

**BTM Air Quality Management Strategy
Tarrawonga Coal Mine
Dust Monitoring**

Date	Flixton* PM ₁₀ 24hr Average [µg/m ³]	Operational Response
01-01-23	11.1	No Mining Activities
02-01-23	7.8	No action required
03-01-23	21.4	No action required
04-01-23	20.7	No action required
05-01-23	14.6	No action required
06-01-23	10.6	No action required
07-01-23	10.5	No action required
08-01-23	7.8	No Mining Activities
09-01-23	22.1	No action required
10-01-23	22.1	No action required
11-01-23	23.5	No action required
12-01-23	25.2	No action required
13-01-23	18.8	No action required
14-01-23	15.5	No action required
15-01-23	19.3	No Mining Activities
16-01-23	23.2 (C)	No action required
17-01-23	15.4	No action required
18-01-23	42.2	No action required
19-01-23	16	No action required
20-01-23	8.7	No action required
21-01-23	12.5	No action required
22-01-23	13.1	No Mining Activities
23-01-23	11.8	No action required
24-01-23	15	No action required
25-01-23	21.2	No action required
26-01-23	24.3	No action required
27-01-23	41	No action required
28-01-23	10	No action required
29-01-23	24.5	No Mining Activities
30-01-23	17.4	No action required
31-01-23	7	No action required

(C) – Result recalculated from one hour average due to incomplete data.

S -- Servicing / calibration/ comms problem of unit- no data available

N/A – TEOM Power Outage due to high rainfall.

Note *- Flixton monitor is utilized as an operation management unit in accordance with the approved BTM Air Quality Management Strategy
Therefore No Limits Apply.

**BTM Air Quality Management Strategy
Tarrawonga Coal Mine
Dust Monitoring**

Date	Flixton* PM ₁₀ 24hr Average [$\mu\text{g}/\text{m}^3$]	Operational Response
01-02-23	16.6 (C)	No action required
02-02-23	18.2 (C)	No action required
03-02-23	16.6	No action required
04-02-23	11.5	No action required
05-02-23	10.9	No Mining Activities
06-02-23	21.2	No action required
07-02-23	23.1 (C)	No action required
08-02-23	22.7	No action required
09-02-23	11.5	No action required
10-02-23	13.2	No action required
11-02-23	13.3	No action required
12-02-23	25.8	No Mining Activities
13-02-23	42.3	No action required
14-02-23	17.8	No action required
15-02-23	20.3	No action required
16-02-23	22.2	No action required
17-02-23	29.7	No action required
18-02-23	23.3	No action required
19-02-23	11.1	No Mining Activities
20-02-23	10.1	No action required
21-02-23	20.9	No action required
22-02-23	14.3	No action required
23-02-23	11.2	No action required
24-02-23	11.5	No action required
25-02-23	14.7	No action required
26-02-23	16.4	No Mining Activities
27-02-23	29.4	No action required
28-02-23	16.5 (C)	No action required

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Date	Flixton* PM ₁₀ 24hr Average [µg/m ³]	Operational Response
01-03-23	33.4 (C)	No action required
02-03-23	27	No action required
03-03-23	17.4	No action required
04-03-23	18.8	No action required
05-03-23	24.2	No Mining Activities
06-03-23	36	No action required
07-03-23	39.5	No action required
08-03-23	36.9	No action required
09-03-23	21.7	No action required
10-03-23	36.1	No action required
11-03-23	22.1	No action required
12-03-23	5.5	No Mining Activities
13-03-23	11.9 (C)	No action required
14-03-23	7.2 (C)	No action required
15-03-23	11.9	No action required
16-03-23	16.1	No action required
17-03-23	20.1	No action required
18-03-23	15.4	No action required
19-03-23	18.6	No Mining Activities
20-03-23	26.1	No action required
21-03-23	Power outage	No action required
22-03-23	12	No action required
23-03-23	15.8	No action required
24-03-23	Power outage	No action required
25-03-23	Power outage	No action required
26-03-23	9.3	No Mining Activities
27-03-23	Power outage	No action required
28-03-23	12.3	No action required
29-03-23	8.9	No action required
30-03-23	9.5	No action required
31-03-23	10.3	No action required

(C) – Result recalculated from one hour average due to incomplete data.

