

IN THE CIRCUIT COURT OF COOK COUNTY, ILLINOIS
COUNTY DEPARTMENT, CHANCERY DIVISION

PEOPLE OF THE STATE OF ILLINOIS,)
ex rel. KWAME RAOUL, Attorney)
General of the State of Illinois,)
)
Plaintiff,)
)
v.)
)
KOPPERS, INC., a Pennsylvania)
corporation, and KOPPERS)
CARBON MATERIALS LLC,)
a Pennsylvania limited liability company,)
)
Defendants.)

No. 2026CH05802

COMPLAINT FOR INJUNCTIVE RELIEF AND CIVIL PENALTIES

EXHIBIT 1

FEBRUARY 28, 2024 SEMI-ANNUAL COMPLIANCE REPORT

TABLE 9: VENT STREAM BYPASS SUMMARY FOR CLOSED VENT SYSTEM

REPORTING PERIOD: JULY 1, 2023-DECEMBER 23, 2023

TABLE 9: Vent Stream Bypass Summary For Closed Vent Systems [40 CFR 63.999(c)(2)(ii) and (iii)]
Reporting Period: July 01, 2023 through December 31, 2023

MCPU	Date	Start Time	End Time	Duration (hours)	Gas Volume (scf)	HAPs (PPMv)	HAP emissions (lbs)	Duration of Maintenance or Other Action ¹			
								Date	Time	End Time	Duration (hours)
Carbon Pitch	7/15/2023	9:17:00 AM	9:53:00 AM	0.60	1444	77100	0.2				
Carbon Pitch	7/16/2023	10:22:00 AM	10:29:00 AM	0.12	281	77100	0.0				
Carbon Pitch	7/16/2023	10:31:00 AM	10:37:00 AM	0.03	80	77100	0.0				
Carbon Pitch	8/8/2023	7:36:00 PM	8:00:00 PM	0.40	963	77100	0.1				
Carbon Pitch	8/8/2023	7:37:00 PM	8:00:00 PM	0.38	922	77100	0.1				
Carbon Pitch	8/10/2023	10:06:00 AM	11:30:00 AM	1.40	3369	77100	0.4				
Carbon Pitch	8/10/2023	10:35:00 AM	11:33:00 AM	0.98	3369	77300	0.4				
Carbon Pitch	8/11/2023	9:08:00 AM	10:27:00 AM	1.32	3148	77100	0.4				
Carbon Pitch	8/14/2023	11:23:00 AM	11:50:00 AM	0.62	1484	77100	0.2				
Carbon Pitch	8/18/2023	5:02:00 PM	5:34:00 PM	0.62	1283	77100	0.2				
Carbon Pitch	10/10/2023	12:15:00 PM	1:14:00 PM	0.98	2346	77100	0.3				
Carbon Pitch	10/10/2023	12:13:00 PM	12:14:00 PM	0.02	46	77100	0.0				
Carbon Pitch	10/10/2023	12:00:00 PM	12:11:00 PM	0.18	441	77300	0.1				
Carbon Pitch	10/10/2023	11:25:00 AM	11:58:00 AM	0.95	1323	77100	0.2				
Carbon Pitch	10/10/2023	9:36:00 AM	10:34:00 AM	0.97	2328	77300	0.3				
Carbon Pitch	10/10/2023	11:23:00 AM	1:14:00 PM	1.80	4452	77100	0.5				
Carbon Pitch	10/16/2023	11:24:00 AM	1:11:00 PM	1.78	4291	77300	0.5				
Coal Tar Distillation	7/1/2023	11:01:00 AM	11:04:00 AM	0.05	150	23794	0.7				
Coal Tar Distillation	7/2/2023	4:01:00 PM	4:08:00 PM	0.12	350	23794	1.6				
Coal Tar Distillation	7/2/2023	1:59:00 PM	2:04:00 PM	0.08	250	23794	1.2				
Coal Tar Distillation	7/2/2023	4:49:00 PM	4:54:00 PM	0.08	250	23794	1.2				
Coal Tar Distillation	7/3/2023	10:45:00 AM	10:50:00 AM	0.08	250	23794	1.2				
Coal Tar Distillation	7/7/2023	3:27:00 PM	3:34:00 PM	0.12	350	23794	1.6				
Coal Tar Distillation	7/6/2023	11:53:00 PM	11:57:00 PM	0.07	200	23794	0.9				
Coal Tar Distillation	7/7/2023	12:18:00 AM	1:03:00 AM	0.08	250	23794	1.2				
Coal Tar Distillation	7/7/2023	11:00:00 AM	11:55:00 AM	0.92	2750	23794	12.7				
Coal Tar Distillation	7/7/2023	6:12:00 PM	6:17:00 PM	0.08	250	23794	1.3				
Coal Tar Distillation	7/7/2023	7:05:00 PM	7:17:00 PM	0.12	350	23794	1.6				
Coal Tar Distillation	7/7/2023	9:41:00 PM	9:50:00 PM	0.13	400	23794	1.9				
Coal Tar Distillation	7/7/2023	9:54:00 PM	10:04:00 PM	0.17	500	23794	2.1				
Coal Tar Distillation	7/8/2023	2:39:00 AM	2:59:00 AM	0.33	1000	23794	4.6				
Coal Tar Distillation	7/8/2023	3:04:00 PM	3:52:00 PM	0.80	2400	23794	11.1				
Coal Tar Distillation	7/8/2023	11:38:00 PM	11:54:00 PM	0.17	800	23794	3.7				
Coal Tar Distillation	7/8/2023	12:23:00 AM	12:30:00 AM	0.12	350	23794	1.6				
Coal Tar Distillation	7/9/2023	1:08:00 AM	1:29:00 AM	0.25	1050	23794	4.9				
Coal Tar Distillation	7/9/2023	9:29:00 PM	9:34:00 PM	0.08	250	23794	1.2				
Coal Tar Distillation	7/10/2023	12:41:00 PM	1:00:00 PM	0.32	950	23794	4.4				
Coal Tar Distillation	7/10/2023	1:05:00 PM	1:24:00 PM	0.35	1050	23794	4.8				
Coal Tar Distillation	7/10/2023	1:40:00 PM	1:59:00 PM	0.32	950	23794	4.4				
Coal Tar Distillation	7/10/2023	5:05:00 PM	5:10:00 PM	0.08	250	23794	1.2				
Coal Tar Distillation	7/11/2023	8:01:00 AM	9:11:00 AM	1.17	3500	23794	16.2				
Coal Tar Distillation	7/12/2023	4:45:00 PM	5:02:00 PM	0.18	850	23794	3.9				
Coal Tar Distillation	7/12/2023	6:21:00 PM	8:33:00 PM	2.20	6660	23794	30.6				
Coal Tar Distillation	7/13/2023	12:25:00 AM	12:28:00 AM	0.05	150	23794	0.7				
Coal Tar Distillation	7/13/2023	2:36:00 AM	2:31:00 AM	0.08	250	23794	1.2				
Coal Tar Distillation	7/13/2023	5:22:00 AM	5:28:00 AM	0.10	300	23794	1.4				
Coal Tar Distillation	7/13/2023	10:22:00 PM	11:50:00 PM	1.47	4400	23794	20.8				
Coal Tar Distillation	7/14/2023	1:10:00 PM	1:50:00 PM	0.67	2000	23794	9.3				
Coal Tar Distillation	7/16/2023	3:17:00 AM	3:47:00 AM	0.58	1750	23794	8.1				
Coal Tar Distillation	7/16/2023	2:24:00 PM	2:32:00 PM	0.13	400	23794	1.9				
Coal Tar Distillation	7/18/2023	4:14:00 AM	4:24:00 AM	0.17	500	23794	2.3				
Coal Tar Distillation	7/24/2023	9:30:00 AM	10:06:00 AM	0.60	1800	23794	8.3				
Coal Tar Distillation	7/24/2023	11:48:00 AM	12:08:00 PM	0.33	1000	23794	4.6				
Coal Tar Distillation	7/25/2023	8:55:00 AM	10:15:00 AM	0.33	1000	23794	4.6				
Coal Tar Distillation	7/25/2023	5:09:00 PM	5:45:00 PM	0.10	300	23794	1.4				
Coal Tar Distillation	7/27/2023	1:42:00 PM	1:48:00 PM	0.10	300	23794	1.4				
Coal Tar Distillation	7/28/2023	7:53:00 AM	7:56:00 PM	0.05	150	23794	0.7				
Coal Tar Distillation	7/28/2023	5:02:00 PM	5:06:00 PM	0.07	200	23794	0.9				
Coal Tar Distillation	7/29/2023	12:06:00 PM	2:01:00 PM	1.90	5750	23794	26.6				
Coal Tar Distillation	7/31/2023	4:51:00 PM	4:54:00 PM	0.05	150	23794	0.7				
Coal Tar Distillation	8/2/2023	11:18:00 AM	12:39:00 PM	1.35	4050	23794	18.8				
Coal Tar Distillation	8/2/2023	1:42:00 PM	1:58:00 PM	0.17	800	23794	3.7				
Coal Tar Distillation	8/2/2023	8:29:00 PM	10:31:00 PM	0.03	100	23794	0.5				
Coal Tar Distillation	8/3/2023	8:03:00 AM	8:12:00 AM	0.15	450	23794	2.1				
Coal Tar Distillation	8/4/2023	1:16:00 AM	1:21:00 AM	0.08	250	23794	1.2				
Coal Tar Distillation	8/4/2023	6:53:00 PM	6:59:00 PM	0.07	200	23794	0.9				
Coal Tar Distillation	8/5/2023	9:08:00 AM	9:35:00 AM	0.45	1350	23794	8.3				
Coal Tar Distillation	8/8/2023	8:47:00 AM	8:50:00 AM	0.05	150	23794	0.7				
Coal Tar Distillation	8/8/2023	12:47:00 PM	12:51:00 PM	0.13	400	23794	1.9				
Coal Tar Distillation	8/9/2023	8:48:00 AM	11:13:00 AM	2.25	6750	23794	31.3				
Coal Tar Distillation	8/10/2023	8:51:00 AM	10:04:00 AM	0.20	600	23794	2.9				
Coal Tar Distillation	8/10/2023	10:48:00 AM	10:51:00 AM	0.05	150	23794	0.7				
Coal Tar Distillation	8/10/2023	11:25:00 AM	11:27:00 AM	0.03	100	23794	0.5				
Coal Tar Distillation	8/10/2023	11:58:00 AM	11:59:00 AM	0.02	50	23794	0.2				
Coal Tar Distillation	8/10/2023	12:00:00 PM	12:03:00 PM	0.05	150	23794	0.7				
Coal Tar Distillation	8/10/2023	12:51:00 PM	12:53:00 PM	0.03	100	23794	0.5				
Coal Tar Distillation	8/10/2023	4:11:00 PM	5:03:00 PM	0.87	2600	23794	12.0				
Coal Tar Distillation	8/10/2023	5:09:00 PM	5:15:00 PM	0.17	500	23794	2.3				
Coal Tar Distillation	8/10/2023	6:41:00 PM	6:43:00 PM	0.03	100	23794	0.5				
Coal Tar Distillation	8/10/2023	6:46:00 PM	6:53:00 PM	0.09	250	23794	0.7				
Coal Tar Distillation	8/10/2023	8:53:00 PM	8:57:00 PM	0.05	150	23794	0.7				
Coal Tar Distillation	8/10/2023	9:50:00 PM	9:55:00 PM	0.08	250	23794	1.2				
Coal Tar Distillation	8/11/2023	3:20:00 AM	4:41:00 AM	1.35	4050	23794	18.8				
Coal Tar Distillation	8/11/2023	11:51:00 AM	12:17:00 PM	0.43	1300	23794	6.0				
Coal Tar Distillation	8/11/2023	4:37:00 PM	5:33:00 PM	0.93	2800	23794	13.0				
Coal Tar Distillation	8/11/2023	4:37:00 PM	5:32:00 PM	0.92	2750	23794	12.7				
Coal Tar Distillation	8/11/2023	5:45:00 PM	5:47:00 PM	0.03	100	23794	0.5				
Coal Tar Distillation	8/11/2023	5:51:00 PM	5:57:00 PM	0.09	250	23794	0.7				
Coal Tar Distillation	8/12/2023	5:25:00 PM	6:22:00 PM	0.95	2850	23794	13.2				
Coal Tar Distillation	8/13/2023	7:44:00 PM	8:16:00 PM	0.53	1600	23794	7.4				
Coal Tar Distillation	8/14/2023	5:51:00 PM	3:57:00 PM	0.07	200	23794	0.9				
Coal Tar Distillation	8/16/2023	2:29:00 AM	2:32:00 AM	0.05	150	23794	0.7				
Coal Tar Distillation	8/16/2023	6:09:00 AM	6:36:00 AM	0.45	1350	23794	6.3				
Coal Tar Distillation	8/16/2023	8:35:00 AM	8:53:00 AM	0.47	1400	23794	6.5				
Coal Tar Distillation	8/16/2023	11:56:00 AM	12:18:00 PM	0.37	1100	23794	5.1				
Coal Tar Distillation	8/16/2023	1:59:00 PM	2:06:00 PM	0.17	500	23794	2.3				
Coal Tar Distillation	8/16/2023	6:48:00 PM	7:05:00 PM	0.13	350	23794	1.5				
Coal Tar Distillation	8/17/2023	11:85:00 AM	1:23:00 AM	0.07	200	23794	0.9				
Coal Tar Distillation	8/17/2023	10:10:00 AM	10:13:00 AM	0.05	150	23794	0.7				
Coal Tar Distillation	8/17/2023	10:19:00 AM	10:22:00 AM	0.05	150	23794	0.7				
Coal Tar Distillation	8/17/2023	10:27:00 AM	10:30:00 AM	0.05	150	23794	0.7				
Coal Tar Distillation	8/17/2023	11:24:00									

