**Unpaved Road Emissions**

Upon reviewing the 2014v2\_allsector\_summary\_WRAP\_crosstab.xlsx file, the Wyoming Air Quality Division (AQD) noticed that PM10 emissions seemed high (104,041 tons) in comparison to Colorado (50,692 Tons) and California (92,060 Tons). Due to Colorado and California having higher population and more area, we would expect Wyoming’s unpaved road dust to be lower. The AQD does not calculate mobile emissions but instead accepts the default data from EPA meaning that we do not have other data to compare.

**Representativeness of Point Source Emissions**

The AQD has conducted a comparison of what seems representative for facilities based on comparing their 2013 to 2014 emissions and 2014 to 2015. Greater than a 30% increase or decrease were considered for review. For the sake of limiting the scope of comparison, we have looked at the top 80 contributors of NOx and SO2 in 2014. Some facilities that have variable throughput or have undergone facility changes since the 2014 NEI have been identified with a more “representative” EI year. We have also identified some sources which have been started up or shut down since 2014.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **eis facility id** | **agency facility id** | **site name** | **Preferred Year** | **Reason** |
| 4193711 | 60 | Elk Basin Gas Plant | **2015NEI** | Much higher flare throughput in 2014. 2015 data is more representative of a typical year. |
| 4208311 | 191 | Carter Creek Gas Plant | **2015NEI** | 2015 is most representative of 2011-2017. |
| 4208511 | 815 | Buckskin Mine | **2011NEIV2** | 2014 data did not make the NEI dataset. |
| 4786511 | 532 | Lost Cabin Gas Plant | **2016NEI****\_Final\_V1** | Significantly higher flare operation in 2014 due to issues with Train 3. 2016 seems to be the most representative mean. |
| 4786611 | 389 | Torrington | **2015NEI** | Boiler 4 shut down in 2014, so going forward 2015 is more representative. |
| 4956211 | 225 | Elk Basin Compressor Station | **2016NEI****\_Final\_V1** | Dramatic changes in throughput. 2016 is the most reasonable estimation for modeling. |
| 6512311 | 758 | Sinclair Refinery | **2015NEI** | Coker Flare started up in 2015, 2015 is more representative |
| 6813111 | 864 | Hilight Gas Plant | **2016NEI****\_Final\_V1** | ENG002 Shut down in 2014, ENG003 and ENG004 Shut Down in 2015. 2016 is more representative for modeling future emissions.  |
| 7048611 | 327 | Shute Creek Treating Facility | **2013NEIV1** | Significantly less flare throughput in 2014 and 2015. 2013 is more typical operation. |
| 12813211 | 21196 | Colony East and West Plants | **2015NEI** | 2015 is most representative of 2011-2015 |
| 17307411 | 24912 | Cheyenne Prairie Generating Station | **2016NEI****\_Final\_V1** | Started up mid 2014 |
| 4208911 | 828 | Emigrant Trail Gas Plant | **2015NEI** | 2014 has decreased throughput. 2015 is more representative. |
| 12809611 | 832 | Heat Plant | **2015NEI** | 2015 is most representative of 2011-2017 |
| 8419211 | 647 | Naughton Plant | **2016NEI\_Final\_V1** | Due to facility changes, 2016 is more representative for modeling into the future. |

Neil Simpson One (Facility 133) was shut down in early 2014, so it should be removed from future modeling.

Table Rock Gas Plant (Facility 217) was shut down in early 2014, so it should be removed from future modeling.