

## Lafarge Stoney Trailer Hourly Average Data

| Date  | Time MST Hour Ending | Wind Speed km/hour | Wind Direction Degrees | Wind Direction Sector | Sound dbA                         | TSP ug/m3 | PM2.5 ug/m3 | Rainfall of the hour mm | Sound Alarm<br>1=Alarm<br>0=No Alarm | TSP Alarm<br>1=Alarm<br>0=No Alarm | PM2.5 Alarm<br>1=Alarm<br>0=No Alarm |
|---|----------------------|--------------------|------------------------|-----------------------|-----------------------------------|-----------|-------------|-------------------------|--------------------------------------|------------------------------------|--------------------------------------|
| <b>Alarms</b>   |                      |                    |                        |                       |                                   |           |             |                         |                                      |                                    |                                      |
| <b>PM2.5</b>  |                      |                    |                        |                       | 1 Hour Average – <b>80 ug/m3</b>  |           |             |                         |                                      |                                    |                                      |
| <b>TSP</b>  |                      |                    |                        |                       | 1 Hour Average – <b>267 ug/m3</b> |           |             |                         |                                      |                                    |                                      |
| <b>SOUND</b> Sound alarm is not considered if wind speed is greater than or equal to 11.6 km/hour                                 |                      |                    |                        |                       |                                   |           |             |                         |                                      |                                    |                                      |
| <b>MST</b> Mountain Standard time is applied to data; when Daylight Savings Time is in effect, it is used for alarm consideration |                      |                    |                        |                       |                                   |           |             |                         |                                      |                                    |                                      |
| <b>Rainfall</b> Sound Alarm is not considered when the rainfall over the hour is greater than or equal to 3 mm                    |                      |                    |                        |                       |                                   |           |             |                         |                                      |                                    |                                      |
| 1 Hour Average – Weekdays (Mon – Sat) Evenings (10:01pm-7:00am) – <b>50 dba</b>   |                      |                    |                        |                       |                                   |           |             |                         |                                      |                                    |                                      |
| 1 Hour Average – Weekdays (Mon – Sat) Daytime (7:01am-10:00pm) – <b>65 dba</b>  |                      |                    |                        |                       |                                   |           |             |                         |                                      |                                    |                                      |
| 1 Hour Average – Weekends (Sat/Sun & holidays) Evenings (10:01pm-9:00am) – <b>50 dba</b>  |                      |                    |                        |                       |                                   |           |             |                         |                                      |                                    |                                      |
| 1 Hour Average – Weekends (Sat/Sun & holidays) Daytime (9:01am-10:00pm) – <b>65 dba</b>   |                      |                    |                        |                       |                                   |           |             |                         |                                      |                                    |                                      |
|   |                      |                    |                        |                       |                                   |           |             |                         |                                      |                                    |                                      |
| 29-Nov-10   | 900                  | 13.9               | 289                    | WNW                   | 53.1                              | 2.4       | 0.4         | 0                       | 0                                    | 0                                  | 0                                    |
| 29-Nov-10   | 1000                 | 15.1               | 297                    | WNW                   | 51.6                              | 2.1       | 0.8         | 0                       | 0                                    | 0                                  | 0                                    |
| 29-Nov-10   | 1100                 | 19.0               | 301                    | WNW                   | 51.5                              | 4.3       | 1.3         | 0                       | 0                                    | 0                                  | 0                                    |
| 29-Nov-10   | 1200                 | 15.6               | 298                    | WNW                   | 54.7                              | 8.9       | 3.8         | 0                       | 0                                    | 0                                  | 0                                    |
| 29-Nov-10   | 1300                 | 18.0               | 294                    | WNW                   | 56.0                              | 5.1       | 3.4         | 0                       | 0                                    | 0                                  | 0                                    |
| 29-Nov-10   | 1400                 | 13.9               | 269                    | W                     | 55.0                              | 4.5       | 1.4         | 0                       | 0                                    | 0                                  | 0                                    |
| 29-Nov-10   | 1500                 | 8.1                | 249                    | WSW                   | 50.4                              | 9.4       | 3.5         | 0                       | 0                                    | 0                                  | 0                                    |
| 29-Nov-10   | 1600                 | 7.9                | 165                    | SSE                   | 49.7                              | 21.0      | 9.5         | 0                       | 0                                    | 0                                  | 0                                    |
| 29-Nov-10   | 1700                 | 8.5                | 165                    | SSE                   | 49.9                              | 43.5      | 5.8         | 0                       | 0                                    | 0                                  | 0                                    |
| 29-Nov-10   | 1800                 | 10.1               | 169                    | SSE                   | 48.0                              | 40.7      | 8.6         | 0                       | 0                                    | 0                                  | 0                                    |
| 29-Nov-10   | 1900                 | 9.1                | 178                    | S                     | 47.3                              | 23.7      | 8.9         | 0                       | 0                                    | 0                                  | 0                                    |
| 29-Nov-10   | 2000                 | 10.7               | 192                    | SSW                   | 46.7                              | 13.0      | 13.0        | 0                       | 0                                    | 0                                  | 0                                    |
| 29-Nov-10   | 2100                 | 12.3               | 181                    | S                     | 46.0                              | 8.8       | 3.4         | 0                       | 0                                    | 0                                  | 0                                    |
| 29-Nov-10   | 2200                 | 8.4                | 194                    | SSW                   | 45.5                              | 23.7      | 9.4         | 0                       | 0                                    | 0                                  | 0                                    |
| 29-Nov-10   | 2300                 | 8.3                | 203                    | SSW                   | 45.7                              | 18.6      | 7.8         | 0                       | 0                                    | 0                                  | 0                                    |
| 29-Nov-10   | 2400                 | 9.0                | 219                    | SW                    | 44.4                              | 1.6       | 0.8         | 0                       | 0                                    | 0                                  | 0                                    |

