

## BLV Group 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 alarm</b>                          |                      | 1 Hour Average – <b>85 dba</b>    |                        |                       |           |           |             |                         |                                      |                                    |                                      |
| <b>All Times are Mountain Standard Time</b> |                      |                                   |                        |                       |           |           |             |                         |                                      |                                    |                                      |
|   |                      |                                   |                        |                       |           |           |             |                         |                                      |                                    |                                      |
| 17-Sep-12                                   | 700                  | 10.6                              | 266                    | W                     | 60.7      | 28.2      | 6.8         | 0                       | 0                                    | 0                                  | 0                                    |
| 17-Sep-12                                   | 800                  | 10.3                              | 276                    | W                     | 60.1      | 59.3      | 14.0        | 0                       | 0                                    | 0                                  | 0                                    |
| 17-Sep-12                                   | 900                  | 11.1                              | 284                    | WNW                   | 57.3      | 143.5     | 21.8        | 0                       | 0                                    | 0                                  | 0                                    |
| 17-Sep-12                                   | 1000                 | 10.2                              | 290                    | WNW                   | 57.2      | 50.1      | 10.0        | 0                       | 0                                    | 0                                  | 0                                    |
| 17-Sep-12                                   | 1100                 | 8.3                               | 310                    | NW                    | 55.6      | 49.9      | 13.0        | 0                       | 0                                    | 0                                  | 0                                    |
| 17-Sep-12                                   | 1200                 | 11.6                              | 284                    | WNW                   | 54.9      | 65.1      | 12.7        | 0                       | 0                                    | 0                                  | 0                                    |
| 17-Sep-12                                   | 1300                 | 10.6                              | 296                    | WNW                   | 55.4      | 59.0      | 10.9        | 0                       | 0                                    | 0                                  | 0                                    |
| 17-Sep-12                                   | 1400                 | 11.5                              | 313                    | NW                    | 55.8      | 68.0      | 10.0        | 0                       | 0                                    | 0                                  | 0                                    |
| 17-Sep-12                                   | 1500                 | 13.5                              | 323                    | NW                    | 57.0      | 41.8      | 5.6         | 0                       | 0                                    | 0                                  | 0                                    |
| 17-Sep-12                                   | 1600                 | 11.1                              | 335                    | NNW                   | 55.0      | 12.7      | 2.0         | 0                       | 0                                    | 0                                  | 0                                    |
| 17-Sep-12                                   | 1700                 | 7.9                               | 359                    | N                     | 55.4      | 0.6       | 0.4         | 0                       | 0                                    | 0                                  | 0                                    |
| 17-Sep-12                                   | 1800                 | 5.5                               | 18                     | NNE                   | 55.6      | 2.9       | 0.7         | 0                       | 0                                    | 0                                  | 0                                    |
| 17-Sep-12                                   | 1900                 | 6.3                               | 41                     | NE                    | 56.2      | 5.0       | 1.4         | 0                       | 0                                    | 0                                  | 0                                    |
| 17-Sep-12                                   | 2000                 | 6.0                               | 6                      | N                     | 56.9      | 184.2     | 54.0        | 0                       | 0                                    | 0                                  | 0                                    |
| 17-Sep-12                                   | 2100                 | 5.8                               | 311                    | NW                    | 55.9      | 627.5     | 156.5       | 0                       | 0                                    | 1                                  | 1                                    |
| 17-Sep-12                                   | 2200                 | 9.2                               | 258                    | WSW                   | 55.8      | 39.7      | 25.3        | 0                       | 0                                    | 0                                  | 0                                    |
| 17-Sep-12                                   | 2300                 | 12.0                              | 242                    | WSW                   | 55.5      | 36.8      | 34.2        | 0                       | 0                                    | 0                                  | 0                                    |
| 17-Sep-12                                   | 2400                 | 15.1                              | 239                    | WSW                   | 57.3      | 38.2      | 18.6        | 0                       | 0                                    | 0                                  | 0                                    |
| 18-Sep-12                                   | 100                  | 12.8                              | 248                    | WSW                   | 58.5      | 29.2      | 11.1        | 0                       | 0                                    | 0                                  | 0                                    |
| 18-Sep-12                                   | 200                  | 15.1                              | 257                    | WSW                   | 58.4      | 29.6      | 11.8        | 0                       | 0                                    | 0                                  | 0                                    |
| 18-Sep-12                                   | 300                  | 17.3                              | 259                    | W                     | 58.0      | 22.6      | 7.3         | 0                       | 0                                    | 0                                  | 0                                    |

## BLV Group 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 alarm</b>                          |                      | 1 Hour Average – <b>85 dba</b>    |                        |                       |           |           |             |                         |                                      |                                    |                                      |
| <b>All Times are Mountain Standard Time</b> |                      |                                   |                        |                       |           |           |             |                         |                                      |                                    |                                      |
