

## 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>       |                      |                    |                        |                       |           |           |             |                         |                                      |                                    |                                      |
|   |                      |                    |                        |                       |           |           |             |                         |                                      |                                    |                                      |
| 7-Oct-13  | 800                  | 10.0               | 268                    | W                     | 61.6      | 15.8      | 4.3         | 0                       | 0                                    | 0                                  | 0                                    |
| 7-Oct-13  | 900                  | 13.8               | 287                    | WNW                   | 60.5      | 9.0       | 4.1         | 0                       | 0                                    | 0                                  | 0                                    |
| 7-Oct-13  | 1000                 | 15.5               | 272                    | W                     | 60.2      | 9.8       | 4.8         | 0                       | 0                                    | 0                                  | 0                                    |
| 7-Oct-13  | 1100                 | 18.8               | 264                    | W                     | 60.1      | 14.1      | 3.5         | 0                       | 0                                    | 0                                  | 0                                    |
| 7-Oct-13  | 1200                 | 27.3               | 261                    | W                     | 60.6      | 14.9      | 3.8         | 0                       | 0                                    | 0                                  | 0                                    |
| 7-Oct-13  | 1300                 | 27.9               | 256                    | WSW                   | 60.8      | 10.4      | 4.2         | 0                       | 0                                    | 0                                  | 0                                    |
| 7-Oct-13  | 1400                 | 27.5               | 264                    | W                     | 60.6      | 26.8      | 2.8         | 0                       | 0                                    | 0                                  | 0                                    |
| 7-Oct-13  | 1500                 | 25.5               | 267                    | W                     | 58.2      | 10.6      | 2.2         | 0                       | 0                                    | 0                                  | 0                                    |
| 7-Oct-13  | 1600                 | 26.4               | 255                    | WSW                   | 59.7      | 7.9       | 1.3         | 0                       | 0                                    | 0                                  | 0                                    |
| 7-Oct-13  | 1700                 | 25.3               | 275                    | W                     | 58.9      | 9.9       | 1.1         | 0                       | 0                                    | 0                                  | 0                                    |
| 7-Oct-13  | 1800                 | 23.5               | 283                    | WNW                   | 59.5      | 18.1      | 2.5         | 0                       | 0                                    | 0                                  | 0                                    |
| 7-Oct-13  | 1900                 | 17.8               | 278                    | W                     | 58.5      | 11.7      | 1.9         | 0                       | 0                                    | 0                                  | 0                                    |
| 7-Oct-13  | 2000                 | 15.3               | 266                    | W                     | 55.6      | 7.9       | 1.9         | 0                       | 0                                    | 0                                  | 0                                    |
| 7-Oct-13  | 2100                 | 20.3               | 280                    | W                     | 54.4      | 11.7      | 2.3         | 0                       | 0                                    | 0                                  | 0                                    |
| 7-Oct-13  | 2200                 | 16.5               | 295                    | WNW                   | 54.3      | 18.2      | 5.1         | 0                       | 0                                    | 0                                  | 0                                    |
| 7-Oct-13  | 2300                 | 13.7               | 269                    | W                     | 54.4      | 6.3       | 1.0         | 0                       | 0                                    | 0                                  | 0                                    |
| 7-Oct-13  | 2400                 | 13.7               | 263                    | W                     | 54.1      | 8.8       | 0.8         | 0                       | 0                                    | 0                                  | 0                                    |
| 8-Oct-13  | 100                  | 18.3               | 272                    | W                     | 52.2      | 3.9       | 1.0         | 0                       | 0                                    | 0                                  | 0                                    |
| 8-Oct-13  | 200                  | 23.2               | 282                    | WNW                   | 52.6      | 8.9       | 0.8         | 0                       | 0                                    | 0                                  | 0                                    |
| 8-Oct-13  | 300                  | 25.0               | 285                    | WNW                   | 53.4      | 4.1       | 0.8         | 0                       | 0                                    | 0                                  | 0                                    |
| 8-Oct-13  | 400                  | 24.0               | 281                    | W                     | 52.7      | 4.1       | 1.2         | 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> |                      |                                   |                        |                       |           |           |             |                         |                                      |                                    |                                      |
|   |                      |                                   |                        |                       |           |           |             |                         |                                      |                                    |                                      |