## Lafarge Stoney Trailer Hourly Average Data

| Date  | Time MST Hour Ending | Wind Speed km/hour | Wind Direction Degrees | Wind Direction Sector | Sound dbA | TSP ug/m3                         | PM2.5 ug/m3 | Rainfall of the hour mm | Sound Alarm<br>1=Alarm<br>0=No Alarm | TSP Alarm<br>1=Alarm<br>0=No Alarm | PM2.5 Alarm<br>1=Alarm<br>0=No Alarm |
|---|----------------------|--------------------|------------------------|-----------------------|-----------|-----------------------------------|-------------|-------------------------|--------------------------------------|------------------------------------|--------------------------------------|
| <b>Alarms</b>   |                      |                    |                        |                       |           |                                   |             |                         |                                      |                                    |                                      |
| <b>PM2.5</b>  |                      |                    |                        |                       |           | 1 Hour Average – <b>80 ug/m3</b>  |             |                         |                                      |                                    |                                      |
| <b>TSP</b>  |                      |                    |                        |                       |           | 1 Hour Average – <b>267 ug/m3</b> |             |                         |                                      |                                    |                                      |
| <b>SOUND</b> Sound alarm is not considered if wind speed is greater than or equal to 11.6 km/hour                                 |                      |                    |                        |                       |           |                                   |             |                         |                                      |                                    |                                      |
| <b>MST</b> Mountain Standard time is applied to data; when Daylight Savings Time is in effect, it is used for alarm consideration |                      |                    |                        |                       |           |                                   |             |                         |                                      |                                    |                                      |
| <b>Rainfall</b> Sound Alarm is not considered when the rainfall over the hour is greater than or equal to 3 mm                    |                      |                    |                        |                       |           |                                   |             |                         |                                      |                                    |                                      |
| 1 Hour Average – Weekdays (Mon – Sat) Evenings (10:01pm-7:00am) – <b>50 dba</b>   |                      |                    |                        |                       |           |                                   |             |                         |                                      |                                    |                                      |
| 1 Hour Average – Weekdays (Mon – Sat) Daytime (7:01am-10:00pm) – <b>65 dba</b>  |                      |                    |                        |                       |           |                                   |             |                         |                                      |                                    |                                      |
| 1 Hour Average – Weekends (Sat/Sun & holidays) Evenings (10:01pm-9:00am) – <b>50 dba</b>  |                      |                    |                        |                       |           |                                   |             |                         |                                      |                                    |                                      |
| 1 Hour Average – Weekends (Sat/Sun & holidays) Daytime (9:01am-10:00pm) – <b>65 dba</b>   |                      |                    |                        |                       |           |                                   |             |                         |                                      |                                    |                                      |
|   |                      |                    |                        |                       |           |                                   |             |                         |                                      |                                    |                                      |
| 30-Nov-10   | 100                  | 9.1                | 216                    | SW                    | 43.6      | 7.0                               | 2.8         | 0                       | 0                                    | 0                                  | 0                                    |
| 30-Nov-10   | 200                  | 6.0                | 181                    | S                     | 42.6      | 1.8                               | 0.9         | 0                       | 0                                    | 0                                  | 0                                    |
| 30-Nov-10   | 300                  | 8.2                | 171                    | S                     | 44.7      | 1.6                               | 0.2         | 0                       | 0                                    | 0                                  | 0                                    |
| 30-Nov-10   | 400                  | 10.4               | 195                    | SSW                   | 44.3      | 2.6                               | 0.7         | 0                       | 0                                    | 0                                  | 0                                    |
| 30-Nov-10   | 500                  | 13.4               | 218                    | SW                    | 45.8      | 1.6                               | 0.7         | 0                       | 0                                    | 0                                  | 0                                    |
| 30-Nov-10   | 600                  | 23.0               | 242                    | WSW                   | 52.2      | 3.8                               | 0.6         | 0                       | 0                                    | 0                                  | 0                                    |
| 30-Nov-10   | 700                  | 25.9               | 261                    | W                     | 53.5      | 2.9                               | 0.3         | 0                       | 0                                    | 0                                  | 0                                    |
| 30-Nov-10   | 800                  | 17.8               | 253                    | WSW                   | 49.6      | 3.7                               | 0.5         | 0                       | 0                                    | 0                                  | 0                                    |
| 30-Nov-10   | 900                  | 20.5               | 239                    | WSW                   | 53.1      | 4.1                               | 0.8         | 0                       | 0                                    | 0                                  | 0                                    |
| 30-Nov-10   | 1000                 | 15.5               | 261                    | W                     | 51.9      | 1.2                               | 0.5         | 0                       | 0                                    | 0                                  | 0                                    |
| 30-Nov-10   | 1100                 | 16.4               | 256                    | WSW                   | 51.8      | 3.2                               | 0.3         | 0                       | 0                                    | 0                                  | 0                                    |
| 30-Nov-10   | 1200                 | 21.5               | 250                    | WSW                   | 52.6      | 1.0                               | 0.6         | 0                       | 0                                    | 0                                  | 0                                    |
| 30-Nov-10   | 1300                 | 21.4               | 258                    | WSW                   | 52.5      | 1.7                               | 0.9         | 0                       | 0                                    | 0                                  | 0                                    |
| 30-Nov-10   | 1400                 | 32.1               | 264                    | W                     | 59.3      | 1.7                               | 0.2         | 0                       | 0                                    | 0                                  | 0                                    |
| 30-Nov-10   | 1500                 | 38.7               | 262                    | W                     | 63.6      | 0.9                               | -0.1        | 0                       | 0                                    | 0                                  | 0                                    |
| 30-Nov-10   | 1600                 | 31.1               | 254                    | WSW                   | 58.6      | 1.0                               | 0.3         | 0                       | 0                                    | 0                                  | 0                                    |

## Lafarge Stoney Trailer Hourly Average Data

| Date  | Time MST Hour Ending | Wind Speed km/hour | Wind Direction Degrees | Wind Direction Sector | Sound dbA | TSP ug/m3                         | PM2.5 ug/m3 | Rainfall of the hour mm | Sound Alarm<br>1=Alarm<br>0=No Alarm | TSP Alarm<br>1=Alarm<br>0=No Alarm | PM2.5 Alarm<br>1=Alarm<br>0=No Alarm |
|---|----------------------|--------------------|------------------------|-----------------------|-----------|-----------------------------------|-------------|-------------------------|--------------------------------------|------------------------------------|--------------------------------------|
| <b>Alarms</b>   |                      |                    |                        |                       |           |                                   |             |                         |                                      |                                    |                                      |
| <b>PM2.5</b>  |                      |                    |                        |                       |           | 1 Hour Average – <b>80 ug/m3</b>  |             |                         |                                      |                                    |                                      |
| <b>TSP</b>  |                      |                    |                        |                       |           | 1 Hour Average – <b>267 ug/m3</b> |             |                         |                                      |                                    |                                      |
| <b>SOUND</b> Sound alarm is not considered if wind speed is greater than or equal to 11.6 km/hour                                 |                      |                    |                        |                       |           |                                   |             |                         |                                      |                                    |                                      |
| <b>MST</b> Mountain Standard time is applied to data; when Daylight Savings Time is in effect, it is used for alarm consideration |                      |                    |                        |                       |           |                                   |             |                         |                                      |                                    |                                      |
| <b>Rainfall</b> Sound Alarm is not considered when the rainfall over the hour is greater than or equal to 3 mm                    |                      |                    |                        |                       |           |                                   |             |                         |                                      |                                    |                                      |
| 1 Hour Average – Weekdays (Mon – Sat) Evenings (10:01pm-7:00am) – <b>50 dba</b>   |                      |                    |                        |                       |           |                                   |             |                         |                                      |                                    |                                      |
| 1 Hour Average – Weekdays (Mon – Sat) Daytime (7:01am-10:00pm) – <b>65 dba</b>  |                      |                    |                        |                       |           |                                   |             |                         |                                      |                                    |                                      |
| 1 Hour Average – Weekends (Sat/Sun & holidays) Evenings (10:01pm-9:00am) – <b>50 dba</b>  |                      |                    |                        |                       |           |                                   |             |                         |                                      |                                    |                                      |
| 1 Hour Average – Weekends (Sat/Sun & holidays) Daytime (9:01am-10:00pm) – <b>65 dba</b>   |                      |                    |                        |                       |           |                                   |             |                         |                                      |                                    |                                      |
|   |                      |                    |                        |                       |           |                                   |             |                         |                                      |                                    |                                      |
| 30-Nov-10   | 1700                 | 30.9               | 255                    | WSW                   | 58.0      | 1.7                               | 0.4         | 0                       | 0                                    | 0                                  | 0                                    |
| 30-Nov-10   | 1800                 | 33.4               | 266                    | W                     | 59.7      | 1.5                               | 0.2         | 0                       | 0                                    | 0                                  | 0                                    |
| 30-Nov-10   | 1900                 | 31.1               | 277                    | W                     | 57.4      | 1.0                               | 0.7         | 0                       | 0                                    | 0                                  | 0                                    |
| 30-Nov-10   | 2000                 | 27.3               | 263                    | W                     | 54.8      | 1.1                               | 0.6         | 0                       | 0                                    | 0                                  | 0                                    |
| 30-Nov-10   | 2100                 | 26.4               | 270                    | W                     | 53.2      | 1.7                               | 0.4         | 0                       | 0                                    | 0                                  | 0                                    |
| 30-Nov-10   | 2200                 | 25.9               | 269                    | W                     | 52.6      | 0.9                               | 0.4         | 0                       | 0                                    | 0                                  | 0                                    |
| 30-Nov-10   | 2300                 | 27.3               | 273                    | W                     | 53.4      | 1.1                               | 0.8         | 0                       | 0                                    | 0                                  | 0                                    |
| 30-Nov-10   | 2400                 | 25.5               | 274                    | W                     | 51.0      | 0.9                               | 0.1         | 0                       | 0                                    | 0                                  | 0                                    |
| 1-Dec-10  | 100                  | 26.6               | 267                    | W                     | 52.6      | 1.5                               | 1.2         | 0                       | 0                                    | 0                                  | 0                                    |
| 1-Dec-10  | 200                  | 24.2               | 265                    | W                     | 50.3      | 1.0                               | 0.4         | 0                       | 0                                    | 0                                  | 0                                    |
| 1-Dec-10  | 300                  | 24.9               | 270                    | W                     | 51.0      | 1.3                               | 0.3         | 0                       | 0                                    | 0                                  | 0                                    |
| 1-Dec-10  | 400                  | 24.3               | 274                    | W                     | 50.3      | 1.5                               | 0.6         | 0                       | 0                                    | 0                                  | 0                                    |
| 1-Dec-10  | 500                  | 24.1               | 270                    | W                     | 49.7      | 1.1                               | 0.1         | 0                       | 0                                    | 0                                  | 0                                    |
| 1-Dec-10  | 600                  | 21.4               | 268                    | W                     | 49.2      | 2.3                               | 0.3         | 0                       | 0                                    | 0                                  | 0                                    |
| 1-Dec-10  | 700                  | 21.1               | 272                    | W                     | 50.1      | 1.0                               | 0.0         | 0                       | 0                                    | 0                                  | 0                                    |
| 1-Dec-10  | 800                  | 23.8               | 265                    | W                     | 53.4      | 0.9                               | 0.4         | 0                       | 0                                    | 0                                  | 0                                    |

