



EPL Monitoring

Licence Holder:

Metal Manufactures Limited

Gloucester Boulevard, Port Kembla NSW 2505

EPL Number:

6158

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Stormwater Monitoring Results

| Sample Date | Results Obtained | Published | pH | | | | | Total Suspended Solids (mg/L) | | | | | Oil and Grease (mg/L) | | | | |
|-------------|------------------|------------|-----|-----|-----|-----|-----|-------------------------------|------|-----|------|------|-----------------------|----|----|-----|------|
| | | | 1A | 1B | 2 | 3 | 4 | 1A | 1B | 2 | 3 | 4 | 1A | 1B | 2 | 3 | 4 |
| 31/01/2019 | 8/02/2019 | 18/02/2019 | 8.0 | 8.4 | 8.4 | 8.4 | 8.5 | <5 | <5 | <5 | <5 | 38.0 | <5 | <5 | <5 | <5 | <5 |
| 13/02/2019 | 14/02/2019 | 25/02/2019 | 7.6 | 8.2 | 8.5 | 8.5 | 8.5 | <5 | <5 | <5 | 5.0 | 8.0 | <5 | <5 | <5 | <5 | 7.0 |
| 27/02/2019 | 7/03/2019 | 11/03/2019 | 7.6 | 8.1 | 8.3 | 8.1 | 8.4 | <5 | <5 | <5 | 5.0 | 32.0 | <5 | <5 | <5 | <5 | <5 |
| 18/03/2019 | 26/03/2019 | 8/04/2019 | 7.6 | 7.6 | 8.1 | 7.9 | 8.1 | <5 | <5 | <5 | 15.0 | 28.0 | <5 | <5 | <5 | <5 | <5 |
| 25/03/2019 | 2/04/2019 | 8/04/2019 | 7.4 | 7.9 | 8.2 | 8.1 | 8.4 | <5 | <5 | <5 | 6.0 | 6.0 | <5 | <5 | <5 | <5 | <5 |
| 9/04/2019 | 16/04/2019 | 18/04/2019 | 7.6 | 8.1 | 8.4 | 8.3 | 8.5 | <5 | <5 | <5 | 8.0 | <5 | <5 | <5 | <5 | <5 | 9.0 |
| 30/04/2019 | 9/05/2019 | 13/05/2019 | 7.4 | 8.0 | 8.3 | 8.1 | 8.4 | <5 | <5 | <5 | 9.0 | 9.0 | <5 | <5 | <5 | <5 | 6.0 |
| 14/05/2019 | 14/05/2019 | 24/05/2019 | 7.5 | 8.2 | 8.3 | 8.2 | 8.5 | <5 | <5 | 5.0 | 16.0 | <5 | <5 | <5 | <5 | <5 | <5 |
| 29/05/2019 | 5/06/2019 | 21/06/2019 | 7.7 | 8.2 | 8.2 | 8.2 | 8.6 | <5 | 8.0 | <5 | <5 | 6.0 | <5 | <5 | <5 | <5 | <5 |
| 13/06/2019 | 21/06/2019 | 21/06/2019 | 7.4 | 7.9 | 8.1 | 8.1 | 8.3 | 6.0 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | 10.0 |
| 28/06/2019 | 5/07/2019 | 12/07/2019 | 7.5 | 7.9 | 8.0 | 8.0 | 8.3 | 5.0 | <5 | <5 | 7.0 | 12.0 | <5 | <5 | <5 | <5 | <5 |
| 11/07/2019 | 18/07/2019 | 1/08/2019 | 7.5 | 8.1 | 8.1 | 8.2 | 8.4 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| 31/07/2019 | 9/08/2019 | 22/08/2019 | 7.6 | 8.2 | 7.9 | 8.2 | 8.6 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| 13/08/2019 | 22/08/2019 | 22/08/2019 | 7.8 | 7.9 | 7.9 | 8.3 | 8.5 | 9.0 | <5 | <5 | <5 | 6.0 | <5 | <5 | <5 | <5 | 6.0 |
| 28/08/2019 | 4/09/2019 | 9/09/2019 | 7.4 | 8.1 | 7.9 | 7.9 | 8.4 | 6.0 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| 12/09/2019 | 20/09/2019 | 27/09/2019 | 7.4 | 8.0 | 8.0 | 7.9 | 8.3 | <5 | <5 | 5.0 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| 26/09/2019 | 4/10/2019 | 10/10/2019 | 7.5 | 8.1 | 8.3 | 8.3 | 8.5 | <5 | 10.0 | <5 | 83.0 | <5 | <5 | <5 | <5 | <5 | <5 |
| 15/10/2019 | 24/10/2019 | 4/11/2019 | 7.4 | 7.9 | 8.1 | 8.1 | 8.3 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| 29/10/2019 | 6/11/2019 | 11/11/2019 | 7.8 | 8.3 | 8.2 | 8.1 | 8.5 | <5 | <5 | 6.0 | <5 | 5.0 | <5 | <5 | <5 | <5 | <5 |
| 14/11/2019 | 21/11/2019 | 22/11/2019 | 7.6 | 8.3 | 8.3 | 8.2 | 8.5 | <5 | <5 | <5 | 24.0 | <5 | <5 | <5 | <5 | <5 | <5 |
| 28/11/2019 | 6/12/2019 | 6/12/2019 | 7.5 | 8.1 | 7.9 | 8.1 | 8.4 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | 6.0 | <5 |
| 16/12/2019 | 2/01/2020 | 6/01/2020 | 7.6 | 8.1 | 8.0 | 8.3 | 8.5 | <5 | <5 | 6.0 | 8.0 | <5 | <5 | <5 | <5 | <5 | <5 |
| 9/01/2020 | 15/01/2020 | 23/01/2020 | 7.5 | 8.1 | 7.5 | 8.0 | 8.5 | 6.0 | <5 | 6.0 | <5 | 8.0 | <5 | <5 | <5 | <5 | <5 |
| 30/01/2020 | 6/02/2020 | 6/02/2020 | 7.6 | 8.0 | 8.4 | 8.2 | 8.2 | 6.0 | <5 | 5.0 | 8.0 | 9.0 | 6.0 | <5 | <5 | <5 | <5 |
| 11/02/2020 | 20/02/2020 | 20/02/2020 | 7.6 | 7.7 | 8.1 | 8.0 | 8.1 | <5 | <5 | <5 | 16.0 | 48.0 | <5 | <5 | <5 | <5 | <5 |



