SoCalGas, June 15th, 2023

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

In Response to Data Request, R15-01-008 2023 June Report

Appendix 6; Rev. 03/30/2023

Notes:

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

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

Response:

Customer Meter Total Leaks and Emissions (Informational Purposes Only):

Number of Meters	Meter Type	Emission Factor (Mscf/yr)	Annual Emissions (Mscf)
5,857,284	R	0.148	866,878.03
248,460	Commercial	0.051	12,671.46
24,393	Industrial	0.051	1,244.04

Sum Total	880,794

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Appendix 6; Rev. 03/30/2023

Emission Factors (Mscf/day/leak)	
[illegible]	0.2545131
[illegible]	0.0072565
Unknown Leak EF	0.01867
Non-leaker EF (Undetected Leaks)	0.00022

Notes:
The intent of this worksheet is to capture event data that represent the fugitive leaks on MSA assets that if repaired would cease leaking. If the equipment or component is releasing gas or "bleeding" as a result of its design or function, then it is not to be captured in this tab and should be entered into the Component Emissions tab.

No emissions estimates from this worksheet should be included in Appendix 8, as this is being collected for informational purposes at this time.
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.
Response:
(Please add any clarifying explanations here above the table.)

Customer Meter Fugitive Leaks:

ID	Geographic Location	Meter Classification (Commercial/Industrial or Residential)	Leak Classification (Grade)	Leak Discovery Method	Discovery Date (DD/MM/YY)	Leak Repair Date (MM/DD/YY)	If not repaired by 12/31/xx List the Scheduled Date of Repair (DD/MM/YY)	Repair Type	Number of Days Leaking	Number of Days to Repair	Emission Factor (Mscf/day/leak)	Annual Emissions (Mscf)	Comments or Additional Information (If you are able to quantify the leak rate by bubble pattern or other methods please include this volumetric data, and state what method was used to determine the flow/leak rate in these columns.)
2224254	91016		AN	S	12/9/2022	12/12/2022		TLA	346	4	0.0072565	2.510759743	
2206998	90745		AN	S	4/20/2022	4/29/2022		TLA	119	10	0.0072565	0.863527195	
2203924	93105		AN	S	3/2/2022	8/3/2022			215	155	0.0072565	1.560154176	
2222948	92626		AN	S	11/29/2022	12/13/2022			347	15	0.0072565	2.518016274	
2204673	91208		AN	M	3/15/2022	3/16/2022			75	2	0.0072565	0.544239829	
2218661	90732		AN	S	10/10/2022	11/10/2022			314	32	0.0072565	2.278550749	
2210996	90047		AN	M	6/21/2022	6/22/2022		Altered Service	173	2	0.25451	44.03075974	
2217823	92626		AN	S	9/28/2022	10/10/2022			283	13	0.007256531	2.053598287	
2212587	90062		AH	M	7/19/2022	7/19/2022			200	1	0.254513062	50.90261242	
2201607	91724		AN	M	1/24/2022	1/24/2022		Altered Service	24	1	0.007256531	0.174156745	
2220673	92694		AN	S	11/1/2022	11/3/2022		Altered Service	307	3	0.007256531	2.227755032	
2214039	92861		AN	S	8/5/2022	8/9/2022			221	5	0.007256531	1.603693362	
2218146	93030		AN	M	10/3/2022	10/11/2022			284	9	0.007256531	2.060854818	
2210718	92886		AN	S	6/20/2022	7/15/2022			196	26	0.007256531	1.422280086	
2201330	92507		AN	S	1/20/2022	1/20/2022			20	1	0.007256531	0.145130621	
2200598	91801		AN	M	1/11/2022	7/6/2022			187	177	0.007256531	1.356971306	
2214827	92614		AH	M	8/17/2022	8/17/2022		Altered Service	229	1	0.254513062	58.28349122	
2202048	91744		AN	M	1/31/2022	1/31/2022		TLA	31	1	0.007256531	0.224952463	
2216716	92530		AN	S	9/14/2022	9/26/2022			269	13	0.007256531	1.952006852	
2210818	91741		AN	S	6/21/2022	6/21/2022			172	1	0.007256531	1.24812334	
2205003	91780		AN	S	3/21/2022	3/31/2022		TLA	90	11	0.007256531	0.653087794	
2206987	92705		AN	M	4/22/2022	5/4/2022			124	13	0.007256531	0.89980985	
2202359	92806		AN	M	2/3/2022	2/3/2022			34	1	0.007256531	0.246722056	
2223459	91702		AN	S	12/3/2022				365		0.007256531	2.648633833	
2220772	93402		AN	S	11/2/2022	11/4/2022		TLA	308	3	0.007256531	2.235011563	
2213273	90049		AN	S	7/27/2022	10/12/2022			285	78	0.007256531	2.068111349	
2215865	93442		AN	M	8/31/2022	8/31/2022			243	1	0.007256531	1.763337045	
2216851	90026		AN	M	9/15/2022	9/21/2022		TLA	264	7	0.007256531	1.915724197	
2206012	91768		AN	M	4/6/2022	4/6/2022			96	1	0.007256531	0.696626981	
2211020	92844		AN	M	6/23/2022	6/23/2022		Cut and Thread	174	1	0.007256531	1.262636403	
2216727	91335		AN	M	9/14/2022	9/14/2022			257	1	0.007256531	1.86492848	
2218899	91709		AM	M	10/12/2022	10/13/2022		TLA	286	2	0.007256531	2.07536788	
2222612	92802		AN	M	11/23/2022	11/23/2022			327	1	0.007256531	2.372885653	
2207256	92708		AN	M	4/26/2022	4/26/2022			116	1	0.007256531	0.841757602	
2202558	93004		AN	M	2/7/2022	2/7/2022			38	1	0.007256531	0.27574818	
2203397	92648		AH	M	2/19/2022	2/19/2022		Altered Service	50	1	0.254513062	12.7256531	
2217826	91773		AN	M	9/28/2022	10/11/2022		TLA	284	14	0.007256531	2.060854818	
2225847	91010		AN	M	12/30/2022	12/30/2022			364	1	0.007256531	2.641377302	
2209564	91001		AN	M	5/31/2022	5/31/2022		Altered Service	151	1	0.007256531	1.095736188	
2216588	91744		AN	S	9/12/2022	11/3/2022		TLA	307	53	0.007256531	2.227755032	
2211859	91016		AN	M	7/7/2022	7/7/2022			188	1	0.007256531	1.364227837	
2210843	91766		AN	M	6/21/2022	6/22/2022			173	2	0.007256531	1.255379872	
2204171	92807		AH	M	3/7/2022	3/7/2022		Altered Service	66	1	0.254513062	16.7978621	
2213006	92677		AN	S	7/25/2022	7/29/2022		TLA	210	5	0.007256531	1.52387152	
2201969	90731		AN	S	1/29/2022	6/1/2022			152	124	0.007256531	1.102992719	
2203544	90001		AN	S	2/23/2022	3/2/2022			61	8	0.007256531	0.442648394	
2212915	90670		AN	M	7/22/2022	7/22/2022			203	1	0.007256531	1.473075803	
2216365	91010		AN	M	9/8/2022	9/8/2022			251	1	0.007256531	1.821389293	
2206838	91746		AH	M	4/20/2022	4/20/2022			110	1	0.254513062	27.99643683	
2210324	91790		AN	S	6/13/2022	6/17/2022		Cut and Thread	168	5	0.007256531	1.219097216	
2207147	92703		AN	S	4/25/2022	5/4/2022			124	10	0.007256531	0.89980985	
2214669	90715		AN	S	8/16/2022	12/28/2022			362	135	0.007256531	2.62686424	
2224675	91740		AN	M	12/14/2022	12/21/2022		TLA	355	8	0.007256531	2.576068522	
2212608	90058		AN	S	7/19/2022	7/21/2022		Other	202	3	0.007256531	1.465819273	
2217897	91350		AN	S	9/29/2022	10/5/2022			278	7	0.007256531	2.017315632	
2224103	90011		AN	M	12/8/2022	12/8/2022			342	1	0.007256531	2.481733619	
2222765	92627		AN	M	11/28/2022	12/8/2022		TLA	342	11	0.007256531	2.481733619	
2205182	90059		AN	S	3/23/2022	5/25/2022		TLA	145	64	0.007256531	1.052197002	
2221096	91767		AN	S	11/7/2022	11/21/2022			325	15	0.007256531	2.358372591	
2223461	91702		AN	S	12/3/2022				365		0.007256531	2.648633833	
2202337	92673		AN	M	2/3/2022	2/3/2022		TLA	34	1	0.007256531	0.246722056	
2224288	91504		AN	S	12/9/2022				365		0.007256531	2.648633833	
2217011	90403		AN	S	9/19/2022	9/27/2022		TLA	270	9	0.007256531	1.959263383	
2209180	90601		AN	M	5/25/2022	5/25/2022			145	1	0.007256531	1.052197002	
2224804	91306		AN	M	12/15/2022	12/16/2022			350	2	0.007256531	2.539785867	
2205661	92806		AN	M	3/31/2022	4/8/2022			98	9	0.007256531	0.711140043	
2212974	90046		AN	M	7/25/2022	7/29/2022		TLA	210	5	0.007256531	1.52387152	
2223769	91786		AN	M	12/6/2022	12/7/2022			341	2	0.007256531	2.474477088	
2218564	90044		AN	M	10/7/2022	10/7/2022		Other	280	1	0.007256531	2.031828694	
2213091	91702		AN	S	7/12/2022	7/22/2022			203	11	0.007256531	1.473075803	
2218501	90011		AN	S	10/6/2022	10/14/2022		TLA	287	9	0.007256531	2.082624411	
2200058	91750		AN	M	1/3/2022	1/3/2022			3	1	0.007256531	0.021769593	
2216114	90731		AN	M	9/2/2022	9/16/2022		Altered Service	259	15	0.007256531	1.879441542	
2225746	91011		AN	M	12/27/2022	12/27/2022			361	1	0.007256531	2.619607709	
2214550	91706		AN	M	8/15/2022	8/25/2022		TLA	237	11	0.007256531	1.719797859	
2206959	91402		AN	M	4/21/2022	5/4/2022		TLA	124	14	0.007256531	0.89980985	
2219213	90670		AN	M	10/14/2022			Cut and Thread	365		0.007256531	2.648633833	
2209962	93428		AN	S	6/7/2022	6/16/2022		TLA	167	10	0.007256531	1.211840685	
2211392	90232		AN	M	6/28/2022	6/29/2022		Other	180	2	0.007256531	1.306175589	
2213898	92886		AM	S	8/4/2022	8/10/2022		TLA	222	7	0.007256531	1.610949893	
2222411	93291		AN	S	11/22/2022	12/2/2022			336	11	0.007256531	2.438194433	
2214884	90280		AN	M	8/18/2022	8/30/2022		TLA	242	13	0.007256531	1.756080514	
2223140	91764		AN	M	11/30/2022	11/30/2022		Altered Service	334	1	0.007256531	2.42368137	
2218581	93108		AN	M	10/7/2022	10/7/2022		TLA	280	1	0.007256531	2.031828694	
2204385	90044		AN	M	3/9/2022	3/9/2022		Altered Service	68	1	0.007256531	0.493444111	
2211462	92843		AN	S	6/29/2022	10/10/2022		TLA	283	104	0.007256531	2.053598287	
2205969	90504		AN	M	4/5/2022	4/5/2022			95	1	0.007256531	0.68937045	
2213433	91724		AH	M	7/28/2022	7/28/2022		Altered Service	209	1	0.254513062	53.19322998	
2215432	90221		AH	S	8/25/2022	8/25/2022		Replace Service	237	1	0.254513062	60.31959572	
2206469	90033		AN	M	4/13/2022	4/13/2022			103	1	0.007256531	0.747422698	
2219281	92620		AN	M	10/18/2022	10/18/2022		TLA	291	1	0.007256531	2.111650535	
2216179	91010		AN	S	9/6/2022	9/19/2022		TLA	262	14	0.007256531	1.901211135	
2223380	90405		AN	M	12/2/2022				365		0.007256531	2.648633833	
2221970	93274		AM	S	11/17/2022	11/28/2022			332	12	0.007256531	2.409168308	
2205942	90002		AN	S	4/5/2022	5/26/2022		TLA	146	52	0.007256531	1.059453533	
2212480	90650		AN	M	7/18/2022	7/18/2022			199	1	0.007256531	1.444049679	
2208509	93609		AN	M	5/16/2022	5/16/2022			136	1	0.007256531	0.986888223	
2219150	91411		AN	M	10/14/2022	10/14/2022		TLA	287	1	0.007256531	2.082624411	
2218920	90717		AN	M	10/12/2022	10/18/2022		TLA	291	7	0.007256531	2.111650535	
2209078	91792		AN	M	5/24/2022	5/24/2022			144	1	0.007256531	1.044940471	
2216053	90731		AN	S	9/1/2022	10/13/2022			286	43	0.007256531	2.07536788	
2208143	92706		AN	S	5/10/2022	8/1/2022		TLA	213	84	0.007256531	1.545641113	
2209189	91733		AN	S	5/25/2022	6/8/2022			159	15	0.007256531	1.153788437	
2009148	92675		AM	M	5/12/2020	2/8/2022		Replace Service	39	638	0.007256531	0.283004711	
2208260	90002		AH	M	5/11/2022	5/11/2022		Altered Service	131	1	0.254513062	33.34121113	
2211541	91768		AN	M	6/30/2022	7/11/2022		TLA	192	12	0.007256531	1.393253961	
2213460	93436		AN	S	7/29/2022	12/15/2022		Replace Service	349	140	0.007256531	2.532529336	
2223190	92335		AM	M	12/1/2022	12/1/2022		TLA	335	1	0.007256531	2.430937901	
2207722	92595		AN	M	5/3/2022	5/4/2022		TLA	124	2	0.007256531	0.89980985	
2205079	92336		AN	M	3/22/2022	3/22/2022		Other	81	1	0.007256531	0.587779015	
2201119	91767		AN	M	1/18/2022	2/1/2022			32	15	0.007256531	0.232208994	
2208721	91343		AN	M	5/18/2022	6/1/2022			152	15	0.007256531	1.102992719	
2213887	92886		AM	S	8/4/2022	8/9/2022		TLA	221	6	0.007256531	1.603693362	
2201569	91755		AH	M	1/24/2022	1/24/2022		Cut and Thread	24	1	0.254513062	6.10831349	
2218539	92553		AN	M	10/7/2022	10/7/2022			280	1	0.007256531	2.031828694	
2205095	92707		AN	M	3/22/2022	3/31/2022		Altered Service	90	10	0.007256531	0.653087794	
2222690	93256		AH	M	11/25/2022	11/25/2022		Altered Service	329	1	0.254513062	83.73479743	
2222416	92705		AN	M	11/22/2022	12/7/2022		TLA	341	16	0.007256531	2.474477088	
2122894	90047		AN	M	12/22/2021	1/4/2022		Altered Service	4	14	0.007256531	0.029026124	
2202902	92704		AN	M	2/11/2022	2/18/2022			49	8	0.007256531	0.355570021	
2203989	92596		AN	M	3/3/2022	3/3/2022		Other	62	1	0.007256531	0.449904925	
2208803	90745		AN	S	5/19/2022	5/23/2022		TLA	143	5	0.007256531	1.03768394	
2222979	91790		AN	M	11/29/2022	12/5/2022		Cut and Thread	339	7	0.007256531	2.459964026	
2225911	91042		AN	S	12/29/2022			TLA	365		0.007256531	2.648633833	
2206903	90745		AN	M	4/21/2022	4/21/2022			111	1	0.007256531	0.805474946	
2216333	92373		AN	M	9/8/2022	9/8/2022		Altered Service	251	1	0.007256531	1.821389293	
2200752	91765		AN	M	1/12/2022	1/12/2022		Altered Service	12	1	0.007256531	0.087078373	
2203813	91702		AN	S	3/1/2022	3/10/2022		TLA	69	10	0.007256531	0.500700642	
2212519	90232		AN	M	7/18/2022	7/29/2022		TLA	210	12	0.007256531	1.52387152	
2219954	92620		AN	M	10/24/2022	11/7/2022		Altered Service	311	15	0.007256531	2.256781156	
2208315	91741		AH	M	5/12/2022	5/12/2022		Replace Service	132	1	0.254513062	33.5957242	
2122324	90404		AN	S	12/15/2021	4/28/2022			118	135	0.007256531	0.856270664	
2214400	91105		AN	M	8/11/2022	8/11/2022			223	1	0.007256531	1.618206424	
2206822	92841		AN	M	4/20/2022	5/2/2022			122	13	0.007256531	0.885296788	
2213362	91768		AN	M	7/28/2022	7/29/2022			210	2	0.007256531	1.52387152	
2225297	91803		AN	M	12/20/2022			TLA	365		0.007256531	2.648633833	
2222661	90028		AN	M	11/23/2022	12/1/2022		TLA	335	9	0.007256531	2.430937901	
2221985	91007		AH	M	11/17/2022	11/17/2022		Other	321	1	0.254513062	81.69869293	
2202237	91722		AN	M	2/2/2022	2/3/2022			34	2	0.007256531	0.246722056	
2222785	92553		AN	M	11/28/2022	11/28/2022		TLA	332	1	0.007256531	2.409168308	
2214096	92807		AN	M	8/8/2022	8/8/2022			220	1	0.007256531	1.596436831	
2203138	92843		AN	S	2/16/2022	2/23/2022			54	8	0.007256531	0.391852677	
2211531	90241		AN	M	6/30/2022	6/30/2022			181	1	0.007256531	1.31343212	
2218451	91709		AM	M	10/6/2022	10/11/2022		TLA	284	6	0.007256531	2.060854818	
2219566	92354		AH	S	10/19/2022	10/19/2022		Altered Service	292	1	0.254513062	74.31781413	
2213822	93428		AN	S	8/3/2022	8/11/2022		Altered Service	223	9	0.007256531	1.618206424	
2210989	92408		AN	M	6/22/2022	6/27/2022		Altered Service	178	6	0.007256531	1.291662527	
2208757	93535		AH	M	5/18/2022	5/18/2022		Altered Service	138	1	0.254513062	35.12280257	
2205712	92583		AN	M	4/1/2022	4/11/2022		TLA	101	11	0.007256531	0.732909636	
2220201	90241		AN	M	10/26/2022	10/26/2022			299	1	0.007256531	2.169702784	
2200088	91773		AH	M	1/3/2022	1/3/2022		Altered Service	3	1	0.254513062	0.763539186	
2225878	92869		AN	M	12/29/2022	12/29/2022		TLA	363	1	0.007256531	2.634120771	
2223537	92780		AN	M	12/5/2022	12/8/2022			342	4	0.007256531	2.481733619	
2210922	92802		AN	M	6/22/2022	6/22/2022			173	1	0.007256531	1.255379872	
2210177	93430		AN	S	6/9/2022	6/22/2022			173	14	0.007256531	1.255379872	
2205453	91722		AN	M	3/28/2022	3/28/2022			87	1	0.007256531	0.631318201	
2219868	91790		AN	M	10/23/2022	10/23/2022			296	1	0.007256531	2.147933191	
2200244	90240		AN	M	1/5/2022	1/5/2022			5	1	0.007256531	0.036282655	
2212267	92614		AH	M	7/13/2022	7/13/2022			194	1	0.254513062	49.37553405	
2223545	93117		AN	M	12/5/2022	12/5/2022			339	1	0.007256531	2.459964026	
2203036	90042		AH	M	2/14/2022	2/14/2022		Cut and Thread	45	1	0.254513062	11.45308779	
2213794	93311		AN	S	8/3/2022			TLA	365		0.007256531	2.648633833	
2224284	91340		AN	S	12/9/2022				365		0.007256531	2.648633833	
2224891	92804		AN	M	12/16/2022	12/16/2022		TLA	350	1	0.007256531	2.539785867	
2225294	93103		AH	M	12/20/2022	12/20/2022			354	1	0.254513062	90.09762398	
2213447	91790		AN	M	7/29/2022	7/29/2022			210	1	0.007256531	1.52387152	
2206768	90241		AN	S	4/19/2022	4/22/2022			112	4	0.007256531	0.812731478	
2204155	92626		AN	M	3/7/2022	3/9/2022			68	3	0.007256531	0.493444111	
2224652	93535		AN	M	12/14/2022	12/15/2022			349	2	0.007256531	2.532529336	
2218113	92677		AN	M	10/1/2022	10/1/2022		Altered Service	274	1	0.007256531	1.988289507	
2211970	91352		AH	M	7/8/2022	7/8/2022		Cut and Thread	189	1	0.254513062	48.10296874	
2200431	90040		AN	M	2/4/2022	2/4/2022			35	1	0.007256531	0.253978587	
2221229	91744		AH	M	11/8/2022	11/8/2022			312	1	0.254513062	79.40807537	
2214503	90002		AN	M	8/12/2022	8/12/2022		Cut and Thread	224	1	0.007256531	1.625462955	
2203414	92620		AN	M	2/22/2022	2/22/2022			53	1	0.007256531	0.384596146	
2223745	91107		AN	M	12/6/2022	12/12/2022		Altered Service	346	7	0.007256531	2.510759743	
2222039	93060		AH	M	11/17/2022	11/17/2022			321	1	0.254513062	81.69869293	
2212494	90810		AN	S	7/18/2022	8/5/2022		TLA	217	19	0.007256531	1.574667238	
2202239	90630		AN	M	2/2/2022	2/2/2022		TLA	33	1	0.007256531	0.239465525	
2210122	92821		AN	M	6/9/2022	6/9/2022			160	1	0.007256531	1.161044968	
2215791	92705		AM	M	8/30/2022			TLA	365		0.007256531	2.648633833	
2211493	90744		AN	M	6/29/2022	6/29/2022			180	1	0.007256531	1.306175589	
2217789	92886		AN	S	9/28/2022	10/12/2022		TLA	285	15	0.007256531	2.068111349	
2222541	91762		AH	M	11/22/2022	11/22/2022		Cut and Thread	326	1	0.254513062	82.97125824	
2202490	91506		AH	M	2/4/2022	2/4/2022		Cut and Thread	35	1	0.254513062	8.907957173	
2207297	90280		AN	S	4/26/2022	5/6/2022		TLA	126	11	0.007256531	0.914322912	
2209261	90404		AN	M	5/25/2022	6/22/2022			173	29	0.007256531	1.255379872	
2224369	91604		AN	S	12/10/2022			TLA	365		0.007256531	2.648633833	
2207637	91702		AN	M	5/2/2022	5/10/2022			130	9	0.007256531	0.943349036	
2214686	90638		AN	M	8/16/2022	8/16/2022		Cut and Thread	228	1	0.007256531	1.654489079	
2224491	92882		AH	M	12/13/2022	12/13/2022		Cut and Thread	347	1	0.254513062	88.31603255	
2209685	92804		AN	M	6/2/2022	6/2/2022			153	1	0.007256531	1.110249251	
