit setpoint on compressor unit and release gas. Brief release of gas to drop pressure back normal operating levels. Abnormal operatng conditions reported and documented.
NA	93001	1	0.06		Overpressure protection device (relief valve) hit setpoint on compressor unit and release gas. Brief release of gas to drop pressure back normal operating levels. Abnormal operatng conditions reported and documented.
NA	92332	2		0.05	Meters - Estimated avg. gas vented = 25 scf/ea
NA	92332	2		0.04	Relief Valve Inspections - Estimated avg. gas vented = 20 scf/insp (annual test with Nitrogen, gas vented is volume of gas in valve)
NA	92363	1		0.03	Filter Change-outs or Filter Inspections w/parts replacement - Estimated avg. gas vented = 30 scf/ea
NA	92393	1		0.02	Analyzer
NA					
			17,166.44		

SoCalGas, June 15, 2021

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 - 2021 June Report
Appendix 3 - Rev. 03/30/21

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.
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 Compressor Station Component Vented Emissions:

ID	Geographic Location	Device Type	Bleed Rate	Manufacturer	Engineering or Manufacturer's based Estimate of Emissions	Annual Emissions (Mscf)	Explanatory Notes / Comments
2	92393	P	I	NA	0.0576	42.048	Actuators
54	92226	P	I	NA	0.0576	1135.296	Actuators
5	92323	P	I	NA	0.0576	105.12	Actuators
31	92365	P	I	NA	0.0576	651.744	Actuators
31	92363	P	I	NA	0.0576	651.744	Actuators
24	92363	P	I	NA	0.0576	504.576	Actuators
19	93006	P	I	NA	0.0576	399.456	Actuators
83	93313	P	I	NA	0.0576	1744.992	Actuators
5	92363	P	I	NA	0.0576	105.12	Controllers

Sum Total **5,340.10** Provided as an example.

SoCalGas, June 15, 2021

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 - 2021 June Report
Appendix 3 - Rev. 03/30/21

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.
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.

Transmission Compressor Station: Compressor and Component Fugitive Leaks: 12/31/20 01/01/20

ID	Geographic Location	Facility/Device Type	Emission Factor: Mscf/day/dev	Manufacturer	Discovery Date (MM/DD/YY)	Repair Date (MM/DD/YY)	Prior Survey Date (MM/DD/YY)	Number of Days Leaking	Annual Emissions (Mscf)	Explanatory Notes / Comments
1482	93006	V	0.1541		3/5/2018	1/27/2020	9/28/2017	773.00	119.1	Leak > 10,000 ppm
818	92226	V	0.1541		5/1/2018	PENDING	3/26/2018	994.00	153.2	Leak > 10,000 ppm
452	92226	OT	0.1342		5/2/2018	PENDING	3/20/2018	996.50	133.7	Leak > 10,000 ppm
453	92226	OT	0.1342		5/2/2018	PENDING	3/20/2018	996.50	133.7	Leak > 10,000 ppm
455	92226	OT	0.1342		5/2/2018	PENDING	3/20/2018	996.50	133.7	Leak > 10,000 ppm
456	92226	OT	0.1342		5/2/2018	PENDING	3/20/2018	996.50	133.7	Leak > 10,000 ppm
207.01	92363	C	0.137		1/28/2019	7/15/2020	10/15/2018	587.50	80.5	Leak > 10,000 ppm
275	92226	PR	0.0482		2/7/2019	2/26/2020	10/24/2018	438.00	21.1	Leak > 10,000 ppm
757.01	92226	C	0.137		2/25/2019	2/25/2020	11/5/2018	422.00	57.8	Leak > 10,000 ppm
1904	92393	PR	0.0482		5/7/2019	3/5/2020	2/12/2019	346.00	16.7	Leak > 10,000 ppm
1900	92393	V	0.1541		5/7/2019	3/5/2020	2/12/2019	346.00	53.3	Leak > 10,000 ppm
1208	92323	V	0.1541		6/3/2019	1/22/2020	3/8/2019	277.50	42.8	Leak > 10,000 ppm
849.14	92363	C	0.137		7/9/2019	7/15/2020	4/8/2019	419.00	57.4	Leak > 10,000 ppm
1319	92365	V	0.1541		10/25/2019	10/15/2020	7/26/2019	402.50	62.0	Leak > 10,000 ppm
272	92226	PR	0.0482		10/15/2019	2/26/2020	10/24/2018	313.00	15.1	Leak > 10,000 ppm
1082.02	92363	C	0.137		1/7/2020	1/7/2020	10/7/2019	47.00	6.4	Leak > 10,000 ppm
1090.05	92363	C	0.137		1/7/2020	1/7/2020	10/7/2019	47.00	6.4	Leak > 10,000 ppm
830.04	92363	C	0.137		1/7/2020	1/7/2020	10/7/2019	47.00	6.4	Leak > 10,000 ppm
1097.05	92363	V	0.1541		1/7/2020	1/7/2020	10/7/2019	47.00	7.2	Leak > 10,000 ppm
1100.03	92363	V	0.1541		1/7/2020	1/7/2020	10/7/2019	47.00	7.2	Leak > 10,000 ppm
1082.21	92363	V	0.1541		1/7/2020	1/7/2020	10/7/2019	47.00	7.2	Leak > 10,000 ppm
838.22	92363	V	0.1541		1/8/2020	1/8/2020	10/7/2019	47.50	7.3	Leak > 10,000 ppm
2081	92363	V	0.1541		1/8/2020	1/8/2020	10/7/2019	47.50	7.3	Leak > 10,000 ppm
2068	92363	V	0.1541		1/8/2020	1/8/2020	10/7/2019	47.50	7.3	Leak > 10,000 ppm
1136.08	92363	C	0.1342		1/13/2020	1/13/2020	10/7/2019	50.00	6.7	Leak > 10,000 ppm
1155.08	92363	C	0.1342		1/13/2020	1/15/2020	10/7/2019	52.00	7.0	Leak > 10,000 ppm
1162.09	92363	C	0.1342		1/13/2020	1/14/2020	10/7/2019	51.00	6.8	Leak > 10,000 ppm
1163.09	92363	C	0.1342		1/13/2020	1/14/2020	10/7/2019	51.00	6.8	Leak > 10,000 ppm
866	92363	PR	0.0482		1/13/2020	1/14/2020	10/7/2019	51.00	2.5	Leak > 10,000 ppm
891	92363	V	0.1541		1/13/2020	1/15/2020	10/7/2019	52.00	8.0	Leak > 10,000 ppm
1505	92363	V	0.1541		1/14/2020	1/14/2020	10/7/2019	50.50	7.8	Leak > 10,000 ppm
1124	92363	V	0.1541		1/14/2020	1/15/2020	10/7/2019	51.50	7.9	Leak > 10,000 ppm
1107.17	92363	V	0.1541		1/14/2020	1/14/2020	10/7/2019	50.50	7.8	Leak > 10,000 ppm
1182	92363	V	0.1541		1/14/2020	1/15/2020	10/7/2019	51.50	7.9	Leak > 10,000 ppm
579.22	92363	C	0.137		1/15/2020	1/15/2020	10/7/2019	51.00	7.0	Leak > 10,000 ppm
1110.14	92363	V	0.1541		1/15/2020	1/15/2020	10/7/2019	51.00	7.9	Leak > 10,000 ppm
1111.1	92363	V	0.1541		1/15/2020	1/15/2020	10/7/2019	51.00	7.9	Leak > 10,000 ppm
1221.08	92323	C	0.137		1/21/2020	1/21/2020	12/9/2019	22.50	3.1	Leak > 10,000 ppm
1226.02	92323	OT	0.1541		1/21/2020	1/21/2020	12/9/2019	22.50	3.5	Leak > 10,000 ppm
1208.89	92323	OT	0.0984		1/21/2020	1/22/2020	12/9/2019	23.50	2.3	Leak > 10,000 ppm
1239.29	92323	C	0.137		1/22/2020	1/22/2020	12/9/2019	23.00	3.2	Leak > 10,000 ppm
1242.04	92323	V	0.1541		1/22/2020	1/22/2020	12/9/2019	23.00	3.5	Leak > 10,000 ppm
502.2	92226	C	0.137		1/28/2020	1/30/2020	10/14/2019	56.00	7.7	Leak > 10,000 ppm
221.16	92226	C	0.137		1/28/2020	1/30/2020	10/14/2019	56.00	7.7	Leak > 10,000 ppm
233.15	92226	C	0.137		1/28/2020	1/30/2020	10/14/2019	56.00	7.7	Leak > 10,000 ppm
13158.05	92226	C	0.137		1/28/2020	2/26/2020	10/14/2019	83.00	11.4	Leak > 10,000 ppm
857.35	92226	C	0.137		1/28/2020	2/26/2020	10/14/2019	83.00	11.4	Leak > 10,000 ppm
276.03	92226	V	0.1541		1/28/2020	1/30/2020	10/14/2019	56.00	8.6	Leak > 10,000 ppm
13158.1	92226	V	0.1541		1/28/2020	2/26/2020	10/14/2019	83.00	12.8	Leak > 10,000 ppm
13158.04	92226	V	0.1541		1/28/2020	2/26/2020	10/14/2019	83.00	12.8	Leak > 10,000 ppm
857.1	92226	V	0.1541		1/28/2020	2/26/2020	10/14/2019	83.00	12.8	Leak > 10,000 ppm
758.02	92226	C	0.1342		1/29/2020	1/30/2020	10/14/2019	55.50	7.4	Leak > 10,000 ppm
813.22	92226	C	0.137		1/29/2020	2/26/2020	10/14/2019	82.50	11.3	Leak > 10,000 ppm
755.11	92226	V	0.3562		1/29/2020	1/30/2020	10/14/2019	55.50	19.8	Leak > 10,000 ppm
756	92226	V	0.3562		1/29/2020	4/16/2020	10/14/2019	132.50	47.2	Leak > 10,000 ppm
759	92226	V	0.3562		1/29/2020	4/16/2020	10/14/2019	132.50	47.2	Leak > 10,000 ppm
449.03	92226	C	0.1342		2/3/2020	2/6/2020	10/14/2019	60.00	8.1	Leak > 10,000 ppm
449.01	92226	C	0.1342		2/3/2020	2/6/2020	10/14/2019	60.00	8.1	Leak > 10,000 ppm
699.21	92226	C	0.137		2/3/2020	2/3/2020	10/14/2019	57.00	7.8	Leak > 10,000 ppm
131.01	92226	C	0.137		2/3/2020	2/4/2020	10/14/2019	58.00	7.9	Leak > 10,000 ppm
379.06	92226	V	0.1541		2/3/2020	2/3/2020	10/14/2019	57.00	8.8	Leak > 10,000 ppm
460.03	92226	C	0.137		2/4/2020	2/26/2020	10/14/2019	79.50	10.9	Leak > 10,000 ppm
398.07	92226	C	0.137		2/4/2020	2/26/2020	10/14/2019	79.50	10.9	Leak > 10,000 ppm
398.13	92226	C	0.137		2/4/2020	2/26/2020	10/14/2019	79.50	10.9	Leak > 10,000 ppm
427.01	92226	C	0.137		2/4/2020	2/5/2020	10/14/2019	58.50	8.0	Leak > 10,000 ppm
730.04	92226	C	0.137		2/4/2020	2/5/2020	10/14/2019	58.50	8.0	Leak > 10,000 ppm
463	92226	OT	0.1342		2/4/2020	PENDING	10/14/2019	388.50	52.1	Leak > 10,000 ppm
979.07	92226	V	0.1541		2/5/2020	2/5/2020	10/14/2019	58.00	8.9	Leak > 10,000 ppm
1284.09	92365	C	0.137		2/18/2020	2/19/2020	10/21/2019	62.00	8.5	Leak > 10,000 ppm
1280	92365	OT	0.0984		2/18/2020	2/19/2020	10/21/2019	62.00	6.1	Leak > 10,000 ppm
1266.02	92365	V	0.1541		2/18/2020	2/18/2020	10/21/2019	61.00	9.4	Leak > 10,000 ppm
1307.33	92365	C	0.137		2/19/2020	2/19/2020	10/21/2019	61.50	8.4	Leak > 10,000 ppm
2328.14	92365	C	0.137		2/19/2020	2/19/2020	10/21/2019	61.50	8.4	Leak > 10,000 ppm
1318	92365	V	0.1541		2/19/2020	10/15/2020	10/21/2019	300.50	46.3	Leak > 10,000 ppm
1352.04	92393	C	0.137		3/2/2020	3/2/2020	11/12/2019	56.50	7.7	Leak > 10,000 ppm