Stormwater Monitoring Results - Continued

| Sample Date | Results Obtained | Published | pH | | | | | Total Suspended Solids (mg/L) | | | | | Oil and Grease (mg/L) | | | | |
|-------------|------------------|------------|-----|-----|-----|-----|-----|-------------------------------|------|------|-------|------|-----------------------|-----|-----|-----|-----|
| | | | 1A | 1B | 2 | 3 | 4 | 1A | 1B | 2 | 3 | 4 | 1A | 1B | 2 | 3 | 4 |
| 26/02/2020 | 6/03/2020 | 9/03/2020 | 7.4 | 8.1 | 8.3 | 8.2 | 8.3 | <5 | <5 | <5 | 6.0 | 10.0 | <5 | <5 | <5 | <5 | <5 |
| 19/03/2020 | 27/03/2020 | 31/03/2020 | 7.5 | 7.9 | 8.1 | 8.2 | 8.3 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| 27/03/2020 | 3/04/2020 | 3/04/2020 | 7.6 | 7.9 | 8.2 | 8.0 | 8.5 | <5 | <5 | <5 | 27.0 | 8.0 | <5 | <5 | <5 | <5 | <5 |
| 8/04/2020 | 17/04/2020 | 17/04/2020 | 7.7 | 8.1 | 8.2 | 8.4 | 8.4 | <5 | <5 | <5 | <5 | 61.0 | <5 | <5 | <5 | <5 | 6.0 |
| 14/04/2020 | 20/04/2020 | 27/04/2020 | 7.8 | 8.2 | 8.3 | 8.4 | 8.5 | 5.0 | <5 | <5 | 5.0 | 8.0 | <5 | <5 | <5 | <5 | 5.0 |
| 14/05/2020 | 21/05/2020 | 21/05/2020 | 7.8 | 8.3 | 8.4 | 8.6 | 8.5 | 5.0 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| 27/05/2020 | 4/06/2020 | 5/06/2020 | 7.5 | 8.0 | 8.1 | 8.0 | 8.4 | <5 | <5 | <5 | <5 | 38.0 | <5 | <5 | <5 | <5 | <5 |
| 16/06/2020 | 25/06/2020 | 29/06/2020 | 7.9 | 8.2 | 8.2 | 8.2 | 8.5 | <5 | <5 | <5 | 10.0 | 8.0 | <5 | <5 | <5 | <5 | <5 |
| 29/06/2020 | 6/07/2020 | 9/07/2020 | 7.4 | 8.0 | 7.7 | 7.6 | 8.3 | 7.0 | <5 | 5.0 | 6.0 | <5 | 5.0 | <5 | <5 | <5 | <5 |
| 16/07/2020 | 24/07/2020 | 27/07/2020 | 7.4 | 7.8 | 7.8 | 8.0 | 8.2 | <5 | <5 | <5 | 8.0 | 20.0 | <5 | <5 | <5 | <5 | <5 |
| 30/07/2020 | 6/08/2020 | 17/08/2020 | 7.9 | 7.9 | 8.2 | 8.2 | 8.3 | <5 | <5 | 14.0 | 5.0 | 38.0 | <5 | <5 | <5 | <5 | <5 |
| 18/08/2020 | 27/08/2020 | 7/09/2020 | 7.0 | 7.8 | 8.0 | 7.7 | 8.0 | <5 | <5 | <5 | 150.0 | 8.0 | <5 | <5 | <5 | <5 | <5 |
| 28/08/2020 | 4/09/2020 | 7/09/2020 | 7.4 | 8.1 | 8.0 | 8.0 | 8.3 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| 15/09/2020 | 24/09/2020 | 6/10/2020 | 7.3 | 8.0 | 7.8 | 8.2 | 8.2 | <5 | <5 | <5 | 6.0 | <5 | <5 | <5 | <5 | <5 | <5 |
| 29/09/2020 | 8/10/2020 | 19/10/2020 | 7.6 | 8.2 | 8.1 | 8.3 | 8.4 | 5.0 | <5 | 5.0 | <5 | 18.0 | <5 | <5 | <5 | <5 | <5 |
| 13/10/2020 | 22/10/2020 | 30/10/2020 | 7.7 | 8.3 | 8.3 | 8.4 | 8.5 | <5 | 5.0 | 5.0 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| 28/10/2020 | 6/11/2020 | 6/11/2020 | 7.6 | 7.7 | 8.0 | 8.1 | 8.2 | <5 | <5 | 8.0 | 10.0 | 12.0 | <5 | <5 | <5 | <5 | <5 |
| 12/11/2020 | 19/11/2020 | 20/11/2020 | 7.6 | 8.1 | 8.3 | 8.4 | 8.4 | <5 | <5 | 6.0 | 5.0 | 24.0 | <5 | <5 | <5 | <5 | <5 |
| 25/11/2020 | 3/12/2020 | 3/12/2020 | 7.6 | 8.1 | 8.1 | 8.1 | 8.4 | 5.0 | 6.0 | <5 | <5 | 42.0 | <5 | <5 | <5 | <5 | <5 |
| 10/12/2020 | 18/12/2020 | 18/12/2020 | 7.5 | 8.2 | 8.1 | 8.4 | 8.4 | <5 | <5 | 6.0 | 8.0 | 32.0 | <5 | <5 | <5 | <5 | <5 |
| 22/12/2020 | 7/01/2021 | 18/01/2021 | 7.6 | 7.7 | 8.1 | 7.8 | 8.2 | 6.0 | <5 | <5 | 10.0 | 12.0 | <5 | <5 | <5 | <5 | <5 |
| 19/01/2021 | 28/01/2021 | 29/01/2021 | 7.3 | 8.0 | 7.9 | 7.9 | 8.2 | 8.0 | 12.0 | 13.0 | 60.0 | 21.0 | <5 | 5.0 | <5 | <5 | <5 |
| 28/01/2021 | 5/02/2021 | 8/02/2021 | 7.4 | 7.8 | 8.0 | 7.7 | 8.3 | <5 | <5 | <5 | 6.0 | 11.0 | 6.0 | 6.0 | 6.0 | 6.0 | 8.0 |
| 9/02/2021 | 18/02/2021 | 22/02/2021 | 7.5 | 8.1 | 8.2 | 8.1 | 8.4 | 6.0 | <5 | <5 | <5 | 8.0 | <5 | <5 | <5 | <5 | <5 |
| 25/02/2021 | 5/03/2021 | 8/03/2021 | 8.3 | 8.4 | 8.4 | 8.3 | 8.6 | <5 | <5 | <5 | 10.0 | 10.0 | <5 | <5 | <5 | <5 | <5 |
| 10/03/2021 | 18/03/2021 | 26/03/2021 | 7.5 | 8.1 | 8.3 | 8.3 | 8.4 | <5 | <5 | 10.0 | 10.0 | 6.0 | <5 | <5 | <5 | <5 | <5 |



