

# BTM Air Quality Management Strategy Tarrawonga Coal Mine Dust Monitoring

Date	Flixton* PM <sub>10</sub> 24hr Average [ $\mu\text{g}/\text{m}^3$ ]	Operational Response
1/01/2022	10.4	No action required
2/01/2022	9.4	No Mining Activities
3/01/2022	12.0	No action required
4/01/2022	10.4	No action required
5/01/2022	8.6	No action required
6/01/2022	7.5	No action required
7/01/2022	15.9	No action required
8/01/2022	7.2	No action required
9/01/2022	9.2	No Mining Activities
10/01/2022	12.0	No action required
11/01/2022	15.2	No action required
12/01/2022	15.7	No action required
13/01/2022	15.6	No action required
14/01/2022	12.1	No action required
15/01/2022	27.6	No action required
16/01/2022	N/A	No Mining Activities
17/01/2022	20.3	No action required
18/01/2022	16.8	No action required
19/01/2022	9.8	No Mining Activities
20/01/2022	11.4	No action required
21/01/2022	9.6	No action required
22/01/2022	7.0	No action required
23/01/2022	10.5	No Mining Activities
24/01/2022	8.1	No action required
25/01/2022	15.1	No action required
26/01/2022	10.6	No action required
27/01/2022	7.9	No action required
28/01/2022	8.2	No action required
29/01/2022	13.2	No action required
30/01/2022	10.6	No Mining Activities
31/01/2022	12.9	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.*

*Note 2: Data from the 1<sup>st</sup> to the 20<sup>th</sup> of December 2021 was downloaded from the TEOM after repairs to communications were completed.*

# BTM Air Quality Management Strategy

## Tarrawonga Coal Mine

### Dust Monitoring

Date	Flixton* PM <sub>10</sub> 24hr Average [ $\mu\text{g}/\text{m}^3$ ]	Operational Response
1/02/2022	19.4	No action required
2/02/2022	8.9	No action required
3/02/2022	7.4	No action required
4/02/2022	9.9	No action required
5/02/2022	10.4	No action required
6/02/2022	8.4	No Mining Activities
7/02/2022	10.9	No action required
8/02/2022	13.9	No action required
9/02/2022	14.4	No action required
10/02/2022	22	No action required
11/02/2022	14.2	No action required
12/02/2022	9.5	No action required
13/02/2022	14	No Mining Activities
14/02/2022	12.3	No action required
15/02/2022	12.8	No action required
16/02/2022	19.3	No action required
17/02/2022	27	No action required
18/02/2022	17.6 (C)	No action required
19/02/2022	17.6	No action required
20/02/2022	15.6 (C)	No Mining Activities
21/02/2022	17.3	No action required
22/02/2022	11	No action required
23/02/2022	9.3	No action required
24/02/2022	6.8	No action required
25/02/2022	8.7 (C)	No action required
26/02/2022	10.6	No action required
27/02/2022	7.1	No Mining Activities
28/02/2022	6.5	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.

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# BTM Air Quality Management Strategy Tarrowonga Coal Mine Dust Monitoring

Date	Flixton* PM <sub>10</sub> 24hr Average [µg/m <sup>3</sup> ]	Operational Response
1/03/2022	8.9	No action required
2/03/2022	15.3 (C)	No action required
3/03/2022	10.5 (C)	No action required
4/03/2022	10	No action required
5/03/2022	16.6	No action required
6/03/2022	13.6	No Mining Activities
7/03/2022	7.9	No action required
8/03/2022	12.1	No action required
9/03/2022	9.4	No action required
10/03/2022	10 (C)	No action required
11/03/2022	11.6	No action required
12/03/2022	11.4	No action required
13/03/2022	9.8	No Mining Activities
14/03/2022	12.6	No action required
15/03/2022	14	No action required
16/03/2022	18.7	No action required
17/03/2022	13.8	No action required
18/03/2022	12.4	No action required
19/03/2022	10.9	No action required
20/03/2022	11.7	No Mining Activities
21/03/2022	20.9	No action required
22/03/2022	18.8 (C)	No action required
23/03/2022	23.9	No action required
24/03/2022	23.6	No action required
25/03/2022	10.6	No action required
26/03/2022	7.4	No action required
27/03/2022	9.5	No Mining Activities
28/03/2022	8.6	No action required
29/03/2022	8.5	No action required
30/03/2022	14.2	No action required
31/03/2022	11	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.