## Lafarge Stoney Trailer Hourly Average Data

| Date  | Time MST Hour Ending | Wind Speed km/hour | Wind Direction Degrees | Wind Direction Sector | Sound dbA                         | TSP ug/m3 | PM2.5 ug/m3 | Rainfall of the hour mm | Sound Alarm<br>1=Alarm<br>0=No Alarm | TSP Alarm<br>1=Alarm<br>0=No Alarm | PM2.5 Alarm<br>1=Alarm<br>0=No Alarm |
|---|----------------------|--------------------|------------------------|-----------------------|-----------------------------------|-----------|-------------|-------------------------|--------------------------------------|------------------------------------|--------------------------------------|
| <b>Alarms</b>   |                      |                    |                        |                       |                                   |           |             |                         |                                      |                                    |                                      |
| <b>PM2.5</b>  |                      |                    |                        |                       | 1 Hour Average – <b>80 ug/m3</b>  |           |             |                         |                                      |                                    |                                      |
| <b>TSP</b>  |                      |                    |                        |                       | 1 Hour Average – <b>267 ug/m3</b> |           |             |                         |                                      |                                    |                                      |
| <b>SOUND Sound alarm is not considered if wind speed is greater than or equal to 11.6 km/hour</b>                                 |                      |                    |                        |                       |                                   |           |             |                         |                                      |                                    |                                      |
| <b>MST Mountain Standard time is applied to data; when Daylight Savings Time is in effect, it is used for alarm consideration</b> |                      |                    |                        |                       |                                   |           |             |                         |                                      |                                    |                                      |
| <b>Rainfall Sound Alarm is not considered when the rainfall over the hour is greater than or equal to 3 mm</b>                    |                      |                    |                        |                       |                                   |           |             |                         |                                      |                                    |                                      |
| 1 Hour Average – Weekdays (Mon – Sat) Evenings (10:01pm-7:00am) – <b>50 dba</b>   |                      |                    |                        |                       |                                   |           |             |                         |                                      |                                    |                                      |
| 1 Hour Average – Weekdays (Mon – Sat) Daytime (7:01am-10:00pm) – <b>65 dba</b>  |                      |                    |                        |                       |                                   |           |             |                         |                                      |                                    |                                      |
| 1 Hour Average – Weekends (Sat/Sun & holidays) Evenings (10:01pm-9:00am) – <b>50 dba</b>  |                      |                    |                        |                       |                                   |           |             |                         |                                      |                                    |                                      |
| 1 Hour Average – Weekends (Sat/Sun & holidays) Daytime (9:01am-10:00pm) – <b>65 dba</b>   |                      |                    |                        |                       |                                   |           |             |                         |                                      |                                    |                                      |
|   |                      |                    |                        |                       |                                   |           |             |                         |                                      |                                    |                                      |
| 1-Dec-10  | 900                  | 20.1               | 265                    | W                     | 51.7                              | 1.2       | 0.8         | 0                       | 0                                    | 0                                  | 0                                    |
| 1-Dec-10  | 1000                 | 22.0               | 273                    | W                     | 51.3                              | 1.9       | 0.7         | 0                       | 0                                    | 0                                  | 0                                    |
| 1-Dec-10  | 1100                 | 23.0               | 276                    | W                     | 54.2                              | 0.9       | 0.1         | 0                       | 0                                    | 0                                  | 0                                    |
| 1-Dec-10  | 1200                 | 19.8               | 291                    | WNW                   | 52.7                              | 2.6       | 1.7         | 0                       | 0                                    | 0                                  | 0                                    |
| 1-Dec-10  | 1300                 | 18.3               | 298                    | WNW                   | 64.9                              | 1.8       | 0.8         | 0                       | 0                                    | 0                                  | 0                                    |
| 1-Dec-10  | 1400                 | 19.1               | 288                    | WNW                   | 58.7                              | 2.4       | 1.7         | 0                       | 0                                    | 0                                  | 0                                    |
| 1-Dec-10  | 1500                 | 17.3               | 287                    | WNW                   | 53.9                              | 1.5       | 1.2         | 0                       | 0                                    | 0                                  | 0                                    |
| 1-Dec-10  | 1600                 | 15.4               | 284                    | WNW                   | 48.7                              | 1.3       | 0.2         | 0                       | 0                                    | 0                                  | 0                                    |
| 1-Dec-10  | 1700                 | 14.2               | 281                    | WNW                   | 47.9                              | 1.0       | 0.5         | 0                       | 0                                    | 0                                  | 0                                    |
| 1-Dec-10  | 1800                 | 15.6               | 276                    | W                     | 46.5                              | 0.7       | 0.0         | 0                       | 0                                    | 0                                  | 0                                    |
| 1-Dec-10  | 1900                 | 14.5               | 269                    | W                     | 45.9                              | 1.1       | 0.5         | 0                       | 0                                    | 0                                  | 0                                    |
| 1-Dec-10  | 2000                 | 9.8                | 225                    | SW                    | 45.2                              | 5.6       | 1.0         | 0                       | 0                                    | 0                                  | 0                                    |
| 1-Dec-10  | 2100                 | 5.8                | 209                    | SSW                   | 45.7                              | 12.8      | 6.7         | 0                       | 0                                    | 0                                  | 0                                    |
| 1-Dec-10  | 2200                 | 6.7                | 334                    | NNW                   | 46.3                              | 11.7      | 2.8         | 0                       | 0                                    | 0                                  | 0                                    |
| 1-Dec-10  | 2300                 | 6.5                | 348                    | NNW                   | 45.3                              | 1.3       | 0.1         | 0                       | 0                                    | 0                                  | 0                                    |
| 1-Dec-10  | 2400                 | 7.4                | 321                    | NW                    | 45.6                              | 2.4       | 1.7         | 0                       | 0                                    | 0                                  | 0                                    |

