



Port Kembla Grain Terminal

Fumigation Gas Reading Log

Selected Dates: 4/01/2024 and 9/01/2024

Silo	Gas Reading Date	Gas Reading mg/l	Stack Flow Rate l/s	Exhaust Flux Instantaneous g/s	Exhaust Flux Hourly Average g/s	Fumigation State	Average Wind Speed	Average Wind Direction
Silo: CL102								
	04/01/2024 10:16 AM	0	0	0	0	Dosing	15.82	158
	04/01/2024 10:28 AM	0	0	0	0	Dosing	14.77	168
	04/01/2024 10:40 AM	0	0	0	0	Dosing	19.38	168
	04/01/2024 10:52 AM	0	0	0	0	Dosing	19.18	168
	04/01/2024 11:04 AM	23.35	0	0	0	Fumigation	19.68	170
	04/01/2024 11:16 AM	23.225	0	0	0	Fumigation	19.42	170
	04/01/2024 11:28 AM	14.8	0	0	0	Fumigation	17.92	169
	04/01/2024 11:40 AM	22.575	0	0	0	Fumigation	20.28	169
	04/01/2024 11:52 AM	25.5	0	0	0	Fumigation	19.6	167
	04/01/2024 12:04 PM	47.825	0	0	0	Fumigation	19.34	164
	04/01/2024 12:16 PM	23.289	0	0	0	Fumigation	19.27	173
	04/01/2024 12:28 PM	37.764	0	0	0	Fumigation	20.76	171
	04/01/2024 12:40 PM	34.314	0	0	0	Fumigation	19.84	167
	04/01/2024 12:52 PM	20.589	0	0	0	Fumigation	19.45	169
	04/01/2024 01:04 PM	9.664	0	0	0	Fumigation	21.13	169
	04/01/2024 01:16 PM	64.5	0	0	0	Fumigation	21.08	167
	04/01/2024 01:28 PM	60.8	0	0	0	Fumigation	23.04	163
	04/01/2024 01:41 PM	52.375	0	0	0	Fumigation	18.7	171



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Selected Dates: 4/01/2024 and 9/01/2024

04/01/2024 01:53 PM	52.075	0	0	0	Fumigation	18.12	169
04/01/2024 02:05 PM	54.9	0	0	0	Fumigation	18.6	160
04/01/2024 02:17 PM	58.075	0	0	0	Fumigation	19.09	159
04/01/2024 02:29 PM	60.925	0	0	0	Fumigation	19.77	157
04/01/2024 02:41 PM	61.575	0	0	0	Fumigation	22.32	159
04/01/2024 02:53 PM	64.425	0	0	0	Fumigation	19.59	161
04/01/2024 03:05 PM	45.725	0	0	0	Fumigation	18.75	164
04/01/2024 03:17 PM	58.525	0	0	0	Fumigation	16.25	170
04/01/2024 03:29 PM	57.475	0	0	0	Fumigation	16.02	169
04/01/2024 03:41 PM	55.675	0	0	0	Fumigation	15.22	169
04/01/2024 03:53 PM	56	0	0	0	Fumigation	15.33	165
04/01/2024 04:05 PM	56.7	0	0	0	Fumigation	14.07	159
04/01/2024 04:17 PM	53.775	0	0	0	Fumigation	13.71	160
04/01/2024 04:29 PM	57.55	0	0	0	Fumigation	14.04	164
04/01/2024 04:41 PM	54.825	0	0	0	Fumigation	15.51	165
04/01/2024 04:53 PM	58.4	0	0	0	Fumigation	15.4	165
04/01/2024 05:05 PM	58.375	0	0	0	Fumigation	14.74	166
04/01/2024 05:17 PM	54.4	0	0	0	Fumigation	13.02	164
04/01/2024 05:29 PM	55.425	0	0	0	Fumigation	15.75	168
04/01/2024 05:41 PM	55.425	0	0	0	Fumigation	16.22	165
04/01/2024 05:53 PM	53.075	0	0	0	Fumigation	14.8	166
04/01/2024 06:05 PM	53.65	0	0	0	Fumigation	17.56	165
04/01/2024 06:17 PM	57.15	0	0	0	Fumigation	13.6	177



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Selected Dates: 4/01/2024 and 9/01/2024