13212.2	92393	OT	0.0984	3/3/2020	3/3/2020	11/12/2019	57.00	5.6	Leak > 10,000 ppm
13176.22	92393	OT	0.0984	3/3/2020	3/3/2020	11/12/2019	57.00	5.6	Leak > 10,000 ppm
13178.17	92393	OT	0.0984	3/3/2020	3/3/2020	11/12/2019	57.00	5.6	Leak > 10,000 ppm
1616	92393	V	0.1541	3/4/2020	3/4/2020	11/12/2019	57.50	8.9	Leak > 10,000 ppm
1390.52	93313	C	0.137	3/10/2020	3/10/2020	12/2/2019	50.50	6.9	Leak > 10,000 ppm
1382	93313	V	0.1541	3/10/2020	3/10/2020	12/2/2019	50.50	7.8	Leak > 10,000 ppm
1410	93313	V	0.1541	3/10/2020	3/10/2020	12/2/2019	50.50	7.8	Leak > 10,000 ppm
1454.05	93006	C	0.137	3/20/2020	3/20/2020	11/18/2019	62.50	8.6	Leak > 10,000 ppm
1486.02	93006	V	0.1541	3/20/2020	3/20/2020	11/18/2019	62.50	9.6	Leak > 10,000 ppm
1488.02	93006	V	0.1541	3/20/2020	3/20/2020	11/18/2019	62.50	9.6	Leak > 10,000 ppm
2169	93006	V	0.1541	3/20/2020	3/20/2020	11/18/2019	62.50	9.6	Leak > 10,000 ppm
206.05	92363	C	0.137	4/7/2020	4/9/2020	1/7/2020	48.50	6.6	Leak > 10,000 ppm
843.07	92363	V	0.1541	4/7/2020	4/7/2020	1/7/2020	46.50	7.2	Leak > 10,000 ppm
1133.23	92363	C	0.1342	4/15/2020	6/18/2020	1/15/2020	110.50	14.8	Leak > 10,000 ppm
1136.06	92363	C	0.1342	4/15/2020	6/18/2020	1/15/2020	110.50	14.8	Leak > 10,000 ppm
1136.23	92363	C	0.1342	4/15/2020	6/18/2020	1/15/2020	110.50	14.8	Leak > 10,000 ppm
1133	92363	OT	0.1342	4/15/2020	6/18/2020	1/15/2020	110.50	14.8	Leak > 10,000 ppm
1133.16	92363	OT	0.1342	4/15/2020	6/18/2020	1/15/2020	110.50	14.8	Leak > 10,000 ppm
1134	92363	OT	0.1342	4/15/2020	6/18/2020	1/15/2020	110.50	14.8	Leak > 10,000 ppm
1136	92363	OT	0.1342	4/15/2020	6/18/2020	1/15/2020	110.50	14.8	Leak > 10,000 ppm
1109	92363	V	0.1541	4/15/2020	4/16/2020	1/15/2020	47.50	7.3	Leak > 10,000 ppm
475.04	92226	C	0.137	4/27/2020	4/27/2020	1/27/2020	46.50	6.4	Leak > 10,000 ppm
255.02	92226	C	0.137	4/28/2020	4/28/2020	1/27/2020	47.00	6.4	Leak > 10,000 ppm
818.06	92226	C	0.137	4/28/2020	4/29/2020	1/27/2020	48.00	6.6	Leak > 10,000 ppm
413	92226	OT	0.1342	4/29/2020	4/30/2020	1/27/2020	48.50	6.5	Leak > 10,000 ppm
384	92226	OT	0.1342	5/4/2020	5/5/2020	1/27/2020	51.00	6.8	Leak > 10,000 ppm
1383.03	93313	V	0.1541	5/11/2020	5/13/2020	3/10/2020	34.00	5.2	Leak > 10,000 ppm
1984	93313	V	0.1541	5/11/2020	5/11/2020	3/10/2020	32.00	4.9	Leak > 10,000 ppm
1139.07	92363	C	0.1342	7/15/2020	7/15/2020	4/13/2020	47.50	6.4	Leak > 10,000 ppm
833.01	92363	C	0.137	7/20/2020	7/21/2020	4/7/2020	54.00	7.4	Leak > 10,000 ppm
760.16	92226	V	0.1541	7/28/2020	7/29/2020	4/27/2020	48.00	7.4	Leak > 10,000 ppm
774.08	92226	C	0.137	7/29/2020	7/29/2020	4/27/2020	47.50	6.5	Leak > 10,000 ppm
734	92226	V	0.1541	8/3/2020	8/4/2020	4/27/2020	51.00	7.9	Leak > 10,000 ppm
1392.05	93313	C	0.137	8/11/2020	LDAR OPEN LEAK - PI	5/11/2020	189.00	25.9	Leak > 10,000 ppm
1392.04	93313	V	0.1541	8/11/2020	LDAR OPEN LEAK - PI	5/11/2020	189.00	29.1	Leak > 10,000 ppm
1383.07	93313	V	0.1541	8/11/2020	LDAR OPEN LEAK - PI	5/11/2020	189.00	29.1	Leak > 10,000 ppm
2230.33	93313	C	0.137	8/12/2020	8/12/2020	5/11/2020	47.50	6.5	Leak > 10,000 ppm
1706	93006	V	0.1541	8/17/2020	8/17/2020	5/18/2020	46.50	7.2	Leak > 10,000 ppm
2045.03	93006	C	0.1342	8/18/2020	8/18/2020	5/18/2020	47.00	6.3	Leak > 10,000 ppm
2024.04	93006	C	0.1342	8/18/2020	8/18/2020	5/18/2020	47.00	6.3	Leak > 10,000 ppm
2171.21	93006	C	0.137	8/19/2020	8/19/2020	5/18/2020	47.50	6.5	Leak > 10,000 ppm
2255	92365	C	0.137	9/3/2020	9/3/2020	6/2/2020	47.50	6.5	Leak > 10,000 ppm
1345.15	92393	C	0.137	9/8/2020	9/10/2020	5/26/2020	55.50	7.6	Leak > 10,000 ppm
1365.32	92393	OT	0.1541	9/9/2020	9/11/2020	5/26/2020	56.00	8.6	Leak > 10,000 ppm
1365.34	92393	OT	0.0984	9/9/2020	9/10/2020	5/26/2020	55.00	5.4	Leak > 10,000 ppm
1124.04	92363	C	0.137	10/5/2020	10/5/2020	7/13/2020	43.00	5.9	Leak > 10,000 ppm
875.18	92363	OT	0.1541	10/6/2020	10/6/2020	7/13/2020	43.50	6.7	Leak > 10,000 ppm
1904	92393	PR	0.0482	10/15/2020	10/15/2020	9/8/2020	19.50	0.9	Leak > 10,000 ppm
830.04	92363	C	0.137	10/19/2020	10/19/2020	7/20/2020	46.50	6.4	Leak > 10,000 ppm
1098	92363	PR	0.0482	10/19/2020	10/19/2020	7/20/2020	46.50	2.2	Leak > 10,000 ppm
13200	92363	V	0.1541	10/19/2020	10/19/2020	7/20/2020	46.50	7.2	Leak > 10,000 ppm
174.07	92363	C	0.137	10/20/2020	10/20/2020	7/20/2020	47.00	6.4	Leak > 10,000 ppm
2266	92363	OT	0.0984	10/20/2020	PENDING	7/20/2020	119.00	11.7	Leak > 10,000 ppm
2068	92363	V	0.1541	10/20/2020	10/20/2020	7/20/2020	47.00	7.2	Leak > 10,000 ppm
723.33	92226	OT	0.1541	11/2/2020	11/3/2020	7/27/2020	51.00	7.9	Leak > 10,000 ppm
1041	92226	V	0.1541	11/2/2020	11/4/2020	7/27/2020	52.00	8.0	Leak > 10,000 ppm
1033	92226	V	0.1541	11/2/2020	11/5/2020	7/27/2020	53.00	8.2	Leak > 10,000 ppm
497.17	92226	OT	0.1541	11/3/2020	11/4/2020	7/27/2020	51.50	7.9	Leak > 10,000 ppm
163.05	92226	C	0.137	11/4/2020	11/4/2020	7/27/2020	51.00	7.0	Leak > 10,000 ppm
475.04	92226	C	0.137	11/4/2020	11/4/2020	7/27/2020	51.00	7.0	Leak > 10,000 ppm
2091	92226	V	0.1541	11/4/2020	11/4/2020	7/27/2020	51.00	7.9	Leak > 10,000 ppm
2247	93313	V	0.1541	11/10/2020	11/10/2020	8/10/2020	47.00	7.2	Leak > 10,000 ppm
2225	93313	V	0.1541	11/10/2020	11/10/2020	8/10/2020	47.00	7.2	Leak > 10,000 ppm
2242	93313	V	0.1541	11/10/2020	11/24/2020	8/10/2020	61.00	9.4	Leak > 10,000 ppm
1637	93313	V	0.1541	11/10/2020	11/12/2020	8/10/2020	49.00	7.6	Leak > 10,000 ppm
1716	93006	V	0.1541	11/16/2020	11/16/2020	8/17/2020	46.50	7.2	Leak > 10,000 ppm
1446.03	93006	C	0.137	11/17/2020	11/17/2020	8/17/2020	47.00	6.4	Leak > 10,000 ppm
1460.04	93006	V	0.1541	11/18/2020	11/18/2020	8/17/2020	47.50	7.3	Leak > 10,000 ppm
2169	93006	V	0.1541	11/18/2020	11/18/2020	8/17/2020	47.50	7.3	Leak > 10,000 ppm
2204.03	92365	C	0.137	11/30/2020	11/30/2020	8/31/2020	46.50	6.4	Leak > 10,000 ppm
1299.01	92365	C	0.137	11/30/2020	11/30/2020	8/31/2020	46.50	6.4	Leak > 10,000 ppm
1316.18	92365	C	0.137	11/30/2020	11/30/2020	8/31/2020	46.50	6.4	Leak > 10,000 ppm
1321.09	92365	V	0.1541	11/30/2020	11/30/2020	8/31/2020	46.50	7.2	Leak > 10,000 ppm
1293	92365	V	0.1541	12/1/2020	12/1/2020	8/31/2020	47.00	7.2	Leak > 10,000 ppm
1270.62	92365	V	0.1541	12/1/2020	12/1/2020	8/31/2020	47.00	7.2	Leak > 10,000 ppm
391.21	92226	C	0.137	12/15/2020	12/15/2020	7/27/2020	71.50	9.8	Leak > 10,000 ppm
385.21	92226	C	0.1342	12/15/2020	12/15/2020	7/27/2020	71.50	9.6	Leak > 10,000 ppm
383.21	92226	C	0.1342	12/15/2020	12/15/2020	7/27/2020	71.50	9.6	Leak > 10,000 ppm
7517250	#N/A	V	0.1541	12/20/2020	12/20/2020	9/18/2020	47.50	NA	Leak < 10,000 ppm - included for informational Purposes only
1221.07	92323	C	0.137	4/22/2020	4/22/2020	1/21/2020	47.00	NA	Leak < 10,000 ppm - included for informational Purposes only
7084021	92365	C	0.137	7/26/2019	6/4/2020	5/8/2019	354.50	NA	Leak < 10,000 ppm - included for informational Purposes only
1091.05	92363	C	0.137	1/7/2020	1/7/2020	10/7/2019	47.00	NA	Leak < 10,000 ppm - included for informational Purposes only
1077.24	92363	C	0.137	1/7/2020	1/7/2020	10/7/2019	47.00	NA	Leak < 10,000 ppm - included for informational Purposes only
1077.13	92363	C	0.137	1/7/2020	1/7/2020	10/7/2019	47.00	NA	Leak < 10,000 ppm - included for informational Purposes only
1077.15	92363	C	0.137	1/7/2020	1/7/2020	10/7/2019	47.00	NA	Leak < 10,000 ppm - included for informational Purposes only
1082.53	92363	C	0.137	1/7/2020	1/7/2020	10/7/2019	47.00	NA	Leak < 10,000 ppm - included for informational Purposes only
514.18	92363	C	0.137	1/7/2020	1/7/2020	10/7/2019	47.00	NA	Leak < 10,000 ppm - included for informational Purposes only
1100.17	92363	V	0.1541	1/7/2020	1/7/2020	10/7/2019	47.00	NA	Leak < 10,000 ppm - included for informational Purposes only
206.01	92363	C	0.137	1/8/2020	7/15/2020	10/7/2019	236.50	NA	Leak < 10,000 ppm - included for informational Purposes only
179.01	92363	C	0.137	1/8/2020	1/8/2020	10/7/2019	47.50	NA	Leak < 10,000 ppm - included for informational Purposes only
2075	92363	V	0.1541	1/8/2020	1/8/2020	10/7/2019	47.50	NA	Leak < 10,000 ppm - included for informational Purposes only