## Lafarge Stoney Trailer Hourly Average Data

| Date  | Time MST Hour Ending | Wind Speed km/hour | Wind Direction Degrees | Wind Direction Sector | Sound dbA | TSP ug/m3                         | PM2.5 ug/m3 | Rainfall of the hour mm | Sound Alarm<br>1=Alarm<br>0=No Alarm | TSP Alarm<br>1=Alarm<br>0=No Alarm | PM2.5 Alarm<br>1=Alarm<br>0=No Alarm |
|---|----------------------|--------------------|------------------------|-----------------------|-----------|-----------------------------------|-------------|-------------------------|--------------------------------------|------------------------------------|--------------------------------------|
| <b>Alarms</b>   |                      |                    |                        |                       |           |                                   |             |                         |                                      |                                    |                                      |
| <b>PM2.5</b>  |                      |                    |                        |                       |           | 1 Hour Average – <b>80 ug/m3</b>  |             |                         |                                      |                                    |                                      |
| <b>TSP</b>  |                      |                    |                        |                       |           | 1 Hour Average – <b>267 ug/m3</b> |             |                         |                                      |                                    |                                      |
| <b>SOUND</b> Sound alarm is not considered if wind speed is greater than or equal to 11.6 km/hour                                 |                      |                    |                        |                       |           |                                   |             |                         |                                      |                                    |                                      |
| <b>MST</b> Mountain Standard time is applied to data; when Daylight Savings Time is in effect, it is used for alarm consideration |                      |                    |                        |                       |           |                                   |             |                         |                                      |                                    |                                      |
| <b>Rainfall</b> Sound Alarm is not considered when the rainfall over the hour is greater than or equal to 3 mm                    |                      |                    |                        |                       |           |                                   |             |                         |                                      |                                    |                                      |
| 1 Hour Average – Weekdays (Mon – Sat) Evenings (10:01pm-7:00am) – <b>50 dba</b>   |                      |                    |                        |                       |           |                                   |             |                         |                                      |                                    |                                      |
| 1 Hour Average – Weekdays (Mon – Sat) Daytime (7:01am-10:00pm) – <b>65 dba</b>  |                      |                    |                        |                       |           |                                   |             |                         |                                      |                                    |                                      |
| 1 Hour Average – Weekends (Sat/Sun & holidays) Evenings (10:01pm-9:00am) – <b>50 dba</b>  |                      |                    |                        |                       |           |                                   |             |                         |                                      |                                    |                                      |
| 1 Hour Average – Weekends (Sat/Sun & holidays) Daytime (9:01am-10:00pm) – <b>65 dba</b>   |                      |                    |                        |                       |           |                                   |             |                         |                                      |                                    |                                      |
|   |                      |                    |                        |                       |           |                                   |             |                         |                                      |                                    |                                      |
| 2-Dec-10  | 100                  | 4.0                | 244                    | WSW                   | 41.6      | 9.3                               | 1.7         | 0                       | 0                                    | 0                                  | 0                                    |
| 2-Dec-10  | 200                  | 5.2                | 130                    | SE                    | 43.1      | 25.6                              | 9.0         | 0                       | 0                                    | 0                                  | 0                                    |
| 2-Dec-10  | 300                  | 4.6                | 145                    | SE                    | 42.7      | 16.7                              | 8.5         | 0                       | 0                                    | 0                                  | 0                                    |
| 2-Dec-10  | 400                  | 8.0                | 208                    | SSW                   | 42.6      | 15.6                              | 8.4         | 0                       | 0                                    | 0                                  | 0                                    |
| 2-Dec-10  | 500                  | 9.8                | 219                    | SW                    | 43.5      | 31.7                              | 11.6        | 0                       | 0                                    | 0                                  | 0                                    |
| 2-Dec-10  | 600                  | 9.5                | 230                    | SW                    | 45.3      | 31.0                              | 7.8         | 0                       | 0                                    | 0                                  | 0                                    |
| 2-Dec-10  | 700                  | 7.9                | 245                    | WSW                   | 48.9      | 7.0                               | 1.5         | 0                       | 0                                    | 0                                  | 0                                    |
| 2-Dec-10  | 800                  | 8.4                | 262                    | W                     | 51.0      | 2.0                               | 0.5         | 0                       | 0                                    | 0                                  | 0                                    |
| 2-Dec-10  | 900                  | 5.7                | 275                    | W                     | 53.9      | 20.2                              | 4.4         | 0                       | 0                                    | 0                                  | 0                                    |
| 2-Dec-10  | 1000                 | 5.3                | 272                    | W                     | 52.3      | 7.6                               | 3.6         | 0                       | 0                                    | 0                                  | 0                                    |
| 2-Dec-10  | 1100                 | 8.1                | 286                    | WNW                   | 54.2      | 20.8                              | 5.0         | 0                       | 0                                    | 0                                  | 0                                    |
| 2-Dec-10  | 1200                 | 9.9                | 283                    | WNW                   | 54.1      | 1.9                               | 0.5         | 0                       | 0                                    | 0                                  | 0                                    |
| 2-Dec-10  | 1300                 | 6.9                | 284                    | WNW                   | 54.3      | 5.1                               | 1.4         | 0                       | 0                                    | 0                                  | 0                                    |
| 2-Dec-10  | 1400                 | 7.5                | 322                    | NW                    | 53.4      | 11.6                              | 6.1         | 0                       | 0                                    | 0                                  | 0                                    |
| 2-Dec-10  | 1500                 | 4.9                | 359                    | N                     | 52.1      | 30.3                              | 3.9         | 0                       | 0                                    | 0                                  | 0                                    |
| 2-Dec-10  | 1600                 | 5.2                | 353                    | N                     | 52.3      | 39.0                              | 7.2         | 0                       | 0                                    | 0                                  | 0                                    |