MCPU	Date	Start Time	End Time	Duration (hours)	Gas Volume (scf)	HAPs (PPMv)	HAP emissions (lbs)	Duration of Maintenance or Other Action ²			
								Date	Time	End Time	Duration (hours)
Coal Tar Distillation	8/25/2023	8:32:00 AM	8:32:00 AM	0.07	200	23794	0.9				
Coal Tar Distillation	8/26/2023	3:05:00 PM	3:11:00 PM	0.10	300	23794	1.4				
Coal Tar Distillation	8/26/2023	3:39:00 PM	3:44:00 PM	0.08	250	23794	1.2				
Coal Tar Distillation	8/28/2023	5:08:00 PM	5:16:00 PM	0.13	400	23794	1.9				
Coal Tar Distillation	8/29/2023	10:59:00 AM	11:11:00 AM	0.20	600	23794	2.8				
Coal Tar Distillation	8/29/2023	11:59:00 AM	12:08:00 PM	0.15	450	23794	2.1				
Coal Tar Distillation	8/29/2023	1:20:00 PM	5:23:00 PM	0.05	150	23794	0.7				
Coal Tar Distillation	8/29/2023	5:39:00 PM	5:45:00 PM	0.10	300	23794	1.4				
Coal Tar Distillation	8/29/2023	5:50:00 PM	5:52:00 PM	0.03	100	23794	0.5				
Coal Tar Distillation	8/29/2023	6:19:00 PM	6:18:00 PM	0.15	450	23794	2.1				
Coal Tar Distillation	8/31/2023	5:27:00 PM	5:33:00 PM	0.10	300	23794	1.4				
Coal Tar Distillation	8/31/2023	6:39:00 PM	6:47:00 PM	0.13	400	23794	1.9				
Coal Tar Distillation	9/2/2023	2:03:00 PM	2:08:00 PM	0.08	250	23794	1.2				
Coal Tar Distillation	9/4/2023	5:25:00 PM	6:02:00 PM	0.12	350	23794	1.6				
Coal Tar Distillation	9/4/2023	6:31:00 PM	6:35:00 PM	0.07	200	23794	0.9				
Coal Tar Distillation	9/5/2023	5:30:00 AM	5:35:00 AM	0.08	250	23794	1.2				
Coal Tar Distillation	9/9/2023	1:55:00 PM	2:06:00 PM	0.18	550	23794	2.5				
Coal Tar Distillation	9/9/2023	3:27:00 AM	3:32:00 AM	0.08	250	23794	1.2				
Coal Tar Distillation	9/11/2023	9:15:00 AM	9:59:00 AM	0.07	200	23794	0.9				
Coal Tar Distillation	9/12/2023	3:03:00 AM	3:08:00 AM	0.08	250	23794	1.2				
Coal Tar Distillation	9/12/2023	3:12:00 AM	3:17:00 AM	0.08	250	23794	1.2				
Coal Tar Distillation	9/12/2023	3:20:00 AM	3:30:00 AM	0.17	500	23794	2.3				
Coal Tar Distillation	9/12/2023	2:50:00 PM	2:58:00 PM	0.13	400	23794	1.9				
Coal Tar Distillation	9/14/2023	12:17:00 AM	12:16:00 AM	0.15	450	23794	2.1				
Coal Tar Distillation	9/14/2023	9:41:00 AM	9:44:00 AM	0.05	150	23794	0.7				
Coal Tar Distillation	9/14/2023	9:49:00 AM	9:55:00 AM	0.10	300	23794	1.4				
Coal Tar Distillation	9/14/2023	2:39:00 PM	2:43:00 PM	0.05	150	23794	0.7				
Coal Tar Distillation	9/14/2023	2:50:00 PM	2:54:00 PM	0.07	200	23794	0.9				
Coal Tar Distillation	9/14/2023	3:07:00 PM	3:08:00 PM	0.12	350	23794	1.6				
Coal Tar Distillation	9/15/2023	7:59:00 AM	8:07:00 AM	0.13	400	23794	1.9				
Coal Tar Distillation	9/16/2023	12:28:00 AM	12:33:00 AM	0.08	250	23794	1.2				
Coal Tar Distillation	9/16/2023	1:31:00 AM	3:20:00 AM	1.78	5350	23794	24.8				
Coal Tar Distillation	9/16/2023	3:20:00 AM	8:00:00 AM	3.33	10000	23794	46.3				
Coal Tar Distillation	9/17/2023	4:14:00 PM	4:18:00 PM	0.08	250	23794	1.2				
Coal Tar Distillation	9/18/2023	9:38:00 AM	9:41:00 AM	0.05	150	23794	0.7				
Coal Tar Distillation	9/20/2023	4:50:00 PM	4:56:00 PM	0.10	300	23794	1.4				
Coal Tar Distillation	9/20/2023	5:49:00 PM	5:52:00 PM	0.05	150	23794	0.7				
Coal Tar Distillation	9/21/2023	1:49:00 PM	1:53:00 PM	0.07	200	23794	0.9				
Coal Tar Distillation	9/24/2023	4:53:00 PM	4:53:00 PM	0.33	1000	23794	4.6				
Coal Tar Distillation	9/25/2023	7:37:00 AM	7:57:00 AM	0.33	1000	23794	4.6				
Coal Tar Distillation	9/26/2023	11:02:00 AM	11:07:00 AM	0.08	250	23794	1.2				
Coal Tar Distillation	9/26/2023	11:39:00 AM	11:43:00 AM	0.07	200	23794	0.9				
Coal Tar Distillation	10/2/2023	1:48:00 AM	2:03:00 AM	0.07	200	23794	0.9				
Coal Tar Distillation	10/5/2023	10:05:00 AM	10:11:00 AM	0.10	300	23794	1.4				
Coal Tar Distillation	10/5/2023	11:31:00 AM	11:34:00 AM	0.05	150	23794	0.7				
Coal Tar Distillation	10/5/2023	11:44:00 AM	11:49:00 AM	0.08	250	23794	1.2				
Coal Tar Distillation	10/6/2023	12:09:00 PM	12:12:00 PM	0.05	150	23794	0.7				
Coal Tar Distillation	10/6/2023	9:59:00 AM	11:37:00 AM	1.43	4900	23794	22.7				
Coal Tar Distillation	10/9/2023	3:40:00 AM	3:43:00 AM	0.05	150	23794	0.7				
Coal Tar Distillation	10/10/2023	8:25:00 AM	9:20:00 AM	0.95	2850	23794	13.2				
Coal Tar Distillation	10/10/2023	10:34:00 AM	11:09:00 AM	0.58	1750	23794	8.1				
Coal Tar Distillation	10/15/2023	8:34:00 PM	12:36:00 AM	3.93	11800	23794	54.7				
Coal Tar Distillation	10/16/2023	8:12:00 AM	8:14:00 AM	0.03	100	23794	0.5				
Coal Tar Distillation	10/17/2023	9:14:00 AM	9:16:00 AM	0.03	100	23794	0.5				
Coal Tar Distillation	10/18/2023	9:19:00 AM	9:22:00 AM	0.05	150	23794	0.7				
Coal Tar Distillation	10/18/2023	3:03:00 AM	3:27:00 PM	0.40	1200	23794	5.6				
Coal Tar Distillation	10/19/2023	7:25:00 PM	7:28:00 PM	0.05	150	23794	0.7				
Coal Tar Distillation	10/20/2023	9:51:00 PM	9:51:00 PM	0.07	200	23794	0.9				
Coal Tar Distillation	10/24/2023	5:26:00 PM	5:30:00 PM	0.07	200	23794	0.9				
Coal Tar Distillation	10/27/2023	8:46:00 PM	8:55:00 PM	0.15	450	23794	2.1				
Coal Tar Distillation	10/30/2023	4:22:00 AM	4:26:00 AM	0.07	200	23794	0.9				
Coal Tar Distillation	10/31/2023	9:56:00 AM	11:02:00 PM	2.10	6300	23794	29.2				
Coal Tar Distillation	10/31/2023	5:05:00 PM	5:09:00 PM	0.07	200	23794	0.9				
Coal Tar Distillation	11/5/2023	4:17:00 PM	4:24:00 PM	0.12	350	23794	1.6				
Coal Tar Distillation	11/4/2023	9:27:00 AM	10:00:00 AM	0.47	1400	23794	6.5				
Coal Tar Distillation	11/4/2023	9:27:00 AM	9:46:00 AM	0.32	950	23794	4.4				
Coal Tar Distillation	11/5/2023	7:42:00 AM	8:51:00 AM	1.15	3450	23794	18.0				
Coal Tar Distillation	11/7/2023	8:27:00 AM	12:16:00 PM	3.82	11450	23794	55.1				
Coal Tar Distillation	11/8/2023	5:12:00 PM	5:18:00 PM	0.10	300	23794	1.4				
Coal Tar Distillation	11/9/2023	8:01:00 PM	8:03:00 PM	0.03	100	23794	0.5				
Coal Tar Distillation	11/10/2023	12:17:00 PM	12:21:00 PM	0.07	200	23794	0.9				
Coal Tar Distillation	11/10/2023	3:43:00 PM	3:47:00 PM	0.07	200	23794	0.9				
Coal Tar Distillation	11/10/2023	5:42:00 PM	5:57:00 PM	0.08	250	23794	1.2				
Coal Tar Distillation	11/11/2023	9:21:00 AM	9:23:00 AM	0.03	100	23794	0.5				
Coal Tar Distillation	11/13/2023	9:25:00 AM	9:27:00 AM	0.03	100	23794	0.5				
Coal Tar Distillation	11/15/2023	9:28:00 AM	9:40:00 AM	0.20	600	23794	2.8				
Coal Tar Distillation	11/16/2023	8:48:00 PM	8:51:00 PM	0.05	150	23794	0.7				
Coal Tar Distillation	11/16/2023	11:32:00 PM	11:36:00 PM	0.07	200	23794	0.9				
Coal Tar Distillation	11/16/2023	11:41:00 AM	12:12:00 PM	0.32	1350	23794	7.2				
Coal Tar Distillation	11/16/2023	12:31:00 PM	12:33:00 PM	0.03	100	23794	0.5				
Coal Tar Distillation	11/17/2023	1:41:00 AM	1:56:00 AM	0.25	750	23794	3.5				
Coal Tar Distillation	11/22/2023	6:17:00 AM	6:27:00 AM	0.17	500	23794	2.3				
Coal Tar Distillation	11/30/2023	10:07:00 PM	10:10:00 PM	0.05	150	23794	0.7				
Coal Tar Distillation	12/24/2023	7:18:00 AM	8:42:00 AM	1.40	4200	23794	19.5				

NOTES:

1) For closed vent systems (CVS) under positive pressure subject to 40 CFR 63.983

2) Report times of a CVS under positive pressure subject to 40 CFR 63.983 when maintenance is performed on a one-sealed valve, when the seal is broken, when the bypass line valve position is changed, or when the key for a lock-and-key type configuration has been checked out

IN THE CIRCUIT COURT OF COOK COUNTY, ILLINOIS
COUNTY DEPARTMENT, CHANCERY DIVISION

PEOPLE OF THE STATE OF ILLINOIS,)
ex rel. KWAME RAOUL, Attorney)
General of the State of Illinois,)
)
Plaintiff,)
)
v.) No.
)
KOPPERS, INC., a Pennsylvania)
corporation, and KOPPERS)
CARBON MATERIALS LLC,)
a Pennsylvania limited liability company,)
)
Defendants.)