| 7-Oct-13                                    | 800                  | 10.0                              | 268                    | W                     | 61.6      | 15.8      | 4.3         | 0                       | 0                                    | 0                                  | 0                                    |
| 8-Oct-13                                    | 500                  | 18.4                              | 276                    | W                     | 51.8      | 9.6       | 1.3         | 0                       | 0                                    | 0                                  | 0                                    |
| 8-Oct-13                                    | 600                  | 18.2                              | 277                    | W                     | 58.0      | 11.3      | 1.0         | 0                       | 0                                    | 0                                  | 0                                    |
| 8-Oct-13                                    | 700                  | 20.1                              | 287                    | WNW                   | 60.1      | 6.9       | 1.5         | 0                       | 0                                    | 0                                  | 0                                    |
| 8-Oct-13                                    | 800                  | 21.8                              | 296                    | WNW                   | 60.3      | 13.5      | 3.2         | 0                       | 0                                    | 0                                  | 0                                    |
| 8-Oct-13                                    | 900                  | 22.3                              | 301                    | WNW                   | 58.1      | 11.3      | 2.0         | 0                       | 0                                    | 0                                  | 0                                    |
| 8-Oct-13                                    | 1000                 | 16.9                              | 328                    | NNW                   | 58.0      | 86.1      | 12.7        | 0                       | 0                                    | 0                                  | 0                                    |
| 8-Oct-13                                    | 1100                 | 22.3                              | 2                      | N                     | 61.0      | 340.6     | 44.6        | 0                       | 0                                    | 1                                  | 0                                    |
| 8-Oct-13                                    | 1200                 | 18.6                              | 2                      | N                     | 60.3      | 269.8     | 96.9        | 0                       | 0                                    | 1                                  | 1                                    |
| 8-Oct-13                                    | 1300                 | 16.5                              | 2                      | N                     | 58.2      | 34.7      | 4.9         | 0                       | 0                                    | 0                                  | 0                                    |
| 8-Oct-13                                    | 1400                 | 13.3                              | 315                    | NW                    | 59.4      | 18.9      | 2.5         | 0.4                     | 0                                    | 0                                  | 0                                    |
| 8-Oct-13                                    | 1500                 | 17.3                              | 345                    | NNW                   | 57.5      | 11.8      | 2.5         | 0.3                     | 0                                    | 0                                  | 0                                    |
| 8-Oct-13                                    | 1600                 | 20.7                              | 345                    | NNW                   | 56.2      | 33.8      | 16.9        | 0                       | 0                                    | 0                                  | 0                                    |
| 8-Oct-13                                    | 1700                 | 16.8                              | 354                    | N                     | 54.5      | 10.8      | 1.9         | 0                       | 0                                    | 0                                  | 0                                    |
| 8-Oct-13                                    | 1800                 | 13.8                              | 341                    | NNW                   | 53.4      | 9.6       | 1.2         | 0                       | 0                                    | 0                                  | 0                                    |
| 8-Oct-13                                    | 1900                 | 14.5                              | 358                    | N                     | 56.0      | 10.6      | 3.5         | 0                       | 0                                    | 0                                  | 0                                    |
| 8-Oct-13                                    | 2000                 | 16.6                              | 2                      | N                     | 55.5      | 19.6      | 6.3         | 0                       | 0                                    | 0                                  | 0                                    |
| 8-Oct-13                                    | 2100                 | 14.0                              | 5                      | N                     | 53.7      | 13.9      | 2.1         | 0                       | 0                                    | 0                                  | 0                                    |
| 8-Oct-13                                    | 2200                 | 12.7                              | 1                      | N                     | 53.6      | 5.7       | 1.0         | 0                       | 0                                    | 0                                  | 0                                    |
| 8-Oct-13                                    | 2300                 | 16.3                              | 2                      | N                     | 54.0      | 11.1      | 2.0         | 0                       | 0                                    | 0                                  | 0                                    |
| 8-Oct-13                                    | 2400                 | 12.5                              | 353                    | N                     | 54.3      | 14.6      | 2.9         | 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> |                      |                                   |                        |                       |           |           |             |                         |                                      |                                    |                                      |
|   |                      |                                   |                        |                       |           |           |             |                         |                                      |                                    |                                      |