|   |                      |                                   |                        |                       |           |           |             |                         |                                      |                                    |                                      |
| 17-Sep-12                                   | 700                  | 10.6                              | 266                    | W                     | 60.7      | 28.2      | 6.8         | 0                       | 0                                    | 0                                  | 0                                    |
| 18-Sep-12                                   | 400                  | 17.8                              | 264                    | W                     | 56.6      | 25.4      | 10.2        | 0                       | 0                                    | 0                                  | 0                                    |
| 18-Sep-12                                   | 500                  | 20.5                              | 270                    | W                     | 55.9      | 22.8      | 10.5        | 0                       | 0                                    | 0                                  | 0                                    |
| 18-Sep-12                                   | 600                  | 19.9                              | 271                    | W                     | 57.2      | 22.1      | 6.1         | 0                       | 0                                    | 0                                  | 0                                    |
| 18-Sep-12                                   | 700                  | 21.1                              | 267                    | W                     | 58.2      | 24.7      | 7.9         | 0                       | 0                                    | 0                                  | 0                                    |
| 18-Sep-12                                   | 800                  | 19.8                              | 268                    | W                     | 57.9      | 18.0      | 6.5         | 0                       | 0                                    | 0                                  | 0                                    |
| 18-Sep-12                                   | 900                  | 19.9                              | 265                    | W                     | 55.9      | 19.2      | 7.6         | 0                       | 0                                    | 0                                  | 0                                    |
| 18-Sep-12                                   | 1000                 | 19.5                              | 258                    | WSW                   | 55.2      | 25.0      | 7.6         | 0                       | 0                                    | 0                                  | 0                                    |
| 18-Sep-12                                   | 1100                 | 20.6                              | 271                    | W                     | 53.7      | 55.7      | 9.9         | 0                       | 0                                    | 0                                  | 0                                    |
| 18-Sep-12                                   | 1200                 | 19.0                              | 276                    | W                     | 53.2      | 60.7      | 10.9        | 0                       | 0                                    | 0                                  | 0                                    |
| 18-Sep-12                                   | 1300                 | 24.1                              | 358                    | N                     | 57.9      | 222.2     | 55.7        | 0                       | 0                                    | 0                                  | 0                                    |
| 18-Sep-12                                   | 1400                 | 24.5                              | 13                     | NNE                   | 58.3      | 316.5     | 101.2       | 0                       | 0                                    | 1                                  | 1                                    |
| 18-Sep-12                                   | 1500                 | 24.6                              | 8                      | N                     | 58.3      | 317.6     | 100.0       | 0                       | 0                                    | 1                                  | 1                                    |
| 18-Sep-12                                   | 1600                 | 22.7                              | 8                      | N                     | 57.6      | 296.4     | 91.4        | 0                       | 0                                    | 1                                  | 1                                    |
| 18-Sep-12                                   | 1700                 | 23.1                              | 5                      | N                     | 56.2      | 166.2     | 45.6        | 0                       | 0                                    | 0                                  | 0                                    |
| 18-Sep-12                                   | 1800                 | 16.1                              | 358                    | N                     | 55.1      | 128.2     | 40.9        | 0                       | 0                                    | 0                                  | 0                                    |
| 18-Sep-12                                   | 1900                 | 7.5                               | 351                    | N                     | 56.4      | 116.9     | 45.0        | 0                       | 0                                    | 0                                  | 0                                    |
| 18-Sep-12                                   | 2000                 | 7.3                               | 353                    | N                     | 57.9      | 102.8     | 42.4        | 0                       | 0                                    | 0                                  | 0                                    |
| 18-Sep-12                                   | 2100                 | 8.0                               | 357                    | N                     | 57.0      | 92.7      | 30.4        | 0                       | 0                                    | 0                                  | 0                                    |
| 18-Sep-12                                   | 2200                 | 8.2                               | 356                    | N                     | 57.4      | 77.9      | 23.2        | 0                       | 0                                    | 0                                  | 0                                    |
| 18-Sep-12                                   | 2300                 | 10.2                              | 358                    | N                     | 57.4      | 52.8      | 19.5        | 0                       | 0                                    | 0                                  | 0                                    |

## BLV Group 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 alarm</b>                          |                      | 1 Hour Average – <b>85 dba</b>    |                        |                       |           |           |             |                         |                                      |                                    |                                      |
| <b>All Times are Mountain Standard Time</b> |                      |                                   |                        |                       |           |           |             |                         |                                      |                                    |                                      |
|   |                      |                                   |                        |                       |           |           |             |                         |                                      |                                    |                                      |