04/01/2024 06:29 PM	55.125	0	0	0	Fumigation	15.33	175
04/01/2024 06:41 PM	52.2	0	0	0	Fumigation	14.9	173
04/01/2024 06:53 PM	51.7	0	0	0	Fumigation	13.55	171
04/01/2024 07:05 PM	54.675	0	0	0	Fumigation	13.63	170
04/01/2024 07:17 PM	51.375	0	0	0	Fumigation	13.97	165
04/01/2024 07:29 PM	53	0	0	0	Fumigation	13.52	164
04/01/2024 07:42 PM	51.9	0	0	0	Fumigation	13.31	166
04/01/2024 07:54 PM	50.65	0	0	0	Fumigation	13.25	165
04/01/2024 08:06 PM	52.05	0	0	0	Fumigation	14.4	162
04/01/2024 08:18 PM	49.575	0	0	0	Fumigation	11.73	173
04/01/2024 08:30 PM	50.75	0	0	0	Fumigation	10.4	185
04/01/2024 08:42 PM	51.1	0	0	0	Fumigation	13.66	151
04/01/2024 08:54 PM	36.925	0	0	0	Fumigation	14.2	163
04/01/2024 09:06 PM	49.4	0	0	0	Fumigation	12.06	163
04/01/2024 09:18 PM	49.975	0	0	0	Fumigation	13.59	153
04/01/2024 09:30 PM	37.05	0	0	0	Fumigation	9.78	159
04/01/2024 09:42 PM	40.975	0	0	0	Fumigation	12.21	148
04/01/2024 09:54 PM	46.825	0	0	0	Fumigation	12.28	151
04/01/2024 10:06 PM	48.7	0	0	0	Fumigation	11.77	154
04/01/2024 10:18 PM	47.55	0	0	0	Fumigation	14.6	151
04/01/2024 10:30 PM	49.85	0	0	0	Fumigation	12.32	158
04/01/2024 10:42 PM	49.55	0	0	0	Fumigation	11.63	151
04/01/2024 10:54 PM	47.55	0	0	0	Fumigation	12.14	156



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Selected Dates: 4/01/2024 and 9/01/2024

04/01/2024 11:06 PM	49.3	0	0	0	Fumigation	11.2	160
04/01/2024 11:18 PM	48.025	0	0	0	Fumigation	10.25	150
04/01/2024 11:30 PM	48.675	0	0	0	Fumigation	10.45	154
04/01/2024 11:42 PM	38.3	0	0	0	Fumigation	11.64	147
04/01/2024 11:54 PM	42.125	0	0	0	Fumigation	11.82	148
05/01/2024 12:06 AM	48.025	0	0	0	Fumigation	13.02	144
05/01/2024 12:18 AM	45.875	0	0	0	Fumigation	8.49	151
05/01/2024 12:30 AM	46.425	0	0	0	Fumigation	10.15	156
05/01/2024 12:42 AM	46.875	0	0	0	Fumigation	9.68	144
05/01/2024 12:54 AM	47.7	0	0	0	Fumigation	12.77	133
05/01/2024 01:06 AM	44.6	0	0	0	Fumigation	13.74	133
05/01/2024 01:18 AM	46.275	0	0	0	Fumigation	14.36	134
05/01/2024 01:30 AM	44.95	0	0	0	Fumigation	14.34	139
05/01/2024 01:43 AM	45.975	0	0	0	Fumigation	16	139
05/01/2024 01:55 AM	30.8	0	0	0	Fumigation	14.78	147
05/01/2024 02:07 AM	45.275	0	0	0	Fumigation	13.77	144
05/01/2024 02:19 AM	45.75	0	0	0	Fumigation	14.47	147
05/01/2024 02:31 AM	46	0	0	0	Fumigation	13.37	143
05/01/2024 02:43 AM	34.35	0	0	0	Fumigation	15.4	141
05/01/2024 02:55 AM	48.075	0	0	0	Fumigation	14.15	138
05/01/2024 03:07 AM	42.425	0	0	0	Fumigation	15.97	136
05/01/2024 03:19 AM	35	0	0	0	Fumigation	13.89	136
05/01/2024 03:31 AM	44.1	0	0	0	Fumigation	12.45	143



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Selected Dates: 4/01/2024 and 9/01/2024

05/01/2024 03:43 AM	45.05	0	0	0	Fumigation	11.49	150
05/01/2024 03:55 AM	45.075	0	0	0	Fumigation	11.27	149
05/01/2024 04:07 AM	31.15	0	0	0	Fumigation	12.15	143
05/01/2024 04:19 AM	38.875	0	0	0	Fumigation	9.92	149
05/01/2024 04:31 AM	44.725	0	0	0	Fumigation	9.54	148
05/01/2024 04:43 AM	30.175	0	0	0	Fumigation	10.4	149
05/01/2024 04:55 AM	46.25	0	0	0	Fumigation	9.97	160
05/01/2024 05:07 AM	42.1	0	0	0	Fumigation	10.53	156
05/01/2024 05:19 AM	41.925	0	0	0	Fumigation	9.49	153
05/01/2024 05:31 AM	44.025	0	0	0	Fumigation	8	144
05/01/2024 05:43 AM	39.075	0	0	0	Fumigation	8.9	148
05/01/2024 05:55 AM	45.35	0	0	0	Fumigation	9.42	148
05/01/2024 06:07 AM	43.825	0	0	0	Fumigation	8.48	149
05/01/2024 06:19 AM	43.125	0	0	0	Fumigation	8.26	150
05/01/2024 06:31 AM	44.1	0	0	0	Fumigation	7.96	154
05/01/2024 06:43 AM	44.1	0	0	0	Fumigation	9.07	154
05/01/2024 06:55 AM	43.7	0	0	0	Fumigation	10	156
05/01/2024 07:07 AM	44.225	0	0	0	Fumigation	9.4	152
05/01/2024 07:19 AM	40.4	0	0	0	Fumigation	9.29	160
05/01/2024 07:31 AM	43.825	0	0	0	Fumigation	8.74	156
05/01/2024 07:44 AM	40.25	0	0	0	Fumigation	8.58	154
05/01/2024 07:56 AM	39.5	0	0	0	Fumigation	8.41	154
05/01/2024 08:08 AM	40.225	0	0	0	Fumigation	8.59	159