2078	92363	V	0.1541	1/8/2020	1/8/2020	10/7/2019	47.50	NA	Leak < 10,000 ppm - included for informational Purposes only
2071	92363	V	0.1541	1/8/2020	1/8/2020	10/7/2019	47.50	NA	Leak < 10,000 ppm - included for informational Purposes only
865.01	92363	C	0.137	1/13/2020	1/14/2020	10/7/2019	51.00	NA	Leak < 10,000 ppm - included for informational Purposes only
874.04	92363	C	0.137	1/13/2020	1/14/2020	10/7/2019	51.00	NA	Leak < 10,000 ppm - included for informational Purposes only
882.03	92363	C	0.137	1/13/2020	1/14/2020	10/7/2019	51.00	NA	Leak < 10,000 ppm - included for informational Purposes only
1154	92363	OT	0.1342	1/13/2020	1/15/2020	10/7/2019	52.00	NA	Leak < 10,000 ppm - included for informational Purposes only
875.13	92363	OT	0.1541	1/13/2020	1/14/2020	10/7/2019	51.00	NA	Leak < 10,000 ppm - included for informational Purposes only
886	92363	PR	0.0482	1/13/2020	1/15/2020	10/7/2019	52.00	NA	Leak < 10,000 ppm - included for informational Purposes only
873	92363	V	0.1541	1/13/2020	1/13/2020	10/7/2019	50.00	NA	Leak < 10,000 ppm - included for informational Purposes only
887	92363	V	0.1541	1/13/2020	1/15/2020	10/7/2019	52.00	NA	Leak < 10,000 ppm - included for informational Purposes only
13230	92363	V	0.1541	1/13/2020	1/14/2020	10/7/2019	51.00	NA	Leak < 10,000 ppm - included for informational Purposes only
897	92363	V	0.1541	1/13/2020	1/13/2020	10/7/2019	50.00	NA	Leak < 10,000 ppm - included for informational Purposes only
865	92363	V	0.1541	1/13/2020	1/14/2020	10/7/2019	51.00	NA	Leak < 10,000 ppm - included for informational Purposes only
875.27	92363	V	0.1541	1/13/2020	1/13/2020	10/7/2019	50.00	NA	Leak < 10,000 ppm - included for informational Purposes only
890	92363	V	0.1541	1/13/2020	1/14/2020	10/7/2019	51.00	NA	Leak < 10,000 ppm - included for informational Purposes only
896	92363	V	0.1541	1/13/2020	1/14/2020	10/7/2019	51.00	NA	Leak < 10,000 ppm - included for informational Purposes only
900.04	92363	V	0.1541	1/13/2020	1/14/2020	10/7/2019	51.00	NA	Leak < 10,000 ppm - included for informational Purposes only
1511.14	92363	C	0.137	1/14/2020	1/15/2020	10/7/2019	51.50	NA	Leak < 10,000 ppm - included for informational Purposes only
871	92363	V	0.1541	1/14/2020	1/14/2020	10/7/2019	50.50	NA	Leak < 10,000 ppm - included for informational Purposes only
1123	92363	V	0.1541	1/14/2020	1/15/2020	10/7/2019	51.50	NA	Leak < 10,000 ppm - included for informational Purposes only
1513.04	92363	C	0.137	1/15/2020	1/15/2020	10/7/2019	51.00	NA	Leak < 10,000 ppm - included for informational Purposes only
1719.04	92363	C	0.137	1/15/2020	9/16/2020	10/7/2019	296.00	NA	Leak < 10,000 ppm - included for informational Purposes only
1110.13	92363	C	0.137	1/15/2020	1/15/2020	10/7/2019	51.00	NA	Leak < 10,000 ppm - included for informational Purposes only
1515.12	92363	C	0.137	1/15/2020	1/15/2020	10/7/2019	51.00	NA	Leak < 10,000 ppm - included for informational Purposes only
579.21	92363	C	0.137	1/15/2020	1/15/2020	10/7/2019	51.00	NA	Leak < 10,000 ppm - included for informational Purposes only
581.01	92363	C	0.137	1/15/2020	1/15/2020	10/7/2019	51.00	NA	Leak < 10,000 ppm - included for informational Purposes only
574.03	92363	C	0.137	1/15/2020	1/16/2020	10/7/2019	52.00	NA	Leak < 10,000 ppm - included for informational Purposes only
576.08	92363	C	0.137	1/15/2020	1/16/2020	10/7/2019	52.00	NA	Leak < 10,000 ppm - included for informational Purposes only
1514.17	92363	OT	0.1541	1/15/2020	1/15/2020	10/7/2019	51.00	NA	Leak < 10,000 ppm - included for informational Purposes only
1209.97	92323	C	0.137	1/21/2020	1/21/2020	12/9/2019	22.50	NA	Leak < 10,000 ppm - included for informational Purposes only
1209.96	92323	V	0.1541	1/21/2020	1/21/2020	12/9/2019	22.50	NA	Leak < 10,000 ppm - included for informational Purposes only
1209.102	92323	V	0.1541	1/21/2020	1/21/2020	12/9/2019	22.50	NA	Leak < 10,000 ppm - included for informational Purposes only
1231.38	92323	C	0.137	1/22/2020	1/22/2020	12/9/2019	23.00	NA	Leak < 10,000 ppm - included for informational Purposes only
1243.13	92323	C	0.137	1/22/2020	1/22/2020	12/9/2019	23.00	NA	Leak < 10,000 ppm - included for informational Purposes only
1239.28	92323	C	0.137	1/22/2020	1/22/2020	12/9/2019	23.00	NA	Leak < 10,000 ppm - included for informational Purposes only
1235.3	92323	C	0.137	1/22/2020	1/22/2020	12/9/2019	23.00	NA	Leak < 10,000 ppm - included for informational Purposes only
1244.06	92323	OT	0.0984	1/22/2020	1/22/2020	12/9/2019	23.00	NA	Leak < 10,000 ppm - included for informational Purposes only
1066	92226	C	0.137	1/27/2020	2/4/2020	10/14/2019	61.50	NA	Leak < 10,000 ppm - included for informational Purposes only
1067.11	92226	C	0.137	1/27/2020	2/4/2020	10/14/2019	61.50	NA	Leak < 10,000 ppm - included for informational Purposes only
209.1	92226	C	0.137	1/27/2020	2/4/2020	10/14/2019	61.50	NA	Leak < 10,000 ppm - included for informational Purposes only
165.07	92226	V	0.1541	1/27/2020	2/26/2020	10/14/2019	83.50	NA	Leak < 10,000 ppm - included for informational Purposes only
496.13	92226	C	0.137	1/28/2020	1/30/2020	10/14/2019	56.00	NA	Leak < 10,000 ppm - included for informational Purposes only
502.36	92226	C	0.137	1/28/2020	2/4/2020	10/14/2019	61.00	NA	Leak < 10,000 ppm - included for informational Purposes only
497.43	92226	C	0.137	1/28/2020	2/4/2020	10/14/2019	61.00	NA	Leak < 10,000 ppm - included for informational Purposes only
495.12	92226	C	0.137	1/28/2020	1/30/2020	10/14/2019	56.00	NA	Leak < 10,000 ppm - included for informational Purposes only
496.14	92226	C	0.137	1/28/2020	1/30/2020	10/14/2019	56.00	NA	Leak < 10,000 ppm - included for informational Purposes only
278.2	92226	C	0.137	1/28/2020	2/26/2020	10/14/2019	83.00	NA	Leak < 10,000 ppm - included for informational Purposes only
242.12	92226	C	0.137	1/28/2020	1/30/2020	10/14/2019	56.00	NA	Leak < 10,000 ppm - included for informational Purposes only
253.14	92226	C	0.137	1/28/2020	1/30/2020	10/14/2019	56.00	NA	Leak < 10,000 ppm - included for informational Purposes only
263.14	92226	C	0.137	1/28/2020	1/30/2020	10/14/2019	56.00	NA	Leak < 10,000 ppm - included for informational Purposes only
496.25	92226	OT	0.1541	1/28/2020	2/4/2020	10/14/2019	61.00	NA	Leak < 10,000 ppm - included for informational Purposes only
283	92226	V	0.1541	1/28/2020	2/26/2020	10/14/2019	83.00	NA	Leak < 10,000 ppm - included for informational Purposes only
284	92226	V	0.1541	1/28/2020	2/26/2020	10/14/2019	83.00	NA	Leak < 10,000 ppm - included for informational Purposes only
277.03	92226	V	0.1541	1/28/2020	1/30/2020	10/14/2019	56.00	NA	Leak < 10,000 ppm - included for informational Purposes only
857	92226	V	0.1541	1/28/2020	11/9/2020	10/14/2019	340.00	NA	Leak < 10,000 ppm - included for informational Purposes only
269.03	92226	C	0.137	1/29/2020	4/16/2020	10/14/2019	132.50	NA	Leak < 10,000 ppm - included for informational Purposes only
806.15	92226	C	0.137	1/29/2020	2/26/2020	10/14/2019	82.50	NA	Leak < 10,000 ppm - included for informational Purposes only
755.06	92226	V	0.3562	1/29/2020	1/30/2020	10/14/2019	55.50	NA	Leak < 10,000 ppm - included for informational Purposes only
268	92226	V	0.1541	1/29/2020	4/16/2020	10/14/2019	132.50	NA	Leak < 10,000 ppm - included for informational Purposes only
817	92226	V	0.1541	1/29/2020	7/27/2020	10/14/2019	234.50	NA	Leak < 10,000 ppm - included for informational Purposes only
506.44	92226	V	0.1541	1/29/2020	2/4/2020	10/14/2019	60.50	NA	Leak < 10,000 ppm - included for informational Purposes only
108.03	92226	C	0.137	2/3/2020	2/4/2020	10/14/2019	58.00	NA	Leak < 10,000 ppm - included for informational Purposes only
129.01	92226	C	0.137	2/3/2020	2/4/2020	10/14/2019	58.00	NA	Leak < 10,000 ppm - included for informational Purposes only
234.04	92226	V	0.1541	2/3/2020	2/4/2020	10/14/2019	58.00	NA	Leak < 10,000 ppm - included for informational Purposes only
378.06	92226	V	0.1541	2/3/2020	2/4/2020	10/14/2019	58.00	NA	Leak < 10,000 ppm - included for informational Purposes only
108.05	92226	V	0.1541	2/3/2020	2/4/2020	10/14/2019	58.00	NA	Leak < 10,000 ppm - included for informational Purposes only
462.03	92226	C	0.137	2/4/2020	2/13/2020	10/14/2019	66.50	NA	Leak < 10,000 ppm - included for informational Purposes only
126.06	92226	C	0.137	2/4/2020	2/5/2020	10/14/2019	58.50	NA	Leak < 10,000 ppm - included for informational Purposes only
122.01	92226	C	0.137	2/4/2020	2/5/2020	10/14/2019	58.50	NA	Leak < 10,000 ppm - included for informational Purposes only
567.22	92226	C	0.137	2/4/2020	2/5/2020	10/14/2019	58.50	NA	Leak < 10,000 ppm - included for informational Purposes only
460	92226	OT	0.1342	2/4/2020	**PENDING**	10/14/2019	388.50	NA	Leak < 10,000 ppm - included for informational Purposes only
463.07	92226	V	0.1541	2/4/2020	2/26/2020	10/14/2019	79.50	NA	Leak < 10,000 ppm - included for informational Purposes only
391.18	92226	C	0.137	2/5/2020	2/6/2020	10/14/2019	59.00	NA	Leak < 10,000 ppm - included for informational Purposes only
385.18	92226	C	0.137	2/5/2020	2/13/2020	10/14/2019	66.00	NA	Leak < 10,000 ppm - included for informational Purposes only
384.2	92226	C	0.137	2/5/2020	2/13/2020	10/14/2019	66.00	NA	Leak < 10,000 ppm - included for informational Purposes only
426.04	92226	C	0.137	2/5/2020	2/13/2020	10/14/2019	66.00	NA	Leak < 10,000 ppm - included for informational Purposes only
2329.06	92226	C	0.137	2/5/2020	4/16/2020	10/14/2019	129.00	NA	Leak < 10,000 ppm - included for informational Purposes only
2329.03	92226	C	0.137	2/5/2020	4/16/2020	10/14/2019	129.00	NA	Leak < 10,000 ppm - included for informational Purposes only
390	92226	OT	0.1342	2/5/2020	2/6/2020	10/14/2019	59.00	NA	Leak < 10,000 ppm - included for informational Purposes only
385	92226	OT	0.1342	2/5/2020	2/13/2020	10/14/2019	66.00	NA	Leak < 10,000 ppm - included for informational Purposes only
384.11	92226	OT	0.3562	2/5/2020	2/13/2020	10/14/2019	66.00	NA	Leak < 10,000 ppm - included for informational Purposes only
417.18	92226	OT	0.1342	2/5/2020	7/28/2020	10/14/2019	232.00	NA	Leak < 10,000 ppm - included for informational Purposes only
390.08	92226	V	0.1541	2/5/2020	2/6/2020	10/14/2019	59.00	NA	Leak < 10,000 ppm - included for informational Purposes only
1697	93006	OT	0.0984	2/11/2020	7/27/2020	11/18/2019	210.50	NA	Leak < 10,000 ppm - included for informational Purposes only
1520.29	92365	C	0.137	2/18/2020	2/18/2020	10/21/2019	61.00	NA	Leak < 10,000 ppm - included for informational Purposes only
1859.19	92365	C	0.137	2/18/2020	2/18/2020	10/21/2019	61.00	NA	Leak < 10,000 ppm - included for informational Purposes only
1860.04	92365	C	0.137	2/18/2020	2/18/2020	10/21/2019	61.00	NA	Leak < 10,000 ppm - included for informational Purposes only
1523.1	92365	C	0.137	2/18/2020	2/18/2020	10/21/2019	61.00	NA	Leak < 10,000 ppm - included for informational Purposes only
1546.08	92365	C	0.137	2/18/2020	2/18/2020	10/21/2019	61.00	NA	Leak < 10,000 ppm - included for informational Purposes only
1270.61	92365	C	0.137	2/18/2020	2/18/2020	10/21/2019	61.00	NA	Leak < 10,000 ppm - included for informational Purposes only
1253.08	92365	C	0.137	2/18/2020	2/18/2020	10/21/2019	61.00	NA	Leak < 10,000 ppm - included for informational Purposes only