| 17-Sep-12                                   | 700                  | 10.6                              | 266                    | W                     | 60.7      | 28.2      | 6.8         | 0                       | 0                                    | 0                                  | 0                                    |
| 18-Sep-12                                   | 2400                 | 11.2                              | 3                      | N                     | 56.8      | 68.1      | 24.8        | 0                       | 0                                    | 0                                  | 0                                    |
| 19-Sep-12                                   | 100                  | 7.8                               | 7                      | N                     | 55.6      | 65.8      | 17.9        | 0                       | 0                                    | 0                                  | 0                                    |
| 19-Sep-12                                   | 200                  | 5.6                               | 240                    | WSW                   | 53.8      | 89.2      | 26.4        | 0                       | 0                                    | 0                                  | 0                                    |
| 19-Sep-12                                   | 300                  | 7.4                               | 236                    | SW                    | 50.0      | 82.2      | 25.5        | 0                       | 0                                    | 0                                  | 0                                    |
| 19-Sep-12                                   | 400                  | 6.0                               | 216                    | SW                    | 54.1      | 101.9     | 36.6        | 0                       | 0                                    | 0                                  | 0                                    |
| 19-Sep-12                                   | 500                  | 7.3                               | 183                    | S                     | 51.5      | 68.6      | 20.3        | 0                       | 0                                    | 0                                  | 0                                    |
| 19-Sep-12                                   | 600                  | 8.1                               | 196                    | SSW                   | 56.7      | 79.9      | 32.0        | 0                       | 0                                    | 0                                  | 0                                    |
| 19-Sep-12                                   | 700                  | 6.9                               | 190                    | S                     | 58.2      | 95.9      | 32.1        | 0                       | 0                                    | 0                                  | 0                                    |
| 19-Sep-12                                   | 800                  | 10.0                              | 183                    | S                     | 58.8      | 91.4      | 23.9        | 0                       | 0                                    | 0                                  | 0                                    |
| 19-Sep-12                                   | 900                  | 14.1                              | 175                    | S                     | 56.8      | 71.6      | 24.9        | 0                       | 0                                    | 0                                  | 0                                    |
| 19-Sep-12                                   | 1000                 | 18.3                              | 186                    | S                     | 56.7      | 66.9      | 14.2        | 0                       | 0                                    | 0                                  | 0                                    |
| 19-Sep-12                                   | 1100                 | 13.7                              | 191                    | S                     | 55.9      | 72.5      | 19.7        | 0                       | 0                                    | 0                                  | 0                                    |
| 19-Sep-12                                   | 1200                 | 9.0                               | 208                    | SSW                   | 55.6      | 76.7      | 27.3        | 0                       | 0                                    | 0                                  | 0                                    |
| 19-Sep-12                                   | 1300                 | 4.9                               | 322                    | NW                    | 55.6      | 78.0      | 20.6        | 0                       | 0                                    | 0                                  | 0                                    |
| 19-Sep-12                                   | 1400                 | 10.8                              | 351                    | N                     | 57.1      | 60.3      | 20.0        | 0                       | 0                                    | 0                                  | 0                                    |
| 19-Sep-12                                   | 1500                 | 9.8                               | 16                     | NNE                   | 57.1      | 91.0      | 16.6        | 0                       | 0                                    | 0                                  | 0                                    |
| 19-Sep-12                                   | 1600                 | 8.7                               | 5                      | N                     | 55.0      | 40.9      | 8.3         | 0                       | 0                                    | 0                                  | 0                                    |
| 19-Sep-12                                   | 1700                 | 10.0                              | 24                     | NNE                   | 54.8      | 10.5      | 2.3         | 0                       | 0                                    | 0                                  | 0                                    |
| 19-Sep-12                                   | 1800                 | 8.6                               | 29                     | NNE                   | 52.9      | 4.6       | 1.2         | 0                       | 0                                    | 0                                  | 0                                    |
| 19-Sep-12                                   | 1900                 | 10.0                              | 13                     | NNE                   | 53.0      | 20.6      | 3.9         | 0                       | 0                                    | 0                                  | 0                                    |

## BLV Group 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 alarm</b>                          |                      | 1 Hour Average – <b>85 dba</b>    |                        |                       |           |           |             |                         |                                      |                                    |                                      |
| <b>All Times are Mountain Standard Time</b> |                      |                                   |                        |                       |           |           |             |                         |                                      |                                    |                                      |
|   |                      |                                   |                        |                       |           |           |             |                         |                                      |                                    |                                      |
| 17-Sep-12                                   | 700                  | 10.6                              | 266                    | W                     | 60.7      | 28.2      | 6.8         | 0                       | 0                                    | 0                                  | 0                                    |
| 19-Sep-12                                   | 2000                 | 6.8                               | 345                    | NNW                   | 52.5      | 102.2     | 47.9        | 0                       | 0                                    | 0                                  | 0                                    |