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Selected Dates: 4/01/2024 and 9/01/2024

05/01/2024 08:20 AM	41.95	0	0	0	Fumigation	9.63	141
05/01/2024 08:32 AM	41.475	0	0	0	Fumigation	9.71	143
05/01/2024 08:44 AM	43.325	0	0	0	Fumigation	9.73	153
05/01/2024 08:56 AM	42.4	0	0	0	Fumigation	11.25	138
05/01/2024 09:08 AM	31.25	0	0	0	Fumigation	12.37	138
05/01/2024 09:20 AM	32.55	0	0	0	Fumigation	14.22	140
05/01/2024 09:32 AM	38.45	0	0	0	Fumigation	12.48	144
05/01/2024 09:44 AM	42.5	0	0	0	Fumigation	12.73	142
05/01/2024 09:56 AM	38.4	0	0	0	Fumigation	12.46	143
05/01/2024 10:08 AM	40.2	0	0	0	Fumigation	12.35	137
05/01/2024 10:20 AM	40.6	0	0	0	Fumigation	11.39	128
05/01/2024 10:32 AM	42.35	0	0	0	Fumigation	10.21	135
05/01/2024 10:44 AM	38.6	0	0	0	Fumigation	9.83	131
05/01/2024 10:56 AM	43.6	0	0	0	Fumigation	8.97	125
05/01/2024 11:08 AM	39.75	0	0	0	Fumigation	8.11	123
05/01/2024 11:20 AM	0.539	503	0.271	0	Initial Purging	7.95	124
05/01/2024 11:32 AM	0.354	503	0.178	0	Initial Purging	7.41	120
05/01/2024 11:44 AM	0.351	503	0.177	0	Initial Purging	7.41	117
05/01/2024 11:56 AM	0.674	503	0.339	0	Initial Purging	6.93	114
05/01/2024 12:08 PM	0.333	503	0.167	0	Initial Purging	7.59	119
05/01/2024 12:20 PM	0.693	503	0.349	0.226	Initial Purging	7.96	120
05/01/2024 12:32 PM	0.281	503	0.141	0.2	Initial Purging	8.02	112
05/01/2024 12:44 PM	0.738	503	0.371	0.239	Initial Purging	8.38	116



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Selected Dates: 4/01/2024 and 9/01/2024

05/01/2024 12:56 PM	0.153	503	0.077	0.219	Initial Purging	10.2	125
05/01/2024 01:08 PM	0.296	503	0.149	0.181	Purging	11.52	116
05/01/2024 01:20 PM	0.239	503	0.12	0.172	Purging	7.55	100
05/01/2024 01:32 PM	0.25	503	0.126	0.169	Purging	6.52	102
05/01/2024 01:45 PM	0.259	503	0.13	0.12	Purging	8.51	115
05/01/2024 01:57 PM	0.145	503	0.073	0.12	Purging	10.77	123
05/01/2024 02:09 PM	0.198	503	0.1	0.11	Purging	10.99	121
05/01/2024 02:21 PM	0.731	503	0.368	0.159	Purging	11.19	122
05/01/2024 02:33 PM	0.493	503	0.248	0.184	Purging	10.83	123
05/01/2024 02:45 PM	1.175	503	0.591	0.276	Purging	9.62	130
05/01/2024 02:57 PM	0.708	503	0.356	0.333	Purging	10.03	131
05/01/2024 03:09 PM	0.315	503	0.158	0.344	Purging	10.77	132
05/01/2024 03:21 PM	0.305	503	0.153	0.301	Purging	11.35	140
05/01/2024 03:33 PM	0.225	503	0.113	0.274	Purging	9.88	132
05/01/2024 03:45 PM	0.282	503	0.142	0.185	Purging	9.43	131
05/01/2024 03:57 PM	0.246	503	0.124	0.138	Purging	9.04	134
05/01/2024 04:09 PM	0.804	503	0.404	0.187	Purging	9.48	134
05/01/2024 04:21 PM	0.764	503	0.384	0.234	Purging	10.82	132
05/01/2024 04:33 PM	0.929	503	0.467	0.304	Purging	11.86	127
05/01/2024 04:45 PM	0.688	503	0.346	0.345	Purging	9.86	141
05/01/2024 04:57 PM	0.721	503	0.363	0.393	Purging	10.02	136
05/01/2024 05:09 PM	0.736	503	0.37	0.386	Purging	8.81	145
05/01/2024 05:21 PM	1.048	503	0.527	0.415	Purging	8.4	144



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Selected Dates: 4/01/2024 and 9/01/2024

