

**SWCRR  
NORTH PIT OPERATIONS SUMMARY**



Substance Location	TSP (24 hr. avg. max. 100 µg/m³)			PM <sub>2.5</sub> (24 hr. avg. max. 30 µg/m³)			Crystalline Silica (24 hr. avg. max. 5 µg/m³)		
	A1	A2	A3	A1	A2	A3	A1	A2	A3
02-Jun	5.0			1.9	0.0	0.0	0.15	0.00	0.00
03-Jun	3.0			1.1	0.0	0.0	0.09	0.00	0.00
04-Jun	7.0			2.7	0.0	0.0	0.21	0.00	0.00
05-Jun	4.0			1.5	0.0	0.0	0.12	0.00	0.00
06-Jun	10.0	6.0		3.0	1.9	0.0	0.30	0.16	0.00
07-Jun	13.0	10.0		3.0	3.8	0.0	0.36	0.30	0.00
08-Jun	9.0	7.0		1.9	2.7	0.0	0.33	0.21	0.00
09-Jun	2.0	0.0	2.0	0.4	0.0	0.4	0.06	0.00	0.03
10-Jun	3.0	1.0	1.0	0.8	0.4	0.4	0.09	0.03	0.03
11-Jun	6.0	2.0	3.0	1.9	0.8	0.8	0.18	0.06	0.06
12-Jun	10.0	6.0	39.0	3.0	2.3	6.8	0.30	0.18	0.55
13-Jun	12.0	12.0	12.0	3.8	4.2	3.4	0.36	0.33	0.36
14-Jun	3.0	4.0	0.0	1.1	1.1	0.0	0.12	0.12	0.06
15-Jun	0.0	3.0	2.0	0.0	0.8	0.4	0.00	0.09	0.03
16-Jun	0.0	2.0	1.0	0.0	0.4	0.0	0.00	0.06	0.03
17-Jun	0.0	5.0	4.0	0.0	1.1	0.8	0.00	0.12	0.09
18-Jun	0.0	2.0	2.0	0.0	0.8	0.4	0.00	0.06	0.06
19-Jun	0.0	7.0	6.0	0.0	1.1	1.5	0.00	0.18	0.18
20-Jun	0.0	5.0	0.0	0.0	0.8	0.0	0.00	0.12	0.00
21-Jun	1.0	4.0	4.0	0.4	0.4	0.4	0.03	0.12	0.09
22-Jun	1.0	3.0	4.0	0.0	1.1	0.8	0.00	0.06	0.09
23-Jun	3.0	5.0	3.0	1.1	1.5	0.8	0.08	0.15	0.09
24-Jun	6.0	3.0	2.0	2.3	0.8	0.4	0.16	0.09	0.06
25-Jun	8.0	4.0	7.0	2.7	0.8	1.9	0.24	0.09	0.18
26-Jun	3.0	12.0	6.0	1.1	2.7	1.1	0.00	0.33	0.15
27-Jun	3.0	5.0	5.0	1.1	0.8	0.0	0.08	0.15	0.09
28-Jun	2.0	0.0	0.0	0.8	0.0	0.0	0.00	0.00	0.00
29-Jun	5.0	2.0	0.0	1.9	0.4	0.0	0.14	0.06	0.00
30-Jun	4.0	4.0	0.0	1.5	0.8	0.0	0.12	0.12	0.00
01-Jul	3.0	3.0	9.0	1.1	0.4	2.7	0.09	0.09	0.27
02-Jul	11.0	7.0	6.0	4.2	2.3	1.9	0.33	0.21	0.18
03-Jul	11.0	13.0	7.0	4.2	4.6	1.9	0.33	0.40	0.18
04-Jul	4.0	5.0	4.0	1.5	1.1	0.0	0.12	0.15	0.09
05-Jul	6.0	0.0	8.0	2.3	0.0	0.8	0.18	0.00	0.21
06-Jul	9.0	0.0	26.0	3.4	0.0	3.4	0.27	0.00	0.64
07-Jul	6.0	3.0	17.0	2.3	0.0	2.7	0.18	0.09	0.46
08-Jul	13.0	19.0	13.0	4.9	6.5	3.0	0.40	0.58	0.36
