

# Gaseous Fluoride Continuous Emissions Monitoring Results - Sep 2012

Licensee: Weston Aluminium Pty Ltd  
 Address: 129 Mitchell Avenue, Weston, NSW 2326  
 EPL Licence #: 6423

Sampling Period: Sep 2012  
 Date Obtained: 12 October 2012  
 Date Reported: 12 October 2012

| Hour | 12AM to 1AM | 1AM to 2AM | 2AM to 3AM | 3AM to 4AM | 4AM to 5AM | 5AM to 6AM | 6AM to 7AM | 7AM to 8AM | 8AM to 9AM | 9AM to 10AM | 10AM to 11AM | 11AM to 12PM | 12PM to 1PM | 1PM to 2PM | 2PM to 3PM | 3PM to 4PM | 4PM to 5PM | 5PM to 6PM | 6PM to 7PM | 7PM to 8PM | 8PM to 9PM | 9PM to 10PM | 10PM to 11PM | 11PM to 12AM |
|------|-------------|------------|------------|------------|------------|------------|------------|------------|------------|-------------|--------------|--------------|-------------|------------|------------|------------|------------|------------|------------|------------|------------|-------------|--------------|--------------|
| Day  |             |            |            |            |            |            |            |            |            |             |              |              |             |            |            |            |            |            |            |            |            |             |              |              |
| 1    | 0.21        | 0.53       | 0.39       | 0.66       | 0.17       | 0.01       | 0.00       | 0.00       | 0.00       | 0.00        | 0.00         | 0.01         | 0.00        | 0.00       | 0.01       | 0.01       | 0.01       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00        | 0.00         | 0.00         |
| 2    | 0.00        | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.01       | 0.00       | 0.00       | 0.00        | 0.00         | 0.00         | 0.00        | 0.01       | 0.01       | 0.01       | 0.01       | 0.01       | 0.00       | 0.02       | 0.25       | 0.23        | 0.26         | 0.36         |
| 3    | 0.38        | 0.25       | 0.37       | 0.37       | 0.36       | 0.28       | 0.46       | 0.45       | 0.53       | 0.44        | 0.40         | 0.48         | 0.38        | 0.54       | 0.54       | 0.49       | 0.52       | 0.40       | 0.39       | 0.41       | 0.43       | 0.39        | 0.41         | 0.47         |
| 4    | 0.41        | 0.47       | 0.43       | 0.44       | 0.42       | 0.45       | 0.34       | 0.27       | 0.21       | 0.39        | 0.35         | 0.40         | 0.27        | 0.40       | 0.33       | 0.43       | 0.33       | 0.45       | 0.30       | 0.42       | 0.34       | 0.39        | 0.38         | 0.36         |
| 5    | 0.46        | 0.38       | 0.48       | 0.48       | 0.58       | 0.45       | 0.46       | 0.30       | 0.44       | 0.32        | 0.41         | 0.39         | 0.36        | 0.37       | 0.36       | 0.34       | 0.37       | 0.36       | 0.36       | 0.39       | 0.33       | 0.23        | 0.43         | 0.29         |
| 6    | 0.48        | 0.27       | 0.40       | 0.34       | 0.38       | 0.32       | 0.31       | 0.40       | 0.35       | 0.30        | 0.32         | 0.35         | 0.42        | 0.34       | 0.38       | 0.34       | 0.35       | 0.27       | 0.37       | 0.32       | 0.35       | 0.26        | 0.45         | 0.39         |
| 7    | 0.46        | 0.30       | 0.50       | 0.34       | 0.39       | 0.33       | 0.36       | 0.31       | 0.34       | 0.31        | 0.39         | 0.30         | 0.39        | 0.26       | 0.38       | 0.34       | 0.24       | 0.45       | 0.23       | 0.42       | 0.16       | 0.16        | 0.13         | 0.18         |
| 8    | 0.08        | 0.26       | 0.19       | 0.21       | 0.27       | 0.41       | 0.32       | 0.34       | 0.49       | 0.18        | 0.02         | 0.02         | 0.01        | 0.01       | 0.00       | 0.01       | 0.01       | 0.01       | 0.01       | 0.00       | 0.00       | 0.00        | 0.00         | 0.00         |
| 9    | 0.00        | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00        | 0.00         | 0.01         | 0.01        | 0.01       | 0.01       | 0.01       | 0.01       | 0.01       | 0.00       | 0.00       | 0.06       | 0.35        | 0.43         | 0.30         |
| 10   | 0.41        | 0.37       | 0.43       | 0.35       | 0.31       | 0.38       | 0.23       | 0.38       | 0.39       | 0.23        | 0.39         | 0.36         | 0.07        | 0.05       | 0.04       | 0.04       | 0.04       | 0.03       | 0.02       | 0.01       | 0.01       | 0.00        | 0.00         | 0.00         |
| 11   | 0.00        | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00        | 0.01         | 0.01         | 0.02        | 0.02       | 0.02       | 0.02       | 0.11       | 0.35       | 0.25       | 0.30       | 0.34       | 0.34        | 0.33         | 0.34         |
| 12   | 0.27        | 0.35       | 0.35       | 0.35       | 0.38       | 0.33       | 0.32       | 0.35       | 0.36       | 0.32        | 0.30         | 0.35         | 0.35        | 0.34       | 0.23       | 0.28       | 0.33       | 0.32       | 0.36       | 0.37       | 0.37       | 0.24        | 0.10         | 0.07         |
| 13   | 0.05        | 0.03       | 0.03       | 0.02       | 0.03       | 0.03       | 0.02       | 0.02       | 0.04       | 0.06        | 0.02         | 0.02         | 0.02        | 0.02       | 0.01       | 0.02       | 0.01       | 0.01       | 0.01       | 0.00       | 0.00       | 0.00        | 0.00         | 0.00         |