05/01/2024 05:33 PM	0.36	503	0.181	0.357	Purging	8.96	138
05/01/2024 05:45 PM	0.275	503	0.138	0.316	Purging	9.54	148
05/01/2024 05:57 PM	0.388	503	0.195	0.282	Purging	9.77	149
05/01/2024 06:09 PM	0.304	503	0.153	0.239	Purging	10.62	153
05/01/2024 06:21 PM	0.712	503	0.358	0.205	Purging	9.72	151
05/01/2024 06:33 PM	0.2	503	0.101	0.189	Purging	9	141
05/01/2024 06:45 PM	1.049	503	0.528	0.267	Purging	9.58	142
05/01/2024 06:57 PM	0.353	503	0.178	0.263	Purging	10.56	141
05/01/2024 07:09 PM	0.291	503	0.146	0.262	Purging	10.63	142
05/01/2024 07:21 PM	0.463	503	0.233	0.237	Purging	10.73	147
05/01/2024 07:33 PM	0.258	503	0.13	0.243	Purging	9.96	139
05/01/2024 07:46 PM	0.359	503	0.181	0.173	Purging	9.62	140
05/01/2024 07:58 PM	0.691	503	0.348	0.207	Purging	9.06	154
05/01/2024 08:10 PM	0.57	503	0.287	0.235	Purging	9.64	149
05/01/2024 08:22 PM	0.586	503	0.295	0.248	Purging	9.01	149
05/01/2024 08:34 PM	0.717	503	0.361	0.294	Purging	9.52	148
05/01/2024 08:46 PM	0.314	503	0.158	0.289	Purging	9.09	144
05/01/2024 08:58 PM	0.848	503	0.427	0.305	Purging	9.18	138
05/01/2024 09:10 PM	0.698	503	0.351	0.318	Purging	8.66	136
05/01/2024 09:22 PM	0.55	503	0.277	0.315	Purging	8.53	134
05/01/2024 09:34 PM	0.73	503	0.367	0.316	Purging	8.84	136
05/01/2024 09:46 PM	1.037	503	0.522	0.389	Purging	7.86	138
05/01/2024 09:58 PM	0.349	503	0.176	0.339	Purging	8.23	130



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Selected Dates: 4/01/2024 and 9/01/2024

05/01/2024 10:10 PM	0.3	503	0.151	0.298	Purging	8.26	135
05/01/2024 10:22 PM	0.332	503	0.167	0.277	Purging	8.52	136
05/01/2024 10:34 PM	0.681	503	0.343	0.272	Purging	8.15	131
05/01/2024 10:46 PM	0.421	503	0.212	0.21	Purging	8.65	129
05/01/2024 10:58 PM	0.589	503	0.296	0.234	Purging	8.36	125
05/01/2024 11:10 PM	0.459	503	0.231	0.25	Purging	8.7	123
05/01/2024 11:22 PM	0.795	503	0.4	0.296	Purging	9.29	115
05/01/2024 11:34 PM	0.682	503	0.343	0.296	Purging	9.38	118
05/01/2024 11:46 PM	0.662	503	0.333	0.321	Purging	7.42	121
05/01/2024 11:58 PM	0.929	503	0.467	0.355	Purging	5.88	125
06/01/2024 12:10 AM	0.634	503	0.319	0.372	Purging	6.81	123
06/01/2024 12:22 AM	0.695	503	0.35	0.362	Purging	7.16	127
06/01/2024 12:34 AM	0.931	503	0.468	0.387	Purging	6.22	129
06/01/2024 12:46 AM	0.693	503	0.349	0.391	Purging	4.74	139
06/01/2024 12:58 AM	0.853	503	0.429	0.383	Purging	5.62	130
06/01/2024 01:10 AM	0.82	503	0.412	0.402	Purging	7.4	138
06/01/2024 01:22 AM	0.706	503	0.355	0.403	Purging	7.67	132
06/01/2024 01:34 AM	0.754	503	0.379	0.385	Purging	7.14	128
06/01/2024 01:47 AM	0.604	503	0.304	0.376	Purging	6.62	142
06/01/2024 01:59 AM	0.782	503	0.393	0.369	Purging	5.86	150
06/01/2024 02:11 AM	0.887	503	0.446	0.375	Purging	5.93	145
06/01/2024 02:23 AM	0.717	503	0.361	0.377	Purging	6.39	135
06/01/2024 02:35 AM	0.643	503	0.323	0.365	Purging	6.23	124