## Lafarge Stoney Trailer Hourly Average Data

| Date  | Time MST Hour Ending | Wind Speed km/hour | Wind Direction Degrees | Wind Direction Sector | Sound dbA                         | TSP ug/m3 | PM2.5 ug/m3 | Rainfall of the hour mm | Sound Alarm<br>1=Alarm<br>0=No Alarm | TSP Alarm<br>1=Alarm<br>0=No Alarm | PM2.5 Alarm<br>1=Alarm<br>0=No Alarm |
|---|----------------------|--------------------|------------------------|-----------------------|-----------------------------------|-----------|-------------|-------------------------|--------------------------------------|------------------------------------|--------------------------------------|
| <b>Alarms</b>   |                      |                    |                        |                       |                                   |           |             |                         |                                      |                                    |                                      |
| <b>PM2.5</b>  |                      |                    |                        |                       | 1 Hour Average – <b>80 ug/m3</b>  |           |             |                         |                                      |                                    |                                      |
| <b>TSP</b>  |                      |                    |                        |                       | 1 Hour Average – <b>267 ug/m3</b> |           |             |                         |                                      |                                    |                                      |
| <b>SOUND</b> Sound alarm is not considered if wind speed is greater than or equal to 11.6 km/hour                                 |                      |                    |                        |                       |                                   |           |             |                         |                                      |                                    |                                      |
| <b>MST</b> Mountain Standard time is applied to data; when Daylight Savings Time is in effect, it is used for alarm consideration |                      |                    |                        |                       |                                   |           |             |                         |                                      |                                    |                                      |
| <b>Rainfall</b> Sound Alarm is not considered when the rainfall over the hour is greater than or equal to 3 mm                    |                      |                    |                        |                       |                                   |           |             |                         |                                      |                                    |                                      |
| 1 Hour Average – Weekdays (Mon – Sat) Evenings (10:01pm-7:00am) – <b>50 dba</b>   |                      |                    |                        |                       |                                   |           |             |                         |                                      |                                    |                                      |
| 1 Hour Average – Weekdays (Mon – Sat) Daytime (7:01am-10:00pm) – <b>65 dba</b>  |                      |                    |                        |                       |                                   |           |             |                         |                                      |                                    |                                      |
| 1 Hour Average – Weekends (Sat/Sun & holidays) Evenings (10:01pm-9:00am) – <b>50 dba</b>  |                      |                    |                        |                       |                                   |           |             |                         |                                      |                                    |                                      |
| 1 Hour Average – Weekends (Sat/Sun & holidays) Daytime (9:01am-10:00pm) – <b>65 dba</b>   |                      |                    |                        |                       |                                   |           |             |                         |                                      |                                    |                                      |
|   |                      |                    |                        |                       |                                   |           |             |                         |                                      |                                    |                                      |
| 2-Dec-10  | 1700                 | 4.9                | 121                    | ESE                   | 51.6                              | 37.0      | 9.0         | 0                       | 0                                    | 0                                  | 0                                    |
| 2-Dec-10  | 1800                 | 5.5                | 88                     | E                     | 50.4                              | 67.2      | 13.3        | 0                       | 0                                    | 0                                  | 0                                    |
| 2-Dec-10  | 1900                 | 5.9                | 181                    | S                     | 49.3                              | 132.8     | 30.5        | 0                       | 0                                    | 0                                  | 0                                    |
| 2-Dec-10  | 2000                 | 6.4                | 205                    | SSW                   | 48.6                              | 149.5     | 36.0        | 0                       | 0                                    | 0                                  | 0                                    |
| 2-Dec-10  | 2100                 | 6.0                | 230                    | SW                    | 47.0                              | 111.2     | 27.6        | 0                       | 0                                    | 0                                  | 0                                    |
| 2-Dec-10  | 2200                 | 8.9                | 272                    | W                     | 46.0                              | 41.0      | 10.2        | 0                       | 0                                    | 0                                  | 0                                    |
| 2-Dec-10  | 2300                 | 8.5                | 282                    | WNW                   | 44.8                              | 25.6      | 12.4        | 0                       | 0                                    | 0                                  | 0                                    |
| 2-Dec-10  | 2400                 | 11.1               | 303                    | WNW                   | 44.1                              | 9.5       | 1.5         | 0                       | 0                                    | 0                                  | 0                                    |
| 3-Dec-10  | 100                  | 11.2               | 305                    | NW                    | 43.5                              | 9.4       | 1.2         | 0                       | 0                                    | 0                                  | 0                                    |
| 3-Dec-10  | 200                  | 10.4               | 296                    | WNW                   | 42.5                              | 12.5      | 7.1         | 0                       | 0                                    | 0                                  | 0                                    |
| 3-Dec-10  | 300                  | 8.4                | 292                    | WNW                   | 42.8                              | 6.5       | 3.4         | 0                       | 0                                    | 0                                  | 0                                    |
| 3-Dec-10  | 400                  | 14.3               | 313                    | NW                    | 44.3                              | 7.7       | 4.6         | 0                       | 0                                    | 0                                  | 0                                    |
| 3-Dec-10  | 500                  | 15.0               | 316                    | NW                    | 44.5                              | 4.5       | 2.5         | 0                       | 0                                    | 0                                  | 0                                    |
| 3-Dec-10  | 600                  | 14.8               | 320                    | NW                    | 44.9                              | 8.3       | 1.3         | 0                       | 0                                    | 0                                  | 0                                    |
| 3-Dec-10  | 700                  | 14.9               | 328                    | NNW                   | 47.3                              | 13.3      | 2.4         | 0                       | 0                                    | 0                                  | 0                                    |
| 3-Dec-10  | 800                  | 15.7               | 325                    | NW                    | 51.2                              | 22.5      | 2.7         | 0                       | 0                                    | 0                                  | 0                                    |

## Lafarge Stoney Trailer Hourly Average Data

| Date  | Time MST Hour Ending | Wind Speed km/hour | Wind Direction Degrees | Wind Direction Sector | Sound dbA | TSP ug/m3                         | PM2.5 ug/m3 | Rainfall of the hour mm | Sound Alarm<br>1=Alarm<br>0=No Alarm | TSP Alarm<br>1=Alarm<br>0=No Alarm | PM2.5 Alarm<br>1=Alarm<br>0=No Alarm |
|---|----------------------|--------------------|------------------------|-----------------------|-----------|-----------------------------------|-------------|-------------------------|--------------------------------------|------------------------------------|--------------------------------------|
| <b>Alarms</b>   |                      |                    |                        |                       |           |                                   |             |                         |                                      |                                    |                                      |
| <b>PM2.5</b>  |                      |                    |                        |                       |           | 1 Hour Average – <b>80 ug/m3</b>  |             |                         |                                      |                                    |                                      |
| <b>TSP</b>  |                      |                    |                        |                       |           | 1 Hour Average – <b>267 ug/m3</b> |             |                         |                                      |                                    |                                      |
| <b>SOUND</b> Sound alarm is not considered if wind speed is greater than or equal to 11.6 km/hour                                 |                      |                    |                        |                       |           |                                   |             |                         |                                      |                                    |                                      |
| <b>MST</b> Mountain Standard time is applied to data; when Daylight Savings Time is in effect, it is used for alarm consideration |                      |                    |                        |                       |           |                                   |             |                         |                                      |                                    |                                      |
| <b>Rainfall</b> Sound Alarm is not considered when the rainfall over the hour is greater than or equal to 3 mm                    |                      |                    |                        |                       |           |                                   |             |                         |                                      |                                    |                                      |
| 1 Hour Average – Weekdays (Mon – Sat) Evenings (10:01pm-7:00am) – <b>50 dba</b>   |                      |                    |                        |                       |           |                                   |             |                         |                                      |                                    |                                      |
| 1 Hour Average – Weekdays (Mon – Sat) Daytime (7:01am-10:00pm) – <b>65 dba</b>  |                      |                    |                        |                       |           |                                   |             |                         |                                      |                                    |                                      |
| 1 Hour Average – Weekends (Sat/Sun & holidays) Evenings (10:01pm-9:00am) – <b>50 dba</b>  |                      |                    |                        |                       |           |                                   |             |                         |                                      |                                    |                                      |
| 1 Hour Average – Weekends (Sat/Sun & holidays) Daytime (9:01am-10:00pm) – <b>65 dba</b>   |                      |                    |                        |                       |           |                                   |             |                         |                                      |                                    |                                      |
|   |                      |                    |                        |                       |           |                                   |             |                         |                                      |                                    |                                      |
| 3-Dec-10  | 900                  | 16.3               | 336                    | NNW                   | 53.6      | 16.8                              | 3.4         | 0                       | 0                                    | 0                                  | 0                                    |
| 3-Dec-10  | 1000                 | 19.6               | 325                    | NW                    | 53.0      | 19.7                              | 5.1         | 0                       | 0                                    | 0                                  | 0                                    |
| 3-Dec-10  | 1100                 | 19.9               | 323                    | NW                    | 53.4      | 17.8                              | 4.2         | 0                       | 0                                    | 0                                  | 0                                    |
| 3-Dec-10  | 1200                 | 20.0               | 338                    | NNW                   | 54.1      | 25.8                              | 3.6         | 0                       | 0                                    | 0                                  | 0                                    |
| 3-Dec-10  | 1300                 | 16.1               | 349                    | N                     | 54.8      | 56.0                              | 10.4        | 0                       | 0                                    | 0                                  | 0                                    |
| 3-Dec-10  | 1400                 | 14.6               | 344                    | NNW                   | 53.0      | 171.0                             | 49.8        | 0                       | 0                                    | 0                                  | 0                                    |
| 3-Dec-10  | 1500                 | 12.2               | 339                    | NNW                   | 51.4      | 133.6                             | 37.6        | 0                       | 0                                    | 0                                  | 0                                    |
| 3-Dec-10  | 1600                 | 6.4                | 324                    | NW                    | 50.6      | 127.2                             | 44.6        | 0                       | 0                                    | 0                                  | 0                                    |
| 3-Dec-10  | 1700                 | 5.7                | 278                    | W                     | 49.0      | 98.2                              | 37.6        | 0                       | 0                                    | 0                                  | 0                                    |
| 3-Dec-10  | 1800                 | 4.4                | 219                    | SW                    | 47.6      | 102.5                             | 22.8        | 0                       | 0                                    | 0                                  | 0                                    |
| 3-Dec-10  | 1900                 | 7.6                | 193                    | SSW                   | 48.8      | 135.4                             | 38.8        | 0                       | 0                                    | 0                                  | 0                                    |
| 3-Dec-10  | 2000                 | 8.1                | 223                    | SW                    | 47.1      | 148.2                             | 42.6        | 0                       | 0                                    | 0                                  | 0                                    |
| 3-Dec-10  | 2100                 | 9.1                | 225                    | SW                    | 45.8      | 80.9                              | 23.1        | 0                       | 0                                    | 0                                  | 0                                    |
| 3-Dec-10  | 2200                 | 10.1               | 220                    | SW                    | 46.3      | 64.1                              | 19.5        | 0                       | 0                                    | 0                                  | 0                                    |
| 3-Dec-10  | 2300                 | 9.2                | 217                    | SW                    | 46.8      | 35.3                              | 16.4        | 0                       | 0                                    | 0                                  | 0                                    |
| 3-Dec-10  | 2400                 | 8.9                | 223                    | SW                    | 45.5      | 20.6                              | 6.1         | 0                       | 0                                    | 0                                  | 0                                    |

