

PETROLEUM PRODUCT BULK TERMINALS :

SPECIAL INSTRUCTIONS

- 1) Forms SAM99D and SAM30 need to be completed, since they are required for every plant that has emissions in Jefferson County.
- 2) Form SAM50D should be completed for every product at the plant; however, the completion of the Product Chemical Composition section is not required.
- 3) The fuel usage at each plant needs to be monitored. Any fuel usage should be reported on the appropriate fuel use forms, which will require the completion of Form(s) SAM20 and/or SAM21.
- 4) The recommended method for reporting emissions from these storage vessels is by the use of a program which calculates the breathing and working losses from these tanks. The latest EPA TANKS program is appropriate for these calculations, or any other program, based upon the latest AP-42 methodology, which generates equivalent values.

Note: This type of emission reporting is consistent for what has previously been allowed.

- 5) Report VOC emissions for each category in a reasonable format for review by APCD; which should contain, as a minimum, the following categories:
 - a) Tanks
 - b) Loading Rack (as released through the control unit vent)
 - c) Fugitive emissions from trucks, loading activities, flanges, valves, etc.
 - d) Barge loading (if any)

Note : Presently, no special SAM reporting forms have been designed for this data.

- 6) Calculations should be included, except for those embodied in the TANKS program, which show how the emissions were determined. The tested or nominal control efficiency of the control device should be included in the report. If there was any loading done during periods when the control device was malfunctioning, this should be reported, as hours or percent down time, and reflected in the calculation of the loading rack emissions. When an emission factor is used, please reference where the factor was obtained, the date of the document it was obtained from, and explain if there were any special reasons for using a certain factor.
- 7) The annual VOC emissions should be reported as tons / year. The summer season daily VOC emissions should be reported as lbs / day; this value being the daily average for the three (3) months of June, July and August.