| 7-Oct-13                                    | 800                  | 10.0                              | 268                    | W                     | 61.6      | 15.8      | 4.3         | 0                       | 0                                    | 0                                  | 0                                    |
| 9-Oct-13                                    | 100                  | 6.2                               | 282                    | WNW                   | 54.0      | 9.2       | 1.6         | 0                       | 0                                    | 0                                  | 0                                    |
| 9-Oct-13                                    | 200                  | 5.4                               | 308                    | NW                    | 50.1      | 15.3      | 2.6         | 0                       | 0                                    | 0                                  | 0                                    |
| 9-Oct-13                                    | 300                  | 6.0                               | 249                    | WSW                   | 52.2      | 6.1       | 1.2         | 0                       | 0                                    | 0                                  | 0                                    |
| 9-Oct-13                                    | 400                  | 4.1                               | 300                    | WNW                   | 55.4      | 20.9      | 4.0         | 0                       | 0                                    | 0                                  | 0                                    |
| 9-Oct-13                                    | 500                  | 3.1                               | 204                    | SSW                   | 51.1      | 15.8      | 2.9         | 0                       | 0                                    | 0                                  | 0                                    |
| 9-Oct-13                                    | 600                  | 7.2                               | 171                    | S                     | 54.6      | 26.1      | 5.3         | 0                       | 0                                    | 0                                  | 0                                    |
| 9-Oct-13                                    | 700                  | 15.1                              | 174                    | S                     | 56.9      | 16.6      | 3.5         | 0                       | 0                                    | 0                                  | 0                                    |
| 9-Oct-13                                    | 800                  | 19.4                              | 171                    | S                     | 58.0      | 6.5       | 1.3         | 0                       | 0                                    | 0                                  | 0                                    |
| 9-Oct-13                                    | 900                  | 19.8                              | 177                    | S                     | 57.4      | 10.3      | 1.5         | 0                       | 0                                    | 0                                  | 0                                    |
| 9-Oct-13                                    | 1000                 | 16.6                              | 182                    | S                     | 56.1      | 6.8       | 1.5         | 0                       | 0                                    | 0                                  | 0                                    |
| 9-Oct-13                                    | 1100                 | 14.9                              | 201                    | SSW                   | 56.4      | 8.6       | 1.1         | 0                       | 0                                    | 0                                  | 0                                    |
| 9-Oct-13                                    | 1200                 | 15.0                              | 204                    | SSW                   | 55.8      | 11.5      | 1.3         | 0                       | 0                                    | 0                                  | 0                                    |
| 9-Oct-13                                    | 1300                 | 15.6                              | 219                    | SW                    | 55.0      | 10.4      | 3.5         | 0                       | 0                                    | 0                                  | 0                                    |
| 9-Oct-13                                    | 1400                 | 21.8                              | 231                    | SW                    | 55.4      | 10.2      | 3.7         | 0                       | 0                                    | 0                                  | 0                                    |
| 9-Oct-13                                    | 1500                 | 22.6                              | 242                    | WSW                   | 55.8      | 10.6      | 0.9         | 0                       | 0                                    | 0                                  | 0                                    |
| 9-Oct-13                                    | 1600                 | 23.6                              | 255                    | WSW                   | 55.1      | 9.4       | 1.2         | 0                       | 0                                    | 0                                  | 0                                    |
| 9-Oct-13                                    | 1700                 | 24.7                              | 252                    | WSW                   | 55.0      | 10.0      | 1.4         | 0                       | 0                                    | 0                                  | 0                                    |
| 9-Oct-13                                    | 1800                 | 19.2                              | 248                    | WSW                   | 54.2      | 3.9       | 1.0         | 0                       | 0                                    | 0                                  | 0                                    |
| 9-Oct-13                                    | 1900                 | 14.8                              | 253                    | WSW                   | 55.6      | 9.9       | 1.4         | 0                       | 0                                    | 0                                  | 0                                    |
| 9-Oct-13                                    | 2000                 | 12.9                              | 259                    | W                     | 56.2      | 8.9       | 0.9         | 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>       |                      |                    |                        |                       |           |           |             |                         |                                      |                                    |                                      |