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Tarrawonga Coal Mine
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Date	Flixton* PM ₁₀ 24hr Average [µg/m ³]	Operational Response
01-04-23	11	No action required
02-04-23	15.1	No Mining Activities
03-04-23	13.7	No action required
04-04-23	13.7	No action required
05-04-23	14.1	No action required
06-04-23	15.2	No action required
07-04-23	10.7	No action required
08-04-23	10.5	No action required
09-04-23	8	No Mining Activities
10-04-23	9.7	No action required
11-04-23	10.7	No action required
12-04-23	N/A	No action required
13-04-23	15.8	No action required
14-04-23	23	No action required
15-04-23	10.5	No action required
16-04-23	20.7	No Mining Activities
17-04-23	14.9	No action required
18-04-23	18.1	No action required
19-04-23	15.4	No action required
20-04-23	26.8	No action required
21-04-23	16.3	No action required
22-04-23	13.7	No action required
23-04-23	9.9	No Mining Activities
24-04-23	16.4	No action required
25-04-23	11.8	No action required
26-04-23	14.7	No action required
27-04-23	18.2	No action required
28-04-23	18.5	No action required
29-04-23	13.7	No action required
30-04-23	N/A	No Mining Activities

(C) – Result recalculated from one hour average due to incomplete data.

S -- Servicing / calibration/ comms problem of unit- no data available

N/A – TEOM Power Outage due to high rainfall or work on the area.

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Therefore No Limits Apply.

**BTM Air Quality Management Strategy
Tarrawonga Coal Mine
Dust Monitoring**

Date	Flixton* PM ₁₀ 24hr Average [µg/m ³]	Operational Response
01-05-23	4.5 (C)	No action required
02-05-23	9.5	No action required
03-05-23	10.1	No action required
04-05-23	16.5	No action required
05-05-23	19.9	No action required
06-05-23	16.9	No action required
07-05-23	10.2	No Mining Activities
08-05-23	11	No action required
09-05-23	11.4	No action required
10-05-23	21.8	No action required
11-05-23	27.5	No action required
12-05-23	19.4	No action required
13-05-23	22	No action required
14-05-23	21.5	No Mining Activities
15-05-23	16.4	No action required
16-05-23	28.6 (C)	No action required
17-05-23	12.9	No action required
18-05-23	11.2	No action required
19-05-23	18.4	No action required
20-05-23	16	No action required
21-05-23	13.6	No Mining Activities
22-05-23	9.4	No action required
23-05-23	14.3	No action required
24-05-23	19	No action required
25-05-23	30.8	No action required
26-05-23	22.9	No action required
27-05-23	11.4	No action required
28-05-23	9.3	No Mining Activities
29-05-23	16.8	No action required
30-05-23	15.8	No action required
31-05-23	14.3	No action required

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Tarrawonga Coal Mine
Dust Monitoring**

Date	Flixton* PM ₁₀ 24hr Average [$\mu\text{g}/\text{m}^3$]	Operational Response
01-06-23	13.6	No action required
02-06-23	20.1	No action required
03-06-23	21.2	No action required
04-06-23	19.4	No Mining Activities
05-06-23	13.3	No action required
06-06-23	16	No action required
07-06-23	19	No action required
08-06-23	12.9	No action required
09-06-23	7.6	No action required
10-06-23	7.1	No action required
11-06-23	9.7	No Mining Activities
12-06-23	10.6	No action required
13-06-23	9.1	No action required
14-06-23	9.3	No action required
15-06-23	6.6	No action required
16-06-23	6.7	No action required
17-06-23	11.1	No action required
18-06-23	12.6	No Mining Activities
19-06-23	12.2	No action required
20-06-23	7.6	No action required
21-06-23	13.5	No action required
22-06-23	N/A	No action required
23-06-23	7.9	No action required
24-06-23	6	No action required
25-06-23	12.2	No Mining Activities
26-06-23	13.2	No action required
27-06-23	9.6	No action required
28-06-23	9.6	No action required
29-06-23	5.2	No action required
30-06-23	6.6	No action required

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**BTM Air Quality Management Strategy
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Dust Monitoring**

Date	Flixton* PM ₁₀ 24hr Average [$\mu\text{g}/\text{m}^3$]	Operational Response
01-07-23	7.4	No action required
02-07-23	6.6	No Mining Activities
03-07-23	9.8	No action required
04-07-23	5.4	No action required
05-07-23	5.9	No action required
06-07-23	7.7	No action required
07-07-23	7.7	No action required
08-07-23	10.4	No action required
09-07-23	13.4	No Mining Activities
10-07-23	7.8	No action required
11-07-23	7.3	No action required
12-07-23	12.2	No action required
13-07-23	18.6	No action required
14-07-23	13.1	No action required
15-07-23	11	No action required
16-07-23	13.2	No Mining Activities
17-07-23	15.2	No action required
18-07-23	15.5	No action required
19-07-23	8.7	No action required
20-07-23	9.7	No action required
21-07-23	14.6	No action required
22-07-23	5.8	No action required
23-07-23	11.6	No Mining Activities
24-07-23	9.2	No action required
25-07-23	15.4	No action required
26-07-23	10.2	No action required
27-07-23	14.4	No action required
28-07-23	14.3	No action required
29-07-23	18.8	No action required
30-07-23	16.9	No Mining Activities
31-07-23	16	No action required

