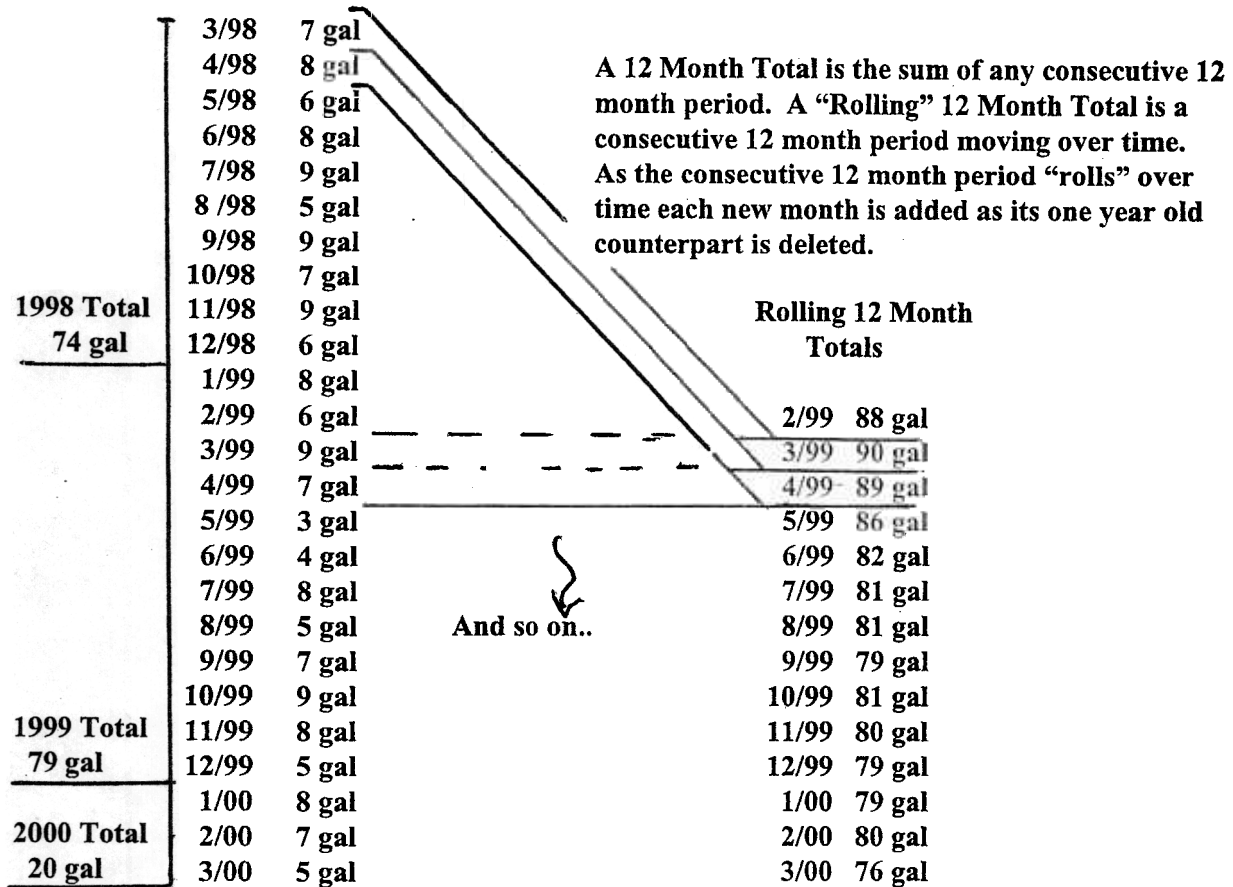# HOW TO CALCULATE YEARLY AND ROLLING TOTALS

Say, for example, you have a painting operation that you started March 1, 1998, it is now the end of March 2000, and your permit limits the amount of painting that you can do. Say, for example, your monthly paint usage for 1998, 1999 and 2000, to date, is listed in the column on the left:

A 12 Month Total is the sum of any consecutive 12 month period. A "Rolling" 12 Month Total is a consecutive 12 month period moving over time. As the consecutive 12 month period "rolls" over time each new month is added as its one year old counterpart is deleted.

	Month	Usage	Rolling 12 Month Totals	
	3/98	7 gal		
	4/98	8 gal		
	5/98	6 gal		
	6/98	8 gal		
	7/98	9 gal		
	8/98	5 gal		
	9/98	9 gal		
	10/98	7 gal		
1998 Total	11/98	9 gal		
74 gal	12/98	6 gal		
	1/99	8 gal		
	2/99	6 gal	2/99	88 gal
	3/99	9 gal	3/99	90 gal
	4/99	7 gal	4/99	89 gal
	5/99	3 gal	5/99	86 gal
	6/99	4 gal	6/99	82 gal
	7/99	8 gal	7/99	81 gal
	8/99	5 gal	8/99	81 gal
	9/99	7 gal	9/99	79 gal
	10/99	9 gal	10/99	81 gal
1999 Total	11/99	8 gal	11/99	80 gal
79 gal	12/99	5 gal	12/99	79 gal
	1/00	8 gal	1/00	79 gal
2000 Total	2/00	7 gal	2/00	80 gal
20 gal	3/00	5 gal	3/00	76 gal

And so on..

EXAMPLE 1, "Yearly Total". Your permit limits you to no more than 100 gal of paint use per <u>calendar</u> year. <u>SOLUTION</u>: Add the usage for each month in 1998 to get 74 gallons, all of the usage for each month in 1999 to get 79 gallons and all of the usage in 2000 to get 20 gallons.

EXAMPLE 2, "Rolling Total". Your permit limits you to no more than 100 gallons of paint use per any <u>12 month period, 12 month rolling period</u> or <u>year rolled monthly.</u> SOLUTION: From March 1998 through February 1999 is a 12 month period and your total for that period would be 88 gal as denoted in the Rolling 12 Month Total column above. At the end of March 1999, add the paint use number for March 1999, 9 gal, to the existing 12 month total, 88 gal, and then subtract the March 1998 value, 7 gal, for a new 12 month total of 90 gal as shown above for 3/99 in the Rolling 12 Month Total column. Do this for each successive month.

(10/29/02)