| 14   | 0.00        | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00        | 0.00         | 0.02         | 0.15        | 0.41       | 0.06       | 0.02       | 0.02       | 0.01       | 0.01       | 0.00       | 0.00       | 0.00        | 0.00         | 0.01         |
| 15   | 0.00        | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00        | 0.00         | 0.00         | 0.01        | 0.00       | 0.01       | 0.01       | 0.01       | 0.01       | 0.01       | 0.00       | 0.00       | 0.00        | 0.00         | 0.00         |
| 16   | 0.00        | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00        | 0.00         | 0.00         | 0.01        | 0.01       | 0.01       | 0.01       | 0.01       | 0.00       | 0.01       | 0.01       | 0.01       | 0.01        | 0.01         | 0.00         |
| 17   | 0.00        | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00        | 0.00         | 0.01         | 0.15        | 0.43       | 0.47       | 0.24       | 0.33       | 0.34       | 0.34       | 0.35       | 0.36       | 0.34        | 0.34         | 0.33         |
| 18   | 0.32        | 0.35       | 0.28       | 0.33       | 0.37       | 0.37       | 0.24       | 0.04       | 0.02       | 0.02        | 0.02         | 0.02         | 0.02        | 0.02       | 0.02       | 0.02       | 0.02       | 0.01       | 0.01       | 0.00       | 0.00       | 0.00        | 0.00         | 0.00         |
| 19   | 0.00        | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.01        | 0.01         | 0.01         | 0.00        | 0.00       | 0.00       | 0.01       | 0.01       | 0.01       | 0.00       | 0.00       | 0.00       | 0.00        | 0.00         | 0.00         |
| 20   | 0.00        | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00        | 0.01         | 0.01         | 0.01        | 0.00       | 0.01       | 0.01       | 0.01       | 0.01       | 0.00       | 0.01       | 0.01       | 0.00        | 0.00         | 0.00         |
| 21   | 0.00        | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00        | 0.00         | 0.00         | 0.01        | 0.01       | 0.01       | 0.01       | 0.01       | 0.01       | 0.00       | 0.01       | 0.00       | 0.00        | 0.00         | 0.00         |
| 22   | 0.00        | 0.00       | 0.00       | 0.00       | 0.01       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00        | 0.01         | 0.01         | 0.00        | 0.00       | 0.01       | 0.01       | 0.00       | 0.01       | 0.00       | 0.00       | 0.00       | 0.00        | 0.00         | 0.00         |
| 23   | 0.00        | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00        | 0.00         | 0.01         | 0.00        | 0.00       | 0.01       | 0.01       | 0.01       | 0.01       | 0.01       | 0.01       | 0.16       | 0.37        | 0.28         | 0.32         |
| 24   | 0.37        | 0.32       | 0.39       | 0.21       | 0.45       | 0.34       | 0.45       | 0.32       | 0.37       | 0.34        | 0.37         | 0.39         | 0.42        | 0.49       | 0.48       | 0.45       | 0.47       | 0.41       | 0.42       | 0.55       | 0.40       | 0.34        | 0.38         | 0.34         |
| 25   | 0.32        | 0.41       | 0.36       | 0.43       | 0.34       | 0.41       | 0.35       | 0.43       | 0.34       | 0.41        | 0.34         | 0.38         | 0.38        | 0.31       | 0.33       | 0.34       | 0.25       | 0.37       | 0.34       | 0.35       | 0.37       | 0.30        | 0.39         | 0.38         |
| 26   | 0.46        | 0.34       | 0.50       | 0.37       | 0.43       | 0.34       | 0.40       | 0.29       | 0.41       | 0.34        | 0.37         | 0.34         | 0.42        | 0.36       | 0.33       | 0.25       | 0.43       | 0.25       | 0.43       | 0.34       | 0.45       | 0.35        | 0.46         | 0.39         |
| 27   | 0.57        | 0.51       | 0.47       | 0.36       | 0.39       | 0.33       | 0.37       | 0.35       | 0.38       | 0.30        | 0.26         | 0.24         | 0.43        | 0.37       | 0.33       | 0.31       | 0.34       | 0.41       | 0.27       | 0.39       | 0.25       | 0.39        | 0.32         | 0.40         |
| 28   | 0.38        | 0.37       | 0.33       | 0.34       | 0.35       | 0.36       | 0.39       | 0.31       | 0.34       | 0.27        | 0.39         | 0.30         | 0.42        | 0.25       | 0.59       | 0.52       | 0.43       | 0.47       | 0.43       | 0.02       | 0.01       | 0.01        | 0.01         | 0.01         |
| 29   | 0.00        | 0.00       | 0.00       | 0.00       | 0.01       | 0.00       | 0.01       | 0.00       | 0.00       | 0.00        | 0.00         | 0.00         | 0.00        | 0.01       | 0.00       | 0.01       | 0.00       | 0.01       | 0.00       | 0.00       | 0.00       | 0.00        | 0.00         | 0.00         |
| 30   | 0.00        | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00        | 0.00         | 0.00         | 0.00        | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00       | 0.00        | 0.00         | 0.00         |

Note: All results are listed in mg/m<sup>3</sup>, EPL limit 1.4 mg/m<sup>3</sup>

Exceedances this period: none