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# BTM Air Quality Management Strategy Tarrawonga Coal Mine Dust Monitoring

Date	Flixton* PM <sub>10</sub> 24hr Average [ $\mu\text{g}/\text{m}^3$ ]	Operational Response
1/04/2022	10.6	No action required
2/04/2022	8.9	No action required
3/04/2022	13.1	No Mining Activities
4/04/2022	11.7	No action required
5/04/2022	13.3	No action required
6/04/2022	14.5	No action required
7/04/2022	10.4	No action required
8/04/2022	9.9	No action required
9/04/2022	8.8	No action required
10/04/2022	6.7	No Mining Activities
11/04/2022	10.3	No action required
12/04/2022	17.2	No action required
13/04/2022	14.8	No action required
14/04/2022	10.4	No action required
15/04/2022	7.3	No action required
16/04/2022	9.9	No action required
17/04/2022	9.7	No Mining Activities
18/04/2022	14.9	No action required
19/04/2022	13	No action required
20/04/2022	10.4	No action required
21/04/2022	25.8	No action required
22/04/2022	12.2	No action required
23/04/2022	10	No action required
24/04/2022	8.4	No Mining Activities
25/04/2022	12.7	No action required
26/04/2022	8.1	No action required
27/04/2022	10.5	No action required
28/04/2022	8.8	No action required
29/04/2022	9.9	No action required
30/04/2022	7.6	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.

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# BTM Air Quality Management Strategy

## Tarrawonga Coal Mine

### Dust Monitoring

Date	Flixton* PM <sub>10</sub> 24hr Average [ $\mu\text{g}/\text{m}^3$ ]	Operational Response
1/05/2022	4.7	No Mining Activities
2/05/2022	8.8	No action required
3/05/2022	11.5	No action required
4/05/2022	16.2	No action required
5/05/2022	9.6	No action required
6/05/2022	10.4	No action required
7/05/2022	9.4	No action required
8/05/2022	7.6	No Mining Activities
9/05/2022	14.1	No action required
10/05/2022	12.8	No action required
11/05/2022	8.3	No action required
12/05/2022	7.1	No action required
13/05/2022	6.6	No action required
14/05/2022	7.8	No action required
15/05/2022	7.9	No Mining Activities
16/05/2022	6.5 (C)	No action required
17/05/2022	7.5	No action required
18/05/2022	8.9	No action required
19/05/2022	13.2	No action required
20/05/2022	11.8	No action required
21/05/2022	7.5	No action required
22/05/2022	6	No Mining Activities
23/05/2022	7.5	No action required
24/05/2022	6.8 (C)	No action required
25/05/2022	9.1	No action required
26/05/2022	9.8	No action required
27/05/2022	10	No action required
28/05/2022	8.1 (C)	No action required
29/05/2022	4.1	No Mining Activities
30/05/2022	11.9	No action required
31/05/2022	15.8	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.

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# BTM Air Quality Management Strategy Tarrowonga Coal Mine Dust Monitoring

Date	Flixton* PM <sub>10</sub> 24hr Average [ $\mu\text{g}/\text{m}^3$ ]	Operational Response
1/06/2022	8.1	No action required
2/06/2022	7.2	No action required
3/06/2022	6.9	No action required
4/06/2022	4.9	No action required
5/06/2022	4.8	No Mining Activities
6/06/2022	8.1	No action required
7/06/2022	10.4	No action required
8/06/2022	7.2	No action required
9/06/2022	7.2	No action required
10/06/2022	7	No action required
11/06/2022	4	No action required
12/06/2022	11.5	No Mining Activities
13/06/2022	6.8	No action required
14/06/2022	11.1	No action required
15/06/2022	13	No action required
16/06/2022	20.7	No action required
17/06/2022	10.9	No action required
18/06/2022	8.2	No action required
19/06/2022	9.8	No Mining Activities
20/06/2022	15	No action required
21/06/2022	13.4	No action required
22/06/2022	12.5	No action required
23/06/2022	10.9	No action required
24/06/2022	11.5	No action required
25/06/2022	8.7	No action required
26/06/2022	27	No Mining Activities
27/06/2022	12.3	No action required
28/06/2022	14.3	No action required
29/06/2022	11.7	No action required
30/06/2022	26.4	No action required