## Lafarge Stoney Trailer Hourly Average Data

| Date  | Time MST Hour Ending | Wind Speed km/hour | Wind Direction Degrees | Wind Direction Sector | Sound dbA | TSP ug/m3                         | PM2.5 ug/m3 | Rainfall of the hour mm | Sound Alarm<br>1=Alarm<br>0=No Alarm | TSP Alarm<br>1=Alarm<br>0=No Alarm | PM2.5 Alarm<br>1=Alarm<br>0=No Alarm |
|---|----------------------|--------------------|------------------------|-----------------------|-----------|-----------------------------------|-------------|-------------------------|--------------------------------------|------------------------------------|--------------------------------------|
| <b>Alarms</b>   |                      |                    |                        |                       |           |                                   |             |                         |                                      |                                    |                                      |
| <b>PM2.5</b>  |                      |                    |                        |                       |           | 1 Hour Average – <b>80 ug/m3</b>  |             |                         |                                      |                                    |                                      |
| <b>TSP</b>  |                      |                    |                        |                       |           | 1 Hour Average – <b>267 ug/m3</b> |             |                         |                                      |                                    |                                      |
| <b>SOUND</b> Sound alarm is not considered if wind speed is greater than or equal to 11.6 km/hour                                 |                      |                    |                        |                       |           |                                   |             |                         |                                      |                                    |                                      |
| <b>MST</b> Mountain Standard time is applied to data; when Daylight Savings Time is in effect, it is used for alarm consideration |                      |                    |                        |                       |           |                                   |             |                         |                                      |                                    |                                      |
| <b>Rainfall</b> Sound Alarm is not considered when the rainfall over the hour is greater than or equal to 3 mm                    |                      |                    |                        |                       |           |                                   |             |                         |                                      |                                    |                                      |
| 1 Hour Average – Weekdays (Mon – Sat) Evenings (10:01pm-7:00am) – <b>50 dba</b>   |                      |                    |                        |                       |           |                                   |             |                         |                                      |                                    |                                      |
| 1 Hour Average – Weekdays (Mon – Sat) Daytime (7:01am-10:00pm) – <b>65 dba</b>  |                      |                    |                        |                       |           |                                   |             |                         |                                      |                                    |                                      |
| 1 Hour Average – Weekends (Sat/Sun & holidays) Evenings (10:01pm-9:00am) – <b>50 dba</b>  |                      |                    |                        |                       |           |                                   |             |                         |                                      |                                    |                                      |
| 1 Hour Average – Weekends (Sat/Sun & holidays) Daytime (9:01am-10:00pm) – <b>65 dba</b>   |                      |                    |                        |                       |           |                                   |             |                         |                                      |                                    |                                      |
|   |                      |                    |                        |                       |           |                                   |             |                         |                                      |                                    |                                      |
| 4-Dec-10  | 100                  | 6.5                | 203                    | SSW                   | 44.5      | 26.6                              | 7.9         | 0                       | 0                                    | 0                                  | 0                                    |
| 4-Dec-10  | 200                  | 12.2               | 220                    | SW                    | 43.7      | 33.7                              | 10.0        | 0                       | 0                                    | 0                                  | 0                                    |
| 4-Dec-10  | 300                  | 12.1               | 224                    | SW                    | 43.9      | 29.0                              | 6.7         | 0                       | 0                                    | 0                                  | 0                                    |
| 4-Dec-10  | 400                  | 10.4               | 235                    | SW                    | 44.6      | 36.4                              | 8.0         | 0                       | 0                                    | 0                                  | 0                                    |
| 4-Dec-10  | 500                  | 11.0               | 254                    | WSW                   | 43.8      | 16.5                              | 3.5         | 0                       | 0                                    | 0                                  | 0                                    |
| 4-Dec-10  | 600                  | 14.1               | 263                    | W                     | 43.4      | 22.2                              | 6.9         | 0                       | 0                                    | 0                                  | 0                                    |
| 4-Dec-10  | 700                  | 13.4               | 260                    | W                     | 45.2      | 26.9                              | 13.4        | 0                       | 0                                    | 0                                  | 0                                    |
| 4-Dec-10  | 800                  | 14.2               | 262                    | W                     | 44.9      | 9.5                               | 3.3         | 0                       | 0                                    | 0                                  | 0                                    |
| 4-Dec-10  | 900                  | 12.8               | 259                    | WSW                   | 45.4      | 8.1                               | 1.7         | 0                       | 0                                    | 0                                  | 0                                    |
| 4-Dec-10  | 1000                 | 12.4               | 264                    | W                     | 45.6      | 4.0                               | 2.6         | 0                       | 0                                    | 0                                  | 0                                    |
| 4-Dec-10  | 1100                 | 13.8               | 268                    | W                     | 52.0      | 7.6                               | 4.3         | 0                       | 0                                    | 0                                  | 0                                    |
| 4-Dec-10  | 1200                 | 12.3               | 269                    | W                     | 51.9      | 1.7                               | 0.5         | 0                       | 0                                    | 0                                  | 0                                    |
| 4-Dec-10  | 1300                 | 16.9               | 272                    | W                     | 52.5      | 3.9                               | 2.0         | 0                       | 0                                    | 0                                  | 0                                    |
| 4-Dec-10  | 1400                 | 15.6               | 296                    | WNW                   | 48.8      | 7.5                               | 1.3         | 0                       | 0                                    | 0                                  | 0                                    |
| 4-Dec-10  | 1500                 | 11.2               | 302                    | WNW                   | 46.5      | 2.2                               | 1.1         | 0                       | 0                                    | 0                                  | 0                                    |
| 4-Dec-10  | 1600                 | 8.3                | 306                    | NW                    | 46.2      | 6.3                               | 1.2         | 0                       | 0                                    | 0                                  | 0                                    |