2201290	93065		AN	M	1/20/2022	1/31/2022			31	12	0.007256531	0.224952463	
2213662	90272		AN	S	8/2/2022	9/20/2022		TLA	263	50	0.007256531	1.908467666	
2215447	92627		AN	M	8/25/2022	9/2/2022			245	9	0.007256531	1.777850107	
2208113	92705		AN	S	5/10/2022	6/7/2022			158	29	0.007256531	1.146531906	
2206647	90604		AN	M	4/18/2022	4/25/2022			115	8	0.007256531	0.834501071	
2223368	90034		AN	M	11/21/2022	11/21/2022		TLA	325	1	0.007256531	2.358372591	
2208530	92501		AN	S	5/10/2022	5/20/2022		Other	140	11	0.007256531	1.015914347	
2206761	91001		AN	S	4/19/2022	5/2/2022		Other	122	14	0.007256531	0.885296788	
2205443	90019		AN	M	3/28/2022	3/30/2022			89	3	0.007256531	0.645831263	
2214933	92869		AN	M	8/19/2022	8/19/2022			231	1	0.007256531	1.676258672	
2206719	92259		AN	M	4/19/2022	4/29/2022			119	11	0.007256531	0.863527195	
2202665	92626		AN	S	2/8/2022	2/10/2022			41	3	0.007256531	0.297517773	
2222141	90011		AH	M	11/18/2022	11/18/2022		Cut and Thread	322	1	0.254513062	81.953206	
2220746	91006		AN	M	11/1/2022	11/8/2022			312	8	0.007256531	2.264037687	
2209865	90266		AH	M	6/6/2022	6/6/2022		Altered Service	157	1	0.254513062	39.95855075	
2213584	90016		AN	M	8/1/2022	8/10/2022		Other	222	10	0.007256531	1.610949893	
2201565	90042		AN	M	1/24/2022	2/1/2022			32	9	0.007256531	0.232208994	
2219780	92705		AN	M	10/21/2022	10/26/2022		TLA	299	6	0.007256531	2.169702784	
2201994	92707		AN	M	1/31/2022	7/12/2022		Altered Service	193	163	0.007256531	1.400510493	
2218104	92504		AH	M	9/30/2022	9/30/2022		Cut and Thread	273	1	0.254513062	69.48206595	
2201644	92780		AN	S	1/25/2022	1/27/2022			27	3	0.007256531	0.195926338	
2225052	91770		AN	S	12/17/2022				365		0.007256531	2.648633833	
2214971	91767		AN	M	8/19/2022	8/19/2022		TLA	231	1	0.007256531	1.676258672	
2206165	90065		AN	S	4/8/2022	4/12/2022			102	5	0.007256531	0.740166167	
2203835	91203		AN	S	3/1/2022	3/4/2022			63	4	0.007256531	0.457161456	
2120752	91024		AN	M	11/24/2021	4/15/2022			105	143	0.007256531	0.76193576	
2224405	92627		AN	M	12/12/2022	12/19/2022		TLA	353	8	0.007256531	2.56155546	
2218122	91702		AN	M	10/3/2022	10/13/2022			286	11	0.007256531	2.07536788	
2217116	91733		AN	M	9/20/2022	10/3/2022		TLA	276	14	0.007256531	2.00280257	
2213798	91791		AN	M	8/3/2022	8/3/2022		Altered Service	215	1	0.007256531	1.560154176	
2204278	92868		AN	M	3/9/2022	3/21/2022			80	13	0.007256531	0.580522484	
2206683	90064		AN	S	4/18/2022	6/28/2022		Other	179	72	0.007256531	1.298919058	
2204355	91325		AN	M	3/10/2022	3/10/2022		Altered Service	69	1	0.007256531	0.500700642	
2210816	93536		AN	S	6/21/2022	6/28/2022		Altered Service	179	8	0.007256531	1.298919058	
2216498	90017		AH	M	9/9/2022	9/9/2022		Cut and Thread	252	1	0.254513062	64.13729165	
2212677	93117		AN	M	7/20/2022	7/20/2022		Other	201	1	0.007256531	1.458562741	
2201613	91744		AH	M	1/24/2022	1/24/2022			24	1	0.254513062	6.10831349	
2216309	90266		AN	M	9/7/2022	9/12/2022		Altered Service	255	6	0.007256531	1.850415418	
2224688	92845		AN	S	12/14/2022	12/19/2022			353	6	0.007256531	2.56155546	
2221537	92603		AN	M	11/14/2022	11/14/2022		TLA	318	1	0.007256531	2.307576874	
2217455	92677		AN	S	9/23/2022	9/26/2022			269	4	0.007256531	1.952006852	
2225690	91711		AM	M	12/27/2022				365		0.007256531	2.648633833	
2221614	92324		AN	M	11/14/2022	11/18/2022		TLA	322	5	0.007256531	2.336602998	
2219242	91722		AH	M	10/17/2022	10/17/2022		Cut and Thread	290	1	0.254513062	73.80878801	
2218685	90403		AN	S	10/10/2022	10/28/2022		TLA	301	19	0.007256531	2.184215846	
2204574	90401		AN	M	3/14/2022	3/19/2022		TLA	78	6	0.007256531	0.566009422	
2209391	92316		AH	M	5/26/2022	5/26/2022			146	1	0.254513062	37.15890707	
2211746	92603		AN	S	7/5/2022	7/18/2022			199	14	0.007256531	1.444049679	
2204277	92234		AN	M	3/9/2022	3/17/2022		TLA	76	9	0.007256531	0.55149636	
2202847	92590		AN	M	2/10/2022	2/17/2022			48	8	0.007256531	0.34831349	
2218033	93003		AN	M	9/30/2022	12/28/2022			362	90	0.007256531	2.62686424	
2218504	93241		AN	S	10/6/2022	10/7/2022			280	2	0.007256531	2.031828694	
2200118	91780		AN	M	1/4/2022	3/17/2022			76	73	0.007256531	0.55149636	
2219662	91790		AN	M	10/20/2022	11/1/2022			305	13	0.007256531	2.21324197	
2208292	91745		AH	M	5/12/2022	5/12/2022			132	1	0.254513062	33.5957242	
2208406	90638		AN	M	5/13/2022	5/13/2022			133	1	0.007256531	0.96511863	
2209665	91722		AN	M	6/2/2022	6/2/2022		TLA	153	1	0.007256531	1.110249251	
2208026	93221		AN	M	5/9/2022	5/11/2022		TLA	131	3	0.007256531	0.950605567	
2212797	90019		AN	M	7/21/2022	7/27/2022			208	7	0.007256531	1.509358458	
2220410	92602		AN	S	10/28/2022	11/9/2022		TLA	313	13	0.007256531	2.271294218	
2211248	92651		AN	S	7/13/2022	7/15/2022		TLA	196	3	0.007256531	1.422280086	
2207318	92701		AN	S	4/27/2022	4/29/2022			119	3	0.007256531	0.863527195	
2202110	92703		AN	M	2/1/2022	2/2/2022			33	2	0.007256531	0.239465525	
2225697	90744		AN	M	12/27/2022	12/27/2022			361	1	0.007256531	2.619607709	
2224517	91732		AN	M	12/13/2022	12/13/2022			347	1	0.007256531	2.518016274	
2202118	91744		AN	M	2/1/2022	2/1/2022		Other	32	1	0.007256531	0.232208994	
2225217	90650		AN	S	12/19/2022			Cut and Thread	365		0.007256531	2.648633833	
2122733	92866		AN	S	12/20/2021	6/10/2022			161	173	0.007256531	1.168301499	
2210388	92802		AN	S	6/14/2022	6/23/2022			174	10	0.007256531	1.262636403	
2212991	93304		AN	M	7/25/2022	7/25/2022			206	1	0.007256531	1.494845396	
2205350	93449		AN	S	3/25/2022	3/31/2022			90	7	0.007256531	0.653087794	
2223821	90047		AN	M	12/6/2022	12/6/2022		Other	340	1	0.007256531	2.467220557	
2214401	91316		AN	M	8/11/2022	8/16/2022		TLA	228	6	0.007256531	1.654489079	
2203830	90703		AN	M	3/1/2022	3/1/2022			60	1	0.007256531	0.435391863	
2209092	92646		AN	S	5/24/2022	6/2/2022			153	10	0.007256531	1.110249251	
2204429	92596		AN	M	3/10/2022	3/10/2022		TLA	69	1	0.007256531	0.500700642	
2203696	91367		AH	M	2/25/2022	2/25/2022		Altered Service	56	1	0.254513062	14.25273148	
2224026	92694		AN	M	12/8/2022	12/8/2022		TLA	342	1	0.007256531	2.481733619	
2205066	90043		AH	M	3/21/2022	3/21/2022		Altered Service	80	1	0.254513062	20.36104497	
2207701	90061		AN	S	5/3/2022	5/11/2022		TLA	131	9	0.007256531	0.950605567	
2214937	90003		AN	M	8/18/2022	8/30/2022		TLA	242	12	0.007256531	1.756080514	
2202669	92626		AN	S	2/8/2022	2/14/2022			45	7	0.007256531	0.326543897	
2206605	90255		AH	M	4/15/2022	4/15/2022			105	1	0.254513062	26.72387152	
2210979	90221		AN	S	6/22/2022	7/6/2022		TLA	187	15	0.007256531	1.356971306	
2221244	91790		AN	M	11/9/2022	11/9/2022		Cut and Thread	313	1	0.007256531	2.271294218	
2213534	90045		AN	M	7/29/2022	7/29/2022			210	1	0.007256531	1.52387152	
2208180	90723		AH	M	5/10/2022	5/10/2022		Cut and Thread	130	1	0.254513062	33.08669807	
2208273	92683		AN	M	5/12/2022	5/12/2022			132	1	0.007256531	0.957862099	
2206440	92801		AN	S	4/13/2022	4/14/2022			104	2	0.007256531	0.754679229	
2203191	91362		AN	S	2/16/2022	2/23/2022		Altered Service	54	8	0.007256531	0.391852677	
2202837	91766		AN	M	2/10/2022	2/10/2022		TLA	41	1	0.007256531	0.297517773	
2221286	91791		AN	M	11/9/2022	11/9/2022			313	1	0.007256531	2.271294218	
2208745	90272		AH	M	5/18/2022	5/18/2022			138	1	0.254513062	35.12280257	
2211224	92802		AN	S	6/27/2022	7/1/2022			182	5	0.007256531	1.320688651	
2200401	93033		AN	M	1/7/2022	1/13/2022			13	7	0.007256531	0.094334904	
2202561	91201		AN	S	2/7/2022	2/16/2022			47	10	0.007256531	0.341056959	
2221623	91773		AN	M	11/14/2022	11/21/2022		Altered Service	325	8	0.007256531	2.358372591	
2210966	92802		AN	M	6/22/2022	6/23/2022			174	2	0.007256531	1.262636403	
2222283	92869		AN	S	11/21/2022				365		0.007256531	2.648633833	
2218015	90712		AH	M	9/30/2022	9/30/2022		Cut and Thread	273	1	0.254513062	69.48206595	
2218061	93436		AN	M	9/30/2022	9/30/2022		Cut and Thread	273	1	0.007256531	1.981032976	
2202465	93001		AN	S	2/4/2022	2/10/2022		Cut and Thread	41	7	0.007256531	0.297517773	
2224724	93263		AN	M	12/14/2022	12/21/2022		TLA	355	8	0.007256531	2.576068522	
2204351	91803		AH	M	3/9/2022	3/9/2022		Altered Service	68	1	0.254513062	17.30688822	
2201803	91403		AN	S	1/27/2022	2/8/2022		TLA	39	13	0.007256531	0.283004711	
2221812	91205		AN	M	11/15/2022	12/1/2022		TLA	335	17	0.007256531	2.430937901	
2225847	90260		AN	M	12/28/2022	12/28/2022		TLA	362	1	0.007256531	2.62686424	
2201719	90706		AN	S	1/26/2022	1/31/2022			31	6	0.007256531	0.224952463	
2212283	93004		AN	M	7/14/2022	7/15/2022		TLA	196	2	0.007256531	1.422280086	
2213418	91722		AN	M	7/28/2022	7/28/2022			209	1	0.007256531	1.516614989	
2222927	93101		AN	M	11/29/2022	11/29/2022			333	1	0.007256531	2.416424839	
2222342	91402		AN	M	11/21/2022	11/29/2022			333	9	0.007256531	2.416424839	
2218446	91702		AN	S	10/6/2022	11/17/2022			321	43	0.007256531	2.329346467	
2222113	90027		AN	M	11/18/2022	12/5/2022		TLA	339	18	0.007256531	2.459964026	
2225125	91011		AN	M	12/19/2022	12/30/2022		TLA	364	12	0.007256531	2.641377302	
2209284	91733		AN	S	5/26/2022	6/10/2022		TLA	161	16	0.007256531	1.168301499	
2222604	92840		AN	S	11/23/2022	12/5/2022		TLA	339	13	0.007256531	2.459964026	
2221859	90005		AN	M	11/16/2022	12/2/2022		TLA	336	17	0.007256531	2.438194433	
2220544	90006		AN	S	10/31/2022	11/10/2022		TLA	314	11	0.007256531	2.278550749	
2221350	91706		AH	M	11/10/2022	11/10/2022			314	1	0.254513062	79.9171015	
2211351	91006		AN	S	6/28/2022	7/28/2022			209	31	0.007256531	1.516614989	
2203177	93243		AH	M	2/16/2022	2/16/2022		Other	47	1	0.254513062	11.96211392	
2225797	93015		AN	M	12/28/2022	12/28/2022			362	1	0.007256531	2.62686424	
2204293	90044		AN	S	3/9/2022	3/21/2022		TLA	80	13	0.007256531	0.580522484	
2219523	91702		AN	M	10/19/2022	10/19/2022			292	1	0.007256531	2.118907066	
2210230	90603		AN	M	6/10/2022	6/10/2022			161	1	0.007256531	1.168301499	
2217514	91733		AN	S	9/23/2022	11/15/2022			319	54	0.007256531	2.314833405	
2223993	90404		AN	M	12/8/2022	12/16/2022		TLA	350	9	0.007256531	2.539785867	
2225917	92647		AM	S	12/29/2022			TLA	365		0.007256531	2.648633833	
2217722	91331		AN	M	9/27/2022	9/27/2022		TLA	270	1	0.007256531	1.959263383	
2200333	91201		AN	S	1/6/2022	1/19/2022		Cut and Thread	19	14	0.007256531	0.13787409	
2208620	93455		AN	M	5/17/2022	5/17/2022		Altered Service	137	1	0.007256531	0.994144754	
2213019	90011		AH	M	7/25/2022	7/25/2022		Altered Service	206	1	0.254513062	52.42969079	
2216713	93010		AN	M	9/14/2022	9/14/2022			257	1	0.007256531	1.86492848	
2221720	93004		AN	M	11/15/2022	11/15/2022			319	1	0.007256531	2.314833405	
2222796	91762		AH	M	11/28/2022	11/28/2022		Cut and Thread	332	1	0.254513062	84.49833662	
2208930	93308		AH	M	5/20/2022	5/20/2022		Cut and Thread	140	1	0.254513062	35.63182869	
2200939	92509		AN	M	1/14/2022	1/14/2022			14	1	0.007256531	0.101591435	
2203677	92604		AN	S	2/25/2022	2/28/2022			59	4	0.007256531	0.428135332	
2210172	90660		AN	S	6/9/2022	7/14/2022			195	36	0.007256531	1.415023555	
2221328	92220		AH	M	11/9/2022	11/9/2022		Cut and Thread	313	1	0.254513062	79.66258884	
2200419	93060		AN	M	1/7/2022	1/7/2022			7	1	0.007256531	0.050795717	
2221158	92626		AN	S	11/7/2022	11/17/2022			321	11	0.007256531	2.329346467	
2222580	93103		AN	S	11/23/2022	11/23/2022			327	1	0.007256531	2.372885653	
2201397	92651		AN	M	1/21/2022	1/21/2022		TLA	21	1	0.007256531	0.152387152	
2208189	92808		AN	M	5/11/2022	5/17/2022		Altered Service	137	7	0.007256531	0.994144754	
2203172	91355		AN	M	2/16/2022	2/16/2022			47	1	0.007256531	0.341056959	
2115202	90064		AN	M	9/8/2021	1/3/2022			3	118	0.007256531	0.021769593	
2205031	91766		AN	M	3/21/2022	3/21/2022			80	1	0.007256531	0.580522484	
2215680	92806		AN	S	8/29/2022	9/7/2022		TLA	250	10	0.007256531	1.814132762	
2201633	92801		AN	M	1/25/2022	1/25/2022		TLA	25	1	0.007256531	0.181413276	
2225739	92377		AN	M	12/27/2022	12/29/2022		TLA	363	3	0.007256531	2.634120771	
2225322	92843		AN	S	12/20/2022	12/30/2022		TLA	364	11	0.007256531	2.641377302	
2204697	90011		AN	S	3/15/2022	3/18/2022		Altered Service	77	4	0.007256531	0.558752891	
2206344	92835		AN	M	4/12/2022	4/12/2022			102	1	0.007256531	0.740166167	
2224961	90248		AH	S	12/16/2022	12/16/2022			350	1	0.254513062	89.07957173	
2122660	93001		AN	M	12/20/2021	1/12/2022			12	24	0.007256531	0.087078373	
2222339	91709		AN	M	11/21/2022	12/6/2022		TLA	340	16	0.007256531	2.467220557	
2207791	93004		AN	M	5/4/2022	5/4/2022		TLA	124	1	0.007256531	0.89980985	
2224015	90402		AN	M	12/8/2022	12/19/2022		TLA	353	12	0.007256531	2.56155546	
2219514	91324		AH	M	10/19/2022	10/19/2022		TLA	292	1	0.254513062	74.31781413	
2201107	92651		AN	M	1/18/2022	1/18/2022			18	1	0.007256531	0.130617559	
2208018	91748		AN	M	5/9/2022	5/17/2022			137	9	0.007256531	0.994144754	
2211852	90706		AN	M	7/7/2022	7/11/2022			192	5	0.007256531	1.393253961	
2215226	90305		AH	M	8/23/2022	8/23/2022		Altered Service	235	1	0.254513062	59.81056959	
2222794	92806		AN	M	11/28/2022	11/28/2022			332	1	0.007256531	2.409168308	
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2213661	90731		AN	M	8/2/2022				365		0.007256531	2.648633833	
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2210171	93428		AN	S	6/9/2022	6/16/2022		TLA	167	8	0.007256531	1.211840685	
2222770	90003		AH	M	11/28/2022	11/28/2022		Cut and Thread	332	1	0.254513062	84.49833662	
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2218745	90250		AN	M	10/10/2022	10/21/2022		Altered Service	294	12	0.007256531	2.133420128	
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2206897	90745		AN	S	4/19/2022	4/29/2022		TLA	119	11	0.007256531	0.863527195	
2225268	91204		AN	M	12/20/2022	12/20/2022			354	1	0.007256531	2.568811991	
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2221796	90746		AN	M	11/15/2022	11/15/2022			319	1	0.007256531	2.314833405	
2221961	92630		AN	M	11/17/2022	11/17/2022			321	1	0.007256531	2.329346467	
2220917	91711		AN	S	11/3/2022			TLA	365		0.007256531	2.648633833	
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2212435	92804		AH	M	7/15/2022	7/15/2022		Cut and Thread	196	1	0.254513062	49.88456017	
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2212191	92782		AN	M	7/13/2022	7/13/2022			194	1	0.007256531	1.407767024	
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2209076	92603		AN	M	5/24/2022	5/25/2022		Altered Service	145	2	0.007256531	1.052197002	
2215503	90272		AN	M	8/26/2022	9/2/2022		TLA	245	8	0.007256531	1.777850107	
2220497	93311		AN	M	10/31/2022	11/7/2022			311	8	0.007256531	2.256781156	
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2214314	90063		AN	S	8/10/2022	8/11/2022		Other	223	2	0.007256531	1.618206424	
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2223306	91001		AN	M	12/1/2022	12/1/2022			335	1	0.007256531	2.430937901	
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2212627	93436		AN	M	7/19/2022	7/20/2022			201	2	0.007256531	1.458562741	
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2225978	91207		AH	M	12/30/2022	12/30/2022		Cut and Thread	364	1	0.254513062	92.6427546	
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2225145	90020		AN	S	12/19/2022	12/22/2022		TLA	356	4	0.007256531	2.583325054	
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2225369	90723		AN	M	12/20/2022	12/20/2022			354	1	0.007256531	2.568811991	
2213655	91724		AN	S	8/2/2022	8/10/2022			222	9	0.007256531	1.610949893	
2207596	90712		AN	S	5/2/2022	5/4/2022			124	3	0.007256531	0.89980985	
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2213394	91722		AN	M	7/28/2022	7/28/2022			209	1	0.007256531	1.516614989	
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2219689	90044		AN	M	10/20/2022	10/20/2022		Altered Service	293	1	0.007256531	2.126163587	
2213359	91010		AN	M	7/28/2022	7/28/2022		Cut and Thread	209	1	0.007256531	1.516614989	
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2206263	90505		AN	M	4/11/2022	4/11/2022			101	1	0.007256531	0.732909636	
2200787	90405		AM	S	1/6/2022	6/13/2022		TLA	164	159	0.007256531	1.190071092	
2207013	93309		AN	S	4/22/2022	4/27/2022		TLA	117	6	0.007256531	0.849014133	
2223919	91766		AN	M	12/7/2022	12/7/2022		TLA	341	1	0.007256531	2.474477088	
2209332	91364		AN	M	5/26/2022	5/26/2022			146	1	0.007256531	1.059453533	
2225592	91724		AN	M	12/22/2022				365		0.007256531	2.648633833	
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2215030	90094		AN	M	8/22/2022	9/6/2022			249	16	0.007256531	1.806876231	
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2204228	92596		AN	M	3/8/2022	3/8/2022		TLA	67	1	0.007256531	0.48618758	
2203957	90048		AH	M	3/2/2022	3/2/2022			61	1	0.254513062	15.52529679	
2221266	91741		AN	M	11/9/2022	11/23/2022		TLA	327	15	0.007256531	2.372885653	
2202771	90201		AN	S	2/9/2022	2/11/2022			42	3	0.007256531	0.304774304	
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2213539	90045		AN	M	7/29/2022	7/29/2022			210	1	0.007256531	1.52387152	
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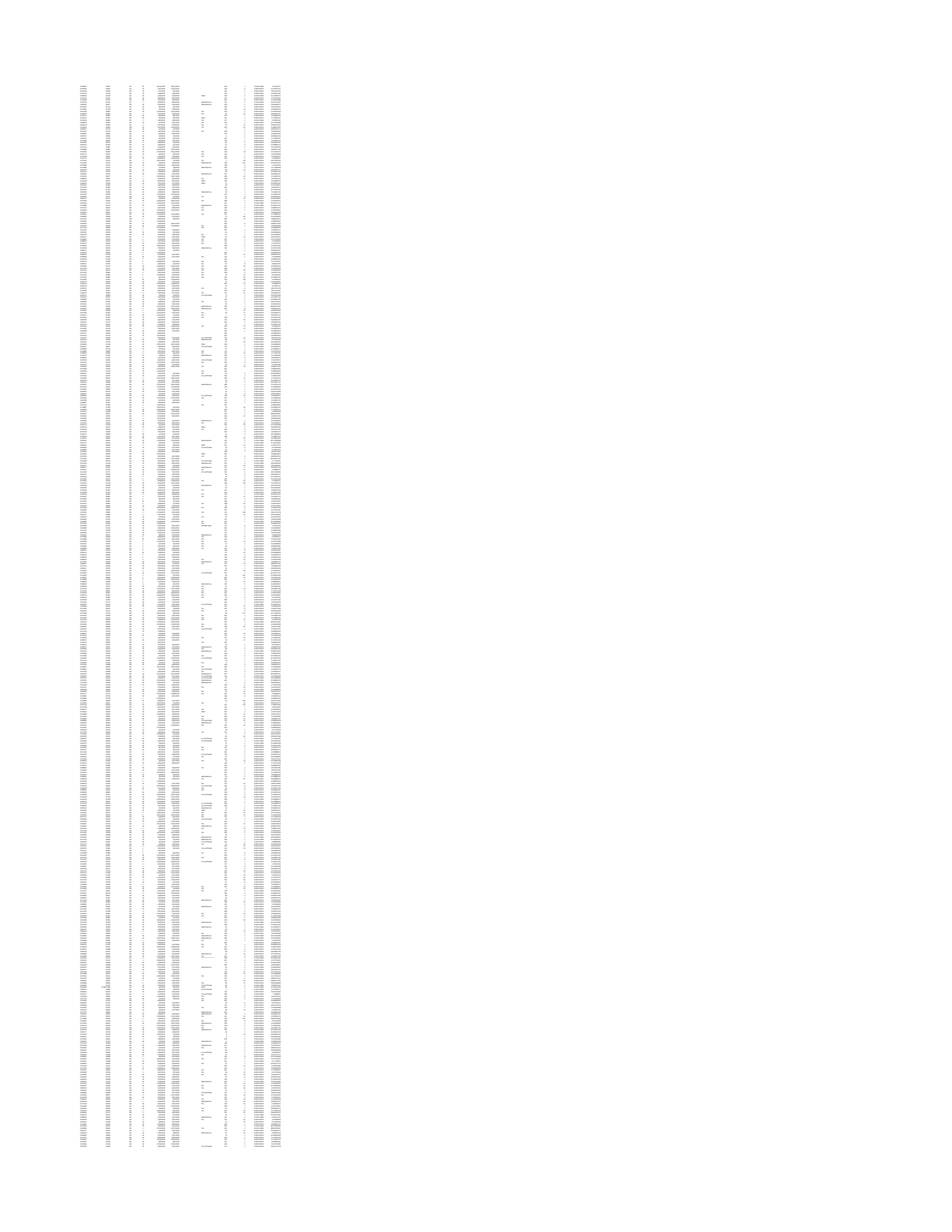