COMPLAINT FOR INJUNCTIVE RELIEF AND CIVIL PENALTIES

EXHIBIT 2

FEBRAURY 28, 2023 SEMI-ANNUAL COMPLIANCE REPORT:

TABLE 9: VENT STREAM BYPASS SUMMARY FOR CLOSED VENT SYSTEM

JULY 1, 2022-DECEMBER 31, 2022

TABLE 9: Vent Stream Bypass Summary For Closed Vent Systems
[40 CFR 63.999(c)(2)(ii) and (iii)]
Reporting Period: July 01, 2022 through December 31, 2022

MCPU	Start Time	End Time	Duration (hours)	Duration of Maintenance or Other Action ²			
				Date	Start Time	End Time	Duration (hours)
Type A Carbon Pitch	17-Jul-22 10:30:00	17-Jul-22 11:30:00	1.00				
Type A Carbon Pitch	04-Aug-22 09:30:00	04-Aug-22 11:00:00	1.50				
Type A Carbon Pitch	11-Aug-22 01:30:00	11-Aug-22 09:00:00	7.50				
Type A Carbon Pitch	13-Aug-22 10:45:00	13-Aug-22 00:45:00	2.00				
Type A Carbon Pitch	19-Aug-22 07:15:00	19-Aug-22 08:45:00	1.50				
Type A Carbon Pitch	07-Oct-22 09:45:00	07-Oct-22 12:45:00	3.00				
Type A Carbon Pitch	27-Oct-22 09:00:00	27-Oct-22 10:45:00	1.75				
Coal Tar Distillation	01-Jul-22 11:21:00	01-Jul-22 11:26:00	0.08				
Coal Tar Distillation	01-Jul-22 17:15:00	01-Jul-22 17:36:00	0.35				
Coal Tar Distillation	01-Jul-22 18:15:00	01-Jul-22 18:31:00	0.27				
Coal Tar Distillation	02-Jul-22 05:06:00	02-Jul-22 05:11:00	0.08				
Coal Tar Distillation	05-Jul-22 11:17:00	05-Jul-22 11:20:00	0.05				
Coal Tar Distillation	05-Jul-22 11:20:00	05-Jul-22 11:28:00	0.13				
Coal Tar Distillation	05-Jul-22 11:29:00	05-Jul-22 11:32:00	0.05				
Coal Tar Distillation	06-Jul-22 17:15:00	06-Jul-22 17:23:00	0.13				
Coal Tar Distillation	07-Jul-22 02:58:00	07-Jul-22 03:04:00	0.10				
Coal Tar Distillation	07-Jul-22 04:18:00	07-Jul-22 04:22:00	0.07				
Coal Tar Distillation	07-Jul-22 11:19:00	07-Jul-22 11:26:00	0.12				
Coal Tar Distillation	09-Jul-22 11:47:00	09-Jul-22 11:56:00	0.15				
Coal Tar Distillation	09-Jul-22 11:57:00	09-Jul-22 12:00:00	0.05				
Coal Tar Distillation	10-Jul-22 13:15:00	10-Jul-22 13:21:00	0.10				
Coal Tar Distillation	12-Jul-22 00:28:00	12-Jul-22 00:31:00	0.05				
Coal Tar Distillation	12-Jul-22 02:52:00	12-Jul-22 02:55:00	0.05				
Coal Tar Distillation	12-Jul-22 09:19:00	12-Jul-22 09:53:00	0.57				
Coal Tar Distillation	15-Jul-22 05:04:00	15-Jul-22 05:50:00	0.77				
Coal Tar Distillation	17-Jul-22 10:09:00	17-Jul-22 10:12:00	0.05				
Coal Tar Distillation	19-Jul-22 09:14:00	19-Jul-22 09:37:00	0.38				
Coal Tar Distillation	19-Jul-22 11:56:00	19-Jul-22 12:07:00	0.18				
Coal Tar Distillation	21-Jul-22 09:27:00	21-Jul-22 09:51:00	0.40				
Coal Tar Distillation	21-Jul-22 14:39:00	21-Jul-22 14:48:00	0.15				
Coal Tar Distillation	24-Jul-22 13:57:00	24-Jul-22 14:02:00	0.08				
Coal Tar Distillation	24-Jul-22 15:39:00	24-Jul-22 16:33:00	0.90				
Coal Tar Distillation	26-Jul-22 16:52:00	26-Jul-22 16:57:00	0.08				
Coal Tar Distillation	26-Jul-22 22:15:00	26-Jul-22 22:58:00	0.72				
Coal Tar Distillation	27-Jul-22 08:53:00	27-Jul-22 10:20:00	1.45				
Coal Tar Distillation	27-Jul-22 11:02:00	27-Jul-22 12:31:00	1.48				
Coal Tar Distillation	27-Jul-22 12:49:00	27-Jul-22 13:12:00	0.38				
Coal Tar Distillation	27-Jul-22 13:28:00	27-Jul-22 13:35:00	0.12				
Coal Tar Distillation	27-Jul-22 15:15:00	27-Jul-22 15:28:00	0.22				
Coal Tar Distillation	29-Jul-22 05:14:00	29-Jul-22 05:21:00	0.12				
Coal Tar Distillation	29-Jul-22 05:26:00	29-Jul-22 06:48:00	1.37				
Coal Tar Distillation	30-Jul-22 00:38:00	30-Jul-22 00:46:00	0.13				
Coal Tar Distillation	30-Jul-22 06:11:00	30-Jul-22 07:06:00	0.92				
Coal Tar Distillation	03-Aug-22 07:07:00	03-Aug-22 07:28:00	0.35				
Coal Tar Distillation	03-Aug-22 01:23:00	03-Aug-22 02:46:00	1.38				
Coal Tar Distillation	04-Aug-22 01:42:00	04-Aug-22 01:51:00	0.15				
Coal Tar Distillation	04-Aug-22 01:51:00	04-Aug-22 02:01:00	0.17				
Coal Tar Distillation	04-Aug-22 14:53:00	04-Aug-22 15:13:00	0.33				
Coal Tar Distillation	05-Aug-22 22:55:00	05-Aug-22 23:21:00	0.43				
Coal Tar Distillation	09-Aug-22 14:04:00	09-Aug-22 14:19:00	0.25				
Coal Tar Distillation	10-Aug-22 03:19:00	10-Aug-22 03:32:00	0.22				
Coal Tar Distillation	11-Aug-22 13:39:00	11-Aug-22 14:51:00	1.20				
Coal Tar Distillation	11-Aug-22 18:35:00	11-Aug-22 18:41:00	0.10				
Coal Tar Distillation	11-Aug-22 18:48:00	11-Aug-22 18:58:00	0.17				
Coal Tar Distillation	11-Aug-22 19:48:00	11-Aug-22 22:27:00	2.65				
Coal Tar Distillation	12-Aug-22 16:48:00	12-Aug-22 16:51:00	0.05				
Coal Tar Distillation	12-Aug-22 16:54:00	12-Aug-22 16:57:00	0.05				
Coal Tar Distillation	14-Aug-22 16:46:00	14-Aug-22 20:47:00	0.30				
Coal Tar Distillation	21-Aug-22 07:55:00	21-Aug-22 08:18:00	0.38				
Coal Tar Distillation	25-Aug-22 03:21:00	25-Aug-22 03:24:00	0.05				
Coal Tar Distillation	25-Aug-22 16:32:00	25-Aug-22 16:47:00	0.25				
Coal Tar Distillation	25-Aug-22 18:56:00	25-Aug-22 19:10:00	0.23				
Coal Tar Distillation	26-Aug-22 14:13:00	26-Aug-22 14:29:00	0.27				
Coal Tar Distillation	29-Aug-22 07:32:00	29-Aug-22 07:39:00	0.12				
Coal Tar Distillation	01-Sep-22 09:16:00	01-Sep-22 09:21:00	0.08				
Coal Tar Distillation	01-Sep-22 13:31:00	01-Sep-22 13:45:00	0.23				
Coal Tar Distillation	02-Sep-22 08:41:00	02-Sep-22 08:44:00	0.05				
Coal Tar Distillation	03-Sep-22 11:13:00	03-Sep-22 11:26:00	0.22				