09-Jul	15.0	20.0	11.0	5.7	6.5	2.7	0.46	0.58	0.30
10-Jul	19.0	22.0	7.0	7.2	8.4	1.9	0.57	0.67	0.21
11-Jul	22.0	22.0	0.0	8.4	8.4	0.0	0.63	0.67	0.00
12-Jul	40.0	40.0	25.0	15.2	14.8	8.7	1.22	1.22	0.76
13-Jul	16.0	19.0	0.0	6.1	6.8	0.0	0.49	0.58	0.00
14-Jul	11.0	18.0	17.0	4.2	6.1	4.6	0.33	0.55	0.49
15-Jul	13.0	15.0	5.0	4.9	4.9	0.4	0.40	0.46	0.12
16-Jul	59.0	57.0	6.0	22.4	20.9	1.5	1.79	1.70	0.15
17-Jul	158.0	146.0	44.0	60.0	54.7	15.6	4.80	4.44	1.31
18-Jul	47.0	40.0	3.0	16.3	14.1	0.0	1.37	1.22	0.06
19-Jul	123.0	98.0	9.0	44.1	36.5	1.5	3.68	2.95	0.21

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	A1	A2	A3	A1	A2	A3	A1	A2	A3
20-Jul	71.0	65.0	2.0	24.3	21.3	0.0	2.10	1.95	0.03
21-Jul	22.0	14.0	3.0	6.5	4.9	0.4	0.61	0.43	0.06
22-Jul	19.0	14.0	2.0	6.1	5.3	0.0	0.56	0.43	0.06
23-Jul	10.0	4.0	3.0	1.9	1.1	0.4	0.26	0.12	0.06
24-Jul	17.0	2.0	2.0	1.1	0.4	0.4	0.36	0.06	0.06
25-Jul	12.0	6.0	4.0	2.3	1.9	0.4	0.30	0.18	0.09
26-Jul	11.0	11.0	10.0	3.4	3.0	0.8	0.30	0.33	0.24
27-Jul	36.0	30.0	10.0	11.8	10.6	0.8	1.03	0.91	0.21
28-Jul	33.0	29.0	40.0	11.4	10.3	7.1	0.97	0.85	0.84
29-Jul	25.0	22.0		8.7	8.0		0.73	0.67	
30-Jul	71.0	63.0		26.2	23.6		2.13	1.92	
31-Jul	126.0	106.0		46.0	39.9		3.77	3.22	
01-Aug	43.0	35.0	135.4	16.0	12.9	15.0	1.31	1.06	1.64
02-Aug	17.0	14.0	26.5	6.1	5.3	4.8	0.52	0.43	0.67
03-Aug	25.0	20.0	126.8	9.1	7.2	5.2	0.76	0.61	0.95
04-Aug	21.0	8.0	93.0	4.9	3.0	7.9	0.58	0.24	1.29
05-Aug	11.0	9.0		3.8	3.0	0.0	0.33	0.27	
06-Aug	19.0	14.0		6.5	4.9	0.0	0.55	0.43	
07-Aug	30.0	23.0		10.6	8.4	0.0	0.91	0.70	
08-Aug	31.0	24.0	45.7	11.0	8.7	3.6	0.94	0.73	0.56
09-Aug	42.0	29.0	56.9	14.1	10.6	7.3	1.22	0.88	0.95
10-Aug	79.0	27.0	62.6	16.7	9.9	11.6	2.04	0.82	1.09
11-Aug	45.0	18.0	51.8	9.5	6.1	7.8	1.16	0.52	0.93
12-Aug	30.0	19.0		8.7	6.5	0.0	0.85	0.58	
13-Aug	73.0	53.0		25.5	19.8	0.0	1.65	1.61	
14-Aug	208.0	162.0	86.4	78.7	61.6	15.1	6.32	4.92	1.65