|   |                      |                    |                        |                       |           |           |             |                         |                                      |                                    |                                      |
| 7-Oct-13  | 800                  | 10.0               | 268                    | W                     | 61.6      | 15.8      | 4.3         | 0                       | 0                                    | 0                                  | 0                                    |
| 9-Oct-13  | 2100                 | 11.6               | 254                    | WSW                   | 56.2      | 9.2       | 1.1         | 0                       | 0                                    | 0                                  | 0                                    |
| 9-Oct-13  | 2200                 | 11.6               | 247                    | WSW                   | 57.2      | 9.5       | 1.2         | 0                       | 0                                    | 0                                  | 0                                    |
| 9-Oct-13  | 2300                 | 15.0               | 280                    | W                     | 55.0      | 9.1       | 1.0         | 0                       | 0                                    | 0                                  | 0                                    |
| 9-Oct-13  | 2400                 | 18.3               | 293                    | WNW                   | 52.0      | 18.4      | 5.8         | 0                       | 0                                    | 0                                  | 0                                    |
| 10-Oct-13   | 100                  | 21.2               | 296                    | WNW                   | 52.7      | 12.8      | 2.9         | 0                       | 0                                    | 0                                  | 0                                    |
| 10-Oct-13   | 200                  | 20.5               | 307                    | NW                    | 52.8      | 24.7      | 9.0         | 0                       | 0                                    | 0                                  | 0                                    |
| 10-Oct-13   | 300                  | 20.9               | 298                    | WNW                   | 52.8      | 17.0      | 5.1         | 0                       | 0                                    | 0                                  | 0                                    |
| 10-Oct-13   | 400                  | 14.2               | 296                    | WNW                   | 51.1      | 14.8      | 4.0         | 0                       | 0                                    | 0                                  | 0                                    |
| 10-Oct-13   | 500                  | 11.4               | 333                    | NNW                   | 51.1      | 14.4      | 3.8         | 0                       | 0                                    | 0                                  | 0                                    |
| 10-Oct-13   | 600                  | 5.1                | 292                    | WNW                   | 55.9      | 51.6      | 12.5        | 0                       | 0                                    | 0                                  | 0                                    |
| 10-Oct-13   | 700                  | 4.5                | 309                    | NW                    | 56.9      | 54.4      | 24.1        | 0                       | 0                                    | 0                                  | 0                                    |
| 10-Oct-13   | 800                  | 8.7                | 287                    | WNW                   | 57.7      | 21.4      | 10.1        | 0                       | 0                                    | 0                                  | 0                                    |
| 10-Oct-13   | 900                  | 8.7                | 265                    | W                     | 57.1      | 7.1       | 3.3         | 0                       | 0                                    | 0                                  | 0                                    |
| 10-Oct-13   | 1000                 | 8.4                | 208                    | SSW                   | 56.6      | 10.8      | 2.0         | 0                       | 0                                    | 0                                  | 0                                    |
| 10-Oct-13   | 1100                 | 8.9                | 178                    | S                     | 57.2      | 18.7      | 5.9         | 0                       | 0                                    | 0                                  | 0                                    |
| 10-Oct-13   | 1200                 | 13.1               | 180                    | S                     | 57.0      | 17.4      | 5.2         | 0                       | 0                                    | 0                                  | 0                                    |
| 10-Oct-13   | 1300                 | 12.4               | 179                    | S                     | 57.5      | 17.4      | 5.2         | 0                       | 0                                    | 0                                  | 0                                    |
| 10-Oct-13   | 1400                 | 10.8               | 162                    | SSE                   | 57.1      | 18.9      | 6.0         | 0                       | 0                                    | 0                                  | 0                                    |
| 10-Oct-13   | 1500                 | 16.4               | 187                    | S                     | 59.1      | 31.4      | 12.2        | 0                       | 0                                    | 0                                  | 0                                    |
| 10-Oct-13   | 1600                 | 18.6               | 358                    | N                     | 57.6      | 9.5       | 1.3         | 1.3                     | 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>       |                      |                    |                        |                       |           |           |             |                         |                                      |                                    |                                      |
|   |                      |                    |                        |                       |           |           |             |                         |                                      |                                    |                                      |
| 7-Oct-13  | 800                  | 10.0               | 268                    | W                     | 61.6      | 15.8      | 4.3         | 0                       | 0                                    | 0                                  | 0                                    |