| 19-Sep-12                                   | 2100                 | 7.3                               | 348                    | NNW                   | 51.6      | 74.4      | 48.4        | 0                       | 0                                    | 0                                  | 0                                    |
| 19-Sep-12                                   | 2200                 | 7.0                               | 355                    | N                     | 53.8      | 76.7      | 34.8        | 0                       | 0                                    | 0                                  | 0                                    |
| 19-Sep-12                                   | 2300                 | 6.5                               | 322                    | NW                    | 54.3      | 424.0     | 77.3        | 0                       | 0                                    | 1                                  | 0                                    |
| 19-Sep-12                                   | 2400                 | 6.5                               | 316                    | NW                    | 58.4      | 284.2     | 51.1        | 0                       | 0                                    | 1                                  | 0                                    |
| 20-Sep-12                                   | 100                  | 7.0                               | 279                    | W                     | 56.7      | 176.2     | 31.9        | 0                       | 0                                    | 0                                  | 0                                    |
| 20-Sep-12                                   | 200                  | 5.6                               | 291                    | WNW                   | 55.6      | 260.8     | 51.1        | 0                       | 0                                    | 0                                  | 0                                    |
| 20-Sep-12                                   | 300                  | 7.6                               | 278                    | W                     | 55.0      | 66.7      | 11.1        | 0                       | 0                                    | 0                                  | 0                                    |
| 20-Sep-12                                   | 400                  | 8.9                               | 281                    | W                     | 56.8      | 79.7      | 13.0        | 0                       | 0                                    | 0                                  | 0                                    |
| 20-Sep-12                                   | 500                  | 8.8                               | 269                    | W                     | 55.4      | 43.2      | 6.3         | 0                       | 0                                    | 0                                  | 0                                    |
| 20-Sep-12                                   | 600                  | 9.8                               | 252                    | WSW                   | 57.6      | 62.7      | 9.6         | 0                       | 0                                    | 0                                  | 0                                    |
| 20-Sep-12                                   | 700                  | 10.4                              | 253                    | WSW                   | 60.0      | 83.3      | 14.6        | 0                       | 0                                    | 0                                  | 0                                    |
| 20-Sep-12                                   | 800                  | 9.9                               | 265                    | W                     | 59.6      | 90.6      | 21.4        | 0                       | 0                                    | 0                                  | 0                                    |
| 20-Sep-12                                   | 900                  | 10.7                              | 241                    | WSW                   | 55.6      | 90.2      | 13.4        | 0                       | 0                                    | 0                                  | 0                                    |
| 20-Sep-12                                   | 1000                 | 12.9                              | 231                    | SW                    | 54.7      | 95.3      | 13.9        | 0                       | 0                                    | 0                                  | 0                                    |
| 20-Sep-12                                   | 1100                 | 13.9                              | 232                    | SW                    | 53.0      | 102.1     | 25.3        | 0                       | 0                                    | 0                                  | 0                                    |
| 20-Sep-12                                   | 1200                 | 8.6                               | 256                    | WSW                   | 54.0      | 83.6      | 17.4        | 0                       | 0                                    | 0                                  | 0                                    |
| 20-Sep-12                                   | 1300                 | 8.9                               | 336                    | NNW                   | 55.0      | 51.8      | 6.8         | 0                       | 0                                    | 0                                  | 0                                    |
| 20-Sep-12                                   | 1400                 | 9.7                               | 331                    | NNW                   | 54.0      | 29.6      | 4.0         | 0                       | 0                                    | 0                                  | 0                                    |
| 20-Sep-12                                   | 1500                 | 10.6                              | 339                    | NNW                   | 55.2      | 11.3      | 1.8         | 0                       | 0                                    | 0                                  | 0                                    |

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| 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 alarm</b>                          |                      | 1 Hour Average – <b>85 dba</b>    |                        |                       |           |           |             |                         |                                      |                                    |                                      |
| <b>All Times are Mountain Standard Time</b> |                      |                                   |                        |                       |           |           |             |                         |                                      |                                    |                                      |
|   |                      |                                   |                        |                       |           |           |             |                         |                                      |                                    |                                      |
| 17-Sep-12                                   | 700                  | 10.6                              | 266                    | W                     | 60.7      | 28.2      | 6.8         | 0                       | 0                                    | 0                                  | 0                                    |
| 20-Sep-12                                   | 1600                 | 9.2                               | 15                     | NNE                   | 56.6      | 1.4       | 0.6         | 0                       | 0                                    | 0                                  | 0                                    |
| 20-Sep-12                                   | 1700                 | 6.6                               | 37                     | NE                    | 55.9      | 2.4       | 0.6         | 0                       | 0                                    | 0                                  | 0                                    |