15-Aug	90.0	65.0	27.9	33.1	24.7	7.2	2.71	1.98	0.65
16-Aug	88.0	65.0	49.8	31.2	24.3	11.5	2.61	1.98	1.08
17-Aug	133.0	94.0	66.8	47.5	35.3	10.5	3.95	2.86	1.36
18-Aug	64.0	40.0		19.8	14.4	0.0	1.82	1.22	
19-Aug	23.0	15.0		5.3	5.3	0.0	0.61	0.46	
20-Aug	54.0	38.0		18.6	14.1	0.0	1.61	1.12	
21-Aug	34.0	23.0	45.3	10.6	8.4	7.9	0.97	0.70	0.94
22-Aug	29.0	17.0	59.7	8.4	5.7	8.4	0.82	0.52	1.04
23-Aug		20.0	85.1	0.0	6.8	13.6	0.00	0.61	1.54
24-Aug		30.0	107.3	0.0	9.5	15.0	0.00	0.91	1.66
25-Aug	24.0	7.0		5.3	2.3	0.0	0.55	0.21	
26-Aug	61.0	18.0		9.9	6.5	0.0	1.22	0.55	
27-Aug	35.0	27.0		11.0	10.3	0.0	0.97	0.82	
28-Aug	37.0	17.0	56.9	7.6	6.1	8.6	0.85	0.52	0.91
29-Aug	49.0	16.0	566.9	7.6	4.9	171.4	1.00	0.46	14.66
30-Aug	148.0	111.0	584.3	46.7	40.3	182.0	4.04	3.37	15.74
31-Aug	204.0	121.0	581.5	52.4	45.2	54.3	5.05	3.68	7.16
01-Sep	99.0	79.0		31.9	29.3	0.0	2.77	2.40	
02-Sep	121.0	76.0		31.2	27.4	0.0	3.07	2.28	
03-Sep	18.0	12.0		4.6	4.2	0.0	0.46	0.36	
04-Sep	11.0	9.0		3.0	3.0	0.0	0.30	0.24	
05-Sep	45.0	33.0	262.0	12.5	11.4	52.1	1.19	1.00	5.06
06-Sep	104.0	75.0		29.6	27.4	0.0	2.74	2.28	
07-Sep	129.0	104.0	494.9	39.1	38.4	60.9	3.53	3.16	8.86
08-Sep	212.0	153.0		61.9	57.0	0.0	5.65	4.65	

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	A1	A2	A3	A1	A2	A3	A1	A2	A3
09-Sep	75.0	73.0		26.6	27.4	0.0	2.19	2.22	
10-Sep	5.0	3.0		1.1	1.1	0.0	0.12	0.09	
11-Sep	16.0	8.0	131.9	3.0	2.7	16.7	0.36	0.24	1.76
12-Sep	18.0	5.0	65.9	2.3	1.5	6.6	0.33	0.15	0.74
13-Sep	4.0	2.0		1.1	0.8	0.0	0.12	0.06	
14-Sep	6.0	4.0		1.9	1.5	0.0	0.18	0.12	
15-Sep	9.0	8.0		3.0	3.0	0.0	0.27	0.24	
16-Sep	9.0	6.0		3.0	2.3	0.0	0.24	0.18	
17-Sep	22.0	14.0		7.6	5.3	0.0	0.64	0.43	
18-Sep	31.0	13.0	46.2	11.0	4.9	2.4	0.91	0.40	0.50
19-Sep	5.0	3.0	20.7	1.1	1.1	1.4	0.12	0.09	0.36
20-Sep	8.0	2.0	30.3	1.1	0.4	1.3	0.15	0.06	0.36
21-Sep	1.0	0.0	33.5	0.4	0.0	2.4	0.03	0.00	0.48
22-Sep		1.0	22.3	0.0	0.4	0.8	0.00	0.03	0.27
23-Sep	6.0	2.0		1.9	0.4	0.0	0.18	0.03	