1328.01	92365	C	0.137	2/18/2020	3/2/2020	10/21/2019	74.00	NA	Leak < 10,000 ppm - included for informational Purposes only
1280.01	92365	C	0.137	2/18/2020	2/19/2020	10/21/2019	62.00	NA	Leak < 10,000 ppm - included for informational Purposes only
1316.14	92365	C	0.137	2/19/2020	2/19/2020	10/21/2019	61.50	NA	Leak < 10,000 ppm - included for informational Purposes only
1316.07	92365	C	0.137	2/19/2020	2/19/2020	10/21/2019	61.50	NA	Leak < 10,000 ppm - included for informational Purposes only
1315.01	92365	C	0.137	2/19/2020	10/15/2020	10/21/2019	300.50	NA	Leak < 10,000 ppm - included for informational Purposes only
1313.01	92365	C	0.137	2/19/2020	2/19/2020	10/21/2019	61.50	NA	Leak < 10,000 ppm - included for informational Purposes only
1312.01	92365	C	0.137	2/19/2020	2/19/2020	10/21/2019	61.50	NA	Leak < 10,000 ppm - included for informational Purposes only
1314.01	92365	C	0.137	2/19/2020	2/19/2020	10/21/2019	61.50	NA	Leak < 10,000 ppm - included for informational Purposes only
1314.04	92365	C	0.137	2/19/2020	6/2/2020	10/21/2019	165.50	NA	Leak < 10,000 ppm - included for informational Purposes only
2328.07	92365	C	0.137	2/19/2020	2/19/2020	10/21/2019	61.50	NA	Leak < 10,000 ppm - included for informational Purposes only
2326.19	92365	C	0.1342	2/20/2020	2/20/2020	10/21/2019	62.00	NA	Leak < 10,000 ppm - included for informational Purposes only
2321.2	92365	C	0.1342	2/20/2020	2/20/2020	10/21/2019	62.00	NA	Leak < 10,000 ppm - included for informational Purposes only
2323.09	92365	V	0.3562	2/20/2020	2/20/2020	10/21/2019	62.00	NA	Leak < 10,000 ppm - included for informational Purposes only
2321.09	92365	V	0.3562	2/20/2020	2/20/2020	10/21/2019	62.00	NA	Leak < 10,000 ppm - included for informational Purposes only
2327.22	92365	V	0.3562	2/20/2020	2/20/2020	10/21/2019	62.00	NA	Leak < 10,000 ppm - included for informational Purposes only
2326.18	92365	V	0.3562	2/20/2020	2/20/2020	10/21/2019	62.00	NA	Leak < 10,000 ppm - included for informational Purposes only
2326.02	92365	V	0.3562	2/20/2020	2/20/2020	10/21/2019	62.00	NA	Leak < 10,000 ppm - included for informational Purposes only
2321.15	92365	V	0.3562	2/20/2020	2/20/2020	10/21/2019	62.00	NA	Leak < 10,000 ppm - included for informational Purposes only
1356.4	92393	C	0.137	3/2/2020	3/2/2020	11/12/2019	56.50	NA	Leak < 10,000 ppm - included for informational Purposes only
1903.22	92393	C	0.137	3/2/2020	3/2/2020	11/12/2019	56.50	NA	Leak < 10,000 ppm - included for informational Purposes only
1903.15	92393	C	0.137	3/2/2020	3/2/2020	11/12/2019	56.50	NA	Leak < 10,000 ppm - included for informational Purposes only
1361.15	92393	C	0.137	3/2/2020	3/2/2020	11/12/2019	56.50	NA	Leak < 10,000 ppm - included for informational Purposes only
1356.07	92393	OT	0.1541	3/2/2020	3/2/2020	11/12/2019	56.50	NA	Leak < 10,000 ppm - included for informational Purposes only
1904.15	92393	V	0.1541	3/2/2020	3/2/2020	11/12/2019	56.50	NA	Leak < 10,000 ppm - included for informational Purposes only
1605.17	92393	C	0.137	3/3/2020	3/3/2020	11/12/2019	57.00	NA	Leak < 10,000 ppm - included for informational Purposes only
1609.04	92393	C	0.137	3/3/2020	3/3/2020	11/12/2019	57.00	NA	Leak < 10,000 ppm - included for informational Purposes only
1608.09	92393	V	0.1541	3/3/2020	3/3/2020	11/12/2019	57.00	NA	Leak < 10,000 ppm - included for informational Purposes only
13216	92393	V	0.1541	3/3/2020	3/5/2020	11/12/2019	59.00	NA	Leak < 10,000 ppm - included for informational Purposes only
13213	92393	V	0.1541	3/3/2020	3/5/2020	11/12/2019	59.00	NA	Leak < 10,000 ppm - included for informational Purposes only
1615.23	92393	C	0.137	3/4/2020	3/4/2020	11/12/2019	57.50	NA	Leak < 10,000 ppm - included for informational Purposes only
1612.13	92393	OT	0.0984	3/4/2020	3/4/2020	11/12/2019	57.50	NA	Leak < 10,000 ppm - included for informational Purposes only
1615.36	92393	V	0.1541	3/4/2020	3/4/2020	11/12/2019	57.50	NA	Leak < 10,000 ppm - included for informational Purposes only
1619.12	92393	V	0.1541	3/4/2020	3/4/2020	11/12/2019	57.50	NA	Leak < 10,000 ppm - included for informational Purposes only
2210.14	92393	V	0.1541	3/4/2020	3/4/2020	11/12/2019	57.50	NA	Leak < 10,000 ppm - included for informational Purposes only
1419.01	93313	C	0.137	3/10/2020	12/23/2020	12/2/2019	338.50	NA	Leak < 10,000 ppm - included for informational Purposes only
1681.03	93313	C	0.137	3/10/2020	3/10/2020	12/2/2019	50.50	NA	Leak < 10,000 ppm - included for informational Purposes only
1638.22	93313	C	0.137	3/10/2020	3/10/2020	12/2/2019	50.50	NA	Leak < 10,000 ppm - included for informational Purposes only
1981	93313	V	0.1541	3/10/2020	3/10/2020	12/2/2019	50.50	NA	Leak < 10,000 ppm - included for informational Purposes only
1948.01	93313	C	0.137	3/11/2020	3/12/2020	12/2/2019	52.00	NA	Leak < 10,000 ppm - included for informational Purposes only
2395.08	93313	V	0.1541	3/11/2020	3/11/2020	12/2/2019	51.00	NA	Leak < 10,000 ppm - included for informational Purposes only
1451.01	93006	C	0.137	3/20/2020	3/20/2020	11/18/2019	62.50	NA	Leak < 10,000 ppm - included for informational Purposes only
1455.18	93006	C	0.137	3/20/2020	3/20/2020	11/18/2019	62.50	NA	Leak < 10,000 ppm - included for informational Purposes only
2220.01	93313	C	0.137	3/24/2020	3/24/2020	12/2/2019	57.50	NA	Leak < 10,000 ppm - included for informational Purposes only
207.06	92363	C	0.137	4/7/2020	4/9/2020	1/7/2020	48.50	NA	Leak < 10,000 ppm - included for informational Purposes only
2075	92363	V	0.1541	4/7/2020	4/7/2020	1/7/2020	46.50	NA	Leak < 10,000 ppm - included for informational Purposes only
175.2	92363	C	0.137	4/8/2020	4/8/2020	1/7/2020	47.00	NA	Leak < 10,000 ppm - included for informational Purposes only
2068	92363	V	0.1541	4/8/2020	4/8/2020	1/7/2020	47.00	NA	Leak < 10,000 ppm - included for informational Purposes only
875.27	92363	V	0.1541	4/13/2020	4/13/2020	1/15/2020	45.50	NA	Leak < 10,000 ppm - included for informational Purposes only
875.05	92363	V	0.1541	4/13/2020	4/13/2020	1/15/2020	45.50	NA	Leak < 10,000 ppm - included for informational Purposes only
576.08	92363	C	0.137	4/14/2020	4/14/2020	1/15/2020	46.00	NA	Leak < 10,000 ppm - included for informational Purposes only
575.12	92363	C	0.137	4/14/2020	4/14/2020	1/15/2020	46.00	NA	Leak < 10,000 ppm - included for informational Purposes only
575.08	92363	C	0.137	4/14/2020	4/14/2020	1/15/2020	46.00	NA	Leak < 10,000 ppm - included for informational Purposes only
571.06	92363	C	0.137	4/14/2020	4/14/2020	1/15/2020	46.00	NA	Leak < 10,000 ppm - included for informational Purposes only
577.22	92363	C	0.137	4/14/2020	4/14/2020	1/15/2020	46.00	NA	Leak < 10,000 ppm - included for informational Purposes only
1111.09	92363	C	0.137	4/15/2020	4/16/2020	1/15/2020	47.50	NA	Leak < 10,000 ppm - included for informational Purposes only
1110.09	92363	V	0.1541	4/15/2020	4/16/2020	1/15/2020	47.50	NA	Leak < 10,000 ppm - included for informational Purposes only
1107.1	92363	V	0.1541	4/15/2020	4/16/2020	1/15/2020	47.50	NA	Leak < 10,000 ppm - included for informational Purposes only
1208.3	92323	C	0.137	4/20/2020	4/20/2020	1/21/2020	46.00	NA	Leak < 10,000 ppm - included for informational Purposes only
1210.07	92323	C	0.137	4/20/2020	4/21/2020	1/21/2020	47.00	NA	Leak < 10,000 ppm - included for informational Purposes only
1816.06	92323	C	0.137	4/21/2020	4/22/2020	1/21/2020	47.50	NA	Leak < 10,000 ppm - included for informational Purposes only
1816.07	92323	C	0.137	4/21/2020	4/21/2020	1/21/2020	46.50	NA	Leak < 10,000 ppm - included for informational Purposes only
2290.07	92226	C	0.137	4/28/2020	4/29/2020	1/27/2020	48.00	NA	Leak < 10,000 ppm - included for informational Purposes only
270	92226	V	0.1541	4/28/2020	4/28/2020	1/27/2020	47.00	NA	Leak < 10,000 ppm - included for informational Purposes only
163.01	92226	V	0.1541	4/28/2020	4/28/2020	1/27/2020	47.00	NA	Leak < 10,000 ppm - included for informational Purposes only
769.05	92226	C	0.137	4/29/2020	4/29/2020	1/27/2020	47.50	NA	Leak < 10,000 ppm - included for informational Purposes only
776.06	92226	C	0.137	4/29/2020	4/29/2020	1/27/2020	47.50	NA	Leak < 10,000 ppm - included for informational Purposes only
784.01	92226	C	0.137	4/29/2020	4/29/2020	1/27/2020	47.50	NA	Leak < 10,000 ppm - included for informational Purposes only
758.06	92226	V	0.1541	4/29/2020	4/29/2020	1/27/2020	47.50	NA	Leak < 10,000 ppm - included for informational Purposes only
138.12	92226	C	0.137	5/4/2020	5/4/2020	1/27/2020	50.00	NA	Leak < 10,000 ppm - included for informational Purposes only
122.05	92226	C	0.137	5/4/2020	5/4/2020	1/27/2020	50.00	NA	Leak < 10,000 ppm - included for informational Purposes only
124.04	92226	C	0.137	5/4/2020	5/4/2020	1/27/2020	50.00	NA	Leak < 10,000 ppm - included for informational Purposes only
721.09	92226	C	0.137	5/5/2020	5/5/2020	1/27/2020	50.50	NA	Leak < 10,000 ppm - included for informational Purposes only
982.08	92226	C	0.137	5/5/2020	5/6/2020	1/27/2020	51.50	NA	Leak < 10,000 ppm - included for informational Purposes only
137	92226	V	0.1541	5/5/2020	5/5/2020	1/27/2020	50.50	NA	Leak < 10,000 ppm - included for informational Purposes only
1041	92226	V	0.1541	5/5/2020	5/5/2020	1/27/2020	50.50	NA	Leak < 10,000 ppm - included for informational Purposes only
721.04	92226	V	0.1541	5/5/2020	5/5/2020	1/27/2020	50.50	NA	Leak < 10,000 ppm - included for informational Purposes only
710.05	92226	V	0.1541	5/5/2020	5/5/2020	1/27/2020	50.50	NA	Leak < 10,000 ppm - included for informational Purposes only
702.08	92226	V	0.1541	5/5/2020	5/5/2020	1/27/2020	50.50	NA	Leak < 10,000 ppm - included for informational Purposes only
1037	92226	V	0.1541	5/5/2020	5/5/2020	1/27/2020	50.50	NA	Leak < 10,000 ppm - included for informational Purposes only
696.01	92226	C	0.137	5/6/2020	5/6/2020	1/27/2020	51.00	NA	Leak < 10,000 ppm - included for informational Purposes only
700.14	92226	C	0.137	5/6/2020	5/6/2020	1/27/2020	51.00	NA	Leak < 10,000 ppm - included for informational Purposes only
966.01	92226	C	0.137	5/6/2020	**PENDING**	1/27/2020	290.00	NA	Leak < 10,000 ppm - included for informational Purposes only
1412	93313	V	0.1541	5/11/2020	5/11/2020	3/10/2020	32.00	NA	Leak < 10,000 ppm - included for informational Purposes only
1964.07	93313	V	0.1541	5/11/2020	5/11/2020	3/10/2020	32.00	NA	Leak < 10,000 ppm - included for informational Purposes only
1638.01	93313	C	0.137	5/12/2020	PENDING	3/10/2020	265.50	NA	Leak < 10,000 ppm - included for informational Purposes only
1639.01	93313	C	0.137	5/12/2020	PENDING	3/10/2020	265.50	NA	Leak < 10,000 ppm - included for informational Purposes only
1643.12	93313	C	0.137	5/12/2020	5/13/2020	3/10/2020	33.50	NA	Leak < 10,000 ppm - included for informational Purposes only
2220.14	93313	C	0.137	5/13/2020	5/13/2020	3/10/2020	33.00	NA	Leak < 10,000 ppm - included for informational Purposes only
2251.03	93313	C	0.137	5/13/2020	5/13/2020	3/10/2020	33.00	NA	Leak < 10,000 ppm - included for informational Purposes only
1936.03	93313	C	0.1342	5/13/2020	5/13/2020	3/10/2020	33.00	NA	Leak < 10,000 ppm - included for informational Purposes only
2021.38	93006	C	0.137	5/18/2020	5/21/2020	3/20/2020	33.50	NA	Leak < 10,000 ppm - included for informational Purposes only