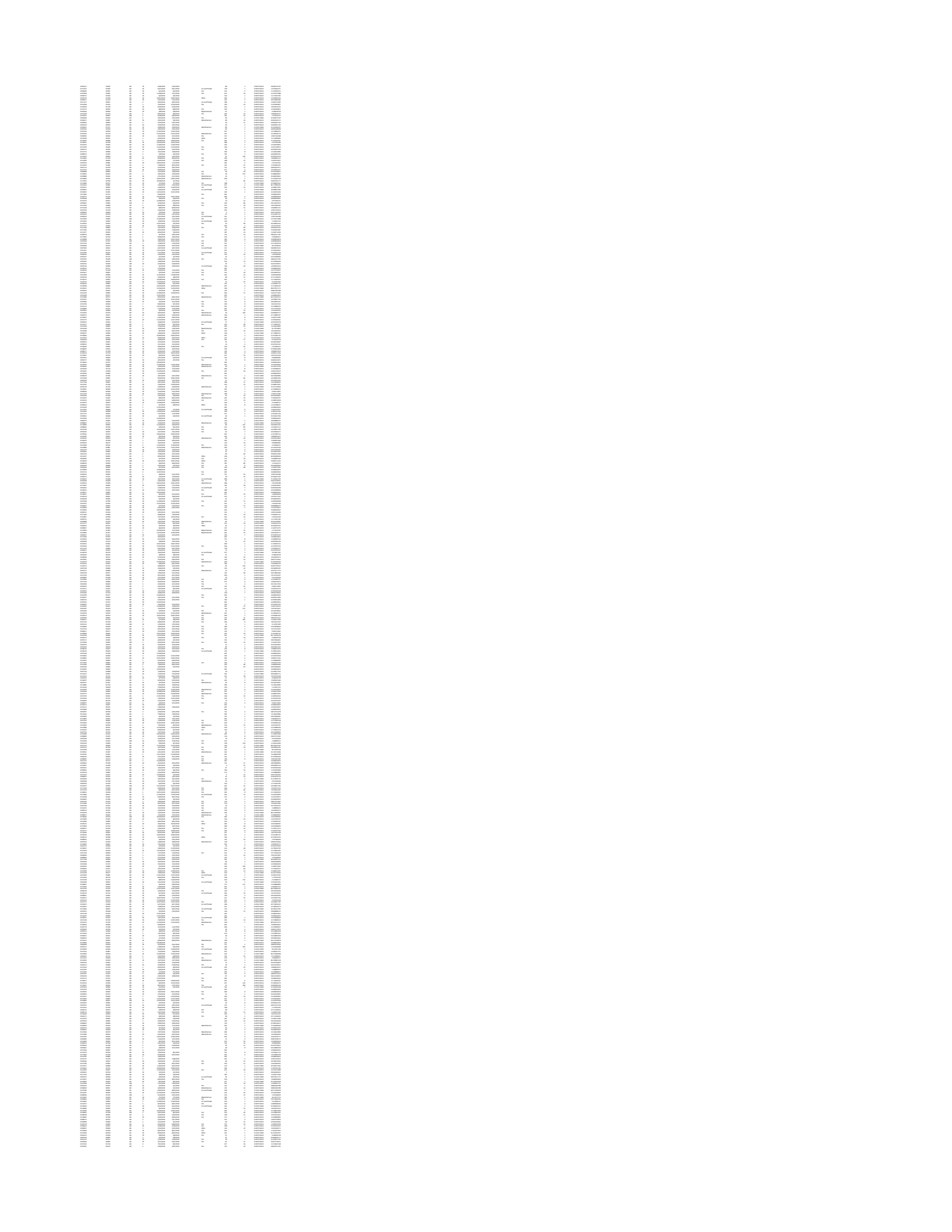

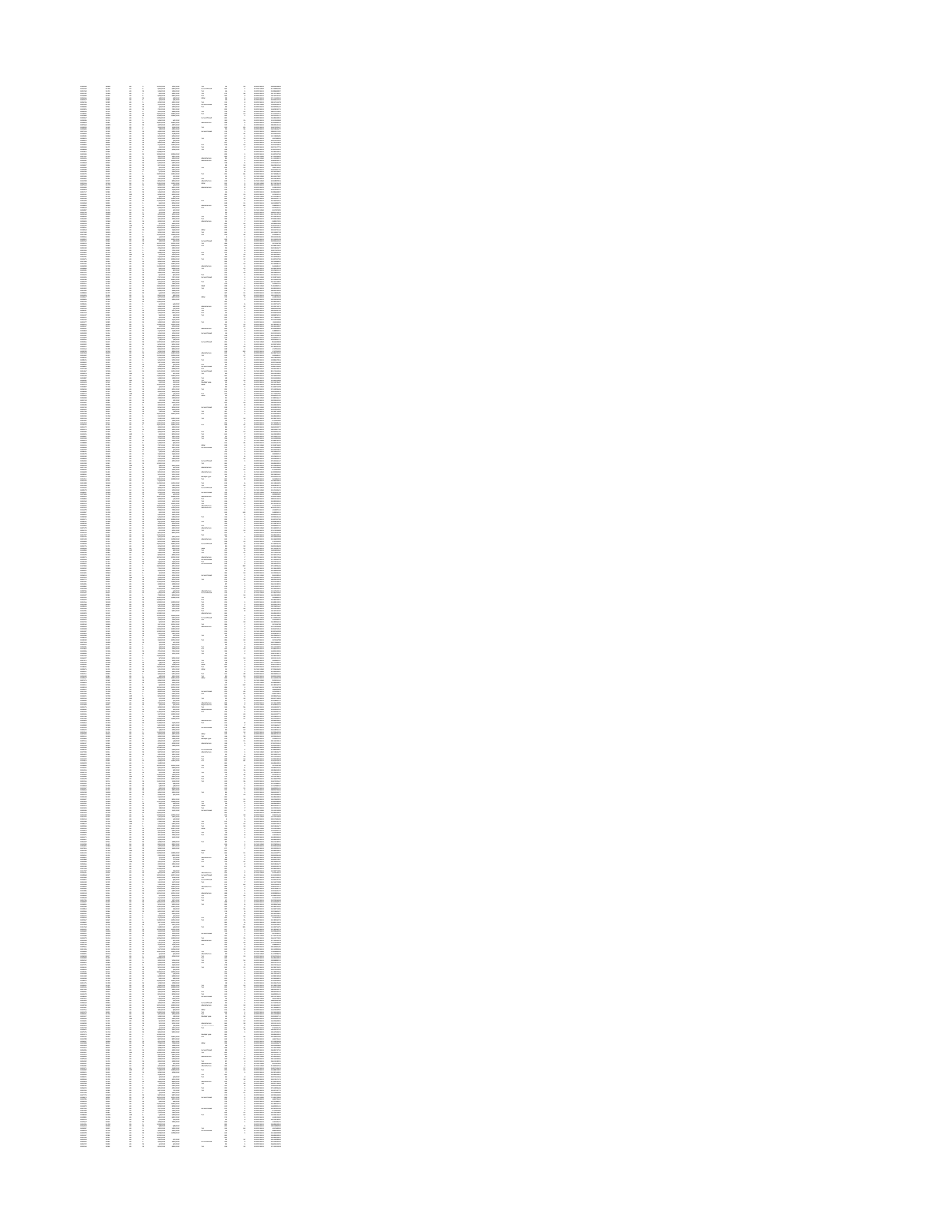

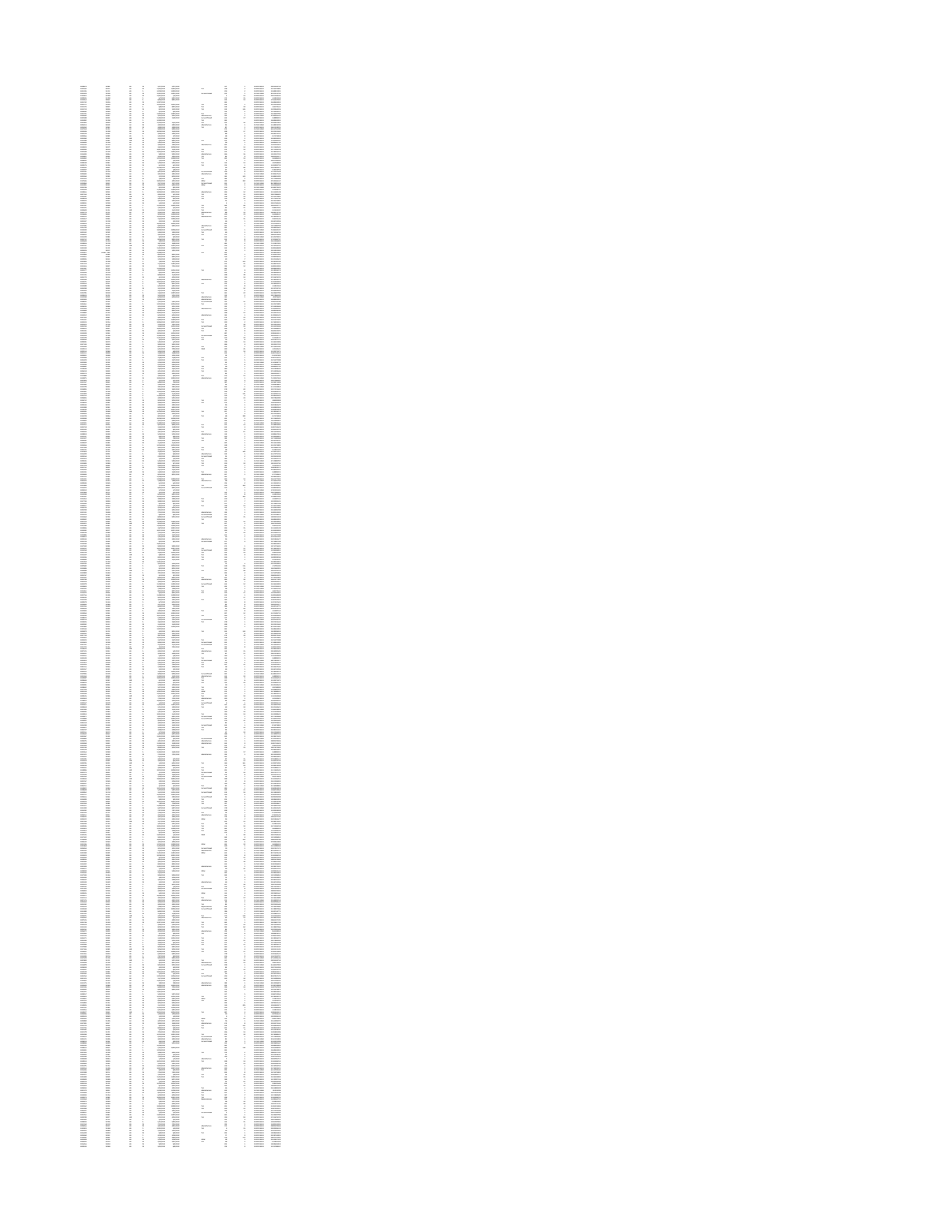

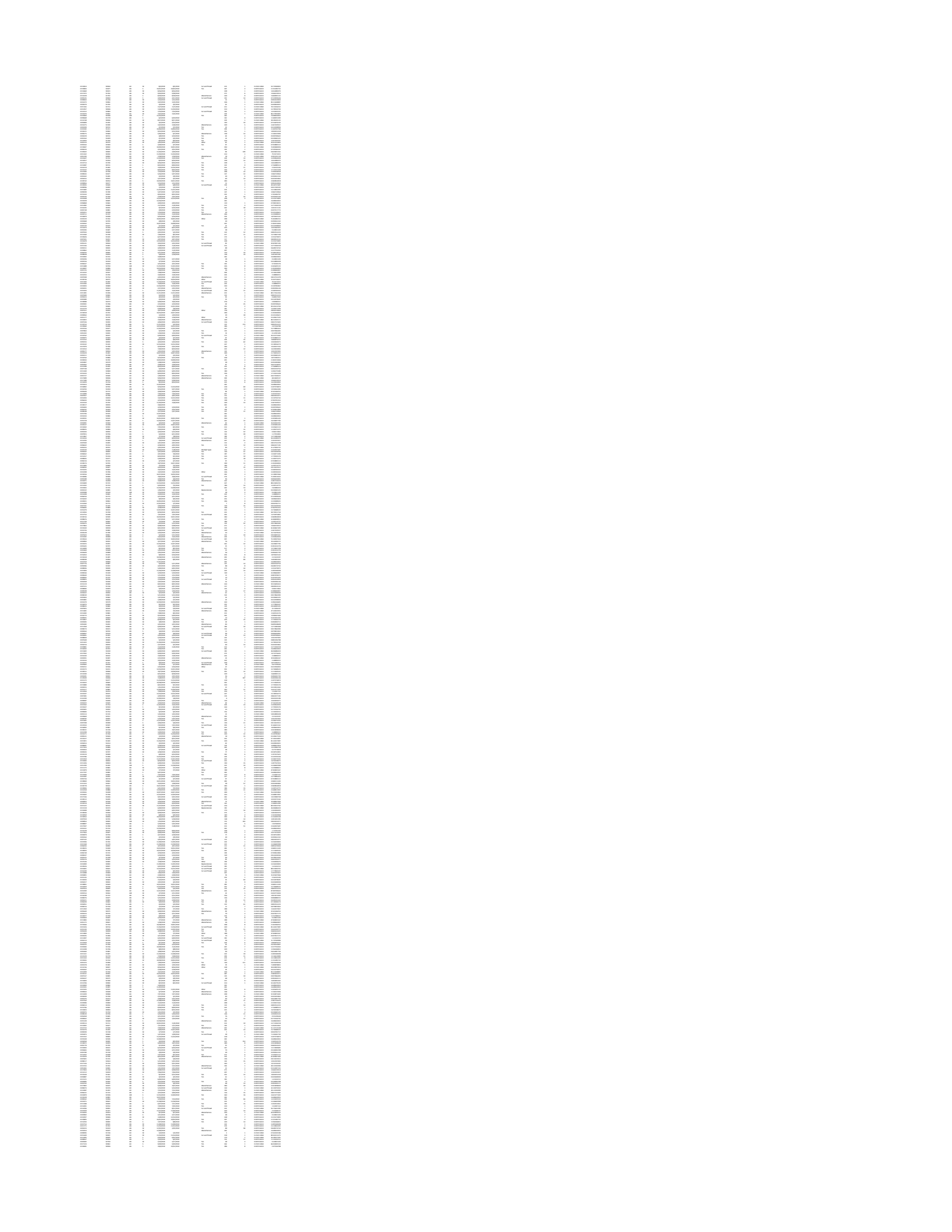

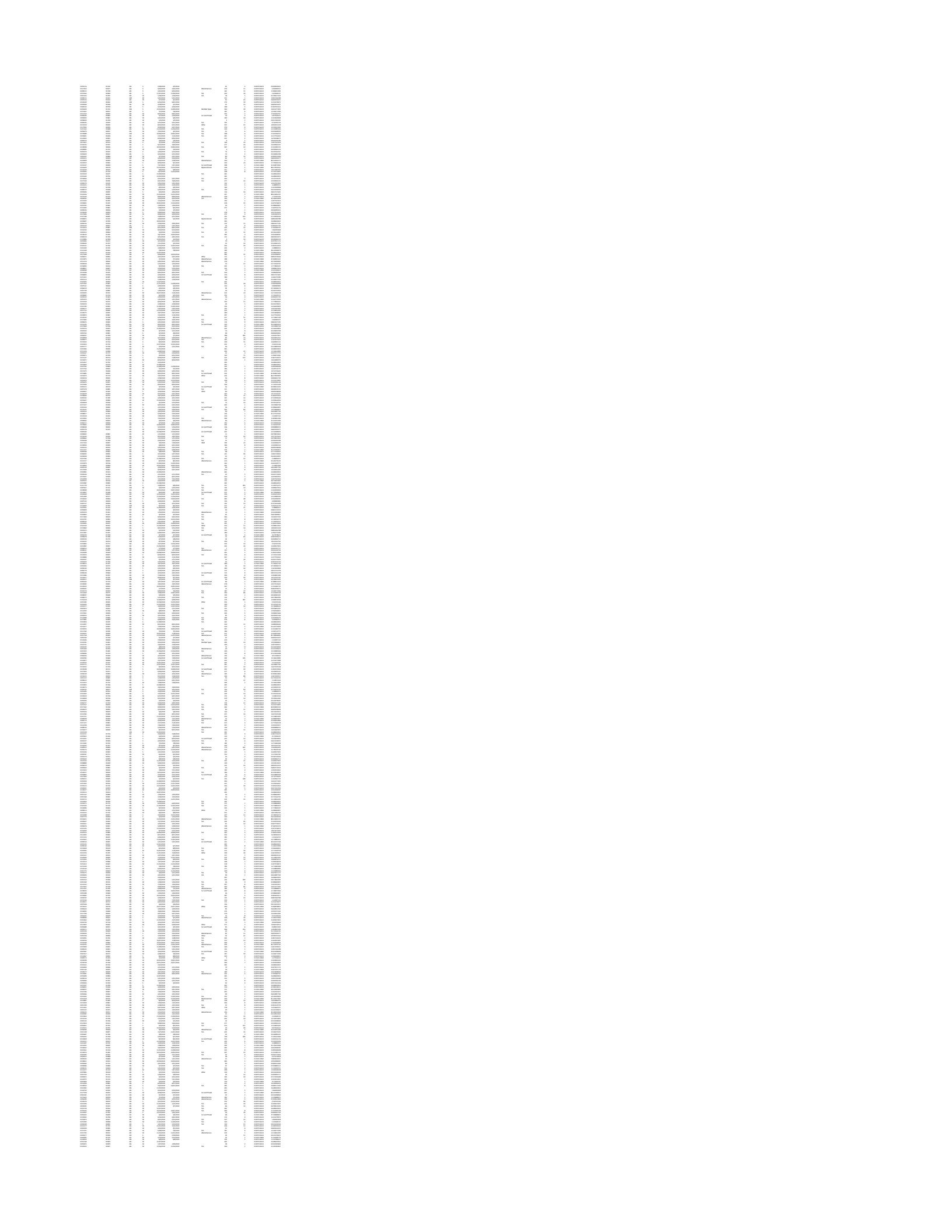

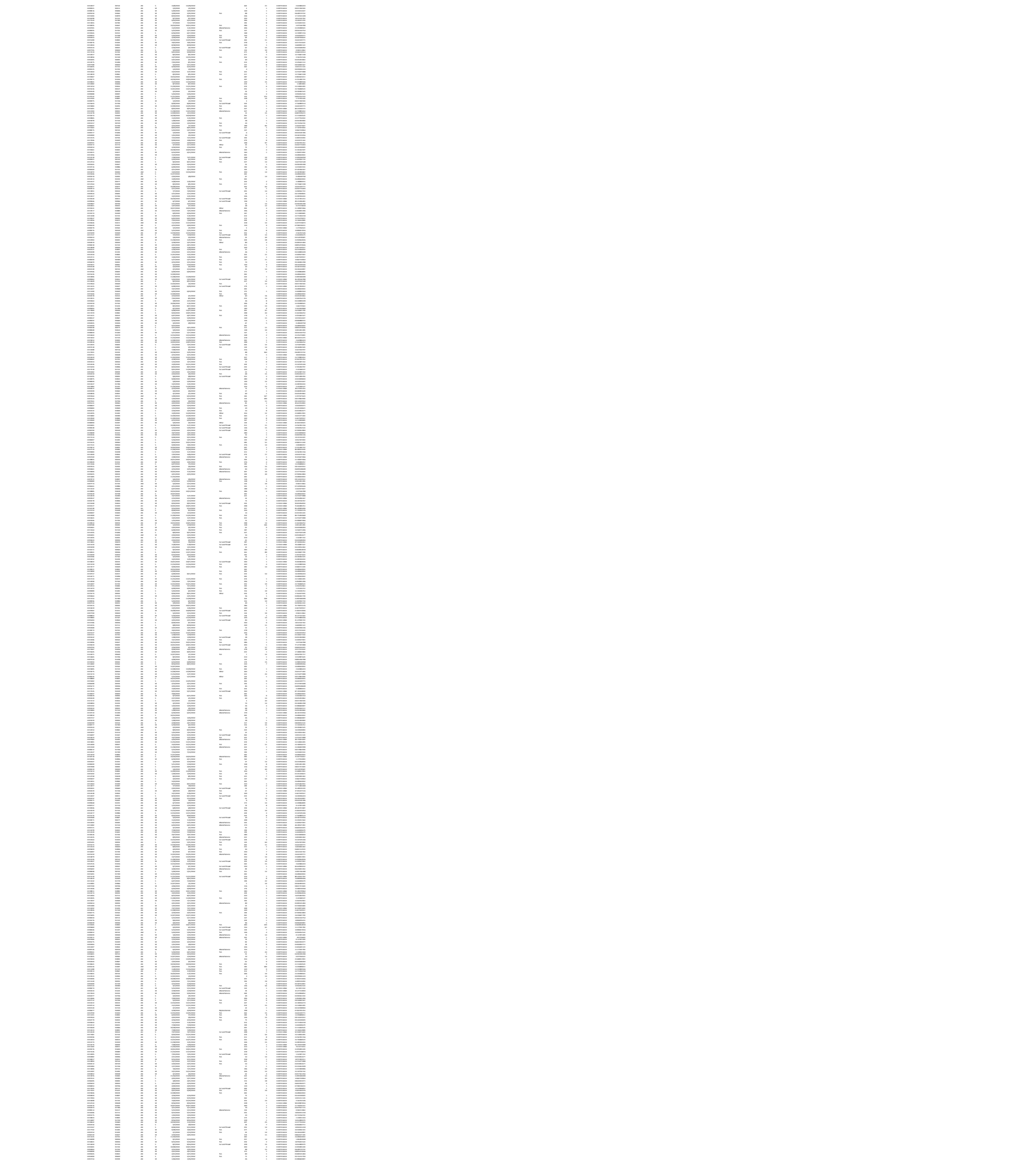

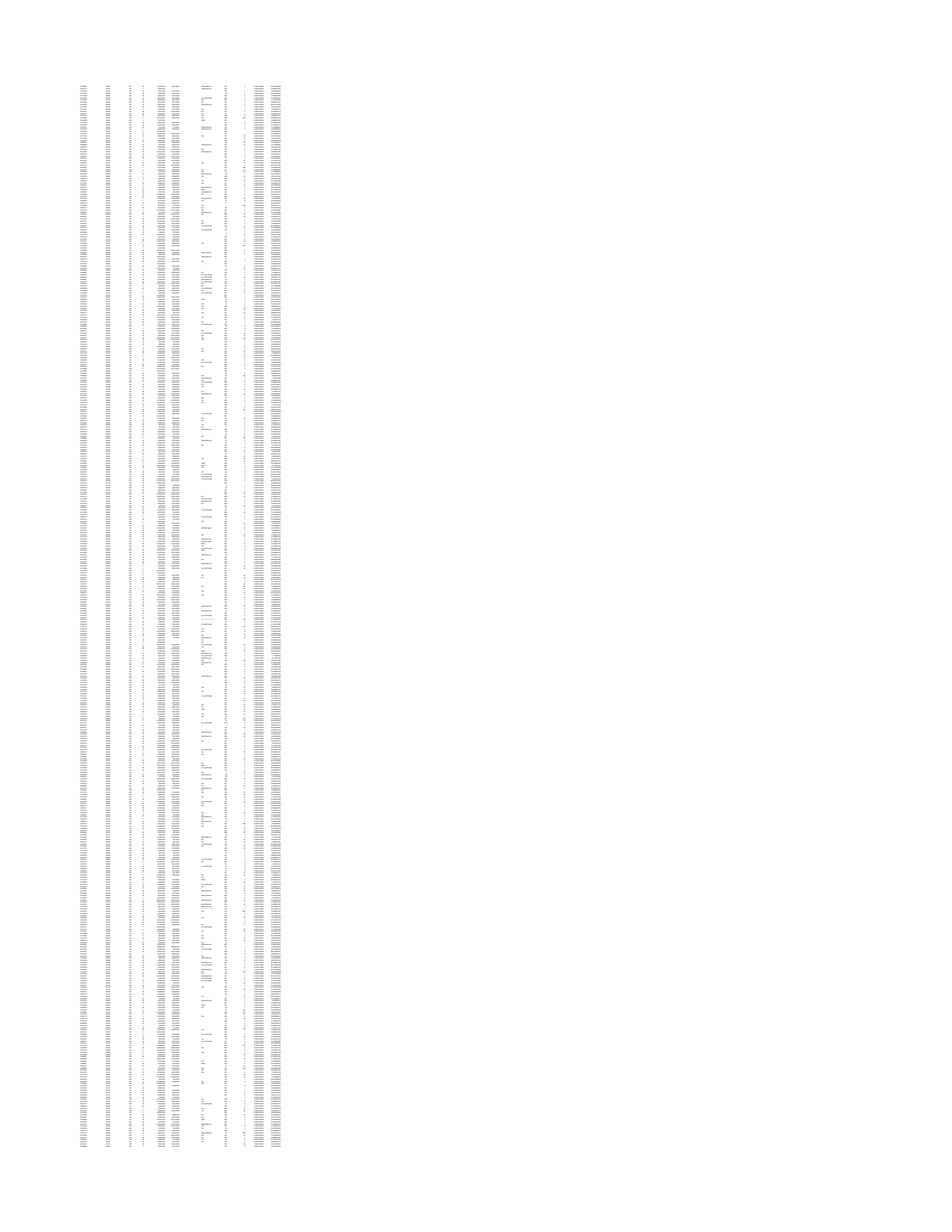

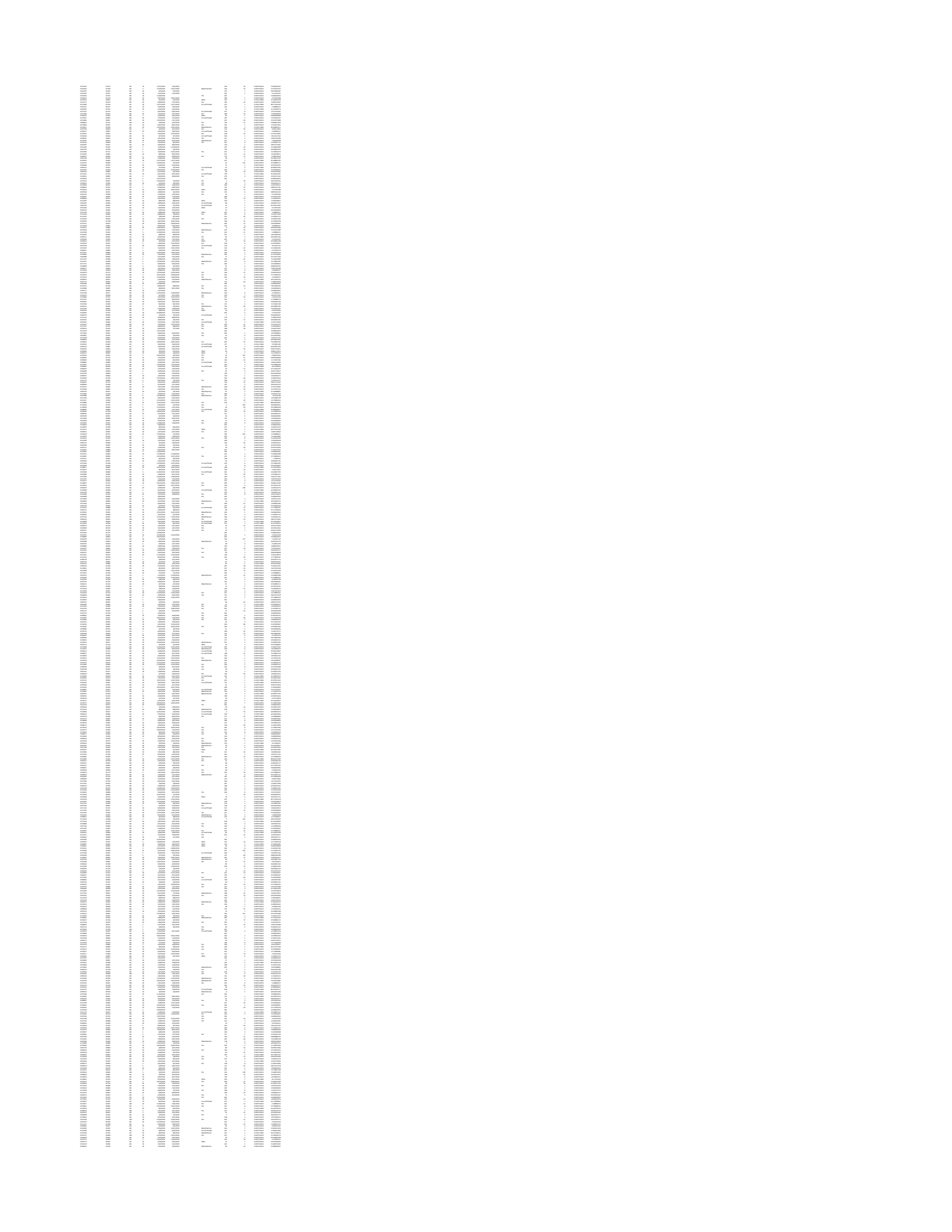

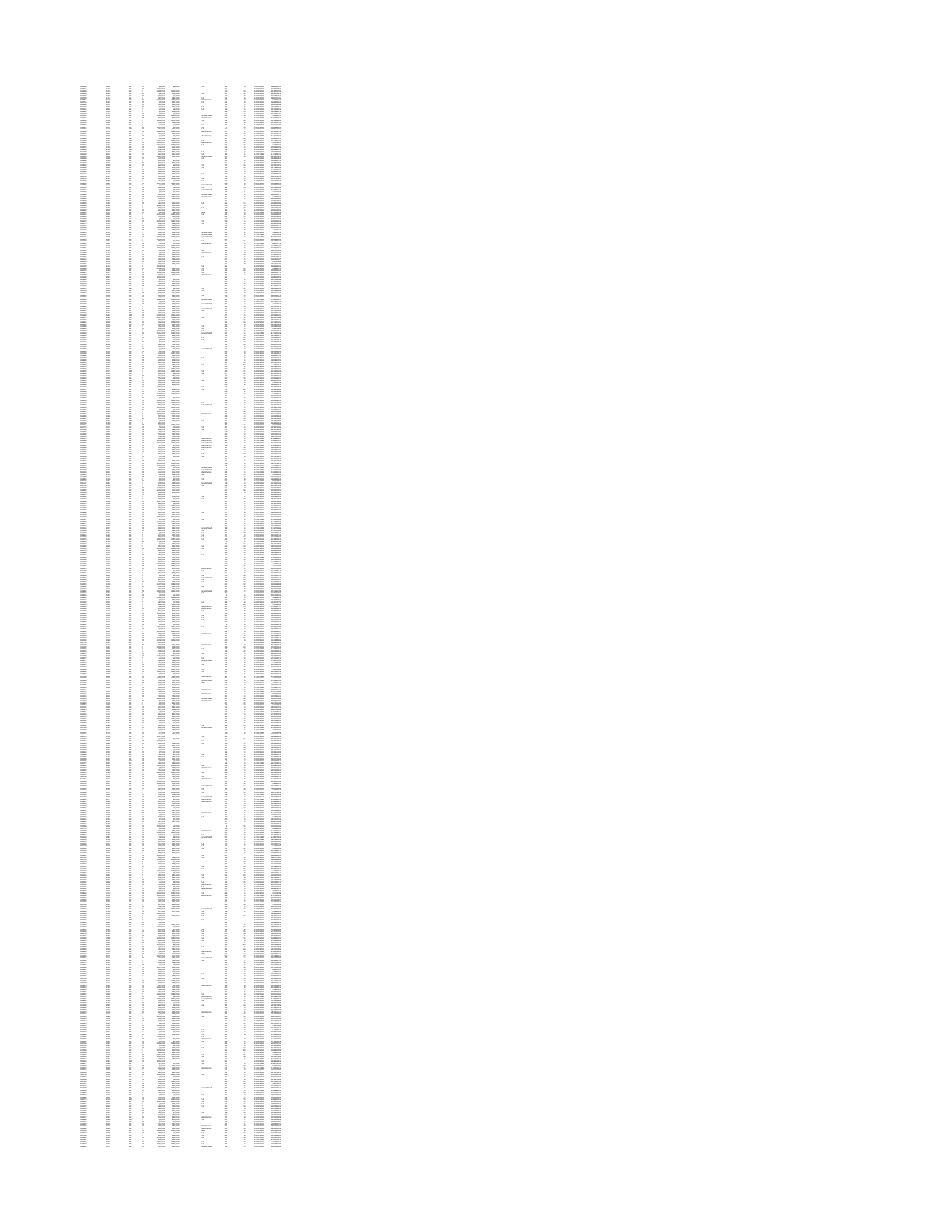

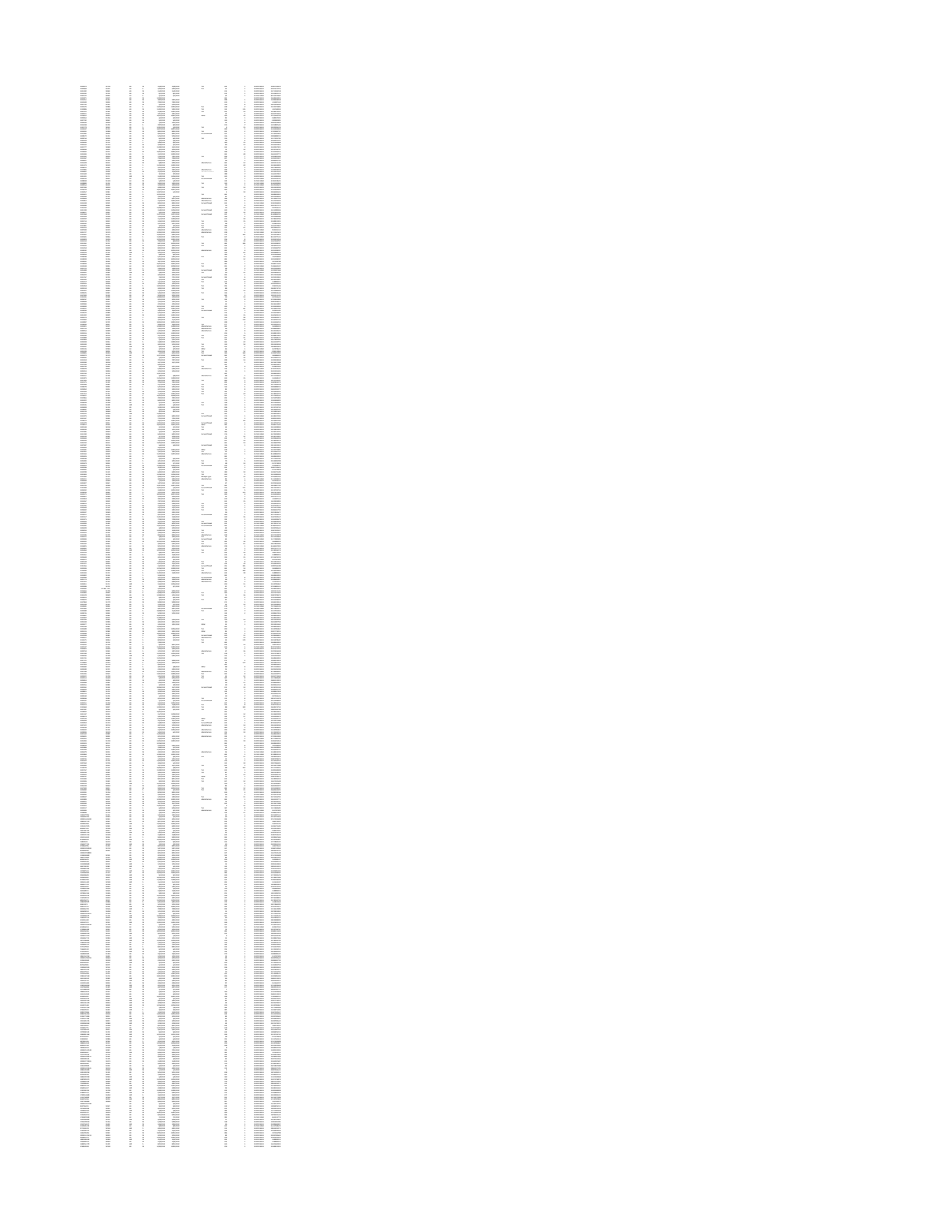

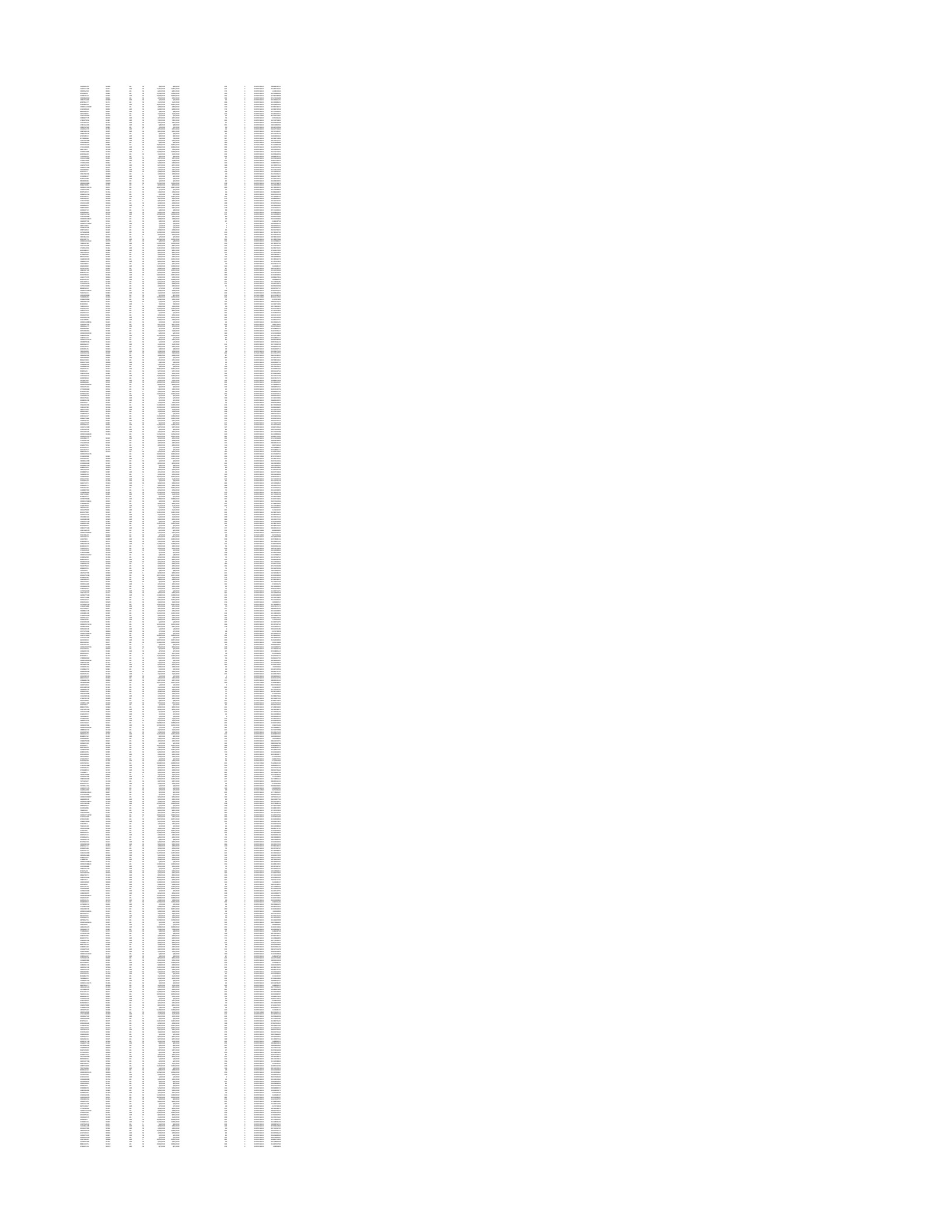

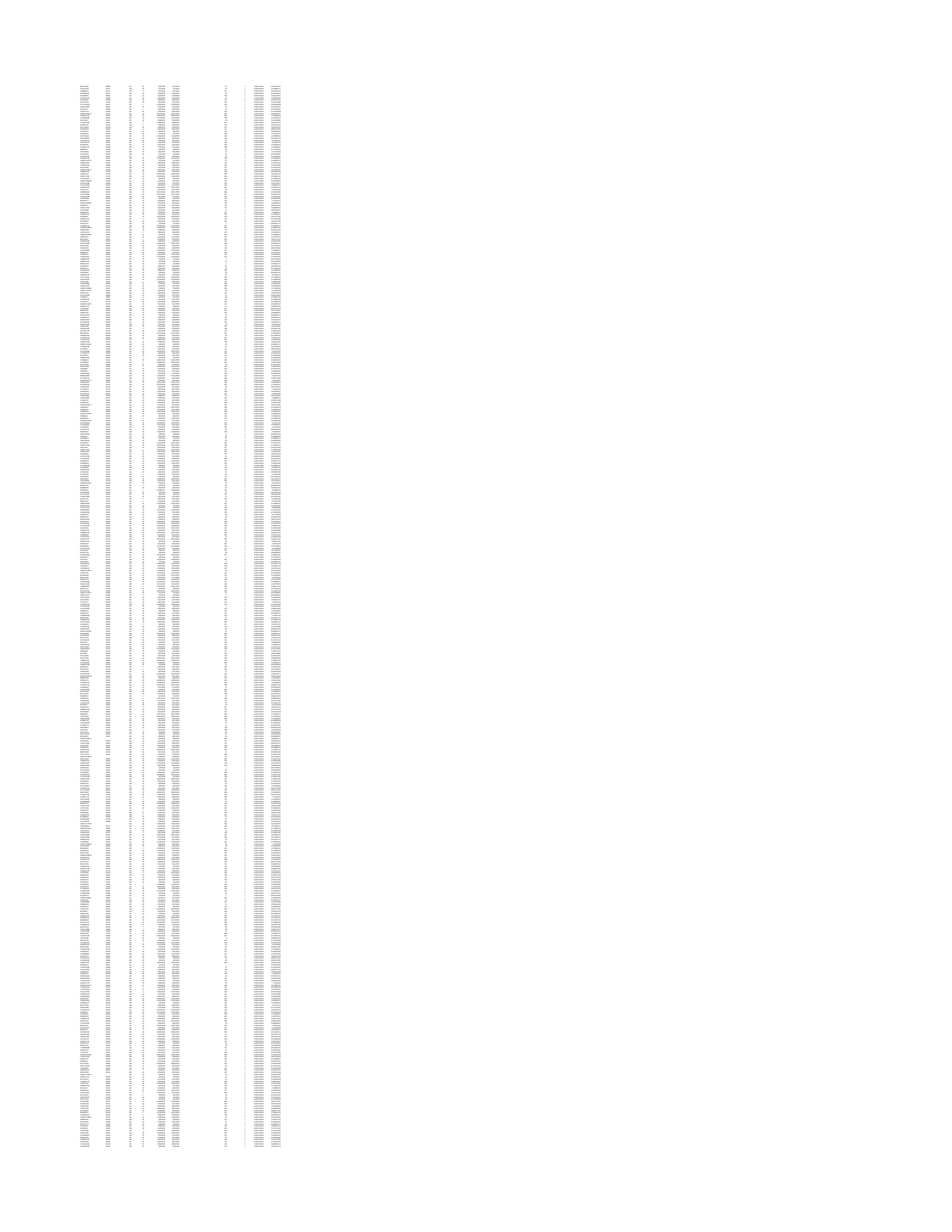

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1475313921	92570	AM	M	1/25/2022	1/25/2022	25	1	0.007256531	0.181413276
220074669	91040	AN	M	11/7/2022	11/7/2022	311	1	0.007256531	2.256781156
707522868	91367	AN	M	1/24/2022	1/24/2022	24	1	0.007256531	0.174156745
1476123563	90255	AM	M	9/7/2022	9/7/2022	250	1	0.007256531	1.814132762
118390698	92648	AM	M	8/25/2022	8/25/2022	237	1	0.007256531	1.719797859
298960063	92544	AM	M	10/14/2022	10/14/2022	287	1	0.007256531	2.082624411
1742076051	90034	AN	M	5/23/2022	5/23/2022	143	1	0.007256531	1.03768394
378493450	90703	AM	M	3/9/2022	3/9/2022	68	1	0.007256531	0.493444111
461518042	92336	AM	M	12/13/2022	12/13/2022	347	1	0.007256531	2.518016274
701849079	91350	AN	S	12/13/2022	12/13/2022	347	1	0.007256531	2.518016274
1224042509	92708	AN	M	2/24/2022	2/24/2022	55	1	0.007256531	0.399109208
360487109	91436	AN	M	10/16/2022	10/16/2022	289	1	0.007256531	2.097137473
458337804	92374	AM	M	3/2/2022	3/2/2022	61	1	0.007256531	0.442648394
379799056	92657	AM	M	8/8/2022	8/8/2022	220	1	0.007256531	1.596436831
1574536720	93535	AN	M	11/12/2022	11/12/2022	316	1	0.007256531	2.293063812
1819750020	90720	AN	M	7/22/2022	7/22/2022	203	1	0.007256531	1.473075803
834271381	91723	AN	M	6/7/2022	6/7/2022	158	1	0.007256531	1.146531906
1777788814	93312	AN	M	12/16/2022	12/16/2022	350	1	0.007256531	2.539785867