Stormwater Monitoring Results - Continued

| Sample Date | Results Obtained | Published | pH | | | | | Total Suspended Solids (mg/L) | | | | | Oil and Grease (mg/L) | | | | |
|-------------|------------------|------------|-----|-----|-----|-----|-----|-------------------------------|-----|------|------|-------|-----------------------|-----|----|-----|------|
| | | | 1A | 1B | 2 | 3 | 4 | 1A | 1B | 2 | 3 | 4 | 1A | 1B | 2 | 3 | 4 |
| 25/03/2021 | 1/04/2021 | 9/04/2021 | 7.8 | 7.7 | 8.2 | 8.0 | 8.2 | <5 | <5 | 48.0 | <5 | 54.0 | <5 | <5 | <5 | <5 | <5 |
| 14/04/2021 | 22/04/2021 | 10/04/2021 | 7.2 | 8.0 | 7.9 | 8.1 | 8.0 | 28.0 | <5 | <5 | 16.0 | 6.0 | <5 | <5 | <5 | <5 | <5 |
| 27/04/2021 | 4/05/2021 | 6/05/2021 | 7.7 | 8.1 | 8.2 | 8.2 | 8.3 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| 11/05/2021 | 20/05/2021 | 24/05/2021 | 7.5 | 8.0 | 8.3 | 8.3 | 8.3 | <5 | <5 | <5 | 18.0 | 20.0 | <5 | <5 | <5 | <5 | <5 |
| 26/05/2021 | 3/06/2021 | 7/06/2021 | 7.9 | 8.2 | 8.3 | 8.2 | 8.2 | 8.0 | <5 | <5 | <5 | 8.0 | <5 | <5 | <5 | <5 | <5 |
| 10/06/2021 | 21/06/2021 | 28/06/2021 | 7.6 | 8.1 | 8.0 | 8.4 | 8.3 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| 3/06/2021 | 7/07/2021 | 19/06/2021 | 7.5 | 8.0 | 8.0 | 7.8 | 8.3 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| 15/07/2021 | 23/07/2021 | 5/08/2021 | 7.7 | 8.1 | 8.2 | 8.3 | 8.4 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| 28/07/2021 | 5/08/2021 | 5/08/2021 | 7.5 | 8.1 | 8.0 | 8.4 | 8.4 | 5.0 | <5 | <5 | 5.0 | 10.0 | <5 | <5 | <5 | <5 | <5 |
| 16/08/2021 | 23/08/2021 | 7/09/2021 | 7.4 | 7.9 | 7.9 | 8.2 | 8.2 | 5.0 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| 30/08/2021 | 3/09/2021 | 17/09/2021 | 7.6 | 8.1 | 8.1 | 8.3 | 8.3 | <5 | <5 | <5 | 6.0 | <5 | <5 | <5 | <5 | <5 | <5 |
| 22/09/2021 | 30/09/2021 | 30/09/2021 | 7.5 | 8.1 | 8.0 | 8.3 | 8.3 | 9.0 | 7.0 | <5 | <5 | 35.0 | <5 | <5 | <5 | <5 | <5 |
| 30/09/2021 | 8/10/2021 | 20/10/2021 | 7.7 | 8.2 | 8.1 | 8.4 | 8.4 | <5 | 8.0 | <5 | <5 | 6.0 | <5 | <5 | <5 | <5 | <5 |
| 20/10/2021 | 28/10/2021 | 1/11/2021 | 7.8 | 8.4 | 8.2 | 8.1 | 8.5 | 6.0 | <5 | <5 | <5 | 100.0 | <5 | <5 | <5 | <5 | <5 |
| 28/10/2021 | 5/11/2021 | 19/11/2021 | 7.5 | 8.0 | 8.1 | 8.3 | 8.4 | <5 | <5 | 6.0 | 6.0 | 10.0 | <5 | <5 | <5 | <5 | <5 |
| 16/11/2021 | 19/11/2021 | 19/11/2021 | 7.5 | 8.0 | 8.2 | 8.2 | 8.4 | <5 | <5 | <5 | 87.0 | 9.0 | <5 | <5 | <5 | <5 | <5 |
| 30/11/2021 | 7/12/2021 | 20/12/2021 | 7.3 | 7.7 | 7.9 | 8.1 | 8.1 | 18.0 | <5 | <5 | 16.0 | 18.0 | <5 | <5 | <5 | <5 | <5 |
| 9/12/2021 | 17/12/2021 | 20/12/2021 | 7.0 | 7.7 | 7.6 | 7.4 | 7.9 | <5 | <5 | <5 | <5 | 7.0 | <5 | <5 | <5 | <5 | <5 |
| 22/12/2021 | 10/01/2022 | 11/01/2022 | 7.3 | 7.9 | 8.1 | 8.1 | 8.3 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| 25/01/2022 | 1/02/2022 | 1/02/2022 | 7.6 | 7.6 | 8.1 | 8.2 | 8.3 | <5 | <5 | <5 | 10.0 | 6.0 | <5 | <5 | <5 | <5 | <5 |
| 31/01/2022 | 7/02/2022 | 11/02/2022 | 7.3 | 7.9 | 8.1 | 8.2 | 8.3 | <5 | <5 | <5 | 10.0 | 8.0 | <5 | <5 | <5 | <5 | 12.0 |
| 17/02/2022 | 25/02/2022 | 1/03/2022 | 7.8 | 7.5 | 8.2 | 8.2 | 8.3 | <5 | <5 | <5 | 8.0 | 12.0 | <5 | <5 | <5 | <5 | 7.0 |
| 28/02/2022 | 8/03/2022 | 14/03/2022 | 7.5 | 7.5 | 7.8 | 7.9 | 8.0 | <5 | <5 | 8.0 | 7.0 | 96.0 | <5 | <5 | <5 | <5 | <5 |
| 14/03/2022 | 24/03/2022 | 25/03/2022 | 7.2 | 7.8 | 8.1 | 8.0 | 8.2 | <5 | <5 | 14.0 | 12.0 | <5 | <5 | 6.0 | <5 | 8.0 | 9.0 |
| 30/03/2022 | 7/04/2022 | 11/04/2022 | 7.4 | 7.6 | 8.0 | 7.9 | 8.0 | <5 | <5 | <5 | 12.0 | 210.0 | <5 | <5 | <5 | <5 | <5 |