2031.39	93006	C	0.137	5/18/2020	5/29/2020	3/20/2020	41.50	NA	Leak < 10,000 ppm - included for informational Purposes only
2043.1	93006	C	0.137	5/18/2020	5/29/2020	3/20/2020	41.50	NA	Leak < 10,000 ppm - included for informational Purposes only
13181.03	93006	C	0.137	5/18/2020	5/21/2020	3/20/2020	33.50	NA	Leak < 10,000 ppm - included for informational Purposes only
2169	93006	V	0.1541	5/20/2020	5/20/2020	3/20/2020	31.50	NA	Leak < 10,000 ppm - included for informational Purposes only
1343.17	92393	C	0.137	5/26/2020	5/26/2020	3/2/2020	43.50	NA	Leak < 10,000 ppm - included for informational Purposes only
1345.05	92393	OT	0.0984	5/26/2020	5/26/2020	3/2/2020	43.50	NA	Leak < 10,000 ppm - included for informational Purposes only
1358.16	92393	OT	0.1541	5/26/2020	7/24/2020	3/2/2020	102.50	NA	Leak < 10,000 ppm - included for informational Purposes only
1622.14	92393	C	0.137	5/27/2020	5/27/2020	3/2/2020	44.00	NA	Leak < 10,000 ppm - included for informational Purposes only
1619.18	92393	C	0.137	5/27/2020	5/27/2020	3/2/2020	44.00	NA	Leak < 10,000 ppm - included for informational Purposes only
1615.07	92393	C	0.137	5/27/2020	5/27/2020	3/2/2020	44.00	NA	Leak < 10,000 ppm - included for informational Purposes only
1617.22	92393	C	0.137	5/27/2020	5/27/2020	3/2/2020	44.00	NA	Leak < 10,000 ppm - included for informational Purposes only
1621.03	92393	V	0.1541	5/27/2020	5/27/2020	3/2/2020	44.00	NA	Leak < 10,000 ppm - included for informational Purposes only
2210.13	92393	V	0.1541	5/27/2020	5/27/2020	3/2/2020	44.00	NA	Leak < 10,000 ppm - included for informational Purposes only
1300.01	92365	C	0.137	6/2/2020	6/3/2020	2/19/2020	54.00	NA	Leak < 10,000 ppm - included for informational Purposes only
2255.08	92365	V	0.1541	6/2/2020	6/3/2020	2/19/2020	54.00	NA	Leak < 10,000 ppm - included for informational Purposes only
1891	92365	V	0.1541	6/3/2020	6/4/2020	2/19/2020	54.50	NA	Leak < 10,000 ppm - included for informational Purposes only
1208.12	92323	C	0.137	7/6/2020	7/6/2020	4/20/2020	39.50	NA	Leak < 10,000 ppm - included for informational Purposes only
1234.02	92323	C	0.137	7/7/2020	7/9/2020	4/20/2020	42.00	NA	Leak < 10,000 ppm - included for informational Purposes only
1147.12	92363	C	0.1342	7/13/2020	7/13/2020	4/13/2020	46.50	NA	Leak < 10,000 ppm - included for informational Purposes only
571.13	92363	C	0.137	7/14/2020	7/15/2020	4/13/2020	48.00	NA	Leak < 10,000 ppm - included for informational Purposes only
1124	92363	V	0.1541	7/14/2020	7/15/2020	4/13/2020	48.00	NA	Leak < 10,000 ppm - included for informational Purposes only
1110.01	92363	C	0.137	7/15/2020	7/15/2020	4/13/2020	47.50	NA	Leak < 10,000 ppm - included for informational Purposes only
1111.04	92363	C	0.137	7/15/2020	7/15/2020	4/13/2020	47.50	NA	Leak < 10,000 ppm - included for informational Purposes only
174.07	92363	C	0.137	7/21/2020	7/21/2020	4/7/2020	53.50	NA	Leak < 10,000 ppm - included for informational Purposes only
201.02	92363	C	0.137	7/21/2020	7/21/2020	4/7/2020	53.50	NA	Leak < 10,000 ppm - included for informational Purposes only
1095.05	92363	C	0.137	7/21/2020	7/21/2020	4/7/2020	53.50	NA	Leak < 10,000 ppm - included for informational Purposes only
1081.45	92363	C	0.137	7/21/2020	7/22/2020	4/7/2020	54.50	NA	Leak < 10,000 ppm - included for informational Purposes only
514.19	92363	V	0.1541	7/22/2020	7/22/2020	4/7/2020	54.00	NA	Leak < 10,000 ppm - included for informational Purposes only
155.06	92226	C	0.137	7/27/2020	7/29/2020	4/27/2020	48.50	NA	Leak < 10,000 ppm - included for informational Purposes only
858.09	92226	C	0.137	7/28/2020	7/28/2020	4/27/2020	47.00	NA	Leak < 10,000 ppm - included for informational Purposes only
767.04	92226	V	0.1541	7/29/2020	7/29/2020	4/27/2020	47.50	NA	Leak < 10,000 ppm - included for informational Purposes only
384.01	92226	C	0.1342	8/3/2020	8/4/2020	4/27/2020	51.00	NA	Leak < 10,000 ppm - included for informational Purposes only
742	92226	V	0.1541	8/3/2020	8/4/2020	4/27/2020	51.00	NA	Leak < 10,000 ppm - included for informational Purposes only
380.04	92226	OT	0.0984	8/5/2020	8/6/2020	4/27/2020	52.00	NA	Leak < 10,000 ppm - included for informational Purposes only
1419.03	93313	C	0.137	8/10/2020	8/10/2020	5/11/2020	46.50	NA	Leak < 10,000 ppm - included for informational Purposes only
1422	93313	V	0.1541	8/10/2020	8/10/2020	5/11/2020	46.50	NA	Leak < 10,000 ppm - included for informational Purposes only
1976	93313	V	0.1541	8/10/2020	8/10/2020	5/11/2020	46.50	NA	Leak < 10,000 ppm - included for informational Purposes only
1985	93313	V	0.1541	8/10/2020	8/10/2020	5/11/2020	46.50	NA	Leak < 10,000 ppm - included for informational Purposes only
1632.03	93313	C	0.137	8/11/2020	8/12/2020	5/11/2020	48.00	NA	Leak < 10,000 ppm - included for informational Purposes only
1445.18	93006	C	0.137	8/19/2020	8/19/2020	5/18/2020	47.50	NA	Leak < 10,000 ppm - included for informational Purposes only
1488.02	93006	V	0.1541	8/19/2020	8/19/2020	5/18/2020	47.50	NA	Leak < 10,000 ppm - included for informational Purposes only
1487	93006	V	0.1541	8/19/2020	8/19/2020	5/18/2020	47.50	NA	Leak < 10,000 ppm - included for informational Purposes only
1486.13	93006	V	0.1541	8/19/2020	8/19/2020	5/18/2020	47.50	NA	Leak < 10,000 ppm - included for informational Purposes only
1527.17	92365	OT	0.1541	8/31/2020	8/31/2020	6/2/2020	46.00	NA	Leak < 10,000 ppm - included for informational Purposes only
1270.24	92365	C	0.137	9/1/2020	9/1/2020	6/2/2020	46.50	NA	Leak < 10,000 ppm - included for informational Purposes only
1270.27	92365	C	0.137	9/1/2020	9/1/2020	6/2/2020	46.50	NA	Leak < 10,000 ppm - included for informational Purposes only