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

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# BTM Air Quality Management Strategy

## Tarrawonga Coal Mine

### Dust Monitoring

Date	Flixton* PM <sub>10</sub> 24hr Average [µg/m <sup>3</sup> ]	Operational Response
1/07/2022	17.6	No action required
2/07/2022	9.7	No action required
3/07/2022	8.8	No Mining Activities
4/07/2022	8.9	No action required
5/07/2022	7.2	No action required
6/07/2022	4.7	No action required
7/07/2022	5.6	No action required
8/07/2022	8.6	No action required
9/07/2022	7.5	No action required
10/07/2022	5.7	No Mining Activities
11/07/2022	5.4	No action required
12/07/2022	11	No action required
13/07/2022	7.2	No action required
14/07/2022	7.5	No action required
15/07/2022	7.6	No action required
16/07/2022	9	No action required
17/07/2022	19	No Mining Activities
18/07/2022	8.6	No action required
19/07/2022	7.8	No action required
20/07/2022	6.8	No action required
21/07/2022	5.4	No action required
22/07/2022	6.4	No action required
23/07/2022	8	No action required
24/07/2022	6.5	No Mining Activities
25/07/2022	15.2	No action required
26/07/2022	13.5	No action required
27/07/2022	11.2	No action required
28/07/2022	7.7	No action required
29/07/2022	9	No action required
30/07/2022	8.7(C)	No action required
31/07/2022	9.2(C)	No Mining Activities

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

Date	Flixton* PM <sub>10</sub> 24hr Average [µg/m <sup>3</sup> ]	Operational Response
1/08/2022	8.8	No action required
2/08/2022	7.9	No action required
3/08/2022	11.3	No action required
4/08/2022	13.1	No action required
5/08/2022	5.8	No action required
6/08/2022	7.3	No action required
7/08/2022	5.9	No Mining Activities
8/08/2022	5.5	No action required
9/08/2022	8.4	No action required
10/08/2022	9.4	No action required
11/08/2022	15.4	No action required
12/08/2022	8.5	No action required
13/08/2022	5.6	No action required
14/08/2022	6.5	No Mining Activities
15/08/2022	8.9	No action required
16/08/2022	6.6	No action required
17/08/2022	6.5	No action required
18/08/2022	8.5	No action required
19/08/2022	8.9	No action required
20/08/2022	8.6	No action required
21/08/2022	8.3	No Mining Activities
22/08/2022	19	No action required
23/08/2022	19	No action required
24/08/2022	6.9	No action required
25/08/2022	9.2 (C)	No action required
26/08/2022	5.7	No action required
27/08/2022	10.3	No action required
28/08/2022	9.4	No Mining Activities
29/08/2022	9.2	No action required
30/08/2022	13.9	No action required
31/08/2022	7.3	No action required

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# BTM Air Quality Management Strategy

## Tarrawonga Coal Mine

### Dust Monitoring

Date	Flixton* PM <sub>10</sub> 24hr Average [ $\mu\text{g}/\text{m}^3$ ]	Operational Response
1/09/2022	15.8	No action required
2/09/2022	10.2	No action required
3/09/2022	5.4	No action required
4/09/2022	7.4	No Mining Activities
5/09/2022	8.8	No action required
6/09/2022	10.5	No action required
7/09/2022	12.1	No action required
8/09/2022	8	No action required
9/09/2022	7.4	No action required
10/09/2022	7.8	No action required
11/09/2022	7.8	No Mining Activities
12/09/2022	13.2	No action required
13/09/2022	9.5 (C)	No action required
14/09/2022	12.4	No action required
15/09/2022	13	No action required
16/09/2022	6.8	No action required
17/09/2022	12.7	No action required
18/09/2022	6.5	No Mining Activities
19/09/2022	9	No action required
20/09/2022	9	No action required
21/09/2022	11.3	No action required
22/09/2022	6.7	No action required
23/09/2022	5.5	No action required
24/09/2022	7.6	No action required
25/09/2022	7.7	No Mining Activities
26/09/2022	7	No action required
27/09/2022	9.2	No action required
28/09/2022	10.6	No action required
29/09/2022	8.4	No action required
30/09/2022	9.3	No action required