MCPU	Start Time	End Time	Duration (hours)	Duration of Maintenance or Other Action ²			
				Date	Start Time	End Time	Duration (hours)
Coal Tar Distillation	06-Sep-22 03:43:00	06-Sep-22 05:02:00	1.32	Not Applicable			
Coal Tar Distillation	06-Sep-22 09:07:00	06-Sep-22 09:21:00	0.23				
Coal Tar Distillation	11-Sep-22 23:48:00	11-Sep-22 23:51:00	0.05				
Coal Tar Distillation	22-Sep-22 01:14:00	22-Sep-22 01:32:00	0.30				
Coal Tar Distillation	22-Sep-22 08:39:00	22-Sep-22 08:59:00	0.33				
Coal Tar Distillation	23-Sep-22 19:06:00	23-Sep-22 19:23:00	0.28				
Coal Tar Distillation	24-Sep-22 02:50:00	24-Sep-22 03:18:00	0.47				
Coal Tar Distillation	24-Sep-22 18:27:00	24-Sep-22 19:27:00	1.00				
Coal Tar Distillation	26-Sep-22 12:52:00	26-Sep-22 13:10:00	0.30				
Coal Tar Distillation	26-Sep-22 13:12:00	26-Sep-22 13:44:00	0.53				
Coal Tar Distillation	26-Sep-22 15:25:00	26-Sep-22 15:49:00	0.40				
Coal Tar Distillation	27-Sep-22 15:17:00	27-Sep-22 15:26:00	0.15				
Coal Tar Distillation	27-Sep-22 15:36:00	27-Sep-22 15:43:00	0.12				
Coal Tar Distillation	01-Oct-22 06:41:00	01-Oct-22 06:56:00	0.25				
Coal Tar Distillation	04-Oct-22 16:09:00	04-Oct-22 16:29:00	0.33				
Coal Tar Distillation	05-Oct-22 15:34:00	05-Oct-22 15:38:00	0.07				
Coal Tar Distillation	05-Oct-22 18:16:00	05-Oct-22 18:19:00	0.05				
Coal Tar Distillation	05-Oct-22 20:09:00	05-Oct-22 20:12:00	0.05				
Coal Tar Distillation	05-Oct-22 20:49:00	05-Oct-22 20:54:00	0.08				
Coal Tar Distillation	05-Oct-22 21:09:00	05-Oct-22 21:14:00	0.08				
Coal Tar Distillation	05-Oct-22 21:39:00	05-Oct-22 21:44:00	0.08				
Coal Tar Distillation	06-Oct-22 02:25:00	06-Oct-22 02:28:00	0.05				
Coal Tar Distillation	06-Oct-22 03:36:00	06-Oct-22 03:39:00	0.05				
Coal Tar Distillation	06-Oct-22 06:17:00	06-Oct-22 06:20:00	0.05				
Coal Tar Distillation	06-Oct-22 06:52:00	06-Oct-22 06:58:00	0.10				
Coal Tar Distillation	06-Oct-22 07:07:00	06-Oct-22 07:10:00	0.05				
Coal Tar Distillation	06-Oct-22 10:42:00	06-Oct-22 10:46:00	0.07				
Coal Tar Distillation	06-Oct-22 12:53:00	06-Oct-22 12:57:00	0.07				
Coal Tar Distillation	06-Oct-22 13:11:00	06-Oct-22 13:17:00	0.10				
Coal Tar Distillation	06-Oct-22 14:48:00	06-Oct-22 14:51:00	0.05				
Coal Tar Distillation	06-Oct-22 15:03:00	06-Oct-22 15:06:00	0.05				
Coal Tar Distillation	06-Oct-22 15:26:00	06-Oct-22 15:30:00	0.07				
Coal Tar Distillation	06-Oct-22 16:35:00	06-Oct-22 16:38:00	0.05				
Coal Tar Distillation	06-Oct-22 16:41:00	06-Oct-22 16:45:00	0.07				
Coal Tar Distillation	06-Oct-22 17:11:00	06-Oct-22 17:15:00	0.07				
Coal Tar Distillation	06-Oct-22 17:28:00	06-Oct-22 17:31:00	0.05				
Coal Tar Distillation	06-Oct-22 18:19:00	06-Oct-22 18:22:00	0.05				
Coal Tar Distillation	06-Oct-22 18:38:00	06-Oct-22 18:41:00	0.05				
Coal Tar Distillation	06-Oct-22 20:40:00	06-Oct-22 20:43:00	0.05				
Coal Tar Distillation	06-Oct-22 22:14:00	06-Oct-22 22:18:00	0.07				
Coal Tar Distillation	06-Oct-22 23:12:00	06-Oct-22 23:15:00	0.05				
Coal Tar Distillation	07-Oct-22 00:37:00	07-Oct-22 00:41:00	0.07				
Coal Tar Distillation	07-Oct-22 01:08:00	07-Oct-22 01:11:00	0.05				
Coal Tar Distillation	07-Oct-22 01:45:00	07-Oct-22 01:49:00	0.07				
Coal Tar Distillation	07-Oct-22 02:35:00	07-Oct-22 02:39:00	0.07				
Coal Tar Distillation	07-Oct-22 03:30:00	07-Oct-22 03:34:00	0.07				
Coal Tar Distillation	07-Oct-22 04:12:00	07-Oct-22 04:16:00	0.07				
Coal Tar Distillation	07-Oct-22 04:29:00	07-Oct-22 04:32:00	0.05				
Coal Tar Distillation	07-Oct-22 05:43:00	07-Oct-22 05:46:00	0.05				
Coal Tar Distillation	07-Oct-22 06:41:00	07-Oct-22 06:45:00	0.07				
Coal Tar Distillation	07-Oct-22 08:11:00	07-Oct-22 08:14:00	0.05				
Coal Tar Distillation	07-Oct-22 08:27:00	07-Oct-22 08:30:00	0.05				
Coal Tar Distillation	07-Oct-22 08:46:00	07-Oct-22 08:50:00	0.07				
Coal Tar Distillation	07-Oct-22 08:53:00	07-Oct-22 08:57:00	0.07				
Coal Tar Distillation	07-Oct-22 09:59:00	07-Oct-22 10:02:00	0.05				
Coal Tar Distillation	07-Oct-22 10:14:00	07-Oct-22 10:18:00	0.07				
Coal Tar Distillation	07-Oct-22 10:56:00	07-Oct-22 11:00:00	0.07				
Coal Tar Distillation	07-Oct-22 11:32:00	07-Oct-22 11:36:00	0.07				
Coal Tar Distillation	07-Oct-22 15:02:00	07-Oct-22 15:05:00	0.05				
Coal Tar Distillation	07-Oct-22 15:45:00	07-Oct-22 15:49:00	0.07				
Coal Tar Distillation	07-Oct-22 15:59:00	07-Oct-22 16:03:00	0.07				
Coal Tar Distillation	07-Oct-22 17:39:00	07-Oct-22 17:42:00	0.05				
Coal Tar Distillation	11-Oct-22 02:00:00	11-Oct-22 02:06:00	0.10				
Coal Tar Distillation	11-Oct-22 03:42:00	11-Oct-22 03:50:00	0.13				
Coal Tar Distillation	11-Oct-22 03:57:00	11-Oct-22 04:04:00	0.12				
Coal Tar Distillation	12-Oct-22 14:10:00	12-Oct-22 14:17:00	0.12				
Coal Tar Distillation	12-Oct-22 16:16:00	12-Oct-22 16:21:00	0.08				
Coal Tar Distillation	17-Oct-22 15:00:00	17-Oct-22 15:30:00	0.50				
Coal Tar Distillation	18-Oct-22 07:14:00	18-Oct-22 08:03:00	0.82				
Coal Tar Distillation	18-Oct-22 08:37:00	18-Oct-22 09:29:00	0.87				
Coal Tar Distillation	18-Oct-22 10:24:00	18-Oct-22 10:59:00	0.58				
Coal Tar Distillation	18-Oct-22 13:39:00	18-Oct-22 14:57:00	1.30				
Coal Tar Distillation	19-Oct-22 12:02:00	19-Oct-22 12:52:00	0.83				

MCPU	Start Time	End Time	Duration (hours)	Duration of Maintenance or Other Action ²			
				Date	Start Time	End Time	Duration (hours)
Coal Tar Distillation	19-Oct-22 13:18:00	19-Oct-22 14:09:00	0.85				
Coal Tar Distillation	19-Oct-22 19:57:00	19-Oct-22 20:05:00	0.13				
Coal Tar Distillation	19-Oct-22 21:40:00	19-Oct-22 21:45:00	0.08				
Coal Tar Distillation	20-Oct-22 03:08:00	20-Oct-22 03:17:00	0.15				
Coal Tar Distillation	21-Oct-22 13:07:00	21-Oct-22 13:24:00	0.28				
Coal Tar Distillation	21-Oct-22 13:40:00	21-Oct-22 13:58:00	0.30				
Coal Tar Distillation	21-Oct-22 17:43:00	21-Oct-22 17:49:00	0.10				
Coal Tar Distillation	21-Oct-22 18:02:00	21-Oct-22 18:07:00	0.08				
Coal Tar Distillation	21-Oct-22 18:39:00	21-Oct-22 18:44:00	0.08				
Coal Tar Distillation	21-Oct-22 19:36:00	21-Oct-22 19:41:00	0.08				
Coal Tar Distillation	22-Oct-22 13:00:00	22-Oct-22 13:05:00	0.08				
Coal Tar Distillation	26-Oct-22 19:10:00	26-Oct-22 19:17:00	0.12				
Coal Tar Distillation	28-Oct-22 22:48:00	28-Oct-22 23:47:00	0.98				
Coal Tar Distillation	28-Oct-22 23:55:00	29-Oct-22 00:01:00	0.10				
Coal Tar Distillation	29-Oct-22 06:47:00	29-Oct-22 06:56:00	0.15				
Coal Tar Distillation	29-Oct-22 07:48:00	29-Oct-22 07:58:00	0.17				
Coal Tar Distillation	29-Oct-22 20:58:00	29-Oct-22 21:05:00	0.12				
Coal Tar Distillation	29-Oct-22 21:28:00	29-Oct-22 21:35:00	0.12				
Coal Tar Distillation	30-Oct-22 07:25:00	30-Oct-22 07:31:00	0.10				
Coal Tar Distillation	30-Oct-22 12:58:00	30-Oct-22 13:05:00	0.12				
Coal Tar Distillation	30-Oct-22 13:14:00	30-Oct-22 13:22:00	0.13				
Coal Tar Distillation	30-Oct-22 18:45:00	30-Oct-22 18:54:00	0.15				
Coal Tar Distillation	30-Oct-22 20:12:00	30-Oct-22 21:04:00	0.87				
Coal Tar Distillation	03-Nov-22 01:00:00	03-Nov-22 01:12:00	0.20				
Coal Tar Distillation	03-Nov-22 19:32:00	03-Nov-22 19:37:00	0.08				
Coal Tar Distillation	03-Nov-22 20:22:00	03-Nov-22 20:28:00	0.10				
Coal Tar Distillation	04-Nov-22 11:58:00	04-Nov-22 12:05:00	0.12				
Coal Tar Distillation	04-Nov-22 12:24:00	04-Nov-22 12:29:00	0.08				
Coal Tar Distillation	04-Nov-22 13:40:00	04-Nov-22 13:45:00	0.08				
Coal Tar Distillation	04-Nov-22 14:13:00	04-Nov-22 14:19:00	0.10				
Coal Tar Distillation	04-Nov-22 14:40:00	04-Nov-22 14:49:00	0.15				
Coal Tar Distillation	04-Nov-22 15:04:00	04-Nov-22 15:15:00	0.18				
Coal Tar Distillation	04-Nov-22 15:37:00	04-Nov-22 15:43:00	0.10				
Coal Tar Distillation	04-Nov-22 16:18:00	04-Nov-22 16:25:00	0.12				
Coal Tar Distillation	04-Nov-22 17:56:00	04-Nov-22 17:59:00	0.05				
Coal Tar Distillation	05-Nov-22 04:45:00	05-Nov-22 05:38:00	0.88				
Coal Tar Distillation	08-Nov-22 13:33:00	08-Nov-22 13:53:00	0.33				
Coal Tar Distillation	08-Nov-22 17:42:00	08-Nov-22 18:33:00	0.85				
Coal Tar Distillation	09-Nov-22 08:38:00	09-Nov-22 08:42:00	0.07				
Coal Tar Distillation	25-Nov-22 19:50:00	25-Nov-22 21:05:00	1.25				
Coal Tar Distillation	26-Nov-22 03:45:00	26-Nov-22 04:25:00	0.67				
Coal Tar Distillation	26-Nov-22 14:46:00	26-Nov-22 14:50:00	0.07				
Coal Tar Distillation	26-Nov-22 15:40:00	26-Nov-22 15:53:00	0.22				
Coal Tar Distillation	26-Nov-22 16:02:00	26-Nov-22 17:23:00	1.35				
Coal Tar Distillation	26-Nov-22 18:18:00	26-Nov-22 18:42:00	0.40				
Coal Tar Distillation	26-Nov-22 21:33:00	26-Nov-22 21:56:00	0.38				
Coal Tar Distillation	28-Nov-22 05:04:00	28-Nov-22 05:09:00	0.08				
Coal Tar Distillation	06-Dec-22 09:54:00	06-Dec-22 10:26:00	0.53				
Coal Tar Distillation	07-Dec-22 08:14:00	07-Dec-22 08:35:00	0.35				
Coal Tar Distillation	07-Dec-22 20:14:00	07-Dec-22 21:28:00	1.23				
Coal Tar Distillation	07-Dec-22 21:38:00	07-Dec-22 21:40:00	0.03				
Coal Tar Distillation	07-Dec-22 22:26:00	07-Dec-22 22:29:00	0.05				
Coal Tar Distillation	07-Dec-22 23:22:00	07-Dec-22 23:56:00	0.57				
Coal Tar Distillation	09-Dec-22 00:53:00	09-Dec-22 01:31:00	0.63				
Coal Tar Distillation	09-Dec-22 02:49:00	09-Dec-22 03:00:00	0.18				
Coal Tar Distillation	10-Dec-22 23:34:00	11-Dec-22 00:02:00	0.47				
Coal Tar Distillation	15-Dec-22 05:26:00	15-Dec-22 05:36:00	0.17				
Coal Tar Distillation	15-Dec-22 07:26:00	15-Dec-22 08:15:00	0.82				
Coal Tar Distillation	15-Dec-22 11:29:00	15-Dec-22 11:44:00	0.25				
Coal Tar Distillation	15-Dec-22 14:45:00	15-Dec-22 15:15:00	0.50				
Coal Tar Distillation	15-Dec-22 14:45:00	15-Dec-22 15:40:00	0.92				
Coal Tar Distillation	15-Dec-22 18:44:00	15-Dec-22 18:51:00	0.12				
Coal Tar Distillation	15-Dec-22 22:46:00	15-Dec-22 22:52:00	0.10				
Coal Tar Distillation	16-Dec-22 11:21:00	16-Dec-22 11:31:00	0.17				
Coal Tar Distillation	16-Dec-22 12:26:00	16-Dec-22 12:32:00	0.10				
Coal Tar Distillation	17-Dec-22 12:58:00	17-Dec-22 13:17:00	0.32				
Coal Tar Distillation	17-Dec-22 17:05:00	17-Dec-22 17:42:00	0.62				
Coal Tar Distillation	18-Dec-22 01:54:00	18-Dec-22 02:37:00	0.72				
Coal Tar Distillation	21-Dec-22 08:36:00	21-Dec-22 09:07:00	0.52				
Coal Tar Distillation	22-Dec-22 18:43:00	22-Dec-22 20:31:00	1.80				
Coal Tar Distillation	22-Dec-22 18:43:00	22-Dec-22 20:31:00	1.80				
Coal Tar Distillation	22-Dec-22 21:35:00	22-Dec-22 21:49:00	0.23				
Coal Tar Distillation	23-Dec-22 15:01:00	23-Dec-22 15:06:00	0.08				