1322	92365	PR	0.0482	9/3/2020	9/24/2020	6/2/2020	68.50	NA	Leak < 10,000 ppm - included for informational Purposes only
1356.16	92393	C	0.137	9/8/2020	9/8/2020	5/26/2020	53.50	NA	Leak < 10,000 ppm - included for informational Purposes only
1903.09	92393	V	0.1541	9/8/2020	9/8/2020	5/26/2020	53.50	NA	Leak < 10,000 ppm - included for informational Purposes only
1358.14	92393	C	0.137	9/9/2020	9/9/2020	5/26/2020	54.00	NA	Leak < 10,000 ppm - included for informational Purposes only
1363.01	92393	C	0.137	9/9/2020	9/9/2020	5/26/2020	54.00	NA	Leak < 10,000 ppm - included for informational Purposes only
1364.38	92393	C	0.137	9/9/2020	9/10/2020	5/26/2020	55.00	NA	Leak < 10,000 ppm - included for informational Purposes only
1366.07	92393	C	0.137	9/9/2020	9/10/2020	5/26/2020	55.00	NA	Leak < 10,000 ppm - included for informational Purposes only
1365.27	92393	OT	0.0984	9/9/2020	9/9/2020	5/26/2020	54.00	NA	Leak < 10,000 ppm - included for informational Purposes only
1359.13	92393	OT	0.1541	9/9/2020	9/17/2020	5/26/2020	62.00	NA	Leak < 10,000 ppm - included for informational Purposes only
1357	92393	V	0.1541	9/9/2020	9/9/2020	5/26/2020	54.00	NA	Leak < 10,000 ppm - included for informational Purposes only
1605.08	92393	C	0.137	9/10/2020	9/10/2020	5/26/2020	54.50	NA	Leak < 10,000 ppm - included for informational Purposes only
1599.16	92393	C	0.137	9/10/2020	9/10/2020	5/26/2020	54.50	NA	Leak < 10,000 ppm - included for informational Purposes only
898.01	92363	C	0.137	10/6/2020	10/6/2020	7/13/2020	43.50	NA	Leak < 10,000 ppm - included for informational Purposes only
883.02	92363	C	0.137	10/6/2020	10/6/2020	7/13/2020	43.50	NA	Leak < 10,000 ppm - included for informational Purposes only
1150	92363	OT	0.1342	10/6/2020	10/6/2020	7/13/2020	43.50	NA	Leak < 10,000 ppm - included for informational Purposes only
1164	92363	OT	0.1342	10/6/2020	10/6/2020	7/13/2020	43.50	NA	Leak < 10,000 ppm - included for informational Purposes only
886	92363	PR	0.0482	10/6/2020	10/6/2020	7/13/2020	43.50	NA	Leak < 10,000 ppm - included for informational Purposes only
871	92363	V	0.1541	10/6/2020	10/6/2020	7/13/2020	43.50	NA	Leak < 10,000 ppm - included for informational Purposes only
867	92363	V	0.1541	10/6/2020	10/6/2020	7/13/2020	43.50	NA	Leak < 10,000 ppm - included for informational Purposes only
571.12	92363	C	0.137	10/7/2020	10/7/2020	7/13/2020	44.00	NA	Leak < 10,000 ppm - included for informational Purposes only
2254.01	92363	C	0.137	10/7/2020	10/7/2020	7/13/2020	44.00	NA	Leak < 10,000 ppm - included for informational Purposes only
578.03	92363	C	0.137	10/7/2020	10/7/2020	7/13/2020	44.00	NA	Leak < 10,000 ppm - included for informational Purposes only
1513	92363	V	0.1541	10/7/2020	10/7/2020	7/13/2020	44.00	NA	Leak < 10,000 ppm - included for informational Purposes only
1208.17	92323	C	0.137	10/12/2020	10/13/2020	7/6/2020	51.00	NA	Leak < 10,000 ppm - included for informational Purposes only
1205.07	92323	C	0.137	10/12/2020	10/13/2020	7/6/2020	51.00	NA	Leak < 10,000 ppm - included for informational Purposes only
1082.33	92363	C	0.137	10/19/2020	10/19/2020	7/20/2020	46.50	NA	Leak < 10,000 ppm - included for informational Purposes only
1085.25	92363	C	0.137	10/19/2020	10/19/2020	7/20/2020	46.50	NA	Leak < 10,000 ppm - included for informational Purposes only
1093.04	92363	C	0.137	10/19/2020	10/20/2020	7/20/2020	47.50	NA	Leak < 10,000 ppm - included for informational Purposes only
1094.19	92363	OT	0.1541	10/19/2020	10/19/2020	7/20/2020	46.50	NA	Leak < 10,000 ppm - included for informational Purposes only
1083	92363	PR	0.0482	10/19/2020	10/19/2020	7/20/2020	46.50	NA	Leak < 10,000 ppm - included for informational Purposes only
171.02	92363	C	0.137	10/20/2020	10/20/2020	7/20/2020	47.00	NA	Leak < 10,000 ppm - included for informational Purposes only
174.08	92363	C	0.137	10/20/2020	10/20/2020	7/20/2020	47.00	NA	Leak < 10,000 ppm - included for informational Purposes only
514.15	92363	V	0.1541	10/21/2020	10/21/2020	7/20/2020	47.50	NA	Leak < 10,000 ppm - included for informational Purposes only
972	92226	V	0.1541	11/2/2020	11/3/2020	7/27/2020	51.00	NA	Leak < 10,000 ppm - included for informational Purposes only
972.06	92226	V	0.1541	11/2/2020	11/3/2020	7/27/2020	51.00	NA	Leak < 10,000 ppm - included for informational Purposes only
126	92226	V	0.1541	11/2/2020	11/4/2020	7/27/2020	52.00	NA	Leak < 10,000 ppm - included for informational Purposes only
767.03	92226	V	0.1541	11/3/2020	11/3/2020	7/27/2020	50.50	NA	Leak < 10,000 ppm - included for informational Purposes only
763.02	92226	V	0.1541	11/3/2020	11/4/2020	7/27/2020	51.50	NA	Leak < 10,000 ppm - included for informational Purposes only
1394.03	93313	C	0.137	11/9/2020	11/9/2020	8/10/2020	46.50	NA	Leak < 10,000 ppm - included for informational Purposes only
1936.03	93313	C	0.137	11/9/2020	11/9/2020	8/10/2020	46.50	NA	Leak < 10,000 ppm - included for informational Purposes only
1948	93313	V	0.1541	11/9/2020	11/9/2020	8/10/2020	46.50	NA	Leak < 10,000 ppm - included for informational Purposes only
2248.03	93313	V	0.1541	11/10/2020	11/10/2020	8/10/2020	47.00	NA	Leak < 10,000 ppm - included for informational Purposes only
2246	93313	V	0.1541	11/10/2020	11/10/2020	8/10/2020	47.00	NA	Leak < 10,000 ppm - included for informational Purposes only
1443.18	93006	OT	0.1541	11/17/2020	11/17/2020	8/17/2020	47.00	NA	Leak < 10,000 ppm - included for informational Purposes only
13193	93006	OT	0.0984	11/18/2020	11/18/2020	8/17/2020	47.50	NA	Leak < 10,000 ppm - included for informational Purposes only