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06/01/2024 02:47 AM	0.795	503	0.4	0.385	Purging	6.1	124
06/01/2024 02:59 AM	0.895	503	0.45	0.396	Purging	6.34	130
06/01/2024 03:11 AM	0.777	503	0.391	0.385	Purging	5.79	135
06/01/2024 03:23 AM	0.865	503	0.435	0.4	Purging	4.11	143
06/01/2024 03:35 AM	0.807	503	0.406	0.416	Purging	1.75	158
06/01/2024 03:47 AM	0.531	503	0.267	0.39	Purging	2.08	234
06/01/2024 03:59 AM	0.637	503	0.32	0.364	Purging	2.43	259
06/01/2024 04:11 AM	0.708	503	0.356	0.357	Purging	2.41	250
06/01/2024 04:23 AM	0.675	503	0.34	0.338	Purging	2.18	267
06/01/2024 04:35 AM	0.65	503	0.327	0.322	Purging	2	273
06/01/2024 04:47 AM	0.876	503	0.441	0.357	Purging	2.38	257
06/01/2024 04:59 AM	0.784	503	0.394	0.371	Purging	2.39	262
06/01/2024 05:11 AM	0.825	503	0.415	0.383	Purging	1.76	253
06/01/2024 05:23 AM	0.563	503	0.283	0.372	Purging	3	236
06/01/2024 05:35 AM	0.572	503	0.288	0.364	Purging	2.89	236
06/01/2024 05:47 AM	0.782	503	0.393	0.355	Purging	3.52	234
06/01/2024 05:59 AM	0.64	503	0.322	0.34	Purging	2.92	237
06/01/2024 06:11 AM	0.701	503	0.353	0.328	Purging	3.08	241
06/01/2024 06:23 AM	0.541	503	0.272	0.326	Purging	3.58	241
06/01/2024 06:35 AM	0.653	503	0.328	0.334	Purging	3.31	245
06/01/2024 06:47 AM	0.639	503	0.321	0.319	Purging	3.01	267
06/01/2024 06:59 AM	0.701	503	0.353	0.325	Purging	2.01	257
06/01/2024 07:11 AM	0.613	503	0.308	0.317	Purging	2.18	262



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Selected Dates: 4/01/2024 and 9/01/2024

06/01/2024 07:23 AM	0.584	503	0.294	0.321	Purging	3.54	244
06/01/2024 07:35 AM	0.537	503	0.27	0.309	Purging	1.56	192
06/01/2024 07:48 AM	0.602	503	0.303	0.305	Purging	2.25	170
06/01/2024 08:00 AM	0.498	503	0.25	0.285	Purging	3.03	212
06/01/2024 08:12 AM	0.602	503	0.303	0.284	Purging	4.19	202
06/01/2024 08:24 AM	0.569	503	0.286	0.282	Purging	3.51	195
06/01/2024 08:36 AM	0.451	503	0.227	0.274	Purging	3.43	201
06/01/2024 08:48 AM	0.517	503	0.26	0.265	Purging	4.46	177
06/01/2024 09:00 AM	0.531	503	0.267	0.269	Purging	3.97	155
06/01/2024 09:12 AM	0.499	503	0.251	0.258	Purging	4.47	122
06/01/2024 09:24 AM	0.541	503	0.272	0.255	Purging	4.83	116
06/01/2024 09:36 AM	0.48	503	0.241	0.258	Purging	5.42	120
06/01/2024 09:48 AM	0.455	503	0.229	0.252	Purging	6.14	121
06/01/2024 10:00 AM	0.463	503	0.233	0.245	Purging	6.2	120
06/01/2024 10:12 AM	0.403	503	0.203	0.236	Purging	5.95	109
06/01/2024 10:24 AM	0.401	503	0.202	0.222	Purging	6.39	108
06/01/2024 10:36 AM	0.371	503	0.187	0.211	Purging	6.34	114
06/01/2024 10:48 AM	0.352	503	0.177	0.2	Purging	6.42	112
06/01/2024 11:00 AM	0.308	503	0.155	0.185	Purging	5.95	117
06/01/2024 11:12 AM	0.296	503	0.149	0.174	Purging	5.55	114
06/01/2024 11:24 AM	0.276	503	0.139	0.161	Purging	5.74	111
06/01/2024 11:36 AM	0.248	503	0.125	0.149	Purging	5.85	124
06/01/2024 11:48 AM	0.243	503	0.122	0.138	Purging	6.73	118



Port Kembla Grain Terminal

Fumigation Gas Reading Log

Selected Dates: 4/01/2024 and 9/01/2024

06/01/2024 12:00 PM	0.222	503	0.112	0.129	Purging	9	112
06/01/2024 12:12 PM	0.213	503	0.107	0.121	Purging	8.75	114
06/01/2024 12:24 PM	0.196	503	0.099	0.113	Purging	8.7	105
06/01/2024 12:36 PM	0.186	503	0.094	0.107	Purging	8.18	99
06/01/2024 12:48 PM	0.161	503	0.081	0.098	Purging	6.27	85
06/01/2024 01:00 PM	0.279	503	0.14	0.104	Purging	5.22	64
06/01/2024 01:12 PM	0.243	503	0.122	0.107	Purging	4.4	68
06/01/2024 01:24 PM	0.221	503	0.111	0.11	Purging	4.38	69
06/01/2024 01:36 PM	0.204	503	0.103	0.111	Purging	4.76	73
06/01/2024 01:49 PM	0.174	503	0.088	0.113	Purging	4.49	67
06/01/2024 02:01 PM	0.145	503	0.073	0.099	Purging	3.77	49
06/01/2024 02:13 PM	0.149	503	0.075	0.09	Purging	4.05	73
06/01/2024 02:25 PM	0.131	503	0.066	0.081	Purging	3.29	78
06/01/2024 02:37 PM	0.134	503	0.067	0.074	Purging	5.04	87
06/01/2024 02:49 PM	0.119	503	0.06	0.068	Purging	5.34	84
06/01/2024 03:01 PM	0.132	503	0.066	0.067	Purging	5.45	92
06/01/2024 03:13 PM	0.108	503	0.054	0.063	Purging	3.4	66
06/01/2024 03:25 PM	0.1	503	0.05	0.06	Purging	3.61	60
06/01/2024 03:37 PM	0.092	503	0.046	0.055	Purging	5.76	53
06/01/2024 03:49 PM	0.1	503	0.05	0.053	Purging	4.81	49
06/01/2024 04:01 PM	0.093	503	0.047	0.05	Purging	5.21	52
06/01/2024 04:13 PM	0.087	503	0.044	0.048	Purging	5.27	60
06/01/2024 04:25 PM	0.087	503	0.044	0.046	Purging	5.93	38