| 10-Oct-13   | 1700                 | 18.4               | 350                    | N                     | 53.7      | 22.0      | 7.5         | 2.5                     | 0                                    | 0                                  | 0                                    |
| 10-Oct-13   | 1800                 | 20.8               | 10                     | N                     | 55.3      | 15.2      | 4.1         | 4.7                     | 0                                    | 0                                  | 0                                    |
| 10-Oct-13   | 1900                 | 15.6               | 14                     | NNE                   | 53.1      | 10.2      | 1.5         | 1.1                     | 0                                    | 0                                  | 0                                    |
| 10-Oct-13   | 2000                 | 11.1               | 0                      | N                     | 51.0      | 10.3      | 1.6         | 0.1                     | 0                                    | 0                                  | 0                                    |
| 10-Oct-13   | 2100                 | 12.1               | 0                      | N                     | 52.8      | 10.5      | 2.9         | 0.1                     | 0                                    | 0                                  | 0                                    |
| 10-Oct-13   | 2200                 | 8.3                | 270                    | W                     | 54.1      | 9.2       | 1.0         | 0.1                     | 0                                    | 0                                  | 0                                    |
| 10-Oct-13   | 2300                 | 7.8                | 272                    | W                     | 55.0      | 5.5       | 1.4         | 0                       | 0                                    | 0                                  | 0                                    |
| 10-Oct-13   | 2400                 | 10.8               | 303                    | WNW                   | 55.5      | 15.5      | 4.1         | 0                       | 0                                    | 0                                  | 0                                    |
| 11-Oct-13   | 100                  | 13.8               | 327                    | NNW                   | 58.4      | 48.0      | 12.6        | 0                       | 0                                    | 0                                  | 0                                    |
| 11-Oct-13   | 200                  | 14.3               | 338                    | NNW                   | 58.7      | 13.5      | 3.6         | 0                       | 0                                    | 0                                  | 0                                    |
| 11-Oct-13   | 300                  | 12.9               | 332                    | NNW                   | 56.3      | 33.7      | 6.3         | 0                       | 0                                    | 0                                  | 0                                    |
| 11-Oct-13   | 400                  | 13.0               | 335                    | NNW                   | 57.2      | 13.3      | 3.2         | 0                       | 0                                    | 0                                  | 0                                    |
| 11-Oct-13   | 500                  | 12.3               | 343                    | NNW                   | 55.6      | 10.6      | 1.7         | 0                       | 0                                    | 0                                  | 0                                    |
| 11-Oct-13   | 600                  | 8.7                | 344                    | NNW                   | 55.1      | 8.3       | 3.4         | 0                       | 0                                    | 0                                  | 0                                    |
| 11-Oct-13   | 700                  | 6.4                | 351                    | N                     | 57.5      | 14.8      | 7.0         | 0                       | 0                                    | 0                                  | 0                                    |
| 11-Oct-13   | 800                  | 6.4                | 320                    | NW                    | 58.9      | 13.9      | 6.5         | 0                       | 0                                    | 0                                  | 0                                    |
| 11-Oct-13   | 900                  | 5.7                | 298                    | WNW                   | 57.8      | 15.8      | 6.6         | 0                       | 0                                    | 0                                  | 0                                    |
| 11-Oct-13   | 1000                 | 7.6                | 332                    | NNW                   | 55.9      | 8.5       | 2.8         | 0                       | 0                                    | 0                                  | 0                                    |
| 11-Oct-13   | 1100                 | 6.6                | 312                    | NW                    | 55.9      | 6.6       | 1.3         | 0                       | 0                                    | 0                                  | 0                                    |
| 11-Oct-13   | 1200                 | 5.1                | 308                    | NW                    | 57.3      | 5.5       | 2.0         | 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>       |                      |                    |                        |                       |           |           |             |                         |                                      |                                    |                                      |
|   |                      |                    |                        |                       |           |           |             |                         |                                      |                                    |                                      |
| 7-Oct-13  | 800                  | 10.0               | 268                    | W                     | 61.6      | 15.8      | 4.3         | 0                       | 0                                    | 0                                  | 0                                    |
| 11-Oct-13   | 1300                 | 7.1                | 256                    | WSW                   | 56.8      | 6.5       | 1.3         | 0                       | 0                                    | 0                                  | 0                                    |
| 11-Oct-13   | 1400                 | 9.8                | 258                    | WSW                   | 54.4      | 5.5       | 1.2         | 0                       | 0                                    | 0                                  | 0                                    |
| 11-Oct-13   | 1500                 | 9.0                | 316                    | NW                    | 54.5      | 9.7       | 1.4         | 0                       | 0                                    | 0                                  | 0                                    |