2172	93006	V	0.1541	11/18/2020	11/18/2020	8/17/2020	47.50	NA	Leak < 10,000 ppm - included for informational Purposes only
1617.19	92393	C	0.137	11/23/2020	11/23/2020	9/8/2020	39.00	NA	Leak < 10,000 ppm - included for informational Purposes only
1296.05	92365	C	0.137	11/30/2020	11/30/2020	8/31/2020	46.50	NA	Leak < 10,000 ppm - included for informational Purposes only
1319.06	92365	C	0.137	11/30/2020	11/30/2020	8/31/2020	46.50	NA	Leak < 10,000 ppm - included for informational Purposes only
1282	92365	V	0.1541	11/30/2020	12/7/2020	8/31/2020	53.50	NA	Leak < 10,000 ppm - included for informational Purposes only
1315.26	92365	V	0.1541	11/30/2020	11/30/2020	8/31/2020	46.50	NA	Leak < 10,000 ppm - included for informational Purposes only
1270.27	92365	C	0.137	12/1/2020	12/1/2020	8/31/2020	47.00	NA	Leak < 10,000 ppm - included for informational Purposes only
1876.01	92365	C	0.1342	12/2/2020	12/9/2020	8/31/2020	54.50	NA	Leak < 10,000 ppm - included for informational Purposes only
391	92226	OT	0.1342	12/15/2020	12/15/2020	7/27/2020	71.50	NA	Leak < 10,000 ppm - included for informational Purposes only
								2,527.48	

