

# Air - TSP High Volume Field Data Sheet

<i>Section I - Administrative Data</i>			
1. Sample ID*:	6. Sampling Date*:	9. Percent of personnel exposed?*	
2. Location:	7. Sampling Time*:		
3. Country:	8. Length of Stay*: < 2 weeks / < 6 months / < 1 year / > 1 year (Circle One)		
4. Operation:	10. Exposure Notes*		
5. Collecting Unit*:			
<i>Section II - Field Data</i>			
11. Filter No*:	14. Collectors Name*	17. Unit ID*:	
12. Filter Type:	15. Collectors Phone No:	18. Blank? (Yes/No):	
13. Holder ID*:	16. Unit Type:	19. Invalid Sample?	
<i>Sampler Calibration Data</i>			
20. Slope (Msc)*:	21. Intercept (Bsc)*:	22. Correlation Coeff (Rsc):	
SAMPLER DATA	Start/Pre	End/Post	Average
23. Date*:			
24. Time*:			
25. Ambient Temperature (oC)*:			
26. Ambient Pressure (in Hg)*:			
27. Manometer Reading (in H2O)*:			
28. Elapsed Time Reading (hrs):			
29. Is industry surrounding location?*: (Circle One) Yes / No / Not Known		31. Type of industry if present*?	
30. If industry is present is it active?*: (Circle One) Yes / No / Not Known			
GEOLOCATION	Decimal Degrees	OR	34. MGRS*:
32. Latitude*:			
33. Longitude*:			
35. Field Notes*:		36. Sampling Site Graphic:	

\* Required Fields

**AIR – TOTAL SUSPENDED PARTICULATE HIGH VOLUME DATA SHEET INSTRUCTIONS**

## -----SECTION I - ADMINISTRATIVE DATA -----

1. **Sample ID** - Sample ID number CCC\_LLL\_MMM\_YYDDD\_ZZ  
Where: CCC – Country 3 letter abbreviation code  
LLL - Camp abbreviation (i.e. first three letters of camp name)  
MMM - Method type (e.g. TSP)  
YYDDD - jday code, last two digits of the year & three digit julian day of the year [e.g 03015 for 15-Jan-2003].  
ZZ – Sample type: **P** – Primary sample; **C** – Collocated sample; **FB** – Field Blank
2. Location – Camp or location of sample.
3. Country – Country in which location or camp is located.
4. Operation – Name of operation ongoing in the area of the sample [e.g. Operation Allied Force (OAF), etc] if applicable
5. **Collecting Unit** - Unit collecting the sample (e.g. TAML, 71<sup>st</sup> MEDDET, etc).
6. **Sampling Date** – Date sample was collected (e.g. 15-Jan-2003)
7. **Sampling Time** – Time sample was taken (e.g. 16:00)
8. **Length of Stay** – How long are troops expected to stay at the location where the sampling was conducted?
9. **Percent of Personnel Exposed** – What percentage of troop at the site could be exposed to the water source?
10. **Exposure Notes** – Any notes or comments associated with troop exposure to the sample.

## -----SECTION II - FIELD DATA -----

11. **Filter No** - The filter ID number that will be on the filter cassette. (e.g. 6528212)
12. Filter Type - Glass fiber or quartz.
13. Holder ID - The ID associated with the filter holder assembly if applicable
14. **Collectors Name** – The name of the person collecting the sample.
15. **Collectors Phone No** - The phone number of the person collecting the sample.
16. Unit Type – Type of sampling unit (e.g. Grasbey Anderson, etc)
17. **Unit ID** - The serial number off the sampler (e.g. G0001) or "FB if filter is a field blank
18. Blank (Yes/No)- Is the sample a QA/QC blank?
19. Invalid Sample - Is the sample invalid, if so why? (select appropriate code)  
NO - Sample is valid (DEFAULT CHOICE)  
M – Missing Field Data – e.g. sample time, flow rates, etc  
B – Battery Failure – battery failed during sampling episode, if applicable.  
F – Flow Differential –pre and post flow calibrations deviation was greater than 10%  
T – Timer Malfunction –pump timer failed.  
S – Sample Malfunction –other part of sampler failed, e.g. tubing, etc  
D – Damage Sampling Media – filter was damage during shipment or sampling episode
20. **Slope (Msc)** – Slope of sampler calibration from “TSP Calibration Field Data Sheet”
21. **Intercept (Bsc)** – Intercept of sampler calibration from “TSP Calibration Field Data Sheet”
22. Correlation Coeff (Rsc) – Correlation coefficient of sampler calibration from “TSP Calibration Field Data Sheet”
23. **Date** - Date which the sampling episode was started and ended - DD MON YR - (e.g. 15 Jan 03)
24. **Time** - Time which the sampling episode was started and ended in a 24 hour standard format
25. **Ambient Temperature** - Ambient Temp in degrees Celsius from thermometer at the start and end of the sampling episode
26. **Ambient Pressure** - Ambient Pressure in inches Hg from barometer at the start and end of the sampling episode
27. **Flow Meter Reading (in H<sub>2</sub>O)** – Flow meter reading of manometer attached to sampler in inches of water.
28. **Elapsed Time Reading** - Reading off elapsed time meter, if present in minutes at the start and end of the sampling episode
29. **Is Industry around sampling location?** Yes, No, Not Know (Select One) if yes, go to 33 and 34.
30. **If Industry is present is it active?** Yes, No, Not Know (Select One)
31. **Type of industry present.** (e.g. petroleum, manufacturing, power production, etc)
32. **Latitude** – Sample latitude location in decimal degrees [from GPS]
33. **Longitude** – Sample longitude location in decimal degrees [from GPS]
34. **MGRS** – Location in MGRS from GPS, ten digit grid with grid square identifier (e.g. 34TEN1234567890)
35. **Field Notes** - Notes relating to sampling episode (e.g. unusual circumstance, weather, potential pollution sources, etc)
36. Sampling Site Graphic – Any graphical or pictorial description of the sampling site. May include a digital picture of the sampling site once sample is processed.