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Dust Monitoring**

Date	Flixton* PM ₁₀ 24hr Average [$\mu\text{g}/\text{m}^3$]	Operational Response
1/08/2023	14.9	No action required
2/08/2023	21.8	No action required
3/08/2023	11.7	No action required
4/08/2023	17.4	No action required
5/08/2023	19.1	No action required
6/08/2023	15.3	No Mining Activities
7/08/2023	15.5	No action required
8/08/2023	14.1	No action required
9/08/2023	12.9	No action required
10/08/2023	29.4	No action required
11/08/2023	16.5	No action required
12/08/2023	19.5	No action required
13/08/2023	20.8	No Mining Activities
14/08/2023	20.6	No action required
15/08/2023	8.1	No action required
16/08/2023	13.3	No action required
17/08/2023	29.1	No action required
18/08/2023	8.9	No action required
19/08/2023	11.3	No action required
20/08/2023	11.5	No Mining Activities
21/08/2023	15	No action required
22/08/2023	20.8	No action required
23/08/2023	18.3	No action required
24/08/2023	15.1	No action required
25/08/2023	15.6	No action required
26/08/2023	27.3	No action required
27/08/2023	20.4	No Mining Activities
28/08/2023	17.9	No action required
29/08/2023	8.1	No action required
30/08/2023	15.0 (C)	No action required
31/08/2023	9.8	No action required

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Dust Monitoring**

Date	Flixton* PM ₁₀ 24hr Average [$\mu\text{g}/\text{m}^3$]	Operational Response
1/09/2023	9.0	No Action Required – Continue Monitoring
2/09/2023	11.4	No Action Required – Continue Monitoring
3/09/2023	13.3	No mining activities
4/09/2023	20.6	No Action Required – Continue Monitoring
5/09/2023	23.1	No Action Required – Continue Monitoring
6/09/2023	16.7	No Action Required – Continue Monitoring
7/09/2023	22.4	No Action Required – Continue Monitoring
8/09/2023	18.5 (C)	No Action Required – Continue Monitoring
9/09/2023	9.3 (C)	No Action Required – Continue Monitoring
10/09/2023	12.1	No mining activities
11/09/2023	13.5	No Action Required – Continue Monitoring
12/09/2023	11.9	No Action Required – Continue Monitoring
13/09/2023	21.7	No Action Required – Continue Monitoring
14/09/2023	22.6	No Action Required – Continue Monitoring
15/09/2023	18.9	No Action Required – Continue Monitoring
16/09/2023	18.8	No Action Required – Continue Monitoring
17/09/2023	17.9	No mining activities
18/09/2023	24.4	No Action Required – Continue Monitoring
19/09/2023	27	No Action Required – Continue Monitoring
20/09/2023	28.5	No Action Required – Continue Monitoring
21/09/2023	25.4	No Action Required – Continue Monitoring
22/09/2023	18.5	No Action Required – Continue Monitoring
23/09/2023	13.4	No Action Required – Continue Monitoring
24/09/2023	13.2	No mining activities
25/09/2023	19.7	No Action Required – Continue Monitoring
26/09/2023	24.1	No Action Required – Continue Monitoring
27/09/2023	33.6	No Action Required – Continue Monitoring
28/09/2023	25.2	No Action Required – Continue Monitoring
29/09/2023	21.6	No Action Required – Continue Monitoring
30/09/2023		No Action Required – Continue Monitoring

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Date	Flixton* PM ₁₀ 24hr Average [$\mu\text{g}/\text{m}^3$]	Operational Response
1/10/2023	36.2	No Mining Activities
2/10/2023	26.2	No Action Required – Continue Monitoring
3/10/2023	21.3	No Action Required – Continue Monitoring
4/10/2023	30.4 (C)	No Action Required – Continue Monitoring
5/10/2023	NA	Actioned according to management plans – rain up to 14.8mm
6/10/2023	8.2	No Action Required – Continue Monitoring
7/10/2023	8.5	No Action Required – Continue Monitoring
8/10/2023	9.1	No Mining Activities
9/10/2023	14.5	No Action Required – Continue Monitoring
10/10/2023	23.8	No Action Required – Continue Monitoring
11/10/2023	15.2	No Action Required – Continue Monitoring
12/10/2023	42.3	No Action Required – Continue Monitoring
13/10/2023	12.1	No Action Required – Continue Monitoring
14/10/2023	13.8	No Action Required – Continue Monitoring
15/10/2023	14.4	No Mining Activities
16/10/2023	56.2	Actioned according to management plans – Wind speed up to/ exceeding 12m/s
17/10/2023	21.7	No Action Required – Continue Monitoring
18/10/2023	14.0 (C)	No Action Required – Continue Monitoring
19/10/2023	27.3	No Action Required – Continue Monitoring
20/10/2023	22.3	No Action Required – Continue Monitoring
21/10/2023	26.2	No Action Required – Continue Monitoring
22/10/2023	35.8	No Mining Activities
23/10/2023	29.8	No Action Required – Continue Monitoring
24/10/2023	38.8	No Action Required – Continue Monitoring
25/10/2023	41.3	No Action Required – Continue Monitoring
26/10/2023	22	No Action Required – Continue Monitoring
27/10/2023	6.2	No Action Required – Continue Monitoring
28/10/2023	6.2	No Action Required – Continue Monitoring
29/10/2023	10.4	No Mining Activities
30/10/2023	31.1	No Action Required – Continue Monitoring
31/10/2023	27.8	No Action Required – Continue Monitoring