24-Sep	6.0	1.0		1.9	0.4	0.0	0.15	0.03	
25-Sep	8.0	0.0	19.9	1.5	0.0	0.5	0.18	0.00	0.33
26-Sep	11.0	1.0	18.4	1.5	0.0	0.5	0.21	0.03	0.40
27-Sep	10.0	1.0	25.3	1.9	0.4	1.3	0.21	0.03	0.22
28-Sep	12.0	5.0	54.4	3.0	1.5	2.8	0.30	0.12	0.70
29-Sep	19.0	7.0	52.2	5.7	2.3	1.8	0.52	0.21	0.65
30-Sep	15.0	2.0		4.6	0.4	0.0	0.43	0.06	
01-Oct	8.0	1.0		1.1	0.0	0.0	0.15	0.00	
02-Oct	6.0	1.0	30.3	0.4	0.0	1.3	0.09	0.03	0.50
03-Oct	4.0	1.0		1.1	0.4	0.0	0.09	0.03	
04-Oct	12.0	2.0		3.8	0.4	0.0	0.21	0.06	
05-Oct	12.0	3.0		3.4	1.1	0.0	0.33	0.09	
06-Oct	8.0	2.0	8.0	2.3	0.4	2.7	0.21	0.06	0.24
07-Oct	2.0	0.0	3.0	0.4	0.0	1.1	0.06	0.00	0.09
08-Oct	3.0	0.0	4.0	0.4	0.0	1.5	0.06	0.00	0.12
09-Oct	5.0	1.0	6.0	1.1	0.4	2.3	0.12	0.03	0.18
10-Oct	12.0	2.0	11.0	3.0	0.8	3.4	0.30	0.06	0.33
11-Oct	7.0	3.0	8.0	2.3	1.1	3.0	0.18	0.09	0.24
12-Oct	6.0	3.0	9.0	2.3	1.1	3.4	0.18	0.09	0.27
13-Oct	15.0	8.0	16.0	5.3	3.0	6.1	0.46	0.24	0.49
14-Oct	13.0	3.0	10.0	2.7	1.1	3.4	0.27	0.09	0.27
15-Oct	3.0	1.0	6.0	0.8	0.0	2.3	0.06	0.03	0.18
16-Oct	5.0	2.0	6.0	0.8	0.4	1.9	0.09	0.03	0.18
17-Oct	11.0	17.0	11.0	0.8	0.8	2.3	0.15	0.40	0.27
18-Oct	3.0	2.0	8.0	0.4	0.4	2.7	0.06	0.06	0.24
19-Oct	8.0	1.0	10.0	1.1	0.0	2.7	0.15	0.00	0.27
20-Oct	12.0	0.0	6.0	1.9	0.0	2.3	0.27	0.00	0.18
21-Oct	3.0	1.0	7.0	0.4	0.4	2.7	0.06	0.03	0.21
22-Oct	1.0	0.0	7.0	0.0	0.0	2.3	0.03	0.00	0.21
23-Oct	2.0	0.0	7.0	0.4	0.0	2.7	0.03	0.00	0.21
24-Oct	6.0		11.0	1.1	0.0	3.8	0.12		0.30
25-Oct	27.0		12.0	3.0	0.0	3.8	0.49		0.33
26-Oct	1.0	8.0	16.0	2.7	2.7	5.7	0.24	0.24	0.49

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	A1	A2	A3	A1	A2	A3	A1	A2	A3
27-Oct	12.0	9.0	15.0	1.9	1.9	4.9	0.24	0.24	0.46
28-Oct	15.0	5.0	15.0	2.3	0.8	4.9	0.30	0.15	0.43
29-Oct	12.0	0.0	12.0	1.1	0.0	4.2	0.21	0.00	0.33
30-Oct	6.0	6.0	13.0	0.8	0.8	4.6	0.12	0.18	0.40
31-Oct	4.0	4.0	15.0	1.1	0.8	5.3	0.12	0.09	0.46
01-Nov	6.0	1.0	14.0	1.1	0.4	5.3	0.15	0.03	0.43
02-Nov	10.0	3.0	17.0	2.7	1.1	6.5	0.24	0.09	0.52