| 11-Oct-13   | 1600                 | 8.2                | 315                    | NW                    | 54.1      | 14.8      | 4.0         | 0                       | 0                                    | 0                                  | 0                                    |
| 11-Oct-13   | 1700                 | 6.6                | 337                    | NNW                   | 53.1      | 12.4      | 2.5         | 0                       | 0                                    | 0                                  | 0                                    |
| 11-Oct-13   | 1800                 | 4.7                | 328                    | NNW                   | 52.3      | 14.7      | 6.6         | 0                       | 0                                    | 0                                  | 0                                    |
| 11-Oct-13   | 1900                 | 2.3                | 325                    | NW                    | 52.2      | 18.3      | 9.1         | 0                       | 0                                    | 0                                  | 0                                    |
| 11-Oct-13   | 2000                 | 5.7                | 209                    | SSW                   | 52.6      | 11.1      | 5.5         | 0                       | 0                                    | 0                                  | 0                                    |
| 11-Oct-13   | 2100                 | 6.8                | 253                    | WSW                   | 54.8      | 10.4      | 1.7         | 0                       | 0                                    | 0                                  | 0                                    |
| 11-Oct-13   | 2200                 | 8.1                | 279                    | W                     | 55.5      | 11.4      | 1.2         | 0                       | 0                                    | 0                                  | 0                                    |
| 11-Oct-13   | 2300                 | 8.2                | 309                    | NW                    | 52.1      | 18.2      | 3.9         | 0                       | 0                                    | 0                                  | 0                                    |
| 11-Oct-13   | 2400                 | 7.6                | 302                    | WNW                   | 50.9      | 22.7      | 3.9         | 0                       | 0                                    | 0                                  | 0                                    |
| 12-Oct-13   | 100                  | 5.5                | 292                    | WNW                   | 50.6      | 18.8      | 5.8         | 0                       | 0                                    | 0                                  | 0                                    |
| 12-Oct-13   | 200                  | 4.8                | 276                    | W                     | 52.3      | 8.2       | 2.0         | 0                       | 0                                    | 0                                  | 0                                    |
| 12-Oct-13   | 300                  | 7.2                | 272                    | W                     | 52.0      | 4.4       | 1.6         | 0                       | 0                                    | 0                                  | 0                                    |
| 12-Oct-13   | 400                  | 6.7                | 311                    | NW                    | 50.5      | 15.0      | 4.0         | 0                       | 0                                    | 0                                  | 0                                    |
| 12-Oct-13   | 500                  | 7.9                | 291                    | WNW                   | 52.4      | 10.4      | 1.7         | 0                       | 0                                    | 0                                  | 0                                    |
| 12-Oct-13   | 600                  | 7.1                | 336                    | NNW                   | 54.0      | 8.4       | 3.4         | 0                       | 0                                    | 0                                  | 0                                    |
| 12-Oct-13   | 700                  | 5.3                | 338                    | NNW                   | 54.8      | 40.5      | 20.2        | 0                       | 0                                    | 0                                  | 0                                    |
| 12-Oct-13   | 800                  | 4.9                | 359                    | N                     | 55.6      | 35.4      | 15.5        | 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>       |                      |                    |                        |                       |           |           |             |                         |                                      |                                    |                                      |
|   |                      |                    |                        |                       |           |           |             |                         |                                      |                                    |                                      |
| 7-Oct-13  | 800                  | 10.0               | 268                    | W                     | 61.6      | 15.8      | 4.3         | 0                       | 0                                    | 0                                  | 0                                    |
| 12-Oct-13   | 900                  | 6.0                | 65                     | ENE                   | 56.3      | 32.7      | 16.3        | 0                       | 0                                    | 0                                  | 0                                    |
| 12-Oct-13   | 1000                 | 8.2                | 106                    | ESE                   | 54.8      | 9.2       | 4.3         | 0                       | 0                                    | 0                                  | 0                                    |
| 12-Oct-13   | 1100                 | 10.4               | 115                    | ESE                   | 56.1      | 12.8      | 4.9         | 0                       | 0                                    | 0                                  | 0                                    |
| 12-Oct-13   | 1200                 | 11.1               | 106                    | ESE                   | 53.6      | 16.1      | 3.8         | 0                       | 0                                    | 0                                  | 0                                    |
| 12-Oct-13   | 1300                 | 13.1               | 106                    | ESE                   | 53.8      | 12.9      | 3.0         | 0                       | 0                                    | 0                                  | 0                                    |
| 12-Oct-13   | 1400                 | 13.1               | 162                    | SSE                   | 54.0      | 13.7      | 3.4         | 0                       | 0                                    | 0                                  | 0                                    |