156588198	90638	AN	M	10/3/2022	10/3/2022	276	1	0.007256531	2.00280257
1127503977	91306	AN	M	1/27/2022	1/27/2022	27	1	0.007256531	0.195926338
1588192901	91706	AN	M	4/29/2022	4/29/2022	119	1	0.007256531	0.863527195
1394231826	92553	AM	M	6/18/2022	6/18/2022	169	1	0.007256531	1.226353747
531293748	91354	AN	M	7/15/2022	7/15/2022	196	1	0.007256531	1.422280086
68891270	91761	AM	M	2/16/2022	2/16/2022	47	1	0.007256531	0.341056959
205907774	90036	AN	M	2/9/2022	2/9/2022	40	1	0.007256531	0.290261242
100023100013	90250	AN	M	12/30/2022	12/30/2022	364	1	0.007256531	2.641377302
698794455	90248	AM	M	2/24/2022	2/24/2022	55	1	0.007256531	0.399109208
1315035765	91335	AN	M	6/15/2022	6/15/2022	166	1	0.007256531	1.204584154
291466952	91740	AN	M	5/12/2022	5/12/2022	132	1	0.007256531	0.957862099
100021441653	90005	AN	M	4/5/2022	4/5/2022	95	1	0.007256531	0.68937045
555679445	91325	AM	M	3/7/2022	3/7/2022	66	1	0.007256531	0.478931049
639879709	92591	AN	M	8/23/2022	8/23/2022	235	1	0.007256531	1.705284797
738933614	92673	AM	M	1/6/2022	1/6/2022	6	1	0.007256531	0.043539186
100022130853	92337	AN	M	7/14/2022	7/14/2022	195	1	0.007256531	1.415023555
1955200680	92270	AN	M	12/2/2022	12/2/2022	336	1	0.007256531	2.438194433
2062198436	92705	AN	S	3/11/2022	3/11/2022	70	1	0.007256531	0.507957173
1802156473	92405	AM	M	1/10/2022	1/10/2022	10	1	0.007256531	0.07256531
7875655	91746	AN	M	2/5/2022	2/5/2022	36	1	0.007256531	0.261235118
7911679	93117	AM	M	2/2/2021	5/2/2022	122	455	0.007256531	0.885296788
7914350	92880	AM	S	4/4/2022	4/4/2022	94	1	0.007256531	0.682113919
7981180	92240	AM	S	6/6/2022	6/6/2022	157	1	0.007256531	1.139275375
7982780	90806	AM	S	6/7/2022	6/7/2022	158	1	0.007256531	1.146531906
8094197	90802	AN	M	10/18/2022	10/19/2022	292	2	0.007256531	2.118907066
8128287	91745	AN	M	12/8/2022	12/13/2022	347	6	0.007256531	2.518016274
8099900	93224	AN	S	10/24/2022	10/24/2022	297	1	0.007256531	2.155189722