| 20-Sep-12                                   | 1800                 | 5.8                               | 54                     | NE                    | 55.2      | 4.1       | 0.8         | 0                       | 0                                    | 0                                  | 0                                    |
| 20-Sep-12                                   | 1900                 | 6.1                               | 58                     | ENE                   | 54.9      | 21.3      | 3.1         | 0                       | 0                                    | 0                                  | 0                                    |
| 20-Sep-12                                   | 2000                 | 5.0                               | 68                     | ENE                   | 54.4      | 449.1     | 65.8        | 0                       | 0                                    | 1                                  | 0                                    |
| 20-Sep-12                                   | 2100                 | 3.8                               | 62                     | ENE                   | 54.9      | 436.6     | 73.9        | 0                       | 0                                    | 1                                  | 0                                    |
| 20-Sep-12                                   | 2200                 | 4.3                               | 41                     | NE                    | 52.0      | 606.6     | 101.2       | 0                       | 0                                    | 1                                  | 1                                    |
| 20-Sep-12                                   | 2300                 | 4.8                               | 309                    | NW                    | 50.8      | 684.4     | 76.6        | 0                       | 0                                    | 1                                  | 0                                    |
| 20-Sep-12                                   | 2400                 | 7.5                               | 255                    | WSW                   | 53.7      | 137.3     | 23.7        | 0                       | 0                                    | 0                                  | 0                                    |
| 21-Sep-12                                   | 100                  | 8.7                               | 257                    | WSW                   | 54.7      | 136.3     | 93.5        | 0                       | 0                                    | 0                                  | 1                                    |
| 21-Sep-12                                   | 200                  | 7.4                               | 249                    | WSW                   | 52.9      | 125.4     | 20.8        | 0                       | 0                                    | 0                                  | 0                                    |
| 21-Sep-12                                   | 300                  | 6.2                               | 305                    | NW                    | 52.5      | 123.6     | 15.5        | 0                       | 0                                    | 0                                  | 0                                    |
| 21-Sep-12                                   | 400                  | 5.9                               | 311                    | NW                    | 53.7      | 344.9     | 52.4        | 0                       | 0                                    | 1                                  | 0                                    |
| 21-Sep-12                                   | 500                  | 7.3                               | 265                    | W                     | 56.8      | 156.0     | 30.7        | 0                       | 0                                    | 0                                  | 0                                    |
| 21-Sep-12                                   | 600                  | 5.7                               | 295                    | WNW                   | 59.0      | 155.9     | 22.8        | 0                       | 0                                    | 0                                  | 0                                    |
| 21-Sep-12                                   | 700                  | 7.6                               | 312                    | NW                    | 61.2      | 452.0     | 81.8        | 0                       | 0                                    | 1                                  | 1                                    |
| 21-Sep-12                                   | 800                  | 4.7                               | 299                    | WNW                   | 62.0      | 207.2     | 29.6        | 0                       | 0                                    | 0                                  | 0                                    |
| 21-Sep-12                                   | 900                  | 4.7                               | 347                    | NNW                   | 59.7      | 165.7     | 27.5        | 0                       | 0                                    | 0                                  | 0                                    |
| 21-Sep-12                                   | 1000                 | 6.2                               | 103                    | ESE                   | 60.8      | 224.5     | 29.4        | 0                       | 0                                    | 0                                  | 0                                    |
| 21-Sep-12                                   | 1100                 | 8.9                               | 155                    | SSE                   | 59.8      | 56.7      | 7.7         | 0                       | 0                                    | 0                                  | 0                                    |

## BLV Group 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 alarm</b>                          |                      | 1 Hour Average – <b>85 dba</b>    |                        |                       |           |           |             |                         |                                      |                                    |                                      |
| <b>All Times are Mountain Standard Time</b> |                      |                                   |                        |                       |           |           |             |                         |                                      |                                    |                                      |
|   |                      |                                   |                        |                       |           |           |             |                         |                                      |                                    |                                      |
| 17-Sep-12                                   | 700                  | 10.6                              | 266                    | W                     | 60.7      | 28.2      | 6.8         | 0                       | 0                                    | 0                                  | 0                                    |
| 21-Sep-12                                   | 1200                 | 10.6                              | 134                    | SE                    | 59.5      | 0.7       | 0.6         | 0                       | 0                                    | 0                                  | 0                                    |
| 21-Sep-12                                   | 1300                 | 14.1                              | 124                    | SE                    | 58.8      | 1.4       | 0.8         | 0                       | 0                                    | 0                                  | 0                                    |
| 21-Sep-12                                   | 1400                 | 16.2                              | 142                    | SE                    | 57.9      | 2.0       | 1.3         | 0                       | 0                                    | 0                                  | 0                                    |
| 21-Sep-12                                   | 1500                 | 16.8                              | 137                    | SE                    | 58.6      | 4.3       | 1.3         | 0                       | 0                                    | 0                                  | 0                                    |