| 12-Oct-13   | 1500                 | 14.2               | 163                    | SSE                   | 52.6      | 9.3       | 3.3         | 0                       | 0                                    | 0                                  | 0                                    |
| 12-Oct-13   | 1600                 | 12.6               | 163                    | SSE                   | 52.2      | 15.0      | 3.6         | 0                       | 0                                    | 0                                  | 0                                    |
| 12-Oct-13   | 1700                 | 13.9               | 169                    | SSE                   | 51.0      | 14.2      | 2.8         | 0                       | 0                                    | 0                                  | 0                                    |
| 12-Oct-13   | 1800                 | 11.9               | 165                    | SSE                   | 48.1      | 10.9      | 2.0         | 0                       | 0                                    | 0                                  | 0                                    |
| 12-Oct-13   | 1900                 | 9.3                | 168                    | SSE                   | 48.0      | 19.6      | 4.9         | 0                       | 0                                    | 0                                  | 0                                    |
| 12-Oct-13   | 2000                 | 12.6               | 178                    | S                     | 48.1      | 17.5      | 4.5         | 0                       | 0                                    | 0                                  | 0                                    |
| 12-Oct-13   | 2100                 | 8.9                | 180                    | S                     | 47.4      | 20.7      | 3.7         | 0                       | 0                                    | 0                                  | 0                                    |
| 12-Oct-13   | 2200                 | 11.0               | 184                    | S                     | 47.5      | 21.3      | 3.4         | 0                       | 0                                    | 0                                  | 0                                    |
| 12-Oct-13   | 2300                 | 12.3               | 187                    | S                     | 47.9      | 16.9      | 5.0         | 0                       | 0                                    | 0                                  | 0                                    |
| 12-Oct-13   | 2400                 | 11.4               | 193                    | SSW                   | 45.2      | 11.2      | 5.5         | 0                       | 0                                    | 0                                  | 0                                    |
| 13-Oct-13   | 100                  | 10.1               | 192                    | SSW                   | 44.0      | 12.2      | 5.0         | 0                       | 0                                    | 0                                  | 0                                    |
| 13-Oct-13   | 200                  | 11.1               | 187                    | S                     | 43.2      | 17.6      | 3.5         | 0                       | 0                                    | 0                                  | 0                                    |
| 13-Oct-13   | 300                  | 5.5                | 243                    | WSW                   | 43.2      | 18.8      | 5.9         | 0                       | 0                                    | 0                                  | 0                                    |
| 13-Oct-13   | 400                  | 3.7                | 258                    | WSW                   | 44.4      | 9.4       | 4.4         | 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> |                      |                                   |                        |                       |           |           |             |                         |                                      |                                    |                                      |
| 7-Oct-13                                    | 800                  | 10.0                              | 268                    | W                     | 61.6      | 15.8      | 4.3         | 0                       | 0                                    | 0                                  | 0                                    |
| 13-Oct-13                                   | 500                  | 2.7                               | 305                    | NW                    | 45.0      | 37.2      | 18.5        | 0                       | 0                                    | 0                                  | 0                                    |
| 13-Oct-13                                   | 600                  | 10.5                              | 340                    | NNW                   | 48.3      | 18.6      | 6.0         | 0                       | 0                                    | 0                                  | 0                                    |
| 13-Oct-13                                   | 700                  | 12.4                              | 344                    | NNW                   | 51.2      | 12.3      | 2.7         | 0                       | 0                                    | 0                                  | 0                                    |
| 13-Oct-13                                   | 800                  | 12.0                              | 347                    | NNW                   | 53.1      | 13.1      | 3.0         | 0                       | 0                                    | 0                                  | 0                                    |
| 13-Oct-13                                   | 900                  | 13.4                              | 342                    | NNW                   | 50.5      | 6.2       | 2.3         | 0                       | 0                                    | 0                                  | 0                                    |
| 13-Oct-13                                   | 1000                 | 12.7                              | 357                    | N                     | 54.3      | 13.0      | 2.6         | 0                       | 0                                    | 0                                  | 0                                    |
| 13-Oct-13                                   | 1100                 | 10.3                              | 0                      | N                     | 50.5      | 13.5      | 3.4         | 0                       | 0                                    | 0                                  | 0                                    |
| 13-Oct-13                                   | 1200                 | 8.6                               | 18                     | NNE                   | 52.8      | 10.1      | 2.9         | 0                       | 0                                    | 0                                  | 0                                    |