MCPU	Start Time	End Time	Duration (hours)	Duration of Maintenance or Other Action ²			
				Date	Start Time	End Time	Duration (hours)
Coal Tar Distillation	23-Dec-22 19:19:00	23-Dec-22 19:24:00	0.08				
Coal Tar Distillation	23-Dec-22 19:25:00	23-Dec-22 19:32:00	0.12				
Coal Tar Distillation	24-Dec-22 04:55:00	24-Dec-22 05:10:00	0.25				
Coal Tar Distillation	24-Dec-22 05:19:00	24-Dec-22 05:27:00	0.13				
Coal Tar Distillation	27-Dec-22 09:08:00	27-Dec-22 11:35:00	2.45				
Coal Tar Distillation	31-Dec-22 15:31:00	31-Dec-22 16:31:00	1.00				

NOTES:

1) For closed vent systems (CVS) under positive pressure subject to 40 CFR 63.983

2) Report times of a CVS under positive pressure subject to 40 CFR 63.983 when maintenance is performed on a car-sealed valve, when the seal is broken, when the bypass line valve position is changed, or when the key for a lock-and-key type configuration has been checked out

IN THE CIRCUIT COURT OF COOK COUNTY, ILLINOIS
COUNTY DEPARTMENT, CHANCERY DIVISION

PEOPLE OF THE STATE OF ILLINOIS,)
ex rel. KWAME RAOUL, Attorney)
General of the State of Illinois,)
)
Plaintiff,)
)
v.) No.
)
KOPPERS, INC., a Pennsylvania)
corporation, and KOPPERS)
CARBON MATERIALS LLC,)
a Pennsylvania limited liability company,)
)
Defendants.)

COMPLAINT FOR INJUNCTIVE RELIEF AND CIVIL PENALTIES

EXHIBIT 3

AUGUST 30, 2023, SEMI-ANNUAL COMPLIANCE REPORT:

TABLE 9: VENT STREAM BYPASS SUMMARY FOR CLOSED VENT SYSTEM

JANUARY 1, 2023-JUNE 30, 2023

TABLE 9: Vent Stream Bypass Summary For Closed Vent Systems [40 CFR 63.999(c)(2)(ii) and (iii)]
Reporting Period: January 01, 2023 through June 30, 2023

MFCU	Start Time	End Time	Duration (hours)	Duration of Maintenance or Other Action ¹			
				Date	Start	End Time	Duration (hours)
Type A Carbon Pitch	10-Jan-23 14:12:00	10-Jan-23 15:39:00	1.5				
Type A Carbon Pitch	20-Jan-23 12:48:00	20-Jan-23 15:56:00	3.1				
Type A Carbon Pitch	20-Jan-23 16:04:00	20-Jan-23 18:08:00	2.0				
Type A Carbon Pitch	20-Jan-23 16:34:00	20-Jan-23 18:06:00	1.7				
Type A Carbon Pitch	20-Jan-23 18:19:00	20-Jan-23 18:11:00	0.0				
Type A Carbon Pitch	20-Jan-23 18:12:00	20-Jan-23 18:13:00	0.0				
Type A Carbon Pitch	01-Feb-23 09:28:00	01-Feb-23 11:33:00	2.1				
Type A Carbon Pitch	01-Mar-23 08:15:00	01-Mar-23 09:56:00	1.7				
Type A Carbon Pitch	01-Mar-23 15:24:00	01-Mar-23 17:14:00	1.9				
Type A Carbon Pitch	02-Mar-23 08:12:00	02-Mar-23 10:37:00	2.2				
Type A Carbon Pitch	13-Mar-23 13:56:00	13-Mar-23 15:51:00	1.9				
Type A Carbon Pitch	28-Mar-23 07:27:00	28-Mar-23 09:34:00	2.1				
Type A Carbon Pitch	27-Mar-23 17:51:00	27-Mar-23 19:02:00	1.2				
Type A Carbon Pitch	03-May-23 09:47:00	03-May-23 11:04:00	1.3				
Type A Carbon Pitch	03-May-23 11:08:00	03-May-23 18:19:00	7.2				
Type A Carbon Pitch	03-May-23 16:32:00	03-May-23 17:21:00	0.9				
Type A Carbon Pitch	03-May-23 17:30:00	03-May-23 18:10:00	1.7				
Type A Carbon Pitch	08-May-23 09:28:00	08-May-23 10:03:00	0.8				
Type A Carbon Pitch	08-Jun-23 08:56:00	08-Jun-23 08:17:00	0.8				
Type A Carbon Pitch	18-Jun-23 18:06:00	18-Jun-23 18:37:00	0.5				
Coal Tar Distillation	02-Jan-23 09:03:00	02-Jan-23 09:20:00	0.3				
Coal Tar Distillation	03-Jan-23 08:47:00	03-Jan-23 09:18:00	0.5				
Coal Tar Distillation	04-Jan-23 21:48:00	04-Jan-23 21:50:00	0.1				
Coal Tar Distillation	04-Jan-23 22:47:00	04-Jan-23 22:50:00	0.1				
Coal Tar Distillation	10-Jan-23 18:56:00	10-Jan-23 18:51:00	0.3				
Coal Tar Distillation	10-Jan-23 18:15:00	10-Jan-23 18:34:00	0.3				
Coal Tar Distillation	10-Jan-23 19:54:00	10-Jan-23 21:07:00	1.2				
Coal Tar Distillation	10-Jan-23 19:54:00	10-Jan-23 21:07:00	1.2				
Coal Tar Distillation	13-Jan-23 13:47:00	13-Jan-23 13:58:00	0.2				
Coal Tar Distillation	17-Jan-23 12:41:00	17-Jan-23 12:48:00	0.1				
Coal Tar Distillation	17-Jan-23 15:09:00	17-Jan-23 15:23:00	0.3				
Coal Tar Distillation	17-Jan-23 18:49:00	17-Jan-23 18:38:00	0.3				
Coal Tar Distillation	17-Jan-23 18:34:00	17-Jan-23 18:39:00	0.1				
Coal Tar Distillation	18-Jan-23 07:07:00	18-Jan-23 07:39:00	0.5				
Coal Tar Distillation	18-Jan-23 09:07:00	18-Jan-23 10:21:00	0.4				
Coal Tar Distillation	18-Jan-23 11:51:00	18-Jan-23 11:56:00	0.1				
Coal Tar Distillation	18-Jan-23 17:35:00	18-Jan-23 17:40:00	0.1				
Coal Tar Distillation	18-Jan-23 17:07:00	18-Jan-23 17:20:00	0.2				
Coal Tar Distillation	20-Jan-23 04:52:00	20-Jan-23 06:00:00	0.4				
Coal Tar Distillation	20-Jan-23 15:23:00	20-Jan-23 15:36:00	0.2				
Coal Tar Distillation	21-Jan-23 19:28:00	21-Jan-23 19:51:00	0.4				
Coal Tar Distillation	23-Jan-23 05:53:00	23-Jan-23 05:58:00	0.1				
Coal Tar Distillation	23-Jan-23 06:11:00	23-Jan-23 07:15:00	1.1				
Coal Tar Distillation	23-Jan-23 06:11:00	23-Jan-23 07:15:00	1.1				
Coal Tar Distillation	23-Jan-23 09:01:00	23-Jan-23 09:07:00	0.9				
Coal Tar Distillation	23-Jan-23 09:43:00	23-Jan-23 09:57:00	0.9				
Coal Tar Distillation	23-Jan-23 12:48:00	23-Jan-23 13:03:00	0.3				
Coal Tar Distillation	24-Jan-23 01:43:00	24-Jan-23 01:49:00	0.1				
Coal Tar Distillation	24-Jan-23 03:13:00	24-Jan-23 03:19:00	0.1				
Coal Tar Distillation	24-Jan-23 05:48:00	24-Jan-23 06:03:00	0.2				
Coal Tar Distillation	24-Jan-23 07:14:00	24-Jan-23 11:07:00	3.9				
Coal Tar Distillation	25-Jan-23 13:37:00	25-Jan-23 13:58:00	0.3				
Coal Tar Distillation	25-Jan-23 22:10:00	25-Jan-23 23:10:00	0.8				
Coal Tar Distillation	25-Jan-23 23:19:00	25-Jan-23 23:10:00	0.8				
Coal Tar Distillation	25-Jan-23 23:41:00	25-Jan-23 23:45:00	0.1				
Coal Tar Distillation	27-Jan-23 09:02:00	27-Jan-23 09:11:00	0.1				
Coal Tar Distillation	27-Jan-23 09:28:00	27-Jan-23 10:24:00	0.9				
Coal Tar Distillation	27-Jan-23 09:28:00	27-Jan-23 10:24:00	0.9				
Coal Tar Distillation	31-Jan-23 03:46:00	31-Jan-23 05:00:00	1.1				
Coal Tar Distillation	31-Jan-23 07:43:00	31-Jan-23 09:04:00	1.2				
Coal Tar Distillation	31-Jan-23 15:03:00	31-Jan-23 15:55:00	0.1				
Coal Tar Distillation	31-Jan-23 18:44:00	31-Jan-23 18:48:00	0.1				
Coal Tar Distillation	01-Feb-23 11:29:00	01-Feb-23 11:57:00	0.5				
Coal Tar Distillation	01-Feb-23 12:57:00	01-Feb-23 13:08:00	0.2				
Coal Tar Distillation	01-Feb-23 18:52:00	01-Feb-23 17:05:00	0.2				
Coal Tar Distillation	02-Feb-23 14:04:00	02-Feb-23 14:29:00	0.4				
Coal Tar Distillation	02-Feb-23 14:54:00	02-Feb-23 15:19:00	0.3				
Coal Tar Distillation	02-Feb-23 15:34:00	02-Feb-23 16:39:00	1.3				
Coal Tar Distillation	02-Feb-23 17:01:00	02-Feb-23 18:19:00	1.3				
Coal Tar Distillation	03-Feb-23 13:28:00	03-Feb-23 13:43:00	0.3				
Coal Tar Distillation	07-Feb-23 06:33:00	07-Feb-23 09:07:00	2.6				
Coal Tar Distillation	07-Feb-23 09:28:00	07-Feb-23 11:52:00	2.4				
Coal Tar Distillation	N/A	N/A	N/A				
Coal Tar Distillation	N/A	N/A	N/A				
Coal Tar Distillation	N/A	N/A	N/A				
Coal Tar Distillation	N/A	N/A	N/A				
Coal Tar Distillation	08-Feb-23 23:12:00	08-Feb-23 23:17:00	0.1				
Coal Tar Distillation	09-Feb-23 11:39:00	09-Feb-23 11:42:00	0.0				
Coal Tar Distillation	09-Feb-23 11:56:00	09-Feb-23 12:07:00	0.2				
Coal Tar Distillation	N/A	N/A	N/A				
Coal Tar Distillation	N/A	N/A	N/A				
Coal Tar Distillation	09-Feb-23 12:55:00	09-Feb-23 13:12:00	0.1				
Coal Tar Distillation	09-Feb-23 13:13:00	09-Feb-23 13:18:00	0.0				
Coal Tar Distillation	09-Feb-23 13:18:00	09-Feb-23 13:19:00	0.0				
Coal Tar Distillation	09-Feb-23 13:30:00	09-Feb-23 14:12:00	0.7				
Coal Tar Distillation	10-Feb-23 03:06:00	10-Feb-23 03:18:00	0.2				
Coal Tar Distillation	12-Feb-23 17:19:00	12-Feb-23 17:27:00	0.1				
Coal Tar Distillation	13-Feb-23 12:44:00	13-Feb-23 12:31:00	0.1				
Coal Tar Distillation	14-Feb-23 09:12:00	14-Feb-23 09:20:00	0.1				
Coal Tar Distillation	14-Feb-23 09:34:00	14-Feb-23 09:42:00	0.1				
Coal Tar Distillation	18-Feb-23 09:37:00	18-Feb-23 09:42:00	0.1				
Coal Tar Distillation	18-Feb-23 12:27:00	18-Feb-23 12:33:00	0.1				
Coal Tar Distillation	18-Feb-23 18:37:00	18-Feb-23 18:43:00	0.1				
Coal Tar Distillation	17-Feb-23 05:42:00	17-Feb-23 04:48:00	0.1				
Coal Tar Distillation	17-Feb-23 07:20:00	17-Feb-23 07:29:00	0.1				
Coal Tar Distillation	17-Feb-23 20:41:00	17-Feb-23 20:41:00	0.1				
Coal Tar Distillation	22-Feb-23 02:08:00	22-Feb-23 02:20:00	0.2				
Coal Tar Distillation	23-Feb-23 07:45:00	23-Feb-23 07:55:00	0.2				
Coal Tar Distillation	23-Feb-23 15:58:00	23-Feb-23 18:21:00	2.4				
Coal Tar Distillation	23-Feb-23 18:21:00	23-Feb-23 19:55:00	1.6				
Coal Tar Distillation	02-Mar-23 17:01:00	02-Mar-23 17:10:00	0.1				
Coal Tar Distillation	05-Mar-23 09:38:00	05-Mar-23 09:47:00	0.1				
Coal Tar Distillation	07-Mar-23 12:47:00	07-Mar-23 12:52:00	0.1				
Coal Tar Distillation	07-Mar-23 21:23:00	07-Mar-23 21:21:00	0.1				
Coal Tar Distillation	08-Mar-23 22:53:00	08-Mar-23 23:13:00	0.3				
Coal Tar Distillation	08-Mar-23 23:18:00	08-Mar-23 23:38:00	0.3				
Coal Tar Distillation	09-Mar-23 08:58:00	09-Mar-23 07:27:00	0.5				
Coal Tar Distillation	10-Mar-23 20:17:00	10-Mar-23 20:30:00	0.2				
Coal Tar Distillation	10-Mar-23 23:54:00	11-Mar-23 00:01:00	0.1				
Coal Tar Distillation	11-Mar-23 02:43:00	11-Mar-23 03:01:00	0.3				
Coal Tar Distillation	12-Mar-23 15:12:00	12-Mar-23 15:59:00	0.1				
Coal Tar Distillation	13-Mar-23 09:20:00	13-Mar-23 09:25:00	0.1				
Coal Tar Distillation	13-Mar-23 11:54:00	13-Mar-23 12:48:00	0.9				
Coal Tar Distillation	13-Mar-23 15:31:00	13-Mar-23 15:45:00	0.2				
Coal Tar Distillation	13-Mar-23 18:48:00	13-Mar-23 15:51:00	0.0				
Coal Tar Distillation	18-Mar-23 15:40:00	18-Mar-23 15:45:00	0.1				
Coal Tar Distillation	20-Mar-23 00:16:00	20-Mar-23 00:27:00	0.2				
Coal Tar Distillation	20-Mar-23 18:14:00	20-Mar-23 18:28:00	0.3				
Coal Tar Distillation	21-Mar-23 23:31:00	21-Mar-23 23:42:00	0.3				