| 21-Sep-12                                   | 1600                 | 16.7                              | 132                    | SE                    | 56.7      | 6.9       | 1.7         | 0                       | 0                                    | 0                                  | 0                                    |
| 21-Sep-12                                   | 1700                 | 17.2                              | 122                    | ESE                   | 55.5      | 10.2      | 5.1         | 0                       | 0                                    | 0                                  | 0                                    |
| 21-Sep-12                                   | 1800                 | 15.2                              | 120                    | ESE                   | 54.5      | 23.4      | 9.9         | 0                       | 0                                    | 0                                  | 0                                    |
| 21-Sep-12                                   | 1900                 | 14.2                              | 125                    | SE                    | 54.8      | 64.3      | 12.5        | 0                       | 0                                    | 0                                  | 0                                    |
| 21-Sep-12                                   | 2000                 | 13.9                              | 132                    | SE                    | 52.8      | 157.0     | 16.8        | 0                       | 0                                    | 0                                  | 0                                    |
| 21-Sep-12                                   | 2100                 | 15.9                              | 142                    | SE                    | 51.6      | 24.7      | 9.6         | 0                       | 0                                    | 0                                  | 0                                    |
| 21-Sep-12                                   | 2200                 | 14.6                              | 159                    | SSE                   | 50.2      | 120.2     | 14.4        | 0                       | 0                                    | 0                                  | 0                                    |
| 21-Sep-12                                   | 2300                 | 14.9                              | 161                    | SSE                   | 50.7      | 164.9     | 17.4        | 0                       | 0                                    | 0                                  | 0                                    |
| 21-Sep-12                                   | 2400                 | 17.0                              | 165                    | SSE                   | 50.2      | 68.3      | 12.5        | 0                       | 0                                    | 0                                  | 0                                    |
| 22-Sep-12                                   | 100                  | 17.9                              | 171                    | S                     | 50.3      | 62.4      | 12.1        | 0                       | 0                                    | 0                                  | 0                                    |
| 22-Sep-12                                   | 200                  | 16.2                              | 176                    | S                     | 49.4      | 177.3     | 17.2        | 0                       | 0                                    | 0                                  | 0                                    |
| 22-Sep-12                                   | 300                  | 11.2                              | 179                    | S                     | 48.3      | 160.8     | 15.9        | 0                       | 0                                    | 0                                  | 0                                    |
| 22-Sep-12                                   | 400                  | 11.0                              | 197                    | SSW                   | 47.2      | 188.3     | 103.4       | 0                       | 0                                    | 0                                  | 1                                    |
| 22-Sep-12                                   | 500                  | 6.2                               | 274                    | W                     | 51.9      | 190.8     | 26.4        | 0                       | 0                                    | 0                                  | 0                                    |
| 22-Sep-12                                   | 600                  | 6.8                               | 280                    | W                     | 56.7      | 192.1     | 28.4        | 0                       | 0                                    | 0                                  | 0                                    |
| 22-Sep-12                                   | 700                  | 6.4                               | 283                    | WNW                   | 59.1      | 346.5     | 42.7        | 0                       | 0                                    | 1                                  | 0                                    |

## BLV Group 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 alarm</b>                          |                      | 1 Hour Average – <b>85 dba</b>    |                        |                       |           |           |             |                         |                                      |                                    |                                      |
| <b>All Times are Mountain Standard Time</b> |                      |                                   |                        |                       |           |           |             |                         |                                      |                                    |                                      |
|   |                      |                                   |                        |                       |           |           |             |                         |                                      |                                    |                                      |
| 17-Sep-12                                   | 700                  | 10.6                              | 266                    | W                     | 60.7      | 28.2      | 6.8         | 0                       | 0                                    | 0                                  | 0                                    |
| 22-Sep-12                                   | 800                  | 6.7                               | 255                    | WSW                   | 59.1      | 135.1     | 15.5        | 0                       | 0                                    | 0                                  | 0                                    |
| 22-Sep-12                                   | 900                  | 3.9                               | 217                    | SW                    | 57.3      | 182.3     | 20.2        | 0                       | 0                                    | 0                                  | 0                                    |
| 22-Sep-12                                   | 1000                 | 5.4                               | 162                    | SSE                   | 57.5      | 198.7     | 31.0        | 0                       | 0                                    | 0                                  | 0                                    |
| 22-Sep-12                                   | 1100                 | 4.6                               | 176                    | S                     | 56.1      | 159.2     | 20.8        | 0                       | 0                                    | 0                                  | 0                                    |
| 22-Sep-12                                   | 1200                 | 6.5                               | 14                     | NNE                   | 54.7      | 208.2     | 35.4        | 0                       | 0                                    | 0                                  | 0                                    |