Stormwater Monitoring Results - Continued

| Sample Date | Results Obtained | Published | pH | | | | | Total Suspended Solids (mg/L) | | | | | Oil and Grease (mg/L) | | | | |
|-------------|------------------|------------|-----|-----|-----|-----|-----|-------------------------------|----|------|------|------|-----------------------|----|-----|------|-----|
| | | | 1A | 1B | 2 | 3 | 4 | 1A | 1B | 2 | 3 | 4 | 1A | 1B | 2 | 3 | 4 |
| 29/04/2022 | 6/05/2022 | 10/05/2022 | 7.3 | 7.7 | 7.9 | 7.7 | 8.0 | <5 | <5 | <5 | <5 | 20.0 | <5 | <5 | <5 | <5 | <5 |
| 12/05/2022 | 23/05/2022 | 26/05/2022 | 7.5 | 7.6 | 7.9 | 7.9 | 7.7 | <5 | <5 | 8.0 | 8.0 | 30.0 | <5 | <5 | <5 | <5 | <5 |
| 24/05/2022 | 2/06/2022 | 10/06/2022 | 7.4 | 7.5 | 7.9 | 7.8 | 8.0 | <5 | <5 | 5.0 | 10.0 | 59.0 | <5 | <5 | <5 | <5 | <5 |
| 31/05/2022 | 9/06/2022 | 10/06/2022 | 7.5 | 8.2 | 8.2 | 8.2 | 8.3 | <5 | <5 | <5 | 5.0 | 19.0 | <5 | <5 | <5 | 15.0 | <5 |
| 9/06/2022 | 21/06/2022 | 30/06/2022 | 7.5 | 8.1 | 8.0 | 8.1 | 8.3 | 11.0 | <5 | 24.0 | 20.0 | 29.0 | <5 | <5 | <5 | <5 | <5 |
| 29/06/2022 | 7/07/2022 | 12/07/2022 | 7.7 | 8.1 | 8.1 | 8.0 | 8.2 | 16.0 | <5 | <5 | 18.0 | <5 | <5 | <5 | <5 | <5 | <5 |
| 12/07/2022 | 18/07/2022 | 13/07/2022 | 7.6 | 8.1 | 8.1 | 8.1 | 8.2 | 13.0 | <5 | <5 | 10.0 | <5 | <5 | <5 | <5 | 5.0 | <5 |
| 27/07/2022 | 4/08/2022 | 16/08/2022 | 7.4 | 8.1 | 8.3 | 8.2 | 8.3 | 12.0 | <5 | <5 | 12.0 | 21.0 | <5 | <5 | <5 | <5 | <5 |
| 16/08/2022 | 24/08/2022 | 7/09/2022 | 7.5 | 8.1 | 8.2 | 8.1 | 8.3 | <5 | <5 | <5 | <5 | 7.0 | <5 | <5 | <5 | <5 | <5 |
| 30/08/2022 | 7/09/2022 | 7/09/2022 | 7.4 | 8.1 | 8.0 | 7.6 | 8.0 | <5 | <5 | <5 | <5 | 39.0 | <5 | <5 | <5 | <5 | <5 |
| 7/09/2022 | 15/09/2022 | 15/09/2022 | 8.1 | 7.8 | 8.3 | 8.2 | 8.4 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| 21/09/2022 | 30/09/2022 | 4/10/2022 | 7.5 | 8.1 | 8.0 | 7.9 | 8.3 | 15.0 | <5 | 6.0 | 8.0 | <5 | <5 | <5 | <5 | <5 | <5 |
| 13/10/2022 | 20/10/2022 | 24/10/2022 | 7.4 | 7.8 | 8.2 | 8.0 | 8.1 | <5 | <5 | <5 | 12.0 | 12.0 | <5 | <5 | <5 | <5 | <5 |
| 26/10/2022 | 3/11/2022 | 10/11/2022 | 7.5 | 7.7 | 8.1 | 8.1 | 8.2 | <5 | <5 | <5 | 12.0 | 76.0 | <5 | <5 | <5 | <5 | <5 |
| 9/11/2022 | 18/11/2022 | 2/12/2022 | 7.2 | 8.0 | 8.2 | 8.2 | 8.3 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| 23/11/2022 | 2/12/2022 | 2/12/2022 | 7.3 | 8.0 | 8.1 | 8.2 | 8.3 | <5 | <5 | <5 | 12.0 | 22.0 | <5 | <5 | <5 | <5 | <5 |
| 7/12/2022 | 16/12/2022 | 16/12/2022 | 7.4 | 8.1 | 8.1 | 8.3 | 8.4 | 6.0 | <5 | <5 | <5 | 6.0 | <5 | <5 | <5 | <5 | <5 |
| 21/12/2022 | 10/01/2022 | 16/01/2023 | 7.4 | 8.1 | 8.1 | 8.3 | 8.4 | 6.0 | <5 | <5 | <5 | 16.0 | <5 | <5 | <5 | <5 | <5 |
| 3/01/2023 | 11/01/2023 | 20/01/2023 | 7.5 | 7.9 | 8.2 | 8.3 | 8.3 | <5 | <5 | <5 | 5.0 | 75.0 | <5 | <5 | <5 | <5 | 9.0 |
| 19/01/2023 | 27/01/2023 | 31/01/2023 | 7.7 | 8.2 | 8.2 | 8.3 | 8.4 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| 8/02/2023 | 17/02/2023 | 24/02/2023 | 7.3 | 8.0 | 8.3 | 8.2 | 8.4 | <5 | <5 | <5 | <5 | 10.0 | <5 | <5 | <5 | <5 | <5 |
| 28/02/2023 | 9/03/2022 | 9/03/2023 | 7.3 | 8.0 | 8.1 | 8.2 | 8.3 | <5 | <5 | <5 | <5 | 86.0 | <5 | <5 | <5 | <5 | 5.0 |
| 15/03/2023 | 24/03/2023 | 3/04/2023 | 7.7 | 7.8 | 8.1 | 8.1 | 8.2 | 6.0 | <5 | <5 | 19.0 | 12.0 | <5 | <5 | 6.0 | <5 | <5 |
| 29/03/2023 | 11/04/2023 | 12/04/2023 | 7.4 | 8.0 | 8.2 | 7.9 | 8.0 | <5 | <5 | 48.0 | <5 | 12.0 | <5 | <5 | <5 | <5 | <15 |

Only one sample taken during April 2022 due to training of new staff and overlapping annual leave around the plant shut. Additional samples taken during May 2022