SoCalGas, June 15th, 2023

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

In Response to Data Request, R15-01-008 2023 June Report

Appendix 6; Rev. 03/30/2023

Notes:
At utilities request, fill out with two, three, or four categories that correspond to the bubble-size classificationm and label the type of leak, whether AG-Haz, or AG-Non-Haz
If highlighted cells are filled in, the other cells will auto-populate
The term "Non-leaker EF" aligns with CARB's definition for "No Bubble EF" for the event of finding a leak even though not through bubble testing

Summary of Data by Meters Survey Interval and Results for Annual System Leak Rate and Resulting Number of Unknown Leaks for Each Meter

Meter Classification (AG-Haz, AG-Non-Haz); Bubble Size Category	Total System Meters per survey Cycle	Meters on Annual Survey [$M_{X,A}$]	Meters on Multi-Year Survey Cycles [M_X^{Tot}]	Survey Interval (yrs) [I]	Meters Surveyed Annually from Multi-Year Survey Cycles [$M_{X,I}$]	Total # of Leaks Detected from Survey [$N_{X,L}$]	Annual Leak Rate [Leaks / Meter] $R_X = \frac{N_{X,L}}{M_{X,A} + (I \times M_{X,I})}$	# of Unknown Leaks $N_{X,unk} = \overline{R_X} \times (M_X^{Tot} - M_{X,I}) \times \frac{I}{2}$	Total # of Leaks Detected from O&M* [$N_{X,O}$]
Total Meters - AG Haz	6,130,137	3,636,153	2,493,984	5	498,797	152	0.00002	124	2,180
Total Meters - AG Non-Haz and Minor	6,130,137	3,636,153	2,493,984	5	498,797	7,129	0.00116	5,801	41,059
				5			-	-	
				1			-	-	
				3			-	-	
				5			-	-	
				1			-	-	
				3			-	-	
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				3			-	-	
				5			-	-	
				1			-	-	
				3			-	-	
				5			-	-	
Total	6,130,137	3,636,153	2,493,984	N/A	498,797	7,281		5,924	43,239

Estimated Emissions by Leak Code

Leakage Category Facility/Material	Emission Factor (Mscf/day/leak)	Emissions from Leaks Detected from Survey (Mscf)	Emissions from O&M* Leaks Detected (Mscf)	Estimated Emissions from Unknown Leaks (Mscf)	Total Estimated Emissions from Leaks (Mscf)
AG-Haz	0.25451	8,658	102,377	NA	111,035
AG-Non Haz	0.00726	11,444	54,627	NA	66,072
Unknown Leak EF	0.0187	NA	NA	40,372	40,372
Non-leaker EF (Non-detected Leaks)	0.00022	NA	NA	141,021	141,021
Total	N/A	20,102	157,004	181,392	358,499

Total Leaks Discovered in year of interest	
Haz	2,332
Non Haz and Minor	48,188

Non-Detected Emissions = [Nonleaker Emission Factor] * [Proportion of Non-Leaking MSA Samples with Emissions] * [Population of Non-Leaking MSAs] * [365 days leaking]

Unknown Leaks Emission Rate = ([AG Nonhazardous EF] * [% of AG Nonhazardous Leaks in Leak Inventory]) + ([AG Hazardous EF] * [% of AG Hazardous Leaks in Leak Inventory])

# of Unknown Leaks = [Leaks/meter] * [# of Unsurveyed meters] * [Survey Cycle]/2

Unknown Leaks Emission Inventory = [Unknown Leaks Emission Rate] * [# of Unknown Leaks] * [365 days leaking]

SoCalGas, June 15th, 2023

Rulemaking (R.) 15-01-008 to Adopt Rules and Procedures Governing Commission Regulated Natural Gas Pipelines and Facilities to Reduce Natural Gas Leaks Consistent with Senate Bill 1371, Leno.
In Response to Data Request, R15-01-008 2023 June Report
Appendix 6; Rev. 03/30/2023

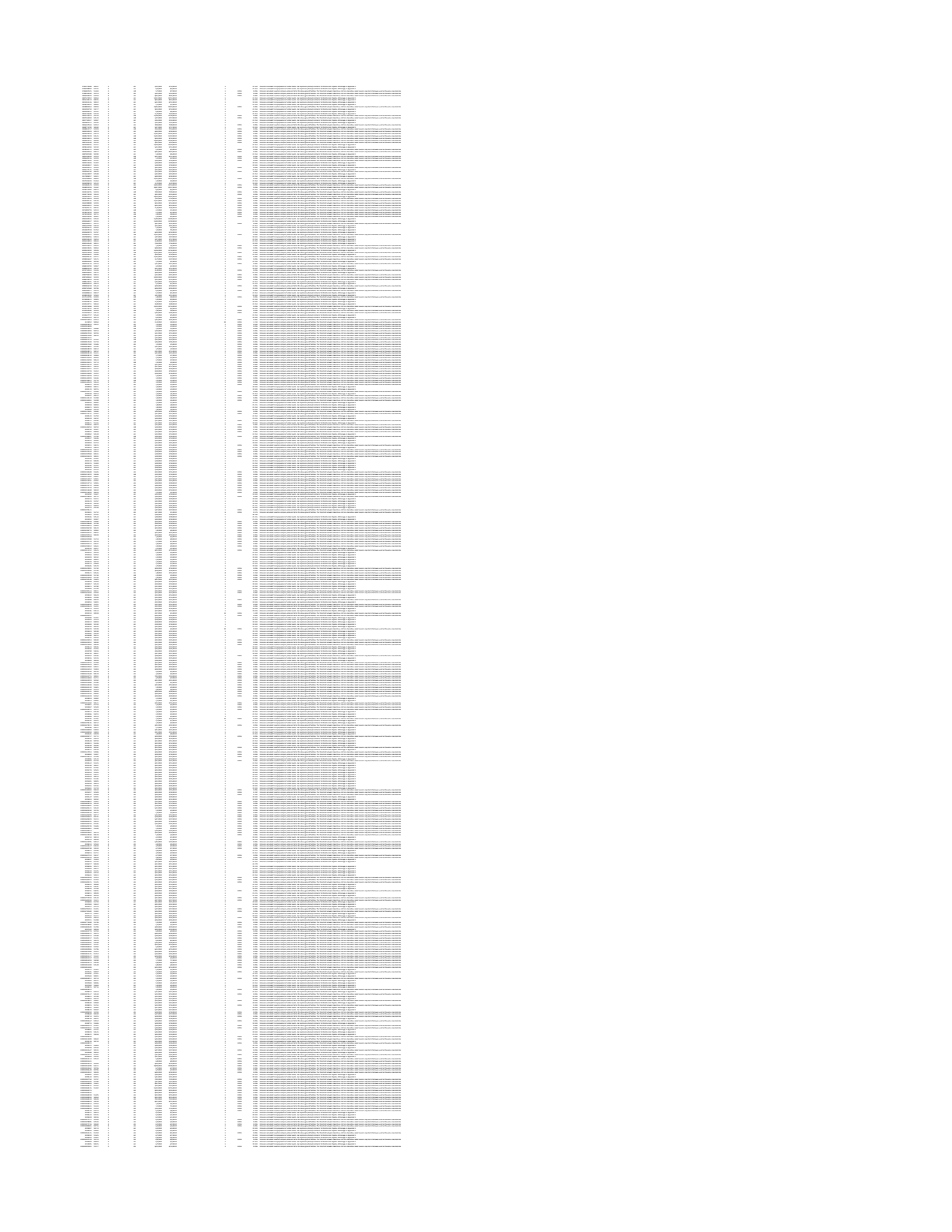
Notes:

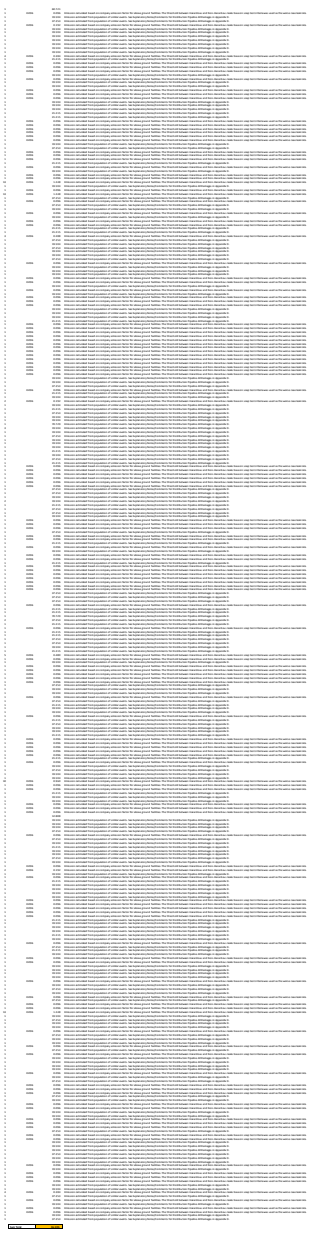
Use a formula-derived value with the formula used in the Annual Emissions column. Do not use a copy and paste-as-value.
At the end of Annual Emissions Column, add a summation total in a cell for a column total, and then highlight orange.

Response:

Damage to MSAs (Customer, third party, natural disasters, etc.):