| 22-Sep-12                                   | 1300                 | 10.1                              | 77                     | ENE                   | 55.2      | 31.4      | 6.8         | 0                       | 0                                    | 0                                  | 0                                    |
| 22-Sep-12                                   | 1400                 | 8.7                               | 89                     | E                     | 55.0      | 0.7       | 0.5         | 0                       | 0                                    | 0                                  | 0                                    |
| 22-Sep-12                                   | 1500                 | 9.7                               | 95                     | E                     | 53.5      | 1.1       | 0.9         | 0                       | 0                                    | 0                                  | 0                                    |
| 22-Sep-12                                   | 1600                 | 8.9                               | 113                    | ESE                   | 52.0      | 1.6       | 1.0         | 0                       | 0                                    | 0                                  | 0                                    |
| 22-Sep-12                                   | 1700                 | 11.1                              | 108                    | ESE                   | 50.6      | 4.7       | 2.9         | 0                       | 0                                    | 0                                  | 0                                    |
| 22-Sep-12                                   | 1800                 | 9.2                               | 144                    | SE                    | 49.0      | 9.4       | 8.8         | 0                       | 0                                    | 0                                  | 0                                    |
| 22-Sep-12                                   | 1900                 | 3.4                               | 129                    | SE                    | 48.8      | 12.7      | 10.0        | 0                       | 0                                    | 0                                  | 0                                    |
| 22-Sep-12                                   | 2000                 | 8.2                               | 121                    | ESE                   | 48.2      | 38.2      | 13.9        | 0                       | 0                                    | 0                                  | 0                                    |
| 22-Sep-12                                   | 2100                 | 8.9                               | 140                    | SE                    | 46.7      | 61.5      | 13.9        | 0                       | 0                                    | 0                                  | 0                                    |
| 22-Sep-12                                   | 2200                 | 9.8                               | 156                    | SSE                   | 46.3      | 15.7      | 11.6        | 0                       | 0                                    | 0                                  | 0                                    |
| 22-Sep-12                                   | 2300                 | 5.4                               | 324                    | NW                    | 46.9      | 42.1      | 21.1        | 0                       | 0                                    | 0                                  | 0                                    |
| 22-Sep-12                                   | 2400                 | 6.6                               | 307                    | NW                    | 46.5      | 45.0      | 20.7        | 0                       | 0                                    | 0                                  | 0                                    |
| 23-Sep-12                                   | 100                  | 4.0                               | 258                    | WSW                   | 44.4      | 15.9      | 12.8        | 0                       | 0                                    | 0                                  | 0                                    |
| 23-Sep-12                                   | 200                  | 6.5                               | 307                    | NW                    | 45.4      | 86.6      | 15.3        | 0                       | 0                                    | 0                                  | 0                                    |
| 23-Sep-12                                   | 300                  | 6.2                               | 300                    | WNW                   | 43.9      | 13.7      | 10.1        | 0                       | 0                                    | 0                                  | 0                                    |

## BLV Group 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 alarm</b>                          |                      | 1 Hour Average – <b>85 dba</b>    |                        |                       |           |           |             |                         |                                      |                                    |                                      |
| <b>All Times are Mountain Standard Time</b> |                      |                                   |                        |                       |           |           |             |                         |                                      |                                    |                                      |
| 17-Sep-12                                   | 700                  | 10.6                              | 266                    | W                     | 60.7      | 28.2      | 6.8         | 0                       | 0                                    | 0                                  | 0                                    |
| 23-Sep-12                                   | 400                  | 6.7                               | 326                    | NNW                   | 43.7      | 96.3      | 14.1        | 0                       | 0                                    | 0                                  | 0                                    |
| 23-Sep-12                                   | 500                  | 7.6                               | 311                    | NW                    | 46.6      | 201.5     | 18.5        | 0                       | 0                                    | 0                                  | 0                                    |
| 23-Sep-12                                   | 600                  | 7.6                               | 316                    | NW                    | 51.0      | 198.0     | 18.1        | 0                       | 0                                    | 0                                  | 0                                    |
| 23-Sep-12                                   | 700                  | 7.3                               | 319                    | NW                    | 54.0      | 222.8     | 22.2        | 0                       | 0                                    | 0                                  | 0                                    |
| 23-Sep-12                                   | 800                  | 5.7                               | 303                    | WNW                   | 55.5      | 152.0     | 17.7        | 0                       | 0                                    | 0                                  | 0                                    |
| 23-Sep-12                                   | 900                  | 5.1                               | 290                    | WNW                   | 54.5      | 113.2     | 15.4        | 0                       | 0                                    | 0                                  | 0                                    |
| 23-Sep-12                                   | 1000                 | 4.7                               | 304                    | WNW                   | 53.6      | 215.7     | 21.0        | 0                       | 0                                    | 0                                  | 0                                    |