Stormwater Monitoring Results - Continued

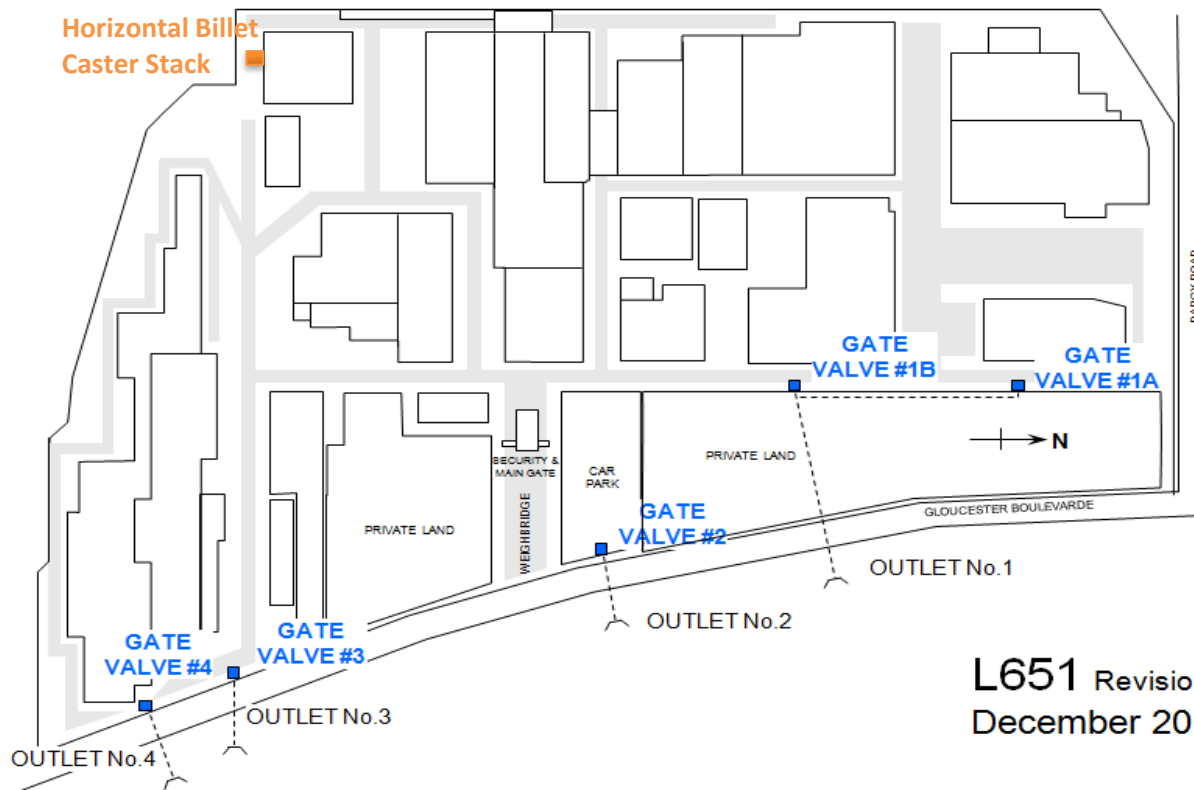
| Sample Date | Results Obtained | Published | pH | | | | | Total Suspended Solids (mg/L) | | | | | Oil and Grease (mg/L) | | | | |
|-------------|------------------|------------|-----|-----|-----|-----|-----|-------------------------------|------|------|------|--------|-----------------------|-----|-----|------|-----|
| | | | 1A | 1B | 2 | 3 | 4 | 1A | 1B | 2 | 3 | 4 | 1A | 1B | 2 | 3 | 4 |
| 12/04/2023 | 21/04/2023 | 24/04/2023 | 7.4 | 8.1 | 8.2 | 8.2 | 8.3 | <4 | <5 | <5 | <5 | 14.0 | <5 | <5 | 5.0 | <5 | <5 |
| 26/04/2023 | 8/05/2023 | 12/05/2023 | 7.3 | 7.9 | 8.1 | 8.0 | 8.2 | <5 | 8.0 | <5 | 11.0 | 48.0 | <5 | <5 | <5 | 13.0 | <5 |
| 4/05/2023 | 12/05/2023 | 12/05/2023 | 7.2 | 7.8 | 7.9 | 7.9 | 8.1 | <5 | <5 | <5 | 18.0 | <5 | <5 | <5 | <5 | 27.0 | <5 |
| 31/05/2023 | 9/06/2023 | 19/06/2023 | 7.3 | 8.0 | 7.9 | 8.2 | 8.4 | <5 | <5 | 8.0 | <5 | 12.0 | <5 | <5 | <5 | <5 | <5 |
| 14/06/2023 | 23/06/2023 | 26/06/2023 | 7.3 | 8.0 | 8.1 | 8.2 | 8.3 | 8.0 | <5 | 15.0 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| 27/06/2023 | 6/07/2023 | 20/07/2023 | 7.2 | 7.9 | 8.0 | 8.1 | 8.3 | <5 | <5 | <5 | 8.0 | 14.0 | <5 | <5 | <5 | <5 | <5 |
| 11/07/2023 | 20/07/2023 | 31/07/2023 | 7.2 | 8.0 | 8.0 | 8.2 | 8.4 | <5 | <5 | 8.0 | 6.0 | 15.0 | <5 | <5 | <5 | <5 | <5 |
| 26/07/2023 | 17/08/2023 | 14/08/2023 | 7.2 | 7.9 | 7.6 | 7.9 | 8.2 | <5 | <5 | 38.0 | <5 | <5 | <5 | <5 | <5 | <5 | <5 |
| 10/08/2023 | 17/08/2023 | 18/08/2023 | 7.9 | 8.3 | 8.3 | 8.3 | 8.6 | <5 | <5 | <5 | 6.0 | 8.0 | <5 | <5 | <5 | <5 | <5 |
| 23/08/2023 | 31/08/2023 | 14/09/2023 | 7.3 | 8.1 | 7.8 | 7.6 | 8.3 | <5 | <5 | <5 | 16.0 | 82.0 | <5 | <5 | <5 | <5 | <5 |
| 14/09/2023 | 22/09/2023 | 5/10/2023 | 7.6 | 8.2 | 8.1 | 7.9 | 8.5 | 5.0 | <5 | <5 | 72.0 | 11.0 | <5 | <5 | <5 | <5 | <5 |