MCPU	Start Time	End Time	Duration (hours)	Duration of Maintenance or Other Action ²			
				Date	Start	End Time	Duration (hours)
Coal Tar Distillation	22-Mar-23 15:10:00	22-Mar-23 15:39:00	0.5				
Coal Tar Distillation	23-Mar-23 08:30:00	23-Mar-23 09:43:00	1.3				
Coal Tar Distillation	24-Mar-23 17:51:00	27-Mar-23 20:39:00	2.7				
Coal Tar Distillation	27-Mar-23 18:46:00	27-Mar-23 20:33:00	1.8				
Coal Tar Distillation	27-Mar-23 20:34:00	28-Mar-23 00:55:00	4.4				
Coal Tar Distillation	28-Mar-23 01:05:00	28-Mar-23 02:10:00	1.1				
Coal Tar Distillation	28-Mar-23 02:10:00	28-Mar-23 03:30:00	1.3				
Coal Tar Distillation	28-Mar-23 14:23:00	28-Mar-23 14:32:00	0.1				
Coal Tar Distillation	28-Mar-23 14:32:00	28-Mar-23 15:02:00	0.3				
Coal Tar Distillation	31-Mar-23 05:41:00	31-Mar-23 05:47:00	0.1				
Coal Tar Distillation	31-Mar-23 15:25:00	31-Mar-23 15:28:00	0.0				
Coal Tar Distillation	03-Apr-23 22:05:00	03-Apr-23 22:14:00	0.1				
Coal Tar Distillation	03-Apr-23 23:28:00	03-Apr-23 23:35:00	0.1				
Coal Tar Distillation	04-Apr-23 11:18:00	04-Apr-23 11:24:00	0.1				
Coal Tar Distillation	04-Apr-23 17:50:00	04-Apr-23 17:59:00	0.1				
Coal Tar Distillation	05-Apr-23 00:17:00	05-Apr-23 00:35:00	0.2				
Coal Tar Distillation	07-Apr-23 02:11:00	07-Apr-23 02:15:00	0.1				
Coal Tar Distillation	07-Apr-23 02:33:00	07-Apr-23 02:47:00	0.1				
Coal Tar Distillation	09-Apr-23 07:30:00	09-Apr-23 07:38:00	0.1				
Coal Tar Distillation	10-Apr-23 10:42:00	10-Apr-23 11:01:00	0.3				
Coal Tar Distillation	13-Apr-23 16:54:00	13-Apr-23 17:50:00	0.9				
Coal Tar Distillation	15-Apr-23 03:26:00	15-Apr-23 03:31:00	0.1				
Coal Tar Distillation	15-Apr-23 12:20:00	15-Apr-23 13:25:00	1.2				
Coal Tar Distillation	15-Apr-23 13:16:00	15-Apr-23 13:17:00	0.1				
Coal Tar Distillation	15-Apr-23 13:17:00	15-Apr-23 13:25:00	0.1				
Coal Tar Distillation	15-Apr-23 13:25:00	15-Apr-23 14:28:00	1.0				
Coal Tar Distillation	15-Apr-23 22:38:00	15-Apr-23 23:38:00	1.0				
Coal Tar Distillation	17-Apr-23 07:37:00	17-Apr-23 07:41:00	0.1				
Coal Tar Distillation	17-Apr-23 07:41:00	17-Apr-23 07:44:00	0.0				
Coal Tar Distillation	17-Apr-23 08:15:00	17-Apr-23 08:16:00	0.1				
Coal Tar Distillation	19-Apr-23 09:38:00	19-Apr-23 09:41:00	0.1				
Coal Tar Distillation	24-Apr-23 17:25:00	24-Apr-23 17:33:00	0.1				
Coal Tar Distillation	27-Apr-23 18:25:00	27-Apr-23 18:49:00	0.4				
Coal Tar Distillation	27-Apr-23 19:23:00	27-Apr-23 19:39:00	0.3				
Coal Tar Distillation	28-Apr-23 09:03:00	28-Apr-23 09:08:00	0.1				
Coal Tar Distillation	28-Apr-23 09:22:00	28-Apr-23 09:28:00	0.1				
Coal Tar Distillation	28-Apr-23 23:27:00	28-Apr-23 23:47:00	0.3				
Coal Tar Distillation	29-Apr-23 07:26:00	29-Apr-23 07:41:00	0.2				
Coal Tar Distillation	30-Apr-23 10:24:00	30-Apr-23 10:38:00	0.2				
Coal Tar Distillation	02-May-23 07:25:00	02-May-23 08:32:00	1.1				
Coal Tar Distillation	02-May-23 08:20:00	02-May-23 08:32:00	0.2				
Coal Tar Distillation	02-May-23 18:17:00	02-May-23 18:50:00	0.6				
Coal Tar Distillation	03-May-23 05:36:00	03-May-23 06:44:00	0.1				
Coal Tar Distillation	04-May-23 14:47:00	04-May-23 14:50:00	0.0				
Coal Tar Distillation	04-May-23 15:05:00	04-May-23 15:10:00	0.1				
Coal Tar Distillation	05-May-23 14:53:00	05-May-23 15:02:00	0.1				
Coal Tar Distillation	05-May-23 01:47:00	05-May-23 01:52:00	0.1				
Coal Tar Distillation	05-May-23 13:01:00	05-May-23 13:07:00	0.1				
Coal Tar Distillation	10-May-23 22:35:00	10-May-23 22:47:00	0.2				
Coal Tar Distillation	12-May-23 21:37:00	12-May-23 21:42:00	0.1				
Coal Tar Distillation	12-May-23 23:26:00	12-May-23 23:31:00	0.1				
Coal Tar Distillation	13-May-23 11:49:00	13-May-23 12:04:00	0.6				
Coal Tar Distillation	15-May-23 12:23:00	15-May-23 12:27:00	0.1				
Coal Tar Distillation	15-May-23 12:30:00	15-May-23 12:38:00	0.1				
Coal Tar Distillation	16-May-23 04:52:00	16-May-23 05:01:00	0.1				
Coal Tar Distillation	17-May-23 07:58:00	17-May-23 08:03:00	0.1				
Coal Tar Distillation	18-May-23 13:57:00	18-May-23 14:12:00	0.2				
Coal Tar Distillation	19-May-23 08:17:00	19-May-23 08:43:00	0.4				
Coal Tar Distillation	19-May-23 12:31:00	19-May-23 13:08:00	1.2				
Coal Tar Distillation	19-May-23 13:36:00	19-May-23 14:43:00	1.2				
Coal Tar Distillation	19-May-23 13:36:00	19-May-23 14:45:00	1.2				
Coal Tar Distillation	19-May-23 13:36:00	19-May-23 14:45:00	1.2				
Coal Tar Distillation	19-May-23 13:36:00	19-May-23 14:45:00	1.2				
Coal Tar Distillation	19-May-23 21:07:00	19-May-23 21:20:00	0.2				
Coal Tar Distillation	21-May-23 18:25:00	21-May-23 18:30:00	0.1				
Coal Tar Distillation	21-May-23 22:18:00	21-May-23 22:25:00	0.1				
Coal Tar Distillation	22-May-23 22:54:00	22-May-23 22:59:00	0.1				
Coal Tar Distillation	23-May-23 08:57:00	23-May-23 10:30:00	1.5				
Coal Tar Distillation	23-May-23 16:39:00	23-May-23 16:53:00	0.2				
Coal Tar Distillation	25-May-23 21:09:00	25-May-23 21:18:00	0.2				
Coal Tar Distillation	26-May-23 14:12:00	26-May-23 14:20:00	0.1				
Coal Tar Distillation	27-May-23 03:00:00	27-May-23 03:31:00	0.1				
Coal Tar Distillation	28-May-23 12:05:00	28-May-23 12:28:00	0.3				
Coal Tar Distillation	28-May-23 12:33:00	28-May-23 13:05:00	0.5				
Coal Tar Distillation	28-May-23 17:47:00	28-May-23 17:54:00	0.1				
Coal Tar Distillation	28-May-23 17:57:00	28-May-23 18:03:00	1.1				
Coal Tar Distillation	28-May-23 18:32:00	28-May-23 18:00:00	0.1				
Coal Tar Distillation	28-May-23 19:00:00	28-May-23 19:03:00	0.0				
Coal Tar Distillation	30-May-23 18:55:00	30-May-23 18:30:00	0.1				
Coal Tar Distillation	01-Jun-23 06:37:00	01-Jun-23 06:42:00	0.1				
Coal Tar Distillation	01-Jun-23 06:47:00	01-Jun-23 06:51:00	0.1				
Coal Tar Distillation	02-Jun-23 01:18:00	02-Jun-23 01:27:00	0.1				
Coal Tar Distillation	04-Jun-23 06:28:00	04-Jun-23 07:07:00	0.7				
Coal Tar Distillation	05-Jun-23 14:38:00	05-Jun-23 14:48:00	0.1				
Coal Tar Distillation	05-Jun-23 06:58:00	05-Jun-23 07:05:00	0.1				
Coal Tar Distillation	06-Jun-23 07:13:00	06-Jun-23 07:18:00	0.1				
Coal Tar Distillation	06-Jun-23 14:28:00	06-Jun-23 14:33:00	0.1				
Coal Tar Distillation	06-Jun-23 14:50:00	06-Jun-23 14:58:00	0.1				
Coal Tar Distillation	06-Jun-23 15:44:00	06-Jun-23 15:53:00	0.1				
Coal Tar Distillation	06-Jun-23 16:42:00	06-Jun-23 16:50:00	0.1				
Coal Tar Distillation	06-Jun-23 16:58:00	06-Jun-23 17:08:00	0.2				
Coal Tar Distillation	06-Jun-23 20:43:00	06-Jun-23 20:49:00	0.1				
Coal Tar Distillation	06-Jun-23 21:06:00	06-Jun-23 21:16:00	0.2				
Coal Tar Distillation	13-Jun-23 05:21:00	13-Jun-23 05:53:00	0.5				
Coal Tar Distillation	13-Jun-23 09:39:00	13-Jun-23 09:44:00	0.1				
Coal Tar Distillation	13-Jun-23 10:04:00	13-Jun-23 10:10:00	0.1				
Coal Tar Distillation	13-Jun-23 11:08:00	13-Jun-23 11:28:00	0.3				
Coal Tar Distillation	13-Jun-23 16:38:00	13-Jun-23 16:43:00	0.1				
Coal Tar Distillation	13-Jun-23 19:36:00	13-Jun-23 19:38:00	0.0				
Coal Tar Distillation	13-Jun-23 21:02:00	13-Jun-23 21:08:00	0.6				
Coal Tar Distillation	13-Jun-23 21:08:00	13-Jun-23 21:11:00	0.0				
Coal Tar Distillation	14-Jun-23 05:34:00	14-Jun-23 05:50:00	0.3				
Coal Tar Distillation	14-Jun-23 06:38:00	14-Jun-23 06:41:00	0.1				
Coal Tar Distillation	14-Jun-23 06:47:00	14-Jun-23 06:52:00	0.1				
Coal Tar Distillation	14-Jun-23 15:34:00	14-Jun-23 15:42:00	0.1				
Coal Tar Distillation	14-Jun-23 21:09:00	14-Jun-23 21:27:00	0.3				
Coal Tar Distillation	14-Jun-23 21:55:00	14-Jun-23 22:13:00	0.3				
Coal Tar Distillation	15-Jun-23 08:41:00	15-Jun-23 08:46:00	0.1				
Coal Tar Distillation	15-Jun-23 08:48:00	15-Jun-23 08:54:00	0.1				
Coal Tar Distillation	15-Jun-23 11:50:00	15-Jun-23 11:55:00	0.1				
Coal Tar Distillation	15-Jun-23 12:07:00	15-Jun-23 12:39:00	0.5				
Coal Tar Distillation	15-Jun-23 14:59:00	15-Jun-23 14:18:00	0.1				
Coal Tar Distillation	15-Jun-23 14:21:00	15-Jun-23 14:28:00	0.1				
Coal Tar Distillation	15-Jun-23 18:18:00	15-Jun-23 18:24:00	0.1				
Coal Tar Distillation	15-Jun-23 23:42:00	15-Jun-23 23:58:00	0.2				
Coal Tar Distillation	16-Jun-23 13:42:00	16-Jun-23 13:47:00	0.1				
Coal Tar Distillation	16-Jun-23 13:54:00	16-Jun-23 13:58:00	0.1				
Coal Tar Distillation	16-Jun-23 09:53:00	16-Jun-23 10:03:00	0.2				
Coal Tar Distillation	16-Jun-23 11:34:00	16-Jun-23 11:44:00	0.2				
Coal Tar Distillation	16-Jun-23 11:47:00	16-Jun-23 12:17:00	0.5				