03-Nov	10.0	5.0	21.0	3.0	1.9	8.0	0.24	0.15	0.64
04-Nov	10.0	7.0	23.0	3.4	2.7	8.4	0.30	0.21	0.70
05-Nov	10.0	7.0	23.0	3.8	2.7	8.7	0.30	0.21	0.70
06-Nov	5.0	4.0	18.0	1.9	1.5	6.8	0.15	0.12	0.55
07-Nov	13.0	28.0	28.0	4.6	9.5	9.9	0.36	0.82	0.85
08-Nov	36.0	27.0	52.0	13.3	9.1	19.4	1.06	0.79	1.55
09-Nov	36.0	25.0	39.0	13.7	9.1	14.8	1.09	0.73	1.19
10-Nov	13.0	6.0	26.0	4.2	1.9	9.5	0.36	0.18	0.76
11-Nov	22.0	4.0	25.0	4.9	1.1	9.5	0.55	0.12	0.76
12-Nov	6.0	3.0	23.0	1.5	0.4	8.4	0.15	0.09	0.70
13-Nov	9.0	4.0	25.0	1.9	0.4	8.4	0.21	0.09	0.73
14-Nov	29.0	19.0	52.0	11.0	7.2	19.8	0.88	0.58	1.58
15-Nov	30.0	25.0	58.0	11.0	8.0	20.9	0.91	0.73	1.73
16-Nov	31.0	2.0	56.0	11.8	0.8	20.9	0.94	0.06	1.70
17-Nov	37.0	24.0	63.0	13.7	9.1	23.6	1.09	0.73	1.92
18-Nov	6.0	4.0	29.0	1.9	1.1	11.0	0.15	0.12	0.88
19-Nov	4.0	2.0	28.0	0.8	0.0	9.9	0.09	0.03	0.82
20-Nov	10.0	8.0	38.0	3.4	2.3	14.4	0.30	0.24	1.16
21-Nov	18.0	15.0	51.0	6.5	4.9	18.6	0.55	0.46	1.55
22-Nov	51.0	4.0	32.0	11.4	0.0	11.8	1.00	0.12	0.97
23-Nov	21.0	3.0	34.0	8.0	0.8	12.9	0.64	0.09	1.03
24-Nov		1.0	34.0		0.4	12.5	0.00	0.03	1.03
25-Nov		1.0	36.0		0.0	13.7	0.00	0.03	1.09
26-Nov		1.0	37.0		0.4	14.1	0.00	0.03	1.12
27-Nov		1.0	40.0		0.0	14.8	0.00	0.03	1.19
28-Nov		25.0	53.0		0.4	17.5	0.00	0.58	1.55
29-Nov	15.0	0.0	45.0	5.7	0.0	16.7	0.46	0.00	1.34
30-Nov	14.0	1.0	48.0	5.3	0.0	17.9	0.43	0.03	1.46
01-Dec	3.0	1.0	49.0	0.8	-0.8	18.2	0.09	0.00	1.49
02-Dec	9.0	4.0	57.0	3.0	1.1	21.3	0.24	0.12	1.73
03-Dec	11.0	6.0	61.0	3.8	2.3	22.8	0.30	0.18	1.85
04-Dec	6.0	5.0	54.0	1.9	1.1	19.4	0.18	0.12	1.61
05-Dec	12.9	3.7	38.2	1.4	0.5	13.1	0.28	0.10	1.14
06-Dec	7.1	6.2	9.0	1.3	1.0	1.7	0.17	0.17	0.25
07-Dec	4.8	5.5	8.4	1.2	0.9	1.6	0.13	0.15	0.24
08-Dec	9.0	13.6	12.1	1.8	1.6	2.1	0.23	0.37	0.33
09-Dec	6.8	14.3	7.8	1.7	4.7	1.9	0.18	0.42	0.23
10-Dec	18.2	17.1	20.7	6.1	5.8	7.0	0.53	0.51	0.62
11-Dec	21.7	12.1	17.0	6.1	2.3	5.3	0.60	0.33	0.52