| 28/09/2023 | 6/10/2023 | 6/10/2023 | 7.4 | 8.2 | 7.9 | 7.8 | 8.4 | 5.0 | <5 | <5 | 8.0 | 22.0 | <5 | <5 | <5 | <5 | <5 |
| 11/10/2023 | 19/10/2023 | 24/10/2023 | 7.4 | 8.2 | 8.2 | 8.2 | 8.4 | <5 | <5 | <5 | <5 | 46.0 | <5 | <5 | <5 | <5 | <5 |
| 25/10/2023 | 2/11/2023 | 16/11/2023 | 7.1 | 8.1 | 8.0 | 8.2 | 8.3 | <5 | 10.0 | <5 | <5 | 24.0 | <5 | <5 | <5 | <5 | <5 |
| 9/11/2023 | 16/11/2023 | 16/11/2023 | 7.3 | 7.8 | 8.1 | 8.0 | 8.2 | <5 | <5 | <5 | 9.0 | 98.0 | <5 | <5 | <5 | <5 | <5 |
| 27/11/2023 | 6/12/2023 | 14/12/2023 | 7.4 | 8.0 | 8.2 | 8.3 | 8.4 | <5 | <5 | <5 | 16.0 | 10.0 | <5 | <5 | <5 | <5 | <5 |
| 7/12/2023 | 14/12/2023 | 22/12/2023 | 7.4 | 8.2 | 8.4 | 8.3 | 8.4 | 30.0 | <5 | <5 | 14.0 | 25.0 | 11.0 | <5 | <5 | <5 | 7.0 |
| 27/12/2024 | 10/01/2024 | 23/12/2023 | 7.6 | 7.6 | 8.2 | 8.1 | 7.9 | 8.0 | <5 | <5 | 43.0 | 1300.0 | <5 | <5 | <5 | <5 | 9.0 |
| 17/01/2024 | 25/01/2024 | 7/02/2024 | 7.5 | 8.3 | 8.2 | 8.0 | 8.5 | <5 | <5 | <5 | <5 | 74.0 | <5 | <5 | <5 | <5 | <5 |
| 31/01/2024 | 8/02/2024 | 22/02/2024 | 7.3 | 8.2 | 8.3 | 8.5 | 8.4 | 20.0 | <5 | <5 | <5 | 6.0 | <5 | <5 | <5 | <5 | <5 |
| 13/02/2024 | 21/02/2024 | 27/02/2024 | 7.1 | 8.0 | 8.3 | 8.4 | 8.5 | 47.0 | <5 | <5 | <5 | <5 | 6.0 | <5 | <5 | <5 | <5 |
| 29/05/2024 | 6/03/2024 | 19/03/2024 | 7.5 | 8.3 | 8.4 | 8.4 | 8.5 | 19.0 | <5 | <5 | 13.0 | 15.0 | <10 | <10 | <10 | <10 | <10 |
| 12/03/2024 | 20/03/2024 | 26/03/2024 | 7.1 | 8.3 | 8.3 | 8.4 | 8.5 | 24.0 | <5 | <5 | <5 | 10.0 | <10 | <10 | <10 | <10 | <10 |
| 27/03/2024 | 8/04/2024 | 22/04/2024 | 7.1 | 8.2 | 8.3 | 8.4 | 8.4 | 31.0 | <5 | 5.0 | <5 | 8.0 | <10 | <10 | <10 | <10 | <10 |
| 10/04/2024 | 19/04/2024 | 22/04/2024 | 7.5 | 8.2 | 8.4 | 8.2 | 8.4 | 10.0 | <5 | <5 | 6.0 | 48.0 | <10 | <10 | <10 | <10 | <10 |
| 30/04/2024 | 9/05/2024 | 20/05/2024 | 7.5 | 8.3 | 8.2 | 7.9 | 8.4 | 6.0 | <5 | 6.0 | 46.0 | 9.0 | <10 | <10 | <10 | <10 | <10 |