| 13-Oct-13                                   | 1300                 | 8.8                               | 35                     | NE                    | 53.1      | 13.1      | 3.1         | 0                       | 0                                    | 0                                  | 0                                    |
| 13-Oct-13                                   | 1400                 | 10.3                              | 6                      | N                     | 53.1      | 16.3      | 4.7         | 0                       | 0                                    | 0                                  | 0                                    |
| 13-Oct-13                                   | 1500                 | 7.8                               | 1                      | N                     | 51.7      | 16.6      | 4.9         | 0                       | 0                                    | 0                                  | 0                                    |
| 13-Oct-13                                   | 1600                 | 7.0                               | 352                    | N                     | 53.1      | 18.8      | 6.0         | 0                       | 0                                    | 0                                  | 0                                    |
| 13-Oct-13                                   | 1700                 | 6.8                               | 328                    | NNW                   | 50.0      | 19.9      | 6.5         | 0                       | 0                                    | 0                                  | 0                                    |
| 13-Oct-13                                   | 1800                 | 6.4                               | 334                    | NNW                   | 51.9      | 16.5      | 4.8         | 0                       | 0                                    | 0                                  | 0                                    |
| 13-Oct-13                                   | 1900                 | 6.1                               | 349                    | N                     | 52.9      | 17.7      | 4.0         | 0                       | 0                                    | 0                                  | 0                                    |
| 13-Oct-13                                   | 2000                 | 4.3                               | 333                    | NNW                   | 50.1      | 13.1      | 4.7         | 0                       | 0                                    | 0                                  | 0                                    |
| 13-Oct-13                                   | 2100                 | 3.3                               | 22                     | NNE                   | 48.9      | 16.8      | 4.9         | 0                       | 0                                    | 0                                  | 0                                    |
| 13-Oct-13                                   | 2200                 | 4.2                               | 349                    | N                     | 55.5      | 17.1      | 5.1         | 0                       | 0                                    | 0                                  | 0                                    |
| 13-Oct-13                                   | 2300                 | 4.3                               | 281                    | WNW                   | 45.8      | 22.1      | 6.2         | 0                       | 0                                    | 0                                  | 0                                    |
| 13-Oct-13                                   | 2400                 | 6.1                               | 266                    | W                     | 45.0      | 20.9      | 6.6         | 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> |                      |                                   |                        |                       |           |           |             |                         |                                      |                                    |                                      |
|   |                      |                                   |                        |                       |           |           |             |                         |                                      |                                    |                                      |
| 7-Oct-13                                    | 800                  | 10.0                              | 268                    | W                     | 61.6      | 15.8      | 4.3         | 0                       | 0                                    | 0                                  | 0                                    |
| 14-Oct-13                                   | 100                  | 5.9                               | 266                    | W                     | 43.5      | 28.8      | 5.7         | 0                       | 0                                    | 0                                  | 0                                    |
| 14-Oct-13                                   | 200                  | 7.8                               | 293                    | WNW                   | 43.8      | 26.1      | 6.1         | 0                       | 0                                    | 0                                  | 0                                    |
| 14-Oct-13                                   | 300                  | 11.9                              | 289                    | WNW                   | 42.7      | 21.7      | 7.5         | 0                       | 0                                    | 0                                  | 0                                    |
| 14-Oct-13                                   | 400                  | 15.7                              | 289                    | WNW                   | 42.5      | 14.5      | 7.2         | 0                       | 0                                    | 0                                  | 0                                    |
| 14-Oct-13                                   | 500                  | 17.2                              | 279                    | W                     | 44.1      | 18.7      | 9.3         | 0                       | 0                                    | 0                                  | 0                                    |
| 14-Oct-13                                   | 600                  | 9.4                               | 283                    | WNW                   | 48.3      | 13.8      | 6.8         | 0                       | 0                                    | 0                                  | 0                                    |
| 14-Oct-13                                   | 700                  | 14.5                              | 287                    | WNW                   | 48.8      | 14.9      | 7.4         | 0                       | 0                                    | 0                                  | 0                                    |