

State Water Resources Control Board (SWRCB)**Letter No. 006****Subject:** Percent Solids Determination**Date:** April 26, 2002**Overview:**

Percent solid determinations are reported differently for volatile compound analyses than for non-volatile compound analyses. Non-volatile analyses are generally prepared from a homogenized portion of a sample, thus (theoretically) having a consistent percent solid result throughout the sample portion. Due to this homogeneity, the percent solid result may be applied across multiple non-volatile analyses for a given sample. The percent solids determination is reported as a separate analysis with percent solids as the result.

Volatile analyses cannot be performed using a thoroughly homogenized sample (due to volatile loss), and thus are generally performed using a representative sub-sample. The sub-sample's percent solids are determined for the specific volatile analysis. In this case, the percent solids determination is reported as a parameter result of the specific volatile analysis.

The SWRCB recommends that for all volatile analyses the percent solids determination be listed as a parameter result under the analysis for which it was determined, and for all non-volatile analyses, percent solids determination be reported as a separate analysis result.

Special Conditions:

This only applies to solid matrices.

Areas of Impact:

Field(s): *PARLABEL*

Entry: "SOLIDVOA" and "SOLID"

Policy:

- a) Scenario 1 – Method and results for volatile analysis by, for example, EPA method E602.

E602 Parameter List:

Benzene

Toluene

Ethylbenzene

Xylenes

Percent Solids (i.e., *PARLABEL* = "SOLIDVOA")

- b) Scenario 2 – Method and results for non-volatile analysis by, for example, EPA method E200.7.

E200.7 Parameter List:

Iron

Manganese

D2261 Parameter List:

Percent Solids (i.e., *PARLABEL* = "SOLIDS")