High Suspended Solids result on 27/12/23 was attributed to heavy rainfall on the day of sampling that had stirred up residual sediment in the base of the sampling pit

Locality map



Location of sampling points



L651 Revision 0
December 2010

Air Emission Monitoring: Horizontal Billet Caster Stack

| Pollutant | 100 percentile concentration limit | Units of Measure | Testing Frequency | Sample Date 13th August 2015 | Sample Date 6th April 2016 | Sample Date 29th March 2017 | Sample Date 8th March 2018 |
|-----------------------------|------------------------------------|-------------------|-------------------|------------------------------|----------------------------|-----------------------------|----------------------------|
| Stack Temperature | - | °C | Yearly | 40 | 63 | 54 | 59 |
| Stack Velocity | - | m/s | - | 10 | 11 | 11 | 11 |
| Stack Volumetric Flow | - | m ³ /s | Yearly | 3.4 | 3.6 | 3.8 | 3.7 |
| Moisture | - | % | Yearly | 0.8 | 1.2 | 0.89 | 0.63 |
| Oxygen | - | % | Yearly | 20.7 | 20.9 | 20.8 | 20.9 |
| Dioxins & Furans (TEQ) | 0.1 | ng/m ³ | Yearly | 0.003 | 0.024 | 0.018 | 0.067 |
| Cadmium | 0.2 | mg/m ³ | Yearly | 0.000017 | <0.0001 | <0.0001 | <0.0002 |
| Mercury | 0.2 | mg/m ³ | Yearly | 0.015 | 0.024 | 0.0014 | 0.004 |
| Type 1 Substances | - | mg/m ³ | - | 0.015 | ≤ 0.027 | ≤0.0034 | ≤0.006 |
| Total Type 1 + 2 Substances | 1 | mg/m ³ | Yearly | 0.015 | ≤ 0.031 | ≤0.0066 | ≤0.01 |
| Nitrogen Oxides | 350 | mg/m ³ | Yearly | 8.2 | 8.2 | 27 | 3.9 |
| Total Solid Particles | 50 | mg/m ³ | Yearly | <0.25 | 2.3 | 1.1 | 1.2 |
| VOCs as n-propane | 40 | mg/m ³ | Yearly | 0.28 | 0.37 | 0.12 | 0.06 |
| Results Obtained (date) | - | - | - | 4-Sep-15 | 29-Apr-16 | 8-May-17 | 11-Apr-18 |
| Results Published (date) | - | - | - | 14-Sep-15 | 2-May-16 | 8-May-17 | 11-Apr-18 |

Notes: Air Emission

Special Frequency 3 means "during each stack emission test"

Milligrams per cubic metre is abbreviated as mg/m³. Nanograms per cubic metre is abbreviated as ng/m³.