SoCalGas, June 15, 2021

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 - 2021 June Report

Appendix 3 - Rev. 03/30/21

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.

Transmission Compressor Station Storage Tank Emissions:

Total Number	Discovery Date (DD/MM/YY)	Repair Date (DD/MM/YY)	Number of Days Emitting	Emission Factor (Mscf/yr)	Annual Emissions (Mscf)
4	N/A	N/A	365	N/A	132.2
1	N/A	N/A	365	N/A	32.9

Sum Total	**165**

Header column "Comment" boxes displayed below for reference.	
Column Heading	Description and Definition of Required Contents (IF not self-explanatory)
Appendix 3 - Rev. 03/30/20	
ID	
Geographic Location	GIS, zip code, or equivalent
Compressor Type	C = centrifugal R = reciprocating
Prime Mover	
Number of Cylinders	
Number of Seals	
Seal Type	W = wet D = dry NA = not applicable
Measurment Frequency	A - Annual Q - Quarterly M - Monthly W - Weekly D - Daily
Emission Factor: Measurement Date - Pressurized Operations	
Operating Mode: Pressurized Operating (hours)	Use these EF columns as well as the columns for the Compressor Measurements noted in Columns R thru AB when they are applicable. If the data is not captured by the operator, then add a note explaining why the applicable measurement data was not recorded or available in the Explanatory Notes / Comments column.
Operating Mode: Pressurized Idle (hours)	
Operating Mode: Depressurized Idle (hours)	
Operating Mode: Offline (Hours)	
Emission Factor: Pressurized Operating (scf/hr)	
Emission Factor: Pressurized Idle (scf/hr)	
Emission Factor: Depressurized Idle (scf/hr)	
Emission Factor: Offline (scf/hr)	If the "Offline" hours are counted, then a measurement of "offline" emissions should be taken to determine whether emissions occur. (We should not assume they are zero.)

The Columns P through AB were added to the template and should be used for the indicated measured compressor emissions, which include Centrifugal compressors in accordance with OGR and your operating practice.

For the 2020 data reporting of compressor vented emissions:
Where more than one measurement was taken during the year (e.g. after a maintenance cycle*, monthly, or quarterly), use the measured EF multiplied by the activity hours that occurred during the

Emission Factor: Pressurized Operating - Rod Packing (scf/hr)	These are new columns for reporting year 2020 of 2019 data. These only apply to operators who during their operations and surveys of compressor stations measure their Compressor Vented Emissions for these components of the compressor. Not all gas operators measure vented emissions and estabish flow rates for	corresponding period. For example, if the compressor measurement was taken quarterly, then the measured EF should be multiplied by the activity hours that occurred in the respective quarter, and the same for more frequent measurments (e.g. monthly, weekly etc.). For each compressor devote one row per measurement period (see example provided). In the case of a single annual measurement EF, then that EF would apply to the activity hours for each respective mode for the entire year (which is consistent with prior year reporting practice). * If a measurement is taken after a maintenance cycle and no other measurements were taken during the remainder of the year, then use this measured EF for the activity hours occurring after the measurement date thru 12/31/xx. The activity hours prior to the maintenance of the compressor from the beginning of the year should use the previously measured EF, even if the EF was measured in the prior year.
Emission Factor: Pressurized Operating - Blowdown Valve (scf/hr)		
Emission Factor: Pressurized Operating - Wet Seal Oil Degassing Vent (scf/hr)		
Emission Factor: Pressurized Operating - Wet Seal (scf/hr)		
Emission Factor: Pressurized Operating - Dry Seal (scf/hr)	CPUC Staff strongly encourage more frequent measurement of the following compressor vented emissions. Compliance minimum is once annually, though Staff suggest the minimum frequency should be quarterly and measured at roughly the same time each quarter (e.g. on or around the component survey given mode of operation). More frequent measurements, e.g. monthly would be better due to the temporal changes in conditions that effect emissions. The more frequent measurements also provide an opportunity to detect worn rod packing or seals, which exacerbate emissions, and with timely awareness of suboptimal operations gas operators have an opportunity for accelerating maintenance to correct worn parts. The following steps for reporting more frequent measurements in 2020 are outlined in the adjacent cell, and should be provided if available.	
Emission Factor: Pressurized Idle - Rod Packing (scf/hr)		
Emission Factor: Pressurized Idle - Blowdown Valve (scf/hr)		
Emission Factor: Pressurized Idle - Wet Seal Oil Degassing Vent (scf/hr)		
Emission Factor: Pressurized Idle - Wet Seal (scf/hr)		
Emission Factor: Pressurized Idle - Dry Seal (scf/hr)		
Emission Factor: Pressurized Idle - Isolation Valve (scf/hr)		
Annual Emissions (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	
ID	
Geographic Location	GIS, zip code, or equivalent

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	
Engineering or Manufacturer's based Estimate of Emissions	
Annual Emissions (Mscf)	
Explanatory Notes / Comments	

Compressor & Component Leaks	
ID	
Geographic Location	GIS, zip code, or equivalent
Device Type	C = connector O = open-ended line M = meter P = pneumatic device PR = pressure relief valve V = valve OT = Other
Emission Factor: Mscf/day/dev	From Appendix 9 use the applicable EF, and if necessary convert it to Mscf/day for each device.
Manufacturer	
Discovery Date (MM/DD/YY)	List the actual discovery date. If the leak was discovered in the year of interest or carried over from prior year, 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)	Date that the component repair stopped the leak. Any associated blowdowns as a result of the repair should be included in the blowdowns tab.
Prior Survey Date (MM/DD/YY)	Before the discovery date of the leak, there was a "Prior Survey Date" when the compressor station was tested and no leak was found. There should be records as to when the compressor station was last surveyed. If the survey spanned two or more days, enter the final date. Note, a facility level survey date is sufficient to establish the prior survey date.

Number of Days Leaking	The algorithm that is used for determining the number of days leaking should conform to the following guidance: For the number days leaking prior to the date of discovery (survey date in the year of interest), calculate the number of days between the Discovery Date and the Prior Survey Date then divided by 2. [Dividing by 2 approximates the average time leaking between the leak discovery and the prior survey date. See below guidance when a leak is discovered in a prior period and repaired in the year of interest.] (Discovery Date – Prior Survey Date)/2 Calculate the number of days leaking after discovery (survey) date, by subtracting the discovery date from the repair date, unless the leak has not been repaired, where the number of days should be calculated by subtracting the discovery date from December 31 of the year of interest.* (Repair Date – Discovery Date), unless repair date greater than 12/31/XX then use 12/31/XX) --- Days Leaking = (Repair Date - Discovery Date) + (Discovery Date - Prior Survey Date)/2 +1 * [This requires tracking the leak across different years, because the leak could be minor and conceivably span more than year before getting repaired. Therefore, in the cases where a leak is carried over to a subsequent year, an annual calculation should be made to reflect that the number of days leaking in the prior year have already been reported in the annual emissions inventory. In subsequent years the carried over leaks should reflect a beginning date of January 1 of the year of interest.]
Emission Factor (Mscf/day)	
Annual Emissions (Mscf)	
Explanatory Notes / Comments	

Storage Tanks	
Total Number	
Discovery Date (DD/MM/YY)	
Repair Date (DD/MM/YY)	
Number of Days Emitting	Emitting from discovery date thru the repair date (if repaired in year of interest) or December 31 of subject year, whichever is earlier. (Duration of Leak = discovery date - repair date (or December 31) + 1 day.)
Emission Factor (Mscf/yr)	
Annual Emissions (Mscf)	