Not Applicable

MCFU	Start Time	End Time	Duration (hours)	Duration of Maintenance or Other Action ²			
				Date	Start	End Time	Duration (hours)
Cool Tur Disinfection	18-Jun-23 12:38:00	18-Jun-23 12:49:00	0.2				
Cool Tur Disinfection	18-Jun-23 12:57:00	18-Jun-23 13:05:00	0.1				
Cool Tur Disinfection	18-Jun-23 13:07:00	18-Jun-23 14:06:00	1.0				
Cool Tur Disinfection	18-Jun-23 17:59:00	18-Jun-23 18:07:00	1.1				
Cool Tur Disinfection	18-Jun-23 19:22:00	18-Jun-23 19:59:00	0.6				
Cool Tur Disinfection	18-Jun-23 20:17:00	18-Jun-23 20:28:00	0.2				
Cool Tur Disinfection	18-Jun-23 20:29:00	18-Jun-23 21:29:00	1.0				
Cool Tur Disinfection	21-Jun-23 01:58:00	21-Jun-23 02:10:00	0.2				
Cool Tur Disinfection	21-Jun-23 02:11:00	21-Jun-23 02:23:00	0.2				
Cool Tur Disinfection	21-Jun-23 02:40:00	21-Jun-23 02:48:00	0.1				
Cool Tur Disinfection	21-Jun-23 18:19:00	21-Jun-23 19:30:00	0.2				
Cool Tur Disinfection	N/A	N/A	N/A				
Cool Tur Disinfection	22-Jun-23 11:40:00	22-Jun-23 12:51:00	1.2				
Cool Tur Disinfection	N/A	N/A	N/A				
Cool Tur Disinfection	N/A	N/A	N/A				
Cool Tur Disinfection	28-Jun-23 11:49:00	28-Jun-23 11:52:00	0.0				
Cool Tur Disinfection	28-Jun-23 11:53:00	28-Jun-23 11:41:00	0.1				
Cool Tur Disinfection	28-Jun-23 11:49:00	28-Jun-23 11:54:00	0.1				
Cool Tur Disinfection	28-Jun-23 12:57:00	28-Jun-23 13:17:00	0.3				
Cool Tur Disinfection	30-Jun-23 09:14:00	30-Jun-23 09:30:00	0.3				
Cool Tur Disinfection	30-Jun-23 09:32:00	30-Jun-23 10:42:00	1.2				
Cool Tur Disinfection	30-Jun-23 09:32:00	30-Jun-23 10:42:00	1.2				
Cool Tur Disinfection	30-Jun-23 10:49:00	30-Jun-23 10:55:00	0.1				
Cool Tur Disinfection	30-Jun-23 10:59:00	30-Jun-23 11:03:00	0.1				
Cool Tur Disinfection	30-Jun-23 11:07:00	30-Jun-23 11:13:00	0.1				
Cool Tur Disinfection	30-Jun-23 11:21:00	30-Jun-23 11:26:00	0.1				
Cool Tur Disinfection	30-Jun-23 11:29:00	30-Jun-23 11:43:00	0.2				
Cool Tur Disinfection	30-Jun-23 11:57:00	30-Jun-23 12:03:00	0.1				
Cool Tur Disinfection	30-Jun-23 20:32:00	30-Jun-23 20:36:00	0.1				

NOTES:

1) For closed vent systems (CVS) under positive pressure subject to 40 CFR 63.983

2) Report times of a CVS under positive pressure subject to 40 CFR 63.983 when maintenance is performed on a cross-sealed valve, when the seal is broken, when the bypass line valve position is changed, or when the key for a lock-and-key type configuration has been checked out

IN THE CIRCUIT COURT OF COOK COUNTY, ILLINOIS
COUNTY DEPARTMENT, CHANCERY DIVISION

PEOPLE OF THE STATE OF ILLINOIS,)
ex rel. KWAME RAOUL, Attorney)
General of the State of Illinois,)
)
Plaintiff,)
)
v.) No.
)
KOPPERS, INC., a Pennsylvania)
corporation, and KOPPERS)
CARBON MATERIALS LLC,)
a Pennsylvania limited liability company,)
)
Defendants.)

COMPLAINT FOR INJUNCTIVE RELIEF AND CIVIL PENALTIES

EXHIBIT 4

TABLE 1: SUMMARY OF DEVIATIONS

REPORTING PERIOD: AUGUST 12, 2023 THROUGH SEPTEMBER 7, 2023

TABLE 1: Summary of Deviations
Reporting Period: August 12, 2023 through September 7, 2023

Identification of Control Device	Date of Deviation	Duration of Deviation			Cause of the Event	Corrective/Preventive Action Taken
		Start (hh:mm)	Finish (hh:mm)	Total deviation Period (Minutes)		
Tube Heater/Tar TO	August 12, 2023	5:25 PM	6:22 PM	57	Low steam pressure on waste gas	Investigate and Troubleshoot steam pressure
Tube Heater/Tar TO	August 13, 2023	7:44 PM	8:16 PM	32	Low steam pressure on waste gas	Investigate and Troubleshoot steam pressure
Pitch TO	August 14, 2023	11:23 AM	12:00 PM	37	Excess fume loading, Rapid evaporation of condensate in the system due to operator error	Training & corrective action with employee.
Tube Heater/Tar TO	August 14, 2023	3:53 PM	3:57 PM	4	Interruption of environmental controls due to commissioning of back-up control system	Complete Commissioning of back-up control system
Tube Heater/Tar TO	August 16, 2023	2:29 AM	2:32 AM	3	Malfunction of Tubeheater Waste Gas Burning System Components	Complete Commissioning of back-up control system
		8:09 AM	8:36 AM	27	Malfunction of Tubeheater Waste Gas Burning System Components	Complete Commissioning of back-up control system
		8:25 AM	8:53 AM	28	Malfunction of Tubeheater Waste Gas Burning System Components	Complete Commissioning of back-up control system
		11:56 AM	12:18 PM	22	Malfunction of Tubeheater Waste Gas Burning System Components	Complete Commissioning of back-up control system
		1:59 PM	2:08 PM	10	Malfunction of Tubeheater Waste Gas Burning System Components	Complete Commissioning of back-up control system
		6:58 PM	7:05 PM	7	Malfunction of Tubeheater Waste Gas Burning System Components	Complete Commissioning of back-up control system
Tube Heater/Tar TO	August 17, 2023	1:18 AM	1:22 AM	4	Malfunction of Tubeheater Waste Gas Burning System Components	Complete Commissioning of back-up control system
Tube Heater/Tar TO	August 17, 2023	10:10 AM	10:13 AM	3	Interruption of environmental controls due to commissioning of back-up control system	Complete Commissioning of back-up control system
Tube Heater/Tar TO	August 17, 2023	10:19 AM	10:22 AM	3	Interruption of environmental controls due to commissioning of back-up control system	Complete Commissioning of back-up control system
Tube Heater/Tar TO	August 17, 2023	10:27 AM	10:30 AM	3	Interruption of environmental controls due to commissioning of back-up control system	Complete Commissioning of back-up control system
Tube Heater/Tar TO	August 17, 2023	11:24 AM	11:27 AM	3	Interruption of environmental controls due to commissioning of back-up control system	Complete Commissioning of back-up control system
Tube Heater/Tar TO	August 17, 2023	1:39 PM	1:42 PM	3	Interruption of environmental controls due to commissioning of back-up control system	Complete Commissioning of back-up control system
Tube Heater/Tar TO	August 17, 2023	2:37 PM	2:40 PM	3	Interruption of environmental controls due to commissioning of back-up control system	Complete Commissioning of back-up control system
Tube Heater/Tar TO	August 17, 2023	2:41 PM	2:44 PM	3	Interruption of environmental controls due to commissioning of back-up control system	Complete Commissioning of back-up control system
Tube Heater/Tar TO	August 17, 2023	2:48 PM	2:49 PM	3	Interruption of environmental controls due to commissioning of back-up control system	Complete Commissioning of back-up control system
Tube Heater/Tar TO	August 17, 2023	3:04 PM	4:36 PM	92	PLC code issue. Center flash vacuum pump on Unit #2 was used due to west pump needing a coupler sleeve replacement. When center flash vacuum pump is used and unit #1 was down the fumes were allowed to exit.	Software system needs to be updated. Until update is in place, an impairment form is needed.
Tube Heater/Tar TO	August 18, 2023	12:17 AM	12:22 AM	5	Malfunction of Tubeheater Waste Gas Burning System Components	Complete Commissioning of back-up control system