| 23-Sep-12                                   | 1100                 | 3.9                               | 77                     | ENE                   | 54.3      | 282.5     | 33.8        | 0                       | 0                                    | 1                                  | 0                                    |
| 23-Sep-12                                   | 1200                 | 6.4                               | 89                     | E                     | 54.1      | 273.1     | 26.3        | 0                       | 0                                    | 1                                  | 0                                    |
| 23-Sep-12                                   | 1300                 | 10.1                              | 147                    | SSE                   | 50.3      | 182.5     | 17.4        | 0                       | 0                                    | 0                                  | 0                                    |
| 23-Sep-12                                   | 1400                 | 10.3                              | 156                    | SSE                   | 49.7      | 19.5      | 11.6        | 0                       | 0                                    | 0                                  | 0                                    |
| 23-Sep-12                                   | 1500                 | 11.1                              | 156                    | SSE                   | 49.4      | 34.4      | 12.0        | 0                       | 0                                    | 0                                  | 0                                    |
| 23-Sep-12                                   | 1600                 | 12.5                              | 159                    | SSE                   | 49.0      | 6.9       | 6.8         | 0                       | 0                                    | 0                                  | 0                                    |
| 23-Sep-12                                   | 1700                 | 12.4                              | 155                    | SSE                   | 48.5      | 7.7       | 7.3         | 0                       | 0                                    | 0                                  | 0                                    |
| 23-Sep-12                                   | 1800                 | 10.0                              | 154                    | SSE                   | 48.8      | 16.1      | 10.6        | 0                       | 0                                    | 0                                  | 0                                    |
| 23-Sep-12                                   | 1900                 | 9.1                               | 159                    | SSE                   | 48.4      | 66.8      | 14.1        | 0                       | 0                                    | 0                                  | 0                                    |
| 23-Sep-12                                   | 2000                 | 9.8                               | 152                    | SSE                   | 47.6      | 88.2      | 15.3        | 0                       | 0                                    | 0                                  | 0                                    |
| 23-Sep-12                                   | 2100                 | 9.2                               | 157                    | SSE                   | 46.2      | 122.5     | 17.3        | 0                       | 0                                    | 0                                  | 0                                    |
| 23-Sep-12                                   | 2200                 | 9.0                               | 162                    | SSE                   | 47.9      | 35.3      | 13.5        | 0                       | 0                                    | 0                                  | 0                                    |
| 23-Sep-12                                   | 2300                 | 8.3                               | 162                    | SSE                   | 46.0      | 33.8      | 13.3        | 0                       | 0                                    | 0                                  | 0                                    |

## BLV Group 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 alarm</b>                          |                      | 1 Hour Average – <b>85 dba</b>    |                        |                       |           |           |             |                         |                                      |                                    |                                      |
| <b>All Times are Mountain Standard Time</b> |                      |                                   |                        |                       |           |           |             |                         |                                      |                                    |                                      |
|   |                      |                                   |                        |                       |           |           |             |                         |                                      |                                    |                                      |
| 17-Sep-12                                   | 700                  | 10.6                              | 266                    | W                     | 60.7      | 28.2      | 6.8         | 0                       | 0                                    | 0                                  | 0                                    |
| 23-Sep-12                                   | 2400                 | 9.3                               | 170                    | S                     | 45.0      | 13.3      | 10.8        | 0                       | 0                                    | 0                                  | 0                                    |
| 24-Sep-12                                   | 100                  | 7.6                               | 255                    | WSW                   | 45.6      | 35.7      | 11.4        | 0                       | 0                                    | 0                                  | 0                                    |
| 24-Sep-12                                   | 200                  | 8.9                               | 274                    | W                     | 44.7      | 144.4     | 16.6        | 0                       | 0                                    | 0                                  | 0                                    |
| 24-Sep-12                                   | 300                  | 10.5                              | 309                    | NW                    | 45.4      | 231.6     | 21.6        | 0                       | 0                                    | 0                                  | 0                                    |
| 24-Sep-12                                   | 400                  | 14.1                              | 313                    | NW                    | 46.9      | 189.8     | 19.2        | 0                       | 0                                    | 0                                  | 0                                    |
| 24-Sep-12                                   | 500                  | 16.9                              | 311                    | NW                    | 50.1      | 213.0     | 22.2        | 0                       | 0                                    | 0                                  | 0                                    |
| 24-Sep-12                                   | 600                  | 16.3                              | 306                    | NW                    | 57.4      | 315.4     | 29.5        | 0                       | 0                                    | 1                                  | 0                                    |
| 24-Sep-12                                   | 700                  | 11.0                              | 295                    | WNW                   | 60.1      | 321.9     | 44.3        | 0                       | 0                                    | 1                                  | 0                                    |
| 24-Sep-12                                   | 800                  | 9.7                               | 297                    | WNW                   | 60.8      | 352.1     | 52.6        | 0                       | 0                                    | 1                                  | 0                                    |