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

Date	Flixton* PM <sub>10</sub> 24hr Average [µg/m <sup>3</sup> ]	Operational Response
1/10/2022	8.4	No action required
2/10/2022	7.3	No Mining Activities
3/10/2022	9.9	No action required
4/10/2022	19.3	No action required
5/10/2022	11.8	No action required
6/10/2022	6.1	No action required
7/10/2022	9.3	No action required
8/10/2022	9.3	No action required
9/10/2022	7.3	No Mining Activities
10/10/2022	7.8	No action required
11/10/2022	6.5	No action required
12/10/2022	8	No action required
13/10/2022	7.6	No action required
14/10/2022	11.1	No action required
15/10/2022	8.1	No action required
16/10/2022	13.8	No Mining Activities
17/10/2022	14.7	No action required
18/10/2022	11.7	No action required
19/10/2022	8.6	No action required
20/10/2022	6.9	No action required
21/10/2022	5.4	No action required
22/10/2022	7.8	No action required
23/10/2022	6.4	No Mining Activities
24/10/2022	4.8	No action required
25/10/2022	9	No action required
26/10/2022	6.9	No action required
27/10/2022	9.7	No action required
28/10/2022	9.1	No action required
29/10/2022	12.2	No action required
30/10/2022	11.4	No Mining Activities
31/10/2022	27.5	No action required

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

Date	Flixton* PM <sub>10</sub> 24hr Average [µg/m <sup>3</sup> ]	Operational Response
01-11-22	13.3	No action required
02-11-22	7.3	No action required
03-11-22	8	No action required
04-11-22	9.2	No action required
05-11-22	9.1	No action required
06-11-22	7.6	No Mining Activities
07-11-22	8.5	No action required
08-11-22	8.3	No action required
09-11-22	6.9	No action required
10-11-22	8.5	No action required
11-11-22	16	No action required
12-11-22	16	No action required
13-11-22	17.1	No Mining Activities
14-11-22	10.3	No action required
15-11-22	8.4	No action required
16-11-22	8.8	No action required
17-11-22	5.9	No action required
18-11-22	11.4	No action required
19-11-22	19	No action required
20-11-22	27.1	No Mining Activities
21-11-22	16.2	No action required
22-11-22	12.5	No action required
23-11-22	16.8	No action required
24-11-22	16.2	No action required
25-11-22	13.9	No action required
26-11-22	12.3	No action required
27-11-22	30.7	No Mining Activities
28-11-22	28.6	No action required
29-11-22	16.6	No action required
30-11-22	19.2	No action required

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

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Tarrawonga Coal Mine  
Dust Monitoring**

Date	Flixton* PM <sub>10</sub> 24hr Average [µg/m <sup>3</sup> ]	Operational Response
01-12-22	15.1	No action required
02-12-22	11.4	No action required
03-12-22	12.5	No Mining Activities
04-12-22	15.8	No action required
05-12-22	31.1	No action required
06-12-22	9.7	No action required
07-12-22	24.4	No action required
08-12-22	16.6	No action required
09-12-22	20.6	No action required
10-12-22	24	No Mining Activities
11-12-22	22.8	No action required
12-12-22	18.8	No action required
13-12-22	10.5	No action required
14-12-22	14.7	No action required
15-12-22	11.6	No action required
16-12-22	15.7	No action required
17-12-22	12.2	No Mining Activities
18-12-22	11.6	No action required
19-12-22	12.9	No action required
20-12-22	18.5	No action required
21-12-22	21.6	No action required
22-12-22	30.9	No action required
23-12-22	16.9	No action required
24-12-22	8.1	No Mining Activities
25-12-22	7.2	No action required
26-12-22	7.4	No action required
27-12-22	8.5	No action required
28-12-22	13.1	No action required
29-12-22	21.1	No action required
30-12-22	12.9	No action required
31-12-22	11.7	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.

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