Identification of Control Device	Date of Deviation	Duration of Deviation			Cause of the Event	Corrective/Preventive Action Taken
		Start (hh:mm)	Finish (hh:mm)	Total deviation Period (Minutes)		
Tube Heater/Tar TO	August 18, 2023	3:20 PM	3:23 PM	3	Interruption of environmental controls due to commissioning of back-up control system	Complete Commissioning of back-up control system
		3:41 PM	3:44 PM	3	Interruption of environmental controls due to commissioning of back-up control system or other operational malfunction	Complete Commissioning of back-up control system
Pitch TO	August 18, 2023	5:02 PM	5:34 PM	32	Electrical failure cause TO shutdown, Underground cable failure	Replaced cable
Tube Heater/Tar TO	August 20, 2023	10:04 AM	10:19 AM	15	Malfunction of Tubeheater Waste Gas Burning System Components	Complete Commissioning of back-up control system
Tube Heater/Tar TO	August 21, 2023	10:52 AM	10:57 AM	5	Malfunction of Tubeheater Waste Gas Burning System Components	Complete Commissioning of back-up control system
		6:15 PM	6:43 PM	28	Malfunction of Tubeheater Waste Gas Burning System Components	Complete Commissioning of back-up control system
Tube Heater/Tar TO	August 22, 2023	7:20 AM	7:25 AM	5	Malfunction of Tubeheater Waste Gas Burning System Components	Complete Commissioning of back-up control system
Tube Heater/Tar TO	August 23, 2023	4:00 AM	4:08 AM	8	Malfunction of Tubeheater Waste Gas Burning System Components	Complete Commissioning of back-up control system
		6:08 AM	6:13 AM	7	Malfunction of Tubeheater Waste Gas Burning System Components	Complete Commissioning of back-up control system
Tube Heater/Tar TO	August 24, 2023	2:41 PM	2:44 PM	3	Malfunction of Tubeheater Waste Gas Burning System Components	Complete Commissioning of back-up control system
Tube Heater/Tar TO	August 25, 2023	8:32 AM	8:36 AM	4	Malfunction of Tubeheater Waste Gas Burning System Components	Complete Commissioning of back-up control system
Tube Heater/Tar TO	August 26, 2023	3:05 PM	3:11 PM	6	Malfunction of Tubeheater Waste Gas Burning System Components	Complete Commissioning of back-up control system
		3:39 PM	3:44 PM	5	Malfunction of Tubeheater Waste Gas Burning System Components	Complete Commissioning of back-up control system
Tube Heater/Tar TO	August 26, 2023	5:08 PM	5:16 PM	8	Malfunction of Tubeheater Waste Gas Burning System Components	Complete Commissioning of back-up control system
Tube Heater/Tar TO	August 29, 2023	10:59 AM	11:11 AM	12	Malfunction of Tubeheater Waste Gas Burning System Components	Complete Commissioning of back-up control system
		11:59 AM	12:08 PM	9	Malfunction of Tubeheater Waste Gas Burning System Components	Complete Commissioning of back-up control system
		5:20 PM	5:23 PM	3	Interruption of environmental controls due to commissioning of back-up control system	Complete Commissioning of back-up control system
		5:39 PM	5:45 PM	6	Interruption of environmental controls due to commissioning of back-up control system	Complete Commissioning of back-up control system
		5:50 PM	5:52 PM	2	Interruption of environmental controls due to commissioning of back-up control system	Complete Commissioning of back-up control system
		6:19 PM	6:28 PM	9	Interruption of environmental controls due to commissioning of back-up control system	Complete Commissioning of back-up control system
Tube Heater/Tar TO	August 31, 2023	5:27 PM	5:33 PM	6	Malfunction of Tubeheater Waste Gas Burning System Components	Complete Commissioning of back-up control system
		6:39 PM	6:47 PM	8	Malfunction of Tubeheater Waste Gas Burning System Components	Complete Commissioning of back-up control system
Tube Heater/Tar TO	September 2, 2023	2:03 PM	2:08 PM	5	Malfunction of Tubeheater Waste Gas Burning System Components	Complete Commissioning of back-up control system
Tube Heater/Tar TO	September 4, 2023	5:25 PM	6:02 PM	7	Malfunction of Tubeheater Waste Gas Burning System Components	Complete Commissioning of back-up control system
Tube Heater/Tar TO	September 4, 2023	6:31 PM	6:35 PM	4	Malfunction of Tubeheater Waste Gas Burning System Components	Complete Commissioning of back-up control system
Tube Heater/Tar TO	September 5, 2023	5:30 AM	5:35 AM	5	Malfunction of Tubeheater Waste Gas Burning System Components	Complete Commissioning of back-up control system

IN THE CIRCUIT COURT OF COOK COUNTY, ILLINOIS
COUNTY DEPARTMENT, CHANCERY DIVISION

PEOPLE OF THE STATE OF ILLINOIS,)
ex rel. KWAME RAOUL, Attorney)
General of the State of Illinois,)
)
Plaintiff,)
)
v.) No.
)
KOPPERS, INC., a Pennsylvania)
corporation, and KOPPERS)
CARBON MATERIALS LLC,)
a Pennsylvania limited liability company,)
)
Defendants.)

COMPLAINT FOR INJUNCTIVE RELIEF AND CIVIL PENALTIES

EXHIBIT 5

TABLE 1: SUMMARY OF DEVIATIONS

REPORTING PERIOD: SEPTEMBER 8, 2023 THROUGH OCTOER 7, 2026

Table 1: Summary of Deviations
Reporting Period: September 8, 2023 through October 7, 2023

Date of Deviation	Duration of Deviation			Summary of Deviation				Cause of the Event	Corrective/Preventive Action Taken
	Start (hh:mm)	Finish (hh:mm)	Total deviation Period (Minutes)	Total Deviation Period (hours)	Regulation/Permit Conditions (see footnote)	Emission Rate (lb/hr)	Estimated Emissions (lbs)		
September 8, 2023	1:55 PM	2:06 PM	11	0.183	2.5	58.98	10.8	Malfunction of Tubeheater Waste Gas Burning System Components	Complete Commissioning of back-up control system
September 9, 2023	3:27 AM	3:32 AM	5	0.083	5	58.98	4.9	Malfunction of Tubeheater Waste Gas Burning System Components	Complete Commissioning of back-up control system
September 11, 2023	9:55 AM	9:59 AM	4	0.067	5	58.98	3.9	Malfunction of Tubeheater Waste Gas Burning System Components	Complete Commissioning of back-up control system
September 12, 2023	3:03 AM	3:08 AM	5	0.083	1.3	60.54	5.0	Operational Upsets	Complete Commissioning of back-up control system
September 12, 2023	3:12 AM	3:17 AM	5	0.083	1.3	60.54	5.0	Operational Upsets	Complete Commissioning of back-up control system
September 12, 2023	3:20 AM	3:30 AM	10	0.167	1,2,3	60.54	10.1	Operational Upsets	Complete Commissioning of back-up control system
September 12, 2023	2:00 PM	2:08 PM	8	0.133	1,2,3	60.54	8.1	Operational Upsets	Complete Commissioning of back-up control system
September 14, 2023	12:17 AM	12:26 AM	9	0.150	1,2,3	60.54	9.1	Operational Upsets	Complete Commissioning of back-up control system
September 14, 2023	9:41 AM	9:44 AM	3	0.050	1,3,5	119.52	6.0	Interruption of environmental controls due to commissioning of back-up control system	Complete Commissioning of back-up control system
September 14, 2023	9:49 AM	9:55 AM	6	0.100	1,2,3,5	119.52	12.0	Interruption of environmental controls due to commissioning of back-up control system	Complete Commissioning of back-up control system
September 14, 2023	2:39 PM	2:42 PM	3	0.050	1,3,5	119.52	6.0	Interruption of environmental controls due to commissioning of back-up control system	Complete Commissioning of back-up control system
September 14, 2023	2:50 PM	2:54 PM	4	0.067	1,3,5	119.52	8.0	Interruption of environmental controls due to commissioning of back-up control system	Complete Commissioning of back-up control system
September 14, 2023	3:02 PM	3:09 PM	7	0.117	1,2,3,5	119.52	13.9	Interruption of environmental controls due to commissioning of back-up control system	Complete Commissioning of back-up control system
September 15, 2023	7:59AM	8:07 AM	8	0.133	1,2,3	60.54	8.1	Operational Upsets	Complete Commissioning of back-up control system
September 16, 2023	12:28 AM	12:33 AM	5	0.083	1,5	60.54	5.0	Shutting Down Units, Operator Error	Training & corrective action with employee.
September 16, 2023	1:33 AM	3:20 AM	107	1.783	1	1.56	2.8	Mechanical failure of #2 Vent Circulation Pumps	Fix the Pump and put it back in operation
September 16, 2023	3:20AM	6:40 AM	200	3.333	1	1.26	4.2	Mechanical failure of #2 Vent Circulation Pumps	Fix the Pump and put it back in operation
September 17, 2023	4:14 PM	4:19 PM	5	0.083	1,5	60.54	5.0	Operator Error caused low loop flow and tripped the Tubeheater while bringing the unit up to production	Training & corrective action with employee.
September 18, 2023	9:38 AM	9:41 AM	3	0.050	1,5	60.54	3.0	Operational Upsets	Complete Commissioning of back-up control system
September 20, 2023	4:50 PM	4:56 PM	6	0.100	1,5	60.54	6.1	Operational Upsets	Complete Commissioning of back-up control system
September 20, 2023	5:49 PM	5:52 PM	3	0.050	1	60.54	3.0	Starting Up the unit, Operator Error	Training & corrective action with employee.
September 21, 2023	1:49 PM	1:53 PM	4	0.067	1,5	59.28	4.0	Operational Upsets	Complete Commissioning of back-up control system
September 24, 2023	4:33 PM	4:53 PM	20	0.333	1,2,5	60.54	20.2	Operational Upsets	Complete Commissioning of back-up control system
September 25, 2023	7:37 AM	7:57 AM	20	0.333	1	1.56	0.5	PLC Communication Issues	Complete Commissioning of back-up control system
September 26, 2023	11:02 AM	11:07 AM	5	0.083	1,5	60.54	5.0	Operational Upsets	Complete Commissioning of back-up control system
September 26, 2023	11:39 AM	11:43 AM	4	0.067	1,5	60.54	4.0	Operational Upsets	Complete Commissioning of back-up control system
October 2, 2023	1:58 AM	2:03 AM	4	0.067	1	1.56	0.1	Operational Upsets	Complete Commissioning of back-up control system
October 5, 2023	10:05 AM	10:11 AM	6	0.100	1,5	60.54	6.1	Operational Upsets	Complete Commissioning of back-up control system

Table 1: Summary of Deviations
Reporting Period: September 8, 2023 through October 7, 2023

Date of Deviation	Duration of Deviation			Summary of Deviation				Cause of the Event	Corrective/Preventive Action Taken
	Start (hh:mm)	Finish (hh:mm)	Total deviation Period (Minutes)	Total Deviation Period (hours)	Regulation/Permit Conditions (see footnote)	Emission Rate (lb/hr)	Estimated Emissions (lbs)		
October 5, 2023	11:31 AM	11:34 AM	3	0.050	1	60.54	3.0	Interruption of environmental controls due to commissioning of back-up control system	Complete Commissioning of back-up control system
October 5, 2023	11:44 AM	11:49 AM	5	0.083	1,3	60.54	5.0	Interruption of environmental controls due to commissioning of back-up control system	Complete Commissioning of back-up control system
October 5, 2023	12:09 PM	12:12 PM	3	0.050	1	60.54	3.0	Interruption of environmental controls due to commissioning of back-up control system	Complete Commissioning of back-up control system

Footnotes

Regulation/Permit Conditions

- 1 CP#14100012 - Permit condition 2.2.1.a. (Naphthalene Plant Tanks)
- 2 IAC 35, § 218.301 (VOM emissions <8 lb/hr)
- 3 CP#15080025 - Permit condition 1.a. and/or 5.a. (Tube Heater #1 emission limit)
- 4 CP# 08040005 - Permit condition 1a. (Pitch Tanks)
- 5 CP#1100041 - Permit condition 1.a and/or 5.b. (Tube Heater #2 emission limit)