Port Kembla Grain Terminal

Fumigation Gas Reading Log

Selected Dates: 4/01/2024 and 9/01/2024

06/01/2024 04:37 PM	0.095	503	0.048	0.046	Purging	6.48	25
06/01/2024 04:49 PM	0.083	503	0.042	0.045	Purging	7.55	34
06/01/2024 05:01 PM	0.083	503	0.042	0.044	Purging	8.11	27
06/01/2024 05:13 PM	0.093	503	0.047	0.044	Purging	9.2	19
06/01/2024 05:25 PM	0.075	503	0.038	0.043	Purging	9.43	22
06/01/2024 05:37 PM	0.08	503	0.04	0.042	Purging	9.3	22
06/01/2024 05:49 PM	0.073	503	0.037	0.041	Purging	9.96	42
06/01/2024 06:01 PM	0.076	503	0.038	0.04	Purging	9.04	41
06/01/2024 06:13 PM	0.072	503	0.036	0.038	Purging	10.3	18
06/01/2024 06:25 PM	0.072	503	0.036	0.037	Purging	9.08	66
06/01/2024 06:37 PM	0.076	503	0.038	0.037	Purging	10.71	26
06/01/2024 06:49 PM	0.072	503	0.036	0.037	Purging	12.08	27
06/01/2024 07:01 PM	0.071	503	0.036	0.036	Purging	11.86	32
06/01/2024 07:13 PM	0.066	503	0.033	0.036	Purging	9.78	31
06/01/2024 07:25 PM	0.085	503	0.043	0.037	Purging	11.6	46
06/01/2024 07:37 PM	0.067	503	0.034	0.036	Purging	8.71	63
06/01/2024 07:50 PM	0.067	503	0.034	0.036	Purging	10.35	19
06/01/2024 08:02 PM	0.067	503	0.034	0.035	Purging	10.48	19
06/01/2024 08:14 PM	0.06	503	0.03	0.035	Purging	10.95	20
06/01/2024 08:26 PM	0.063	503	0.032	0.033	Purging	11.49	44
06/01/2024 08:38 PM	0.059	503	0.03	0.032	Purging	11.3	66
06/01/2024 08:50 PM	0.08	503	0.04	0.033	Purging	9.84	44
06/01/2024 09:02 PM	0.06	503	0.03	0.033	Purging	9.93	42



Port Kembla Grain Terminal

Fumigation Gas Reading Log

Selected Dates: 4/01/2024 and 9/01/2024

06/01/2024 09:14 PM	0.062	503	0.031	0.033	Purging	10.62	21
06/01/2024 09:26 PM	0.055	503	0.028	0.032	Purging	10.99	41
06/01/2024 09:38 PM	0.059	503	0.03	0.032	Purging	12.29	26
06/01/2024 09:50 PM	0.053	503	0.027	0.029	Purging	11.11	19
06/01/2024 10:02 PM	0.056	503	0.028	0.029	Purging	11.75	25
06/01/2024 10:14 PM	0.055	503	0.028	0.028	Purging	10.99	65
06/01/2024 10:26 PM	0.059	503	0.03	0.028	Purging	10.02	60
06/01/2024 10:38 PM	0.058	503	0.029	0.028	Purging	10.18	105
06/01/2024 10:50 PM	0.049	503	0.025	0.028	Purging	10.64	10
06/01/2024 11:02 PM	0.051	503	0.026	0.027	Purging	10.34	33
06/01/2024 11:14 PM	0.051	503	0.026	0.027	Purging	11.06	12
06/01/2024 11:26 PM	0.048	503	0.024	0.026	Purging	11.24	16
06/01/2024 11:38 PM	0.05	503	0.025	0.025	Purging	11.68	13
06/01/2024 11:50 PM	0.051	503	0.026	0.025	Purging	10.21	32
07/01/2024 12:02 AM	0.051	503	0.026	0.025	Purging	7.48	96
07/01/2024 12:14 AM	0.045	503	0.023	0.025	Purging	6.87	169
07/01/2024 12:26 AM	0.059	503	0.03	0.026	Purging	6.24	121
07/01/2024 12:38 AM	0.05	503	0.025	0.026	Purging	5.99	121
07/01/2024 12:50 AM	0.043	503	0.022	0.025	Purging	5.83	102
07/01/2024 01:02 AM	0.048	503	0.024	0.025	Purging	4.19	118
07/01/2024 01:14 AM	0.048	503	0.024	0.025	Purging	4.46	252
07/01/2024 01:26 AM	0.047	503	0.024	0.024	Purging	4.17	229
07/01/2024 01:38 AM	0.043	503	0.022	0.023	Purging	5.09	251