ID	Geographic Location	Damage Type	Meter Type	Leak Classification (Grade)	Discovery Date (DD/MM/YY)	Leak Repair Date (MM/DD/YY)	If not repaired by 12/31/22 list the Scheduled Date of Repair (DD/MM/YY)	Reason for Not Scheduling a Repair	Number of Days Leaking	Engineering Estimate (Mcf/Day)	Annual Emissions (Mcf)	Explanatory Notes / Comments
5963792	90280	O		AM	11/23/2022	11/23/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
13879226	92337	N		AM	11/24/2022	11/24/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
14195132	92399	N		AM	11/17/2022	11/17/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
18846753	92555	N		AN	10/20/2022	10/20/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
20181097	92231	O		AM	7/5/2022	7/5/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
20216777	92411	O		AH	4/12/2022	4/12/2022			1		19.504	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
21979964	93535	O		AN	8/23/2022	8/23/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
28136726	92399	N		AM	5/23/2022	5/23/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
35380883	91601	O		AH	12/26/2022	12/26/2022			1		19.504	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
39230381	92701	O		AN	6/8/2022	6/8/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
43361320	91107	O		AN	11/29/2022	11/29/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
46245048	92399	N		AM	8/10/2022	8/10/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
46458254	92401	O		AH	7/18/2022	7/18/2022			1		37.353	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
54257521	90732	N		AM	3/15/2022	3/15/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
58306892	92359	N		AM	8/26/2022	8/26/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
60766719	92223	N		AN	9/27/2022	9/27/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
63394575	93274	O		AH	2/17/2022	2/17/2022			1		37.353	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
67828941	90061	O		AN	11/8/2022	11/8/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
69745228	91342	O		AH	11/14/2022	11/14/2022			1		37.353	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
77552809	93454	O		AN	10/3/2022	10/3/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
78453188	92843	O		AH	11/3/2022	11/3/2022			1		37.353	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
81814020	92399	N		AN	11/4/2022	11/4/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
82312345	90004	O		AN	1/2/2022	1/2/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
83465744	90063	O		AH	5/7/2022	5/7/2022			1		37.353	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
83971177	91801	O		AH	7/7/2022	7/7/2022			1		37.353	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
86214027	90717	O		AH	1/15/2022	1/15/2022			1		19.504	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
86443855	90011	O		AM	2/20/2022	2/20/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
87949045	92399	N		AN	9/22/2022	9/22/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
98196189	91710	O		AH	3/21/2022	3/21/2022			1		37.353	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
99929838	92346	O		AH	1/22/2022	1/22/2022			1		37.353	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
105822516	92627	O		AN	11/8/2022	11/8/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
107090986	92260	N		AM	5/11/2022	5/11/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
114204380	91405	O		AH	7/23/2022	7/23/2022			1		37.353	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
115022674	90630	O		AH	2/8/2022	2/8/2022			1		37.353	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
115068347	90044	O		AH	12/7/2022	12/7/2022			1		37.353	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
116312244	92808	O		AH	3/2/2022	3/2/2022			1		37.353	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
120152574	92595	O		AH	9/3/2022	9/3/2022			1		37.353	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
124319847	90001	O		AN	12/27/2022	12/27/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
126725735	92805	O		AN	1/4/2022	1/4/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
129692827	92840	O		AM	1/2/2022	1/2/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
136904026	93308	O		AH	2/13/2022	2/13/2022			1		37.353	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
143140490	92563	N		AN	9/13/2022	9/13/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
148038746	92324	O		AN	11/1/2022	11/1/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
148862012	92555	O		AM	9/18/2022	9/18/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
158845325	92841	O		AH	6/30/2022	6/30/2022			1		37.353	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
162724139	91746	O		AH	1/22/2022	1/22/2022			1		19.504	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
164635439	92374	N		AN	11/15/2022	11/15/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
164677684	91770	O		AM	11/18/2022	11/18/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
170345733	90043	O		AH	12/8/2022	12/8/2022			1		37.353	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
170730372	92324	O		AN	12/25/2022	12/25/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
182583810	91750	O		AN	2/18/2022	2/18/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
186439679	92411	O		AH	7/5/2022	7/5/2022			1		37.353	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
194893035	93405	O		AH	2/23/2022	2/23/2022			1		19.504	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
196659391	92841	N		AN	1/13/2022	1/13/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
202089850	92399	N		AN	12/14/2022	12/14/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
205106300	92399	N		AN	12/22/2022	12/22/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
206017499	91776	O		AN	1/16/2022	1/16/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
210706055	91351	O		AH	3/25/2022	3/25/2022			1		19.504	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
222313761	92321	O		AN	10/20/2022	10/20/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
229286007	90028	O		AH	7/19/2022	7/19/2022			1		19.504	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
230469371	90703	O		AH	6/19/2022	6/19/2022			1		19.504	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
238162157	92544	O		AN	11/8/2022	11/8/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
238984184	90302	N		AN	9/22/2022	9/22/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
239161988	92231	O		AM	7/11/2022	7/11/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
240953889	93618	N		AN	10/5/2022	10/5/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
250440399	92399	N		AM	10/14/2022	10/14/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
250492120	90021	O		AH	2/17/2022	2/17/2022			1		19.504	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
252943960	93631	O		AH	5/16/2022	5/16/2022			1		37.353	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
253158768	92270	O		AH	5/4/2022	5/4/2022			1		37.353	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
254099436	92374	N		AM	1/25/2022	1/25/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
255423449	92399	N		AN	12/2/2022	12/2/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
256136663	92508	O		AN	7/27/2022	7/27/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
272564190	92647	O		AH	6/29/2022	6/29/2022			1		19.504	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
281272836	93442	O		AN	9/2/2022	9/2/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
281541022	91343	O		AH	5/11/2022	5/11/2022			1		19.504	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
282486489	93212	O		AH	6/8/2022	6/8/2022			1		19.504	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
282825715	92399	N		AM	11/14/2022	11/14/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
284351795	91304	O		AN	12/24/2022	12/24/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
284502942	90221	N		AN	11/8/2022	11/8/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
287545449	92399	N		AN	12/20/2022	12/20/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
287728464	92399	N		AN	9/6/2022	9/6/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
293759013	92374	O		AH	10/20/2022	10/20/2022			1		37.353	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
298421674	92203	N		AN	10/28/2022	10/28/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
299564288	91331	O		AM	2/14/2022	2/14/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
309203396	92584	O		AH	5/28/2022	5/28/2022			1		37.353	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
309928492	90249	O		AM	1/27/2022	1/27/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
310325826	91364	O		AM	9/27/2022	9/27/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
313469776	92596	N		AN	11/4/2022	11/4/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
315997808	92543	N		AN	3/14/2022	3/14/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
316029977	90043	O		AH	8/2/2022	8/2/2022			1		37.353	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
323932917	90280	O		AH	11/10/2022	11/10/2022			1		37.353	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
324550306	92557	O		AM	9/23/2022	9/23/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
327931433	93536	O		AH	6/3/2022	6/3/2022			1		37.353	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
333913350	93454	O		AN	10/3/2022	10/3/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
334907718	92629	N		AH	8/9/2022	8/9/2022			1		19.504	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
337512048	92703	O		AN	4/28/2022	4/28/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
343845439	91732	O		AH	2/10/2022	2/10/2022			1		19.504	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
343887618	92399	N		AM	9/22/2022	9/22/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
344958238	90660	O		AN	12/6/2022	12/6/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
345967605	91730	O		AM	9/13/2022	9/13/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
350786863	90601	O		AH	10/9/2022	10/9/2022			1		37.353	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
351736265	90031	O		AH	6/28/2022	6/28/2022			1		19.504	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
353868728	92346	O		AH	6/13/2022	6/13/2022			1		37.353	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
358479984	92320	N		AM	9/26/2022	9/26/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
359122870	90046	O		AH	11/11/2022	11/11/2022			1		19.504	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
359798381	92860	O		AH	12/20/2022	12/20/2022			1		19.504	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
361809359	90038	O		AH	7/19/2022	7/19/2022			1		19.504	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
365603276	92223	N		AM	2/1/2022	2/1/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
370674062	92359	N		AN	3/24/2022	3/24/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
371278797	90064	O		AH	5/4/2022	5/4/2022			1		37.353	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
373242519	92701	O		AN	8/20/2022	8/20/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
378431352	92865	O		AH	11/20/2022	11/20/2022			1		37.353	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
379388416	92532	O		AH	1/17/2022	1/17/2022			1		37.353	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
381344748	92544	O		AN	3/10/2022	3/10/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
387181707	92627	O		AH	12/21/2022	12/21/2022			1		37.353	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
388245945	92359	N		AM	8/12/2022	8/12/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
390323124	90061	O		AM	5/11/2022	5/11/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
391495457	92223	N		AM	6/23/2022	6/23/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
399228612	90280	O		AH	11/10/2022	11/10/2022			1		37.353	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
400377885	93536	O		AM	1/7/2022	1/7/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
406036186	90706	O		AH	11/10/2022	11/10/2022			1		37.353	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
406133771	92647	N		AH	11/10/2022	11/10/2022			1		37.353	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
417510535	92411	N		AH	11/9/2022	11/9/2022			1		37.353	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
426338842	90222	O		AN	6/30/2022	6/30/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
429376345	93535	O		AN	10/8/2022	10/8/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
431436354	90016	O		AN	3/19/2022	3/19/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
438345874	92701	O		AH	3/18/2022	3/18/2022			1		19.504	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
442235633	92704	O		AN	11/23/2022	11/23/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
443316753	92399	N		AN	4/5/2022	4/5/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
446025894	92675	N		AM	11/9/2022	11/9/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
449885317	90701	O		AH	1/11/2022	1/11/2022			1		19.504	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
455382793	93286	O		AN	7/23/2022	7/23/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
458983542	91304	O		AN	12/24/2022	12/24/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
460934699	93247	O		AH	6/29/2022	6/29/2022			1		37.353	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
468105790	92882	O		AH	9/19/2022	9/19/2022			1		19.504	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
471185693	92399	N		AN	11/30/2022	11/30/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
472346167	90660	O		AN	6/1/2022	6/1/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
472694964	92223	N		AN	10/31/2022	10/31/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
489778518	92335	O		AH	5/2/2022	5/2/2022			1		19.504	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
494165508	92399	N		AM	9/26/2022	9/26/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
494957368	90062	O		AH	1/15/2022	1/15/2022			1		37.353	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
496184425	92374	O		AH	1/28/2022	1/28/2022			1		37.353	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
497816249	93203	N		AN	9/13/2022	9/13/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
499003781	90004	O		AN	1/3/2022	1/3/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
500601300	92399	N		AN	3/10/2022	3/10/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
509534745	92411	O		AH	11/23/2022	11/23/2022			1		37.353	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
513093006	92374	N		AM	3/17/2022	3/17/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
513894328	92703	O		AN	1/9/2022	1/9/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
515544778	92240	O		AN	6/13/2022	6/13/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
525862245	92399	N		AM	2/24/2022	2/24/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
531048539	92236	O		AM	8/14/2022	8/14/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
532758416	93230	O		AH	10/23/2022	10/23/2022			1		37.353	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
535520868	92240	N		AN	4/20/2022	4/20/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
535768882	92220	O		AN	3/7/2022	3/7/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
541517084	90015	O		AH	2/19/2022	2/19/2022			1		37.353	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
544931499	92780	O		AH	2/15/2022	2/15/2022			1		37.353	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
546894848	92399	N		AN	9/27/2022	9/27/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
548975369	91766	O		AN	1/7/2022	1/7/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
554550072	92399	N		AM	9/30/2022	9/30/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
555089257	90701	O		AH	1/11/2022	1/11/2022			1		19.504	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
557122175	92648	O		AH	2/10/2022	2/10/2022			1		37.353	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
568719953	90041	O		AH	4/6/2022	4/6/2022			1		37.353	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
569215113	92335	O		AH	11/30/2022	11/30/2022			1		37.353	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
575350294	91303	O		AM	5/27/2022	5/27/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
586584381	92570	O		AM	10/9/2022	10/9/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
590152708	90042	O		AM	1/5/2022	1/5/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
601629783	90011	O		AN	12/19/2022	12/19/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
602388286	90028	O		AH	9/18/2022	9/18/2022			1		37.353	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
604443605	92324	O		AM	5/3/2022	5/3/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
606905139	92532	N		AN	11/7/2022	11/7/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
615895752	90670	O		AH	5/20/2022	5/20/2022			1		37.353	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
624489733	90003	O		AN	11/6/2022	11/6/2022			1	0.096	0.096	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
631470136	91352	O		AH	7/6/2022	7/6/2022			1		37.353	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
637470584	93455	O		AN	9/11/2022	9/11/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
638649331	92223	N		AM	10/7/2022	10/7/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
640298419	90016	O		AH	11/12/2022	11/12/2022			1		37.353	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
640630723	90270	O		AN	6/9/2022	6/9/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
641734410	91754	O		AM	10/12/2022	10/12/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
642952633	92377	O		AN	11/16/2022	11/16/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
644554490	92802	O		AN	12/3/2022	12/3/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
645452753	90025	O		AH	8/1/2022	8/1/2022			1		37.353	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
648244816	90744	O		AH	5/4/2022	5/4/2022			1		37.353	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
648811091	92410	O		AH	3/16/2022	3/16/2022			1		37.353	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
651513831	92683	O		AH	1/16/2022	1/16/2022			1		37.353	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
652420679	91030	N		AH	3/28/2022	3/28/2022			1		37.353	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
652987465	92399	N		AN	12/14/2022	12/14/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
659328890	91706	O		AH	2/22/2022	2/22/2022			1		37.353	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
663075443	92399	N		AN	11/7/2022	11/7/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
668209002	92374	N		AM	3/25/2022	3/25/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
672359117	90291	O		AH	10/3/2022	10/3/2022			1		37.353	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
673082759	90220	O		AN	7/5/2022	7/5/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
685632901	92399	N		AN	12/20/2022	12/20/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
693404835	92374	N		AM	7/18/2022	7/18/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
700651705	92582	O		AH	11/27/2022	11/27/2022			1		37.353	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
701655737	92701	O		AH	11/8/2022	11/8/2022			1		37.353	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
702055649	92324	O		AH	5/3/2022	5/3/2022			1		37.353	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
704555276	92399	N		AN	9/20/2022	9/20/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
710013067	92223	N		AN	3/8/2022	3/8/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
710411245	91739	O		AM	9/27/2022	9/27/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
710615489	93656	O		AM	1/18/2022	1/18/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
712757388	93654	N		AH	12/8/2022	12/8/2022			1		37.353	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
713893549	90731	O		AH	6/28/2022	6/28/2022			1		19.504	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
721106110	90059	O		AH	9/25/2022	9/25/2022			1		37.353	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
723447247	93030	O		AH	4/7/2022	4/7/2022			1		37.353	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
726556944	93311	N		AM	7/12/2022	7/12/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
728237241	90004	O		AN	1/2/2022	1/2/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
730180969	93591	O		AH	3/24/2022	3/24/2022			1		37.353	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
731176747	90046	O		AN	6/21/2022	6/21/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
732722511	92399	N		AN	11/1/2022	11/1/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
734234043	90028	O		AH	4/21/2022	4/21/2022			1		37.353	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
736569914	90740	N		AN	5/24/2022	5/24/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
747265730	92505	O		AN	8/10/2022	8/10/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
748687814	93277	O		AN	7/15/2022	7/15/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
749000210	92703	O		AH	4/7/2022	4/7/2022			1		37.353	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
749060484	91304	O		AN	12/24/2022	12/24/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
780824640	92260	O		AN	11/1/2022	11/1/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
782290183	92376	O		AH	4/2/2022	4/2/2022			1		37.353	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
796545961	92586	N		AN	9/27/2022	9/27/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
801667378	92399	N		AN	8/9/2022	8/9/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
803015778	92335	O		AH	11/30/2022	11/30/2022			1		37.353	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
804508648	90077	O		AH	9/3/2022	9/3/2022			1		37.353	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
810866786	93241	N		AN	8/2/2022	8/2/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
813433521	92683	O		AH	6/6/2022	6/6/2022			1		37.353	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
813570266	93230	N		AH	4/26/2022	4/26/2022			1		19.504	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
815872506	92316	O		AN	9/7/2022	9/7/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
818742181	92335	O		AH	3/1/2022	3/1/2022			1		37.353	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
821041789	92399	N		AN	11/29/2022	11/29/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