## Lafarge Stoney Trailer Hourly Average Data

| Date  | Time MST Hour Ending | Wind Speed km/hour | Wind Direction Degrees | Wind Direction Sector | Sound dbA | TSP ug/m3                         | PM2.5 ug/m3 | Rainfall of the hour mm | Sound Alarm<br>1=Alarm<br>0=No Alarm | TSP Alarm<br>1=Alarm<br>0=No Alarm | PM2.5 Alarm<br>1=Alarm<br>0=No Alarm |
|---|----------------------|--------------------|------------------------|-----------------------|-----------|-----------------------------------|-------------|-------------------------|--------------------------------------|------------------------------------|--------------------------------------|
| <b>Alarms</b>   |                      |                    |                        |                       |           |                                   |             |                         |                                      |                                    |                                      |
| <b>PM2.5</b>  |                      |                    |                        |                       |           | 1 Hour Average – <b>80 ug/m3</b>  |             |                         |                                      |                                    |                                      |
| <b>TSP</b>  |                      |                    |                        |                       |           | 1 Hour Average – <b>267 ug/m3</b> |             |                         |                                      |                                    |                                      |
| <b>SOUND</b> Sound alarm is not considered if wind speed is greater than or equal to 11.6 km/hour                                 |                      |                    |                        |                       |           |                                   |             |                         |                                      |                                    |                                      |
| <b>MST</b> Mountain Standard time is applied to data; when Daylight Savings Time is in effect, it is used for alarm consideration |                      |                    |                        |                       |           |                                   |             |                         |                                      |                                    |                                      |
| <b>Rainfall</b> Sound Alarm is not considered when the rainfall over the hour is greater than or equal to 3 mm                    |                      |                    |                        |                       |           |                                   |             |                         |                                      |                                    |                                      |
| 1 Hour Average – Weekdays (Mon – Sat) Evenings (10:01pm-7:00am) – <b>50 dba</b>   |                      |                    |                        |                       |           |                                   |             |                         |                                      |                                    |                                      |
| 1 Hour Average – Weekdays (Mon – Sat) Daytime (7:01am-10:00pm) – <b>65 dba</b>  |                      |                    |                        |                       |           |                                   |             |                         |                                      |                                    |                                      |
| 1 Hour Average – Weekends (Sat/Sun & holidays) Evenings (10:01pm-9:00am) – <b>50 dba</b>  |                      |                    |                        |                       |           |                                   |             |                         |                                      |                                    |                                      |
| 1 Hour Average – Weekends (Sat/Sun & holidays) Daytime (9:01am-10:00pm) – <b>65 dba</b>   |                      |                    |                        |                       |           |                                   |             |                         |                                      |                                    |                                      |
|   |                      |                    |                        |                       |           |                                   |             |                         |                                      |                                    |                                      |
| 4-Dec-10  | 1700                 | 6.2                | 358                    | N                     | 48.0      | 16.8                              | 2.6         | 0                       | 0                                    | 0                                  | 0                                    |
| 4-Dec-10  | 1800                 | 6.5                | 185                    | S                     | 46.2      | 86.0                              | 15.3        | 0                       | 0                                    | 0                                  | 0                                    |
| 4-Dec-10  | 1900                 | 9.2                | 180                    | S                     | 46.2      | 70.7                              | 13.4        | 0                       | 0                                    | 0                                  | 0                                    |
| 4-Dec-10  | 2000                 | 7.4                | 180                    | S                     | 46.0      | 62.5                              | 10.6        | 0                       | 0                                    | 0                                  | 0                                    |
| 4-Dec-10  | 2100                 | 9.7                | 203                    | SSW                   | 45.2      | 38.7                              | 12.0        | 0                       | 0                                    | 0                                  | 0                                    |
| 4-Dec-10  | 2200                 | 12.3               | 225                    | SW                    | 44.5      | 13.9                              | 5.0         | 0                       | 0                                    | 0                                  | 0                                    |
| 4-Dec-10  | 2300                 | 15.1               | 222                    | SW                    | 47.1      | 4.6                               | 2.1         | 0                       | 0                                    | 0                                  | 0                                    |
| 4-Dec-10  | 2400                 | 13.7               | 226                    | SW                    | 44.7      | 8.6                               | 1.1         | 0                       | 0                                    | 0                                  | 0                                    |
| 5-Dec-10  | 100                  | 12.0               | 240                    | WSW                   | 44.1      | 8.3                               | 1.5         | 0                       | 0                                    | 0                                  | 0                                    |
| 5-Dec-10  | 200                  | 11.3               | 258                    | WSW                   | 43.6      | 3.0                               | 1.2         | 0                       | 0                                    | 0                                  | 0                                    |
| 5-Dec-10  | 300                  | 15.8               | 269                    | W                     | 43.3      | 4.6                               | 2.4         | 0                       | 0                                    | 0                                  | 0                                    |
| 5-Dec-10  | 400                  | 15.4               | 271                    | W                     | 43.0      | 4.2                               | 0.5         | 0                       | 0                                    | 0                                  | 0                                    |
| 5-Dec-10  | 500                  | 13.1               | 294                    | WNW                   | 42.4      | 3.9                               | 0.6         | 0                       | 0                                    | 0                                  | 0                                    |
| 5-Dec-10  | 600                  | 16.7               | 293                    | WNW                   | 44.7      | 4.3                               | 1.2         | 0                       | 0                                    | 0                                  | 0                                    |
| 5-Dec-10  | 700                  | 16.1               | 301                    | WNW                   | 43.8      | 3.3                               | 0.6         | 0                       | 0                                    | 0                                  | 0                                    |
| 5-Dec-10  | 800                  | 13.3               | 288                    | WNW                   | 42.2      | 5.8                               | 0.8         | 0                       | 0                                    | 0                                  | 0                                    |