Port Kembla Grain Terminal

Fumigation Gas Reading Log

Selected Dates: 4/01/2024 and 9/01/2024

07/01/2024 01:51 AM	0.046	503	0.023	0.023	Purging	3.66	183
07/01/2024 02:03 AM	0.043	503	0.022	0.023	Purging	4.59	235
07/01/2024 02:15 AM	0.043	503	0.022	0.022	Purging	5.73	189
07/01/2024 02:27 AM	0.047	503	0.024	0.022	Purging	6.18	123
07/01/2024 02:39 AM	0.043	503	0.022	0.022	Purging	5.24	165
07/01/2024 02:51 AM	0.043	503	0.022	0.022	Purging	5.01	227
07/01/2024 03:03 AM	0.043	503	0.022	0.022	Purging	4.4	162
07/01/2024 03:15 AM	0.043	503	0.022	0.022	Purging	5.13	142
07/01/2024 03:27 AM	0.043	503	0.022	0.021	Purging	3.62	231
07/01/2024 03:39 AM	0.043	503	0.022	0.022	Purging	3.91	280
07/01/2024 03:51 AM	0.044	503	0.022	0.022	Purging	3.92	316
07/01/2024 04:03 AM	0.06	503	0.03	0.023	Purging	3.82	298
07/01/2024 04:15 AM	0.048	503	0.024	0.024	Purging	3.67	311
07/01/2024 04:27 AM	0.042	503	0.021	0.024	Purging	3.73	256
07/01/2024 04:39 AM	0.043	503	0.022	0.024	Purging	3.51	280
07/01/2024 04:51 AM	0.043	503	0.022	0.024	Purging	2.86	326
07/01/2024 05:03 AM	0.045	503	0.023	0.022	Purging	3.34	310
07/01/2024 05:15 AM	0.046	503	0.023	0.022	Purging	3.38	308
07/01/2024 05:27 AM	0.061	503	0.031	0.024	Purging	3.11	320
07/01/2024 05:39 AM	0.043	503	0.022	0.024	Purging	3.34	311
07/01/2024 05:51 AM	0.042	503	0.021	0.024	Purging	3.8	334
07/01/2024 06:03 AM	0.04	503	0.02	0.023	Purging	3.89	327
07/01/2024 06:15 AM	0.043	503	0.022	0.023	Purging	3.82	334



Port Kembla Grain Terminal

Fumigation Gas Reading Log

Selected Dates: 4/01/2024 and 9/01/2024

07/01/2024 06:27 AM	0.04	503	0.02	0.021	Purging	3.34	315
07/01/2024 06:39 AM	0.04	503	0.02	0.021	Purging	3.44	331
07/01/2024 06:51 AM	0.036	503	0.018	0.02	Purging	4.23	333
07/01/2024 07:03 AM	0.035	503	0.018	0.02	Purging	4.79	302
07/01/2024 07:15 AM	0.035	503	0.018	0.019	Purging	5.15	289
07/01/2024 07:27 AM	0.036	503	0.018	0.018	Purging	4.49	289
07/01/2024 07:39 AM	0.037	503	0.019	0.018	Purging	3.75	325
07/01/2024 07:52 AM	0.036	503	0.018	0.018	Purging	4	298
07/01/2024 08:04 AM	0.036	503	0.018	0.018	Purging	4.3	242
07/01/2024 08:16 AM	0.031	503	0.016	0.018	Purging	4.87	160
07/01/2024 08:28 AM	0.036	503	0.018	0.018	Purging	5.69	124
07/01/2024 08:40 AM	0.031	503	0.016	0.017	Purging	7.54	144
07/01/2024 08:52 AM	0.031	503	0.016	0.017	Purging	5.82	123
07/01/2024 09:04 AM	0.036	503	0.018	0.017	Purging	6.17	126
07/01/2024 09:16 AM	0.029	503	0.015	0.016	Purging	8.26	56
07/01/2024 09:28 AM	0.026	503	0.013	0.015	Purging	8.53	85
07/01/2024 09:40 AM	0.024	503	0.012	0.015	Purging	7.95	17
07/01/2024 09:52 AM	0.032	503	0.016	0.015	Purging	8.25	43
07/01/2024 10:04 AM	0.024	503	0.012	0.014	Purging	8.49	27
07/01/2024 10:16 AM	0.024	503	0.012	0.013	Purging	8.77	30
07/01/2024 10:28 AM	0.019	503	0.01	0.012	Purging	7.58	39
07/01/2024 10:40 AM	0.028	503	0.014	0.013	Purging	12.54	34
07/01/2024 10:52 AM	0.021	503	0.011	0.012	Purging	12.52	32



