Air - DPS Field Data Sheet

1. Sample ID:	10. Collector's Phone No:
2. Country:	11. Collector's Email:
3. Location:	12. Percent of personnel exposed (select one): 0 / < 10% / 10 < 25% / 25 < 50% / 50 < 75% / > 75%
4. Site:	
5. Operation:	13. Exposure Duration (select one): < 1 week / < 2 weeks / < 1 year / > 1 year
6. Sample Date (yyyy/mm/dd):	
7. Sample Time:	14. Exposure Notes:
8. Collecting Unit:	
9. Collector's Name:	

15. PM Type: (Select One) PM10 / TSP / PM2.5	17. Pump ID:	
16. Filter No:	18. Flow Meter ID:	19. Invalid Sample?: (see footnote)

Pre / Start Sampling Period	20. Notes (Field notes, industries, weather conditions, etc):

21. Ambient Pressure (inHg):	23. Flow Rate (l/min):
22. Ambient Temperature (oC):	24. Sample Time (min):

25. Geolocation:

Note: Classified locations should not be entered. They should be sent to oehs@usachppm.army.smil.mil along with Sample ID

25a. Latitude:			25c. Datum:
25b. Longitude:			
25d. MGRS:			
18S	UU	83626	01432 Example

26. Sampling Site Graphic:

27. Is industry around sampling location?: (Select One) Yes / No / Not Known	28. If industry is present is it active?: (Select One) Yes / No / Not Known

Post / End Sampling Period	29. Notes (Field notes, industries, weather conditions, etc):

30. Date:	32. Ambient Pressure (inHg):	34. Flow Rate (l/min):
31. Time:	33. Ambient Temperature (oC):	35. Sample Time (min):
36. Volume (liters):		

Footnote: M- Missing Field Data | B - Battery Failure | F - Flow differential | T - Timer Malfun. | S - Sampler Malfun. | D - Damaged Media

AIR – DEPLOYMENT PARTICULATE SAMPLER (DPS) FIELD DATA SHEET INSTRUCTIONS

1. **Sample ID** - Sample ID number CCC_LLLLLL_YYDDD_MMMMMMM (Sample *ID should also be recorded on the sample label.*)
   Where: CCC – Country 3 letter abbreviation code
   LLLLLL - Camp abbreviation (i.e. first six letters of camp name)
   YYDDD - jday code, last two digits of the year & three digit julian day of the year [e.g 07015 for 15-Jan-2007].
   MMMMMMM – Particulate sample type (PM10DPS for PM_{10}, PM25DPS for $PM_{2.5}$, TSPDPS for TSP sampling)
2. **Country** – Country in which location or camp is located.
3. **Location** – Camp or location of sample.
4. **Site** – Specific site where sample was collected (i.e. PX, building 51, etc.), if applicable.
5. **Operation** – Name of operation ongoing in the area of the sample [e.g. Operation Iraqi Freedom (OIF), etc] if applicable.
6. **Sample Date** – Date sample was collected (e.g. 2007/01/15). (*Sample Date should also be recorded on the sample label.*)
7. **Sample Time** – Time sample was taken (e.g. 16:00). (*Sample Time should also be recorded on the sample label.)*
8. **Collecting Unit** – Unit collecting the sample (e.g. AML, 71st MEDDET, NEMPU2 etc).
9. **Collector's Name –** The name of the person collecting the sample.
10. **Collector's Phone No**. **–** The phone number of the person collecting the sample.
11. **Collector's Email –** The email address of the person collecting the sample (e.g. john.doe@us.army.mil).
12. **Percent of Personnel Exposed** – What percentage of servicemembers at the site could be exposed to the ambient air?
13. **Exposure Duration** – How long are servicemembers expected to stay at the location where the sampling is being conducted?
14. **Exposure Notes** – Any notes or comments related to servicemember's exposure to the sampled ambient air.
15. **PM Type** – PM10 - Particulate matter less than 10 microns, PM25 - Particulate matter less than 2.5 microns, TSP - Total Suspended Particulate
16. **Filter No** - The filter ID number located on the filter cassette. (e.g. 47-05-001)
17. **Pump ID** - The unique unit ID off the sampling pump
18. **Flow Meter ID** – ID of flow meter.
19. **Invalid Sample** - Is the sample invalid, yes or no. If no state reason from the footnote.

Pre/Start Sampling

20. **Notes** – Notes associated with industrial activities around the area, weather conditions, sand storms, or any other notable event that could provided additional information on the sample.
21. **Ambient Pressure** - Ambient Pressure in inches Hg from a barometer.
22. **Ambient Temperature** - Ambient Temperature in degrees Celsius from a thermometer.
23. **Flow Rate (l/min)** – Initial sample flow rate in liters per minute
24. **Sample Time** – Starting time in minutes from the Leland display screen (e.g. 0.00 min)
25. **Geolocation** (Classified locations should not be entered. They should be sent to oehs@usachppm.army.smil.mil with Sample ID)
    25a. **Latitude** – Sample latitude location in decimal degrees [from GPS]
    25b. **Longitude** – Sample longitude location in decimal degrees [from GPS]
    25c. **Datum** - Datum from map or GPS used (e.g. WGS84, etc)
    25d. **MGRS** – Location in Military Grid Reference System (MGRS) from GPS, ten digit grid with grid square identifier. An MGRS is made up of 5 parts: 1) A zone, 2) latitude band, 3) MGRS square, 4) an easting, and 5) a northing (e.g. 34 T EN 12345 67890)
26. **Sampling Site Graphic** – Any graphical or pictorial description of the sampling site. May include digital picture(s) of the sampling. Digital picture(s) should be sent to oehs.data@us.army.mil with Sample ID.
27. **Is Industry around sampling location?** Yes, No, Not Know (Select One) if yes, please explain in the Notes field (Item 23 or 33).
28. **If Industry is present is it active?** Yes, No, Not Know (Select One).

Post/End Sampling

29. **Notes** – Notes associated with industrial activities around the area, weather conditions, sand storms, or any other notable event that could provided additional information on the sample.
30. **Date** – Date which the sampling episode was ended (e.g. 2007/01/16).
31. **Time** – Time which the sampling episode was ended (e.g. 16:00).
32. **Ambient Pressure** - Ambient pressure in degrees inches of mercury (Hg) from barometer at the end of the sampling episode.
33. **Ambient Temperature** - Ambient temp in degrees Celsius from thermometer at the end of the sampling episode.
34. **Flow Rate (l/min)** – Final sample flow rate in liters per minute
35. **Sample Time (min)** – Total sample time in minutes from the Leland display screen (e.g. 1440 min for a 24-hour sample)
36. **Volume (liters)** – Sample volume = (Final Sample Time – Initial Sample Time) * [(Initial Flow Rate + Final Flow Rate)/2]