821987741	91206	O		AH	7/25/2022	7/25/2022			1		37.353	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
822539543	92571	O		AN	6/2/2022	6/2/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
826885207	93535	O		AH	4/13/2022	4/13/2022			1		37.353	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
842112183	92647	O		AN	4/12/2022	4/12/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
845397580	91016	O		AH	10/14/2022	10/14/2022			1		37.353	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
849181526	92399	N		AN	11/17/2022	11/17/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
858402671	90026	O		AM	6/29/2022	6/29/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
859996371	92346	O		AH	12/20/2022	12/20/2022			1		37.353	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
867907651	92399	N		AM	3/24/2022	3/24/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
871379895	92399	N		AM	10/10/2022	10/10/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
872225213	90241	O		AH	5/15/2022	5/15/2022			1		19.504	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
874708162	92801	O		AN	8/1/2022	8/1/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
882109066	92882	O		AN	3/22/2022	3/22/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
882439601	93277	O		AH	7/5/2022	7/5/2022			1		19.504	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
886444424	92880	O		AM	2/25/2022	2/25/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
886470832	91732	O		AH	4/23/2022	4/23/2022			1		37.353	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
886775363	92399	N		AN	2/28/2022	2/28/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
889451980	90065	O		AH	8/22/2022	8/22/2022			1		37.353	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
890830360	92373	N		AN	3/17/2022	3/17/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
894707469	90011	O		AH	11/11/2022	11/11/2022			1		37.353	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
921710714	92411	O		AN	9/19/2022	9/19/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
923426469	90732	N		AH	2/22/2022	2/22/2022			1		19.504	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
924105019	90002	O		AN	11/8/2022	11/8/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
928424877	92627	O		AH	1/10/2022	1/10/2022			1		19.504	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
932763022	92203	N		AM	10/28/2022	10/28/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
933345481	92870	O		AH	11/24/2022	11/24/2022			1		19.504	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
933407936	92374	N		AM	5/24/2022	5/24/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
937405561	93543	O		AH	1/22/2022	1/22/2022			1		37.353	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
939590551	90025	O		AH	5/22/2022	5/22/2022			1		19.504	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
941960600	92701	O		AH	7/25/2022	7/25/2022			1		37.353	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
954984260	92336	N		AM	2/10/2022	2/10/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
955644470	92583	N		AN	3/28/2022	3/28/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
959985789	92879	O		AH	10/3/2022	10/3/2022			1		37.353	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
961543815	93230	O		AN	3/3/2022	3/3/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
963504370	90021	O		AN	12/5/2022	12/5/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
970697453	92584	O		AN	1/19/2022	1/19/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
974670082	90004	O		AN	1/2/2022	1/2/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
974823883	90201	N		AH	8/24/2022	8/24/2022			1		37.353	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
977854274	92627	O		AH	8/17/2022	8/17/2022			1		19.504	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
980181364	93292	O		AH	4/18/2022	4/18/2022			1		37.353	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
987260140	90011	O		AH	2/28/2022	2/28/2022			1		37.353	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
997216353	92399	N		AM	5/2/2022	5/2/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
998919178	92399	N		AM	11/21/2022	11/21/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
1002463880	92399	N		AM	8/18/2022	8/18/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
1003705443	91311	O		AH	2/28/2022	2/28/2022			1		37.353	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1007705056	90041	O		AH	5/26/2022	5/26/2022			1		37.353	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1012574661	93215	O		AN	11/19/2022	11/19/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
1033345721	92399	N		AM	9/26/2022	9/26/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
1036529220	92704	O		AH	6/22/2022	6/22/2022			1		19.504	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1037556090	93422	O		AH	2/15/2022	2/15/2022			1		19.504	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1044343905	92201	O		AM	3/23/2022	3/23/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
1051841390	90744	O		AN	5/3/2022	5/3/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
1055759361	93433	O		AH	8/11/2022	8/11/2022			1		37.353	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1060286505	92399	N		AN	2/28/2022	2/28/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
1062521988	92399	N		AM	1/20/2022	1/20/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
1067171182	92603	O		AN	11/15/2022	11/15/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
1069236780	91024	N		AM	5/27/2022	5/27/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
1071782124	93534	O		AH	6/18/2022	6/18/2022			1		19.504	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1079974580	92808	O		AH	5/21/2022	5/21/2022			1		37.353	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1081524387	92801	O		AN	9/19/2022	9/19/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
1083485064	91764	O		AH	7/19/2022	7/19/2022			1		19.504	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1084174299	93277	O		AH	5/10/2022	5/10/2022			1		37.353	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1088534368	90004	O		AN	1/2/2022	1/2/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
1093266218	90605	O		AH	1/8/2022	1/8/2022			1		19.504	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1096300873	91103	O		AN	8/16/2022	8/16/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
1102185005	92399	N		AN	11/21/2022	11/21/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
1113802292	92374	O		AH	1/28/2022	1/28/2022			1		37.353	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1115216098	92346	O		AH	3/23/2022	3/23/2022			1		37.353	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1115907045	92399	N		AN	8/18/2022	8/18/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
1121636206	93292	O		AN	11/24/2022	11/24/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
1128541855	90063	O		AH	5/6/2022	5/6/2022			1		37.353	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1135988853	92399	N		AN	8/18/2022	8/18/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
1136552277	93108	O		AH	9/19/2022	9/19/2022			1		19.504	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1138138261	92703	O		AH	5/31/2022	5/31/2022			1		19.504	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1141481587	90745	O		AH	2/7/2022	2/7/2022			1		37.353	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1147979139	92399	N		AM	8/26/2022	8/26/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
1148566005	92548	N		AN	12/7/2022	12/7/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
1159079674	92377	O		AN	2/15/2022	2/15/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
1169424401	92374	N		AN	11/28/2022	11/28/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
1169936417	90501	O		AH	3/13/2022	3/13/2022			1		19.504	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1172326904	91776	O		AM	7/27/2022	7/27/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
1173318452	93312	O		AN	9/13/2022	9/13/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
1179145774	90003	N		AN	12/22/2022	12/22/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
1185768414	92411	O		AH	7/1/2022	7/1/2022			1		19.504	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1190325487	92407	O		AH	9/12/2022	9/12/2022			1		37.353	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1192388360	92703	O		AH	5/31/2022	5/31/2022			1		19.504	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1200205884	92882	O		AH	9/17/2022	9/17/2022			1		37.353	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1202848009	92865	O		AH	10/16/2022	10/16/2022			1		19.504	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1205912761	92411	O		AH	7/1/2022	7/1/2022			1		19.504	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1213497116	90402	O		AN	2/4/2022	2/4/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
1213517389	90745	O		AH	12/9/2022	12/9/2022			1		37.353	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1216580140	92359	N		AM	8/25/2022	8/25/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
1219077685	90036	O		AH	5/2/2022	5/2/2022			1		37.353	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1224263030	92376	O		AH	9/23/2022	9/23/2022			1		19.504	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1227871567	90011	O		AN	8/22/2022	8/22/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
1228323940	92399	N		AN	12/20/2022	12/20/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
1231527100	92399	O		AM	2/8/2022	2/8/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
1231578719	91104	O		AH	9/16/2022	9/16/2022			1		37.353	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1232171699	92596	O		AH	3/15/2022	3/15/2022			1		37.353	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1232776838	92870	N		AH	1/22/2022	1/22/2022			1		37.353	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1248985845	92399	N		AM	12/13/2022	12/13/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
1249595348	92324	O		AH	11/12/2022	11/12/2022			1		37.353	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1250366544	92399	N		AM	8/16/2022	8/16/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
1251146393	91384	O		AM	2/2/2022	2/2/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
1259200813	90280	N		AH	7/21/2022	7/21/2022			1		19.504	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1261165316	92336	O		AH	4/21/2022	4/21/2022			1		37.353	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1264848823	92882	O		AN	12/30/2022	12/30/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
1265309126	90046	O		AH	2/24/2022	2/24/2022			1		19.504	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1269091205	92223	N		AM	1/11/2022	1/11/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
1281901350	92223	N		AM	3/1/2022	3/1/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
1283249977	92399	N		AN	6/1/2022	6/1/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
1285286039	92867	O		AH	10/21/2022	10/21/2022			1		19.504	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1289090349	92703	O		AH	3/1/2022	3/1/2022			1		19.504	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1303885706	92399	N		AN	3/2/2022	3/2/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
1305240967	91767	O		AN	1/19/2022	1/19/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
1309025219	92399	N		AM	12/19/2022	12/19/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
1310218137	92543	N		AN	3/14/2022	3/14/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
1314085123	91351	O		AN	2/2/2022	2/2/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
1317190399	92571	O		AN	1/10/2022	1/10/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
1325446429	92373	O		AN	3/18/2022	3/18/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
1332945462	93535	O		AN	7/15/2022	7/15/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
1333299202	92336	O		AN	11/15/2022	11/15/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
1336692618	92675	O		AM	11/9/2022	11/9/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
1339890641	93436	O		AH	4/28/2022	4/28/2022			1		37.353	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1342578484	92399	N		AN	11/4/2022	11/4/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
1347161986	90065	O		AM	8/17/2022	8/17/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
1347281280	92359	N		AM	5/26/2022	5/26/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
1352822534	92260	N		AM	5/11/2022	5/11/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
1355334259	90291	O		AH	12/28/2022	12/28/2022			1		37.353	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1360211821	93543	O		AH	4/9/2022	4/9/2022			1		37.353	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1363449425	92399	N		AN	12/19/2022	12/19/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
1364738442	90005	O		AN	8/23/2022	8/23/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
1373539098	91107	O		AM	6/23/2022	6/23/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
1374238562	93458	O		AM	11/12/2022	11/12/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
1376308724	92675	O		AH	2/5/2022	2/5/2022			1		37.353	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1376611180	92320	N		AM	5/6/2022	5/6/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
1377226884	93311	N		AM	2/22/2022	2/22/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
1383246956	92399	N		AM	11/7/2022	11/7/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
1388227557	92223	O		AN	4/30/2022	4/30/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
1392174296	92320	N		AM	11/4/2022	11/4/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
1396369389	92706	O		AH	4/18/2022	4/18/2022			1		37.353	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1399774209	90260	O		AN	12/30/2022	12/30/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
1407544036	91732	O		AN	10/29/2022	10/29/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
1418626717	92376	O		AN	8/17/2022	8/17/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
1425494499	91605	O		AN	1/25/2022	1/25/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
1431537850	92804	O		AH	2/6/2022	2/6/2022			1		37.353	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1434416946	90045	O		AH	7/23/2022	7/23/2022			1		19.504	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1445851756	93004	O		AH	3/6/2022	3/6/2022			1		37.353	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1451623158	93536	O		AH	7/31/2022	7/31/2022			1		37.353	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1459589528	93662	O		AH	3/21/2022	3/21/2022			1		19.504	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1462596366	92201	O		AM	10/2/2022	10/2/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
1466331021	93534	O		AH	6/5/2022	6/5/2022			1		37.353	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1470864639	91766	O		AH	2/10/2022	2/10/2022			1		37.353	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1471049913	92399	N		AM	3/16/2022	3/16/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
1471414311	92544	N		AN	2/3/2022	2/3/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
1473689834	90250	O		AH	2/3/2022	2/3/2022			1		37.353	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1476468390	90292	O		AN	11/10/2022	11/10/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
1480869793	92201	O		AM	10/2/2022	10/2/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
1498717908	93001	O		AH	5/5/2022	5/5/2022			1		37.353	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1504396091	92399	N		AM	10/12/2022	10/12/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
1511360503	90028	O		AN	5/23/2022	5/23/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
1512544872	91011	O		AH	1/20/2022	1/20/2022			1		37.353	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1519223526	92374	O		AH	1/28/2022	1/28/2022			1		37.353	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1519472148	90255	O		AH	8/31/2022	8/31/2022			1		37.353	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1519783017	92337	O		AN	12/30/2022	12/30/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
1524441768	90037	O		AH	8/3/2022	8/3/2022			1		37.353	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1531096949	92407	O		AH	9/11/2022	9/11/2022			1		37.353	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1541437343	93041	O		AN	1/13/2022	1/13/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
1550481089	92887	O		AM	5/20/2022	5/20/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
1552256987	90230	O		AM	11/23/2022	11/23/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
1552380101	90062	O		AM	11/12/2022	11/12/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
1558723531	92551	N		AN	6/13/2022	6/13/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
1561705245	90303	O		AM	4/5/2022	4/5/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
1566241109	93561	O		AN	7/2/2022	7/2/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
1567678527	91731	O		AH	4/6/2022	4/6/2022			1		19.504	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1570323974	92399	N		AM	11/28/2022	11/28/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
1573741595	93561	O		AH	2/10/2022	2/10/2022			1		37.353	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1578260054	90605	O		AH	7/17/2022	7/17/2022			1		19.504	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1581965295	93245	O		AN	4/16/2022	4/16/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
1582798241	92399	N		AM	4/5/2022	4/5/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
1583884739	92530	O		AH	11/17/2022	11/17/2022			1		37.353	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1587267515	92509	O		AN	6/22/2022	6/22/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
1595090514	92407	O		AN	7/16/2022	7/16/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
1600141333	92399	N		AN	12/20/2022	12/20/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
1601018580	92879	O		AH	10/3/2022	10/3/2022			1		37.353	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1601642143	92596	N		AN	11/9/2022	11/9/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
1613052863	90201	O		AN	4/6/2022	4/6/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
1616206990	92399	N		AN	10/21/2022	10/21/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
1630836129	92373	N		AM	10/6/2022	10/6/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
1635461356	92399	N		AN	11/21/2022	11/21/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
1636254552	92841	N		AN	1/13/2022	1/13/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
1638371151	90063	N		AN	10/29/2022	10/29/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
1638753329	92230	N		AN	12/18/2022	12/18/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
1640672742	90221	N		AM	12/15/2022	12/15/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
1643800997	90250	O		AM	3/29/2022	3/29/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
1647818043	92880	O		AM	3/8/2022	3/8/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
1650124777	92703	O		AH	4/28/2022	4/28/2022			1		19.504	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1655679078	92530	O		AH	5/29/2022	5/29/2022			1		37.353	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1660577728	92374	N		AN	3/31/2022	3/31/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
1661438561	91343	O		AN	2/12/2022	2/12/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
1662884206	92256	O		AH	6/28/2022	6/28/2022			1		37.353	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1665012085	91746	O		AH	2/19/2022	2/19/2022			1		19.504	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1672879325	93312	O		AH	8/6/2022	8/6/2022			1		37.353	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1675691578	92675	O		AH	2/5/2022	2/5/2022			1		37.353	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1676786107	90002	O		AN	2/5/2022	2/5/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
1681357804	92399	N		AM	2/1/2022	2/1/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
1685042642	90501	O		AM	8/11/2022	8/11/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
1687129237	92882	O		AH	5/2/2022	5/2/2022			1		19.504	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1695875787	91784	N		AM	1/22/2022	1/22/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
1699859357	90706	O		AH	11/10/2022	11/10/2022			1		37.353	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1703621212	92804	O		AN	11/25/2022	11/25/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
1706841358	92399	N		AM	9/26/2022	9/26/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
1709024733	93465	N		AM	12/18/2022	12/18/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
1709246390	90604	O		AN	11/4/2022	11/4/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
1711572796	90274	O		AN	3/9/2022	3/9/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
1718583790	90255	O		AN	5/26/2022	5/26/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
1729529588	92509	O		AN	3/16/2022	3/16/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
1738753302	90006	O		AN	10/28/2022	10/28/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
1752444522	92399	N		AN	9/23/2022	9/23/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
1755605702	92881	O		AN	6/16/2022	6/16/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
1762116200	93308	O		AH	9/26/2022	9/26/2022			1		37.353	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1763239916	92399	N		AM	10/12/2022	10/12/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
1765688490	90003	O		AH	5/21/2022	5/21/2022			1		37.353	Emission estimated from population of similar events. See Explanatory Notes/Comments for Distribution Pipeline All Damages in Appendix 9.
1776359376	93551	N		AM	3/12/2022	3/12/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
1780595625	92410	O		AN	8/10/2022	8/10/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
1780740456	92324	O		AM	5/22/2022	5/22/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
1783195646	90291	O		AN	7/25/2022	7/25/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.
1784936520	91710	N		AN	1/7/2022	1/7/2022			1	0.096	0.096	Emission calculated based on company emission factor for above ground facilities. The threshold between Hazardous and Non-Hazardous leaks base on soap test criteria was used as the worse case leak rate.





