

**Calculations for Recovery of Condensable PM (CPM)**

Plant \_\_\_\_\_

Date \_\_\_\_\_

Run No. \_\_\_\_\_

**Sample Preparation - CPM Containers No. 1 and 2 (Section 11.1)**

Was significant volume of water lost during transport? Yes or No \_\_\_\_\_

If Yes, measure the volume received. \_\_\_\_\_

Estimate the volume lost during transport. \_\_\_\_\_ ml

Was significant volume of organic rinse lost during transport? Yes or No \_\_\_\_\_

If Yes, measure the volume received. \_\_\_\_\_

Estimate the volume lost during transport. \_\_\_\_\_ ml

**For Titration**Normality of  $\text{NH}_4\text{OH}$  (N) \_\_\_\_\_ N  
(Section 10.2)Volume of titrant ( $V_t$ ) \_\_\_\_\_ ml  
(Section 11.2.2.2)Mass of  $\text{NH}_4$  added ( $m_c$ ) \_\_\_\_\_ mg  
(Equation 1)**For CPM Blank Weights**Inorganic Field Train Recovery Blank Mass ( $m_{ib}$ ) (Section 9.9) \_\_\_\_\_ mgOrganic Field Train Recovery Blank Mass ( $m_{ob}$ ) (Section 9.9) \_\_\_\_\_ mgMass of Field Train Recovery Blank ( $M_{fb}$ ) (max. 2 mg) (Equation 2) \_\_\_\_\_ mg**For CPM Train Weights**Mass of Organic CPM ( $m_o$ ) (Section 11.2.3) \_\_\_\_\_ mgMass of Inorganic CPM ( $m_i$ ) (Equation 3) \_\_\_\_\_ mgTotal CPM Mass ( $m_{cpm}$ ) (Equation 4) \_\_\_\_\_ mg**Figure 6. CPM Work Table**