Metres per second is abbreviated as m/s. Cubic metres per second is abbreviated as m³/s.

Air Emission Monitoring: Horizontal Billet Caster Stack

| Pollutant | 100 percentile concentration limit | Units of Measure | Testing Frequency | Sample Date 20th March 2019 | Sample Date 8th July 2020 | Sample Date 23/06/2021 | Sample Date 18/05/2022 |
|-----------------------------|------------------------------------|-------------------|-------------------|-----------------------------|---------------------------|------------------------|------------------------|
| Stack Temperature | - | °C | Yearly | 52 | 49 | 49 | 41 |
| Stack Velocity | - | m/s | - | 11 | 9.6 | 11 | 11 |
| Stack Volumetric Flow | - | m ³ /s | Yearly | 3.6 | 3.2 | 3.7 | 3.8 |
| Moisture | - | % | Yearly | 1.2 | <0.4 | 0.72 | 0.57 |
| Oxygen | - | % | Yearly | 20.7 | 20.9 | 20.9 | 20.9 |
| Dioxins & Furans (TEQ) | 0.1 | ng/m ³ | Yearly | 0.035 | 0.045 | 0.019 | 0.007 |
| Cadmium | 0.2 | mg/m ³ | Yearly | <0.0004 | <0.0005 | <0.0005 | <0.0006 |
| Mercury | 0.2 | mg/m ³ | Yearly | 0.00049 | 0.0011 | 0.00081 | <0.0004 |
| Type 1 Substances | - | mg/m ³ | - | ≤0.0072 | ≤0.0097 | ≤0.01 | ≤0.017 |
| Total Type 1 + 2 Substances | 1 | mg/m ³ | Yearly | ≤0.017 | ≤0.022 | <0.023 | ≤0.03 |
| Nitrogen Oxides | 350 | mg/m ³ | Yearly | <3 | 4.4 | 5 | 5.5 |
| Total Solid Particles | 50 | mg/m ³ | Yearly | <1 | 2.2 | <5 | 2 |
| VOCs as n-propane | 40 | mg/m ³ | Yearly | 0.15 | 0.18 | 0.77 | 0.16 |
| Results Obtained (date) | - | - | - | 2-Jul-19 | 19-Aug-20 | 31-Aug-21 | 26-Aug-22 |
| Results Published (date) | - | - | - | 12-Jul-19 | 21-Aug-20 | 7-Sep-21 | 7-Sep-22 |

Notes: Air Emission

Special Frequency 3 means "during each stack emission test"

Milligrams per cubic metre is abbreviated as mg/m³. Nanograms per cubic metre is abbreviated as ng/m³.

Metres per second is abbreviated as m/s. Cubic metres per second is abbreviated as m³/s.

Air Emission Monitoring: Horizontal Billet Caster Stack

| Pollutant | 100 percentile concentration limit | Units of Measure | Testing Frequency | Sample Date 22nd March 2023 | Sample Date 15 May 2024 |
|-----------------------------|------------------------------------|-------------------|-------------------|--------------------------------|----------------------------|
| Stack Temperature | - | °C | Yearly | 55 | 49 |
| Stack Velocity | - | m/s | - | 12 | 11 |
| Stack Volumetric Flow | - | m ³ /s | Yearly | 3.9 | 3.7 |
| Moisture | - | % | Yearly | 0.97 | 0.49 |
| Oxygen | - | % | Yearly | 20.9 | 20.6 |
| Dioxins & Furans (TEQ) | 0.1 | ng/m ³ | Yearly | 0.05 | 0.013 |
| Cadmium | 0.2 | mg/m ³ | Yearly | < 0.0005 | <0.0005 |
| Mercury | 0.2 | mg/m ³ | Yearly | 0.0018 | 0.00061 |
| Type 1 Substances | - | mg/m ³ | - | ≤ 0.011 | ≤0.0095 |
| Total Type 1 + 2 Substances | 1 | mg/m ³ | Yearly | ≤ 0.024 | ≤0.023 |
| Nitrogen Oxides | 350 | mg/m ³ | Yearly | 5.6 | <4 |
| Total Solid Particles | 50 | mg/m ³ | Yearly | < 2 | 3.6 |
| VOCs as n-propane | 40 | mg/m ³ | Yearly | 0.057 | <0.07 |
| Results Obtained (date) | - | - | - | 14-Jun-23 | 11-Jul-24 |
| Results Published (date) | - | - | - | 19-Jun-23 | 12-Jul-24 |

Notes: Air Emission

Special Frequency 3 means "during each stack emission test"

Milligrams per cubic metre is abbreviated as mg/m³. Nanograms per cubic metre is abbreviated as ng/m³.

Metres per second is abbreviated as m/s. Cubic metres per second is abbreviated as m³/s.