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Dust Monitoring**

Date	Flixton* PM ₁₀ 24hr Average [$\mu\text{g}/\text{m}^3$]	Operational Response
1/11/2023	34.2	No action required – Continue Monitoring
2/11/2023	48.8	No action required – Continue Monitoring
3/11/2023	44.7	No action required – Continue Monitoring
4/11/2023	12.9	No action required – Continue Monitoring
5/11/2023	7.4	No action required – Continue Monitoring
6/11/2023	17.3	No action required – Continue Monitoring
7/11/2023	12.8	No action required – Continue Monitoring
8/11/2023	19.5	No action required – Continue Monitoring
9/11/2023	18.5	No action required – Continue Monitoring
10/11/2023	8.3	No action required – Continue Monitoring
11/11/2023	9.7	No action required – Continue Monitoring
12/11/2023	21.1	No action required – Continue Monitoring
13/11/2023	22.4	No action required – Continue Monitoring
14/11/2023	24.6	No action required – Continue Monitoring
15/11/2023	30.4	No action required – Continue Monitoring
16/11/2023	34.6	No action required – Continue Monitoring
17/11/2023	14.0	No action required – Continue Monitoring
18/11/2023	12.9	No action required – Continue Monitoring
19/11/2023	23.2	No action required – Continue Monitoring
20/11/2023	9.9	No action required – Continue Monitoring
21/11/2023	7.2	No action required – Continue Monitoring
22/11/2023	9.3 (C)	No action required – Continue Monitoring
23/11/2023	6.8	No action required – Continue Monitoring
24/11/2023	7.5	No action required – Continue Monitoring
25/11/2023	6.5	No action required – Continue Monitoring
26/11/2023	11.3	No action required – Continue Monitoring
27/11/2023	9.4	No action required – Continue Monitoring
28/11/2023	9.6	No action required – Continue Monitoring
29/11/2023	12.4	No action required – Continue Monitoring
30/11/2023		No action required – Continue Monitoring

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Dust Monitoring**

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1/12/2023	17.0	No action required – Continue Monitoring
2/12/2023	7.6	No action required – Continue Monitoring
3/12/2023	8.1	No action required – Continue Monitoring
4/12/2023	14.8	No action required – Continue Monitoring
5/12/2023	16.7	No action required – Continue Monitoring
6/12/2023	25.8	No action required – Continue Monitoring
7/12/2023	33.9	No action required – Continue Monitoring
8/12/2023	20.8	No action required – Continue Monitoring
9/12/2023	52.0	Actioned according to Management Plans
10/12/2023	38.4	No action required – Continue Monitoring
11/12/2023	19.6	No action required – Continue Monitoring
12/12/2023	43.2	No action required – Continue Monitoring
13/12/2023	48.8	No action required – Continue Monitoring
14/12/2023	37.7	No action required – Continue Monitoring
15/12/2023	27.3	No action required – Continue Monitoring
16/12/2023	21.1	No action required – Continue Monitoring
17/12/2023	91.2	No mining activities – Bushfires in the Region
18/12/2023	77.7	Continue Monitoring – Bushfires in the Region
19/12/2023	22.4 (C)	No action required – Continue Monitoring
20/12/2023	20.5 (C)	No action required – Continue Monitoring
21/12/2023	6.1 (C)	No action required – Continue Monitoring
22/12/2023	9.9	No action required – Continue Monitoring
23/12/2023	14.6	No action required – Continue Monitoring
24/12/2023	12.6	No action required – Continue Monitoring
25/12/2023	10.6	No action required – Continue Monitoring
26/12/2023	11.1 (C)	No action required – Continue Monitoring
27/12/2023	24.6	No action required – Continue Monitoring
28/12/2023	27.5	No action required – Continue Monitoring
29/12/2023	18.8	No action required – Continue Monitoring
30/12/2023	8.7	No action required – Continue Monitoring
31/12/2023	15.0	No action required – Continue Monitoring

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