SoCalGas, June 15th, 2023

Rulemaking (R.) 15-01-008 to Adopt Rules and Procedures Governing Commission Regulated Natural Gas Pipelines and Facilities to Reduce Natural Gas Leaks Consistent with Senate Bill 1371, Leno.
In Response to Data Request, R15-01-008 2023 June Report
Appendix 6; Rev. 03/30/2023

Notes:

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

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

Include items like the following in this tab (Note whether emissions are included in the MSA EF used to estimate emissions for the MSA population and show only the event count.):

Gas vented during all Regulator Change outs due to other than vent leakage.
Large Customer MSA Regulator Inspection - External Regulator Inspections. List avg. amount vented.
Large Customer MSA Regulator Inspection - Regulator change out & Internal Reg Inspection. List avg. amount vented.
Diaphragm - CSF Read & Verify - List amounted vented thru meter during read & verify order for decreased usage.
Diaphragm - CSF Clock Test - List amount vented during Clock Test
Diaphragm - CSF Registration Check - List amount ventedn during Registration Checks
Diaphragm Size 1,2,3 Meter Change Out - List avg. gas vented on Size 1 Meter Change Out
All Meter Change Out Size 4 thru 28 - List avg. gas vented for Size 5 to 10 Meter Change outs
Field Meter Test of Diaphragm & Rotary - List avg. gas vented for Size 9 Meters
Customer Orifice Meter Plate Insp. - Orifice Plate Inspected Monthly. List avg. amount vented

Response:

Customer Meter Blowdowns:

Number of Blowdowns	Meter Type	Emission Factor (Mscf/yr)	Annual Emissions (Mscf)	Explanatory Notes / Comments
1	CI	NA	557.84	Blowdown for maintenance at industrial customer site
1	CI	NA	9.39	Blowdown for MSA upgrade at industrial customer site
1	CI	NA	7.98	Blowdown for MSA upgrade at industrial customer site
7,236	CI	0.005	36.18	All Meter Change Out Size 4 thru 28 - Use avg. gas vented of 5 scf for Size 5 to 10 Meter Change outs
4	CI	0.002	0.01	Customer Pneumatic Device Annual Inspection in SAP maintained by Distribution - Estimated avg. gas vented = 2 scf/insp.
26,715	CI/R	0.001	26.72	Customer Service Regulator - Gas vented during all Regulator Change-outs. Estimated avg. gas vented = 1 scf/change-out.
244,734	CI/R	0.001	152.96	Diaphragm - CSF Registration Check - Vent 0.625 scf/inspection during Clock Test ,Drop Test or Low flow Test
22,427	CI/R	0.020	448.54	Diaphragm - Read & Verify Order Conducted at 50% of Field Mtr Tests - Estimated avg. gas vented = 20 scf/ea.
888	CI/R	0.001	0.56	Diaphragm - Registration Check - Estimated avg. gas vented = 0.625 scf/ea.
40,083	CI/R	0.001	40.08	Diaphragm Size 1,2,3 Meter Change Out - Use avg. gas vented of 1 scf on Size 1 Meter Change Out
168	CI	0.005	0.84	Field Meter Test of Diaphragm & Rotary - Use avg. gas vented of 5 scf for Size 9 Meters
59	CI	0.030	1.77	Filter Changeout or Filter Inspection w/parts replacement - Estimated avg. gas vented = 30 scf/ea.
15,378	CI	0.002	30.76	Large Customer MSA Regulator Inspection - External Regulator Inspections @ 2 scf/insp.
5,280	CI	0.006	31.68	Large Customer MSA Regulator Inspection - Regulator change out & Internal Reg Inspection @ 6 scf/insp.
190	CI	0.018	3.42	Monthly Plate Inspections at Customer Orifice Meters - Estimated avg. gas vented = 18 scf/insp (Avg. Size = 20" @ 300 psig with top chamber volume 0.839 cf)
287	CI	0.020	5.74	Relief Valve Inspection at Customer MSAs - Estimated avg. gas vented = 20 scf/insp. (annual test with Nitrogen, gas vented is volume of gas in valve)
455	CI	0.005	2.28	Customer MSA M&R-Maintained Removals (Estimated gas vented 5 scf/ea.)
4,662	CI/R	0.001	4.66	Customer MSA Size 1-2 Standard Pressure Removals. Estimated avg vent 1 scf/ea.
518	CI/R	0.003	1.55	Customer MSA Size 3-4 Standard Pressure Removals. Estimated avg vent 3 scf/ea
163	CI	0.030	4.89	Producer Filter Changeout or Filter Inspection w/parts replacement - Estimated avg. gas vented = 30 scf/ea.
10	CI	0.833	8.33	Producer Pipeline Drip Accumulation - Estimated avg. gas vented = 10,000 cfh for 5min/device
90	CI	0.020	1.80	Producer Relief Valve Inspection at Customer MSAs - Estimated avg. gas vented = 20 scf/insp.
155	CI	0.002	0.31	Producer Pneumatic Device Annual Inspection - Estimated avg. gas vented = 2 scf/insp. (Actuators & Controllers)
55	CI	0.025	1.38	Producer - Meters - 25 scf/inspection
66	CI	0.002	0.13	Producer - Gas chromatographs/analyzers - 2 scf/inspection
24	CI	0.833	20.00	Pipeline Drip Accumulation - Estimated avg. gas vented = 10,000 cfh for 5min/device
365	CI	0.030	10.95	Transmission maintained - Filter Changeout or Filter Inspection w/parts replacement - Estimated avg. gas vented = 30 scf/ea.
126	CI	0.020	2.52	Transmission maintained - Relief Valve Inspection at Customer MSAs - Estimated avg. gas vented = 20 scf/insp. (annual test with Nitrogen, gas vented is volume of gas in valve)
110	CI	0.002	0.22	Transmission maintained - Pneumatic Device Annual Inspection - Estimated avg. gas vented = 2 scf/insp. (Actuators & Controllers)
67	CI	0.002	0.13	Transmission maintained gas chromatographs/analyzers - 2 scf/inspection
252	CI	0.025	6.30	Transmission maintained meters - 25 scf/inspection
		Sum Total	**1,420**	

SoCalGas, June 15th, 2023

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

In Response to Data Request, R15-01-008 2023 June Report

Appendix 6; Rev. 03/30/2023

Notes:

This worksheet is intended to capture the actual number of equipment and components in this asset category that vent emissions as a part of their design and normal function. By listing the number and types of components (not captured elsewhere in other templates) that vent emissions we hope to obtain information that may provide insight into how to evolve to a method of reporting emissions based on the actual number of units and types emitting rather than a crude population based estimate.

Currently, the component related leaks are accounted for in the population based estimate for MSAs and any estimate of emissions associated with this list of equipment and components will not be added to that total. This tab in not intended to replace or supplant the Vented and Blowdown Emissions tab which are activity based emissions.

No emissions estimates from this worksheet should be included in Appendix 8, as this is being collected for informational purposes at this time.
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.
Response:

Customer Meter Component/Equipment Vented Emissions (Informational Purposes Only):

ID (Number of Devices)	Geographic Location	Device Type	Bleed Rate	Manufacturer	Number of Days Emitting	Engineering or Manufacturer's based Estimate of Emissions	Annual Emissions (Mscf)	Explanatory Notes / Comments
23		P			365	0.0576	483.552	Controllers Transmission
61		P			365	0.0576	1282.464	Actuator Transmission
						Sum Total	**1,766**	

In Response to Data Request, Description and Definition of Required Contents (IF not self-explanatory)	
Meter Leaks, Population Based	
Number of Meters	
Meter Type	CI = commercial or industrial meter R = residential meter
Emission Factor (Mscf/yr)	
Annual Emissions (Mscf)	
Identified MSA Leaks, Leaker	
ID	
Geographic Location	GIS, zip code, or equivalent
Meter Classification (Commercial/Industrial or Residential)	If available, indicate whether the meter is commercial or industrial "CI", or a residential "R" meter. If that information is not available then note as "N/A". CI = Commercial or Industrial R = Residential N/A = not available
Leak Classification (Grade)	AH = Above Ground Hazardous AN = Above Ground Non-hazardous AM = Above Ground Non-hazardous Minor If Above Ground, and operator uses the Bubble grading methodology with an alphanumric grade, then provide an explanation for the meaning each grade in the notes above the table. **For example:** A = grade A - Large Leak or equates to with AH above with an approximate EF of 10.2035 scfh. B = grade B - Equates to AN above with anapproximate EF of 0.5138 scfh. Etc. If the MSA leak is Below ground **and not included in DM&S**, then use the following grades: 1 = grade 1 2 = grade 2 3 = grade 3 N = Non-Graded
Leak Discovery Method	S = Routine Leak Survey M = O&M (e.g. O&M activities, third party reports, customer odor reports, etc.)
Discovery Date (DD/MM/YY)	
Leak Repair Date (MM/DD/YY)	Use the date the leak ceases emitting NG. The final repair may be completed after the leak has been stopped.
If not repaired by 12/31/xx List the Scheduled Date of Repair (DD/MM/YY)	If leak is open, specify the scheduled date of repair Otherwise type "M," signifying that the leak is being monitored with no scheduled date of repair Then, provide the reason for not scheduling a repair in Comments column.
Reason for Not Scheduling a Repair	If repair hasn't been scheduled, then provide the reason for not scheduling a repair in this column. If using a reason code, then provide a table with codes and corresponding explanations.
Number of Days Leaking	Leak Duration (in days) = End Date + 1 day - Start date End Date: The repair date or December 31st of subject year, which ever is earlier. Start Date: If discovered by survey use January 1st or prior survey date whichever is more recent, or if an O&M or customer called in leak, then use discovery date for start of the leak. (Leaks carried over should use January 1st as start date for emissions calculations.) 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.
Number of Days to Repair.	Leak Discovery date minus repair date or 12/31 of the subject year plus 1 = number of days to repair for the subject year. Addition of 1 day to include the date repaired.
Comments or Additional Information	
Meter Leaks, Leak Count, Leaker	
Meter Classification (AG-Haz, AG-Non-Haz); Bubble Size Category	Utilities should add rows according to their bubble size categories and nomenclature, and should include a no-bubble category. For example, include a row for each: Foam/ Indeterminate; Bubbles; Soap Blown Off; and No Bubbles.
Total System Meters per survey Cycle	
Meters on Annual Survey [$M_{X,A}$]	
Meters on Multi-Year Survey Cycles [M_X^{Tot}]	
Survey Interval (yrs) [I]	
Meters Surveyed Annually from Multi-Year Survey Cycles [$M_{X,I}$]	
Total # of Leaks Detected from Survey [$N_{X,L}$]	

In Response to Data Request, Description and Definition of Required Contents (IF not self-explanatory)	
Annual Leak Rate [Leaks / Meter]	$R_X = \frac{N_{X,L}}{M_{X,A} + (I \times M_{X,I})}$
# of Unknown Leaks	$N_{X,unk} = \overline{R_X} \times (M_X^{Tot} - M_{X,I}) \times \frac{I}{2}$ If the operator changed the leak survey cycle during the report year that requires more detailed calculations based on the approved calculation methodology to determine the number of unknown leaks an additional worksheet may be added to show the calculations.
Total # of Leaks Detected from O&M* **[$N_{X,O}$]**	
All Damages	
ID	
Geographic Location	GIS, zip code, or equivalent
Damage Type	E = Excavation Damage N = natural force damage O = other outside force damage
Meter Type	CI = commercial or industrial meter R = residential meter
Leak Classification (Grade)	AH = Above Ground Hazardous AN = Above Ground Non-hazardous AM = Above Ground Non-hazardous Minor
Discovery Date (DD/MM/YY)	
Leak Repair Date (MM/DD/YY)	Use the date the leak ceases emitting NG. The final repair may be completed after the leak has been stopped.
If not repaired by 12/31/xx List the Scheduled Date of Repair (DD/MM/YY)	If leak is open, specify the scheduled date of repair. Otherwise type "M," signifying that the leak is being monitored with no scheduled date of repair. Then, provide the reason for not scheduling a repair in the Column provided.
Reason for Not Scheduling a Repair	Provide the reason for not scheduling a repair.
Number of Days Leaking	If date and time stamp are reliable and used consistently by respondent, then emissions may be calculated based on actual time leaking. E.G. Repair time - damage event time = duration of event. If respondent has average or historical leak duration based on the nature and circumstances of damages, then these may be applied to like damage events. The emissions factors should be adequately supported and explained in the filing. If actual time stamps and historical averages are not available, then whole days should be used in the engineering calculation. The leak begins with the damage event date thru repair date or December 31st of subject year, whichever is later. E.G. Days Leaking = Repair date - date of damage + 1 day.
Engineering Estimate (Mscf/Day)	
Annual Emissions (Mscf)	
Explanatory Notes / Comments	
Vented and Blowdown Emissions	
Number of Blowdowns	For metering set assembly (MSA)
Meter Type	CI = commercial or industrial meter R = residential meter
Emission Factor (Mscf/event)	
Annual Emissions (Mscf)	
Explanatory Notes / Comments	
Component Vented Emissions	
ID	
Geographic Location	GIS, zip code, or equivalent
Device Type	C = connector OE = open-ended line M = meter P = pneumatic device PR = pressure relief valve V = valve O = other devices
Bleed Rate	L = low bleed I = intermittent bleed H = high bleed NA = not applicable
Manufacturer	
Number of Days Emitting	Because the emissions are a factor of design or function, these emissions counted for the entire year.
Engineering or Manufacturer's based Estimate of Emissions	
Annual Emissions (Mscf)	The emissions should be based on 365 days times the actual volume emitting if known, or the approved Emissions Factor. Note whether the emissions are based on actual volumetric measures in the next column.
Explanatory Notes / Comments	