

## Calculating Consecutive (or Rolling) 12-Month Totals

Some permits issued by the Clark County Division of Air Quality require sources to calculate and maintain a “consecutive 12-month total” to ensure compliance with operational limits.

Consecutive 12-month totals are calculated at the beginning or end of each calendar month. To calculate a consecutive 12-month total for operational hours, material throughput, etc., add the number for the current calendar month to the sum of the previous 11 calendar months.

### Example Calculation

Assume an emission unit has an operational limit of 6,000 hours per year. To calculate a consecutive 12-month total:

1. For the first 12 months, track the total hours of unit operation in each month.
2. At the end of 12 months, add together each month’s hours of operation to get a total for the year. In the example, the total is 4,900 hr/yr.
3. After the first 12 months, subtract the first month from the total and add the next one. In the example, you would subtract the hours in Month 1 (300) from 4,900, then add the hours for Month 13 (150) to arrive at a consecutive total of 4,750 hr/yr.
4. Repeat Step 3 as each month passes.

### Example Operation Schedule

Month Number	Year and Month	Hours Operated	Consecutive 12-month Total (hr/yr)
1	2016 March	300	-
2	2016 April	200	-
3	2016 May	400	-
4	2016 June	600	-
5	2016 July	300	-
6	2016 August	400	-
7	2016 September	400	-
8	2016 October	450	-
9	2016 November	550	-
10	2016 December	450	-
11	2017 January	550	-
12	2017 February	300	<b>4,900</b> (2016 March-2017 Feb)
13	2017 March	150	<b>4,750</b> (2016 April-2017 March)
14	2017 April	500	<b>5,050</b> (2016 May-2017 April)
15	2017 May	550	<b>5,200</b> (2016 June-2017 May)

If you require assistance creating a custom excel spreadsheet for your source, please feel free to contact the Small Business Assistance Program at:

[AQSBAP@clarkcountynv.gov](mailto:AQSBAP@clarkcountynv.gov) or 702-455-1660