Port Kembla Grain Terminal

Fumigation Gas Reading Log

Selected Dates: 4/01/2024 and 9/01/2024

07/01/2024 11:04 AM	0.02	503	0.01	0.011	Purging	12.62	26
07/01/2024 11:16 AM	0.025	503	0.013	0.011	Purging	12.29	26
07/01/2024 11:28 AM	0.019	503	0.01	0.011	Purging	14.01	31
07/01/2024 11:40 AM	0.019	503	0.01	0.011	Purging	13.53	28
07/01/2024 11:52 AM	0.016	503	0.008	0.01	Purging	16.16	50
07/01/2024 12:04 PM	0.017	503	0.009	0.01	Purging	13.94	31
07/01/2024 12:16 PM	0.016	503	0.008	0.009	Purging	14.24	27
07/01/2024 12:28 PM	0.012	503	0.006	0.008	Purging	13.24	22
07/01/2024 12:40 PM	0.017	503	0.009	0.008	Purging	13.42	22
07/01/2024 12:52 PM	0.013	503	0.007	0.008	Purging	12.5	22
07/01/2024 01:04 PM	0.008	503	0.004	0.007	Purging	13.81	20
07/01/2024 01:16 PM	0.004	503	0.002	0.005	Purging	14	21
07/01/2024 01:28 PM	0.008	503	0.004	0.005	Purging	14.13	23
07/01/2024 01:40 PM	0.005	503	0.003	0.004	Purging	11.71	45
07/01/2024 01:53 PM	0.003	503	0.002	0.003	Purging	13.49	24
07/01/2024 02:05 PM	0	503	0	0.002	Purging	13.44	28
07/01/2024 02:17 PM	0.006	503	0.003	0.002	Purging	14.49	46
07/01/2024 02:29 PM	0.004	503	0.002	0.002	Purging	14.13	43
07/01/2024 02:41 PM	0.002	503	0.001	0.002	Purging	12.23	19
07/01/2024 02:53 PM	0.018	503	0.009	0.003	Purging	13.38	16
07/01/2024 03:05 PM	0.007	503	0.004	0.004	Purging	13.16	18
07/01/2024 03:17 PM	0.005	503	0.003	0.004	Purging	15.19	44
07/01/2024 03:29 PM	0.005	503	0.003	0.004	Purging	13.53	38



Port Kembla Grain Terminal

Fumigation Gas Reading Log

Selected Dates: 4/01/2024 and 9/01/2024

07/01/2024 03:41 PM	0.008	503	0.004	0.004	Purging	13.16	24
07/01/2024 03:53 PM	0.005	503	0.003	0.003	Purging	13.22	44
07/01/2024 04:05 PM	0.01	503	0.005	0.003	Purging	13.72	61
07/01/2024 04:17 PM	0.022	503	0.011	0.005	Purging	13.81	40
07/01/2024 04:29 PM	0.004	503	0.002	0.005	Purging	14.79	47
07/01/2024 04:41 PM	0.009	503	0.005	0.005	Purging	14.19	21
07/01/2024 04:53 PM	0.008	503	0.004	0.005	Purging	13.15	43
07/01/2024 05:05 PM	0.012	503	0.006	0.006	Purging	14.13	37
07/01/2024 05:17 PM	0.012	503	0.006	0.005	Purging	14.22	37
07/01/2024 05:29 PM	0.012	503	0.006	0.005	Purging	13.61	63
07/01/2024 05:41 PM	0.014	503	0.007	0.006	Purging	12.93	28
07/01/2024 05:53 PM	0.008	503	0.004	0.006	Purging	13.05	25
07/01/2024 06:05 PM	0.009	503	0.005	0.006	Purging	14.81	46
07/01/2024 06:17 PM	0.013	503	0.007	0.006	Purging	15.95	25
07/01/2024 06:29 PM	0.017	503	0.009	0.006	Purging	14.86	18
07/01/2024 06:41 PM	0.012	503	0.006	0.006	Purging	15.18	17
07/01/2024 06:53 PM	0.016	503	0.008	0.007	Purging	14.58	20
07/01/2024 07:05 PM	0.016	503	0.008	0.007	Purging	16.28	22
07/01/2024 07:17 PM	0.016	503	0.008	0.008	Purging	14.56	16
07/01/2024 07:29 PM	0.013	503	0.007	0.007	Purging	15.52	62
07/01/2024 07:41 PM	0.016	503	0.008	0.008	Purging	15.46	80
07/01/2024 07:54 PM	0.026	503	0.013	0.009	Purging	16.84	34
07/01/2024 08:06 PM	0.016	503	0.008	0.009	Purging	13.73	38



Port Kembla Grain Terminal

Fumigation Gas Reading Log

Selected Dates: 4/01/2024 and 9/01/2024

07/01/2024 08:18 PM	0.012	503	0.006	0.008	Purging	12.5	14
07/01/2024 08:30 PM	0.016	503	0.008	0.009	Purging	14.06	12
07/01/2024 08:42 PM	0.02	503	0.01	0.009	Purging	11.48	79
07/01/2024 08:54 PM	0.016	503	0.008	0.008	Purging	10.51	144