## Lafarge Stoney Trailer Hourly Average Data

| Date  | Time MST Hour Ending | Wind Speed km/hour | Wind Direction Degrees | Wind Direction Sector | Sound dbA | TSP ug/m3                         | PM2.5 ug/m3 | Rainfall of the hour mm | Sound Alarm<br>1=Alarm<br>0=No Alarm | TSP Alarm<br>1=Alarm<br>0=No Alarm | PM2.5 Alarm<br>1=Alarm<br>0=No Alarm |
|---|----------------------|--------------------|------------------------|-----------------------|-----------|-----------------------------------|-------------|-------------------------|--------------------------------------|------------------------------------|--------------------------------------|
| <b>Alarms</b>   |                      |                    |                        |                       |           |                                   |             |                         |                                      |                                    |                                      |
| <b>PM2.5</b>  |                      |                    |                        |                       |           | 1 Hour Average – <b>80 ug/m3</b>  |             |                         |                                      |                                    |                                      |
| <b>TSP</b>  |                      |                    |                        |                       |           | 1 Hour Average – <b>267 ug/m3</b> |             |                         |                                      |                                    |                                      |
| <b>SOUND</b> Sound alarm is not considered if wind speed is greater than or equal to 11.6 km/hour                                 |                      |                    |                        |                       |           |                                   |             |                         |                                      |                                    |                                      |
| <b>MST</b> Mountain Standard time is applied to data; when Daylight Savings Time is in effect, it is used for alarm consideration |                      |                    |                        |                       |           |                                   |             |                         |                                      |                                    |                                      |
| <b>Rainfall</b> Sound Alarm is not considered when the rainfall over the hour is greater than or equal to 3 mm                    |                      |                    |                        |                       |           |                                   |             |                         |                                      |                                    |                                      |
| 1 Hour Average – Weekdays (Mon – Sat) Evenings (10:01pm-7:00am) – <b>50 dba</b>   |                      |                    |                        |                       |           |                                   |             |                         |                                      |                                    |                                      |
| 1 Hour Average – Weekdays (Mon – Sat) Daytime (7:01am-10:00pm) – <b>65 dba</b>  |                      |                    |                        |                       |           |                                   |             |                         |                                      |                                    |                                      |
| 1 Hour Average – Weekends (Sat/Sun & holidays) Evenings (10:01pm-9:00am) – <b>50 dba</b>  |                      |                    |                        |                       |           |                                   |             |                         |                                      |                                    |                                      |
| 1 Hour Average – Weekends (Sat/Sun & holidays) Daytime (9:01am-10:00pm) – <b>65 dba</b>   |                      |                    |                        |                       |           |                                   |             |                         |                                      |                                    |                                      |
|   |                      |                    |                        |                       |           |                                   |             |                         |                                      |                                    |                                      |
| 5-Dec-10  | 900                  | 15.7               | 294                    | WNW                   | 43.2      | 2.8                               | 0.6         | 0                       | 0                                    | 0                                  | 0                                    |
| 5-Dec-10  | 1000                 | 15.5               | 281                    | W                     | 43.3      | 7.3                               | 1.6         | 0                       | 0                                    | 0                                  | 0                                    |
| 5-Dec-10  | 1100                 | 15.6               | 280                    | W                     | 48.8      | 3.0                               | 0.7         | 0                       | 0                                    | 0                                  | 0                                    |
| 5-Dec-10  | 1200                 | 12.0               | 269                    | W                     | 46.1      | 4.5                               | 0.4         | 0                       | 0                                    | 0                                  | 0                                    |
| 5-Dec-10  | 1300                 | 10.8               | 275                    | W                     | 52.4      | 3.4                               | 0.2         | 0                       | 0                                    | 0                                  | 0                                    |
| 5-Dec-10  | 1400                 | 9.5                | 259                    | W                     | 49.3      | 2.1                               | 0.4         | 0                       | 0                                    | 0                                  | 0                                    |
| 5-Dec-10  | 1500                 | 8.1                | 255                    | WSW                   | 46.2      | 8.1                               | 0.4         | 0                       | 0                                    | 0                                  | 0                                    |
| 5-Dec-10  | 1600                 | 9.1                | 249                    | WSW                   | 45.4      | 3.9                               | 0.3         | 0                       | 0                                    | 0                                  | 0                                    |
| 5-Dec-10  | 1700                 | 10.0               | 249                    | WSW                   | 46.0      | 3.4                               | 1.2         | 0                       | 0                                    | 0                                  | 0                                    |
| 5-Dec-10  | 1800                 | 10.1               | 250                    | WSW                   | 46.0      | 2.1                               | 1.3         | 0                       | 0                                    | 0                                  | 0                                    |
| 5-Dec-10  | 1900                 | 10.0               | 257                    | WSW                   | 45.2      | 4.2                               | 1.2         | 0                       | 0                                    | 0                                  | 0                                    |
| 5-Dec-10  | 2000                 | 13.2               | 270                    | W                     | 44.8      | 6.3                               | 3.2         | 0                       | 0                                    | 0                                  | 0                                    |
| 5-Dec-10  | 2100                 | 16.4               | 271                    | W                     | 45.5      | 9.2                               | 3.0         | 0                       | 0                                    | 0                                  | 0                                    |
| 5-Dec-10  | 2200                 | 13.5               | 274                    | W                     | 44.9      | 7.6                               | 3.0         | 0                       | 0                                    | 0                                  | 0                                    |
| 5-Dec-10  | 2300                 | 8.4                | 293                    | WNW                   | 45.4      | 1.8                               | 0.6         | 0                       | 0                                    | 0                                  | 0                                    |
| 5-Dec-10  | 2400                 | 9.6                | 293                    | WNW                   | 45.1      | 3.4                               | 1.9         | 0                       | 0                                    | 0                                  | 0                                    |

## Lafarge Stoney Trailer Hourly Average Data

| Date  | Time MST Hour Ending | Wind Speed km/hour | Wind Direction Degrees | Wind Direction Sector | Sound dbA                         | TSP ug/m3 | PM2.5 ug/m3 | Rainfall of the hour mm | Sound Alarm<br>1=Alarm<br>0=No Alarm | TSP Alarm<br>1=Alarm<br>0=No Alarm | PM2.5 Alarm<br>1=Alarm<br>0=No Alarm |
|---|----------------------|--------------------|------------------------|-----------------------|-----------------------------------|-----------|-------------|-------------------------|--------------------------------------|------------------------------------|--------------------------------------|
| <b>Alarms</b>   |                      |                    |                        |                       |                                   |           |             |                         |                                      |                                    |                                      |
| <b>PM2.5</b>  |                      |                    |                        |                       | 1 Hour Average – <b>80 ug/m3</b>  |           |             |                         |                                      |                                    |                                      |
| <b>TSP</b>  |                      |                    |                        |                       | 1 Hour Average – <b>267 ug/m3</b> |           |             |                         |                                      |                                    |                                      |
| <b>SOUND</b> Sound alarm is not considered if wind speed is greater than or equal to 11.6 km/hour                                 |                      |                    |                        |                       |                                   |           |             |                         |                                      |                                    |                                      |
| <b>MST</b> Mountain Standard time is applied to data; when Daylight Savings Time is in effect, it is used for alarm consideration |                      |                    |                        |                       |                                   |           |             |                         |                                      |                                    |                                      |
| <b>Rainfall</b> Sound Alarm is not considered when the rainfall over the hour is greater than or equal to 3 mm                    |                      |                    |                        |                       |                                   |           |             |                         |                                      |                                    |                                      |
| 1 Hour Average – Weekdays (Mon – Sat) Evenings (10:01pm-7:00am) – <b>50 dba</b>   |                      |                    |                        |                       |                                   |           |             |                         |                                      |                                    |                                      |
| 1 Hour Average – Weekdays (Mon – Sat) Daytime (7:01am-10:00pm) – <b>65 dba</b>  |                      |                    |                        |                       |                                   |           |             |                         |                                      |                                    |                                      |
| 1 Hour Average – Weekends (Sat/Sun & holidays) Evenings (10:01pm-9:00am) – <b>50 dba</b>  |                      |                    |                        |                       |                                   |           |             |                         |                                      |                                    |                                      |
| 1 Hour Average – Weekends (Sat/Sun & holidays) Daytime (9:01am-10:00pm) – <b>65 dba</b>   |                      |                    |                        |                       |                                   |           |             |                         |                                      |                                    |                                      |
|   |                      |                    |                        |                       |                                   |           |             |                         |                                      |                                    |                                      |
| 6-Dec-10  | 100                  | 13.2               | 275                    | W                     | 43.4                              | 2.0       | 0.3         | 0                       | 0                                    | 0                                  | 0                                    |
| 6-Dec-10  | 200                  | 12.5               | 285                    | WNW                   | 44.7                              | 7.9       | 4.2         | 0                       | 0                                    | 0                                  | 0                                    |
| 6-Dec-10  | 300                  | 11.8               | 292                    | WNW                   | 45.2                              | 3.9       | 0.6         | 0                       | 0                                    | 0                                  | 0                                    |
| 6-Dec-10  | 400                  | 11.2               | 289                    | WNW                   | 44.1                              | 2.6       | 0.5         | 0                       | 0                                    | 0                                  | 0                                    |
| 6-Dec-10  | 500                  | 10.7               | 292                    | WNW                   | 44.3                              | 4.0       | 1.2         | 0                       | 0                                    | 0                                  | 0                                    |
| 6-Dec-10  | 600                  | 13.7               | 272                    | W                     | 44.5                              | 1.3       | 0.3         | 0                       | 0                                    | 0                                  | 0                                    |
| 6-Dec-10  | 700                  | 9.6                | 267                    | W                     | 47.4                              | 1.5       | 0.3         | 0                       | 0                                    | 0                                  | 0                                    |
| 6-Dec-10  | 800                  | 11.2               | 256                    | WSW                   | 51.4                              | 1.9       | 0.5         | 0                       | 0                                    | 0                                  | 0                                    |