

EPA Level 2, Modified - Direct Summary Data

Job Number: 061079 **SEA**
Client: ABC Environmental Company
Project Name: Air Sample Analysis

Report Number: 061079R05
Date Received: 10/10/2007

Lab/Cor Sample No.: S1
Client Sample No.: TEM 1
Description: Inside Hallway

Volume (L) : 1200
Lab Filter Area (mm2) : 385
Grid Openings Analyzed : 5
Average Grid Opening Area : 0.013
Area Analyzed (mm2) : 0.065
Analytical Sens. (struc/cc) : 0.00494
Detection Limit. (struc/cc) : 0.01476

Analyst(s) **Analysis Date**
 KM 10/10/2007

| Structure Type | Filter Density (s/mm2) | Concentration* (struc/cc) | 95% Confidence Interval (struc/cc) | Structure Count ¹ Prim/Total |
|----------------------------|------------------------|---------------------------|------------------------------------|---|
| Mod. EPA2 >=0.5µm - <5.0µm | 30.8 | 0.01 | 0.001 - 0.036 - Poisson | 2 |
| Mod. EPA2 >=5.0µm | 15.4 | 0.005 | 0 - 0.028 - Poisson | 1 |
| Mod. EPA2 TOTAL >0.5µm | 46.2 | 0.015 | 0.003 - 0.043 - Poisson | 3 |

¹ Concentration and 95% Confidence Level are calculated based upon the number showing under the Structure Count header.

Lab/Cor Sample No.: S2
Client Sample No.: TEM 2
Description: Inside Closet

Volume (L) : 1200
Lab Filter Area (mm2) : 385
Grid Openings Analyzed : 5
Average Grid Opening Area : 0.013
Area Analyzed (mm2) : 0.065
Analytical Sens. (struc/cc) : 0.00494
Detection Limit. (struc/cc) : 0.01476

Analyst(s) **Analysis Date**
 KM 10/10/2007

| Structure Type | Filter Density (s/mm2) | Concentration* (struc/cc) | 95% Confidence Interval (struc/cc) | Structure Count ¹ Prim/Total |
|----------------------------|------------------------|---------------------------|------------------------------------|---|
| Mod. EPA2 >=0.5µm - <5.0µm | 15.4 | 0.005 | 0 - 0.028 - Poisson | 1 |
| Mod. EPA2 >=5.0µm | 15.4 | 0.005 | 0 - 0.028 - Poisson | 1 |
| Mod. EPA2 TOTAL >0.5µm | 30.8 | 0.01 | 0.001 - 0.036 - Poisson | 2 |

¹ Concentration and 95% Confidence Level are calculated based upon the number showing under the Structure Count header.

Reviewed by:


 John Harris, M.P.H.
 Laboratory Director

* One-sided upper 95% Poisson confidence limits may be used to calculate sample concentrations ([Struc count] * [Analytical Sensitivity]) when the structure count is below 4. The limits are: 0 str - 0, 1 str - 1, 2 str - 2, 3 str - 3

EPA Level 2, Modified - Direct Raw Data

Job Number: 061079 **SEA**
Client: ABC Environmental Company
Project Name: Air Sample Analysis

Ref. 68-02-3266

Report Number: 061079R05
Date Received: 10/10/2007

Lab/Cor Sample No: S1
Client Sample No: TEM 1
Description: Inside Hallway

| Gr | No. | Loc. | ID | Prim | Tot | Class | Length | Width | Aspect | Analyte | Elements | Comment | Count Categories |
|----|-----|------|-----|------|-----|-------------|---------|-------|--------|------------|-----------|------------|---------------------------------|
| G1 | 1 | D6 | | | | NSD | | | | | | | |
| G1 | 2 | A4 | CD | 1 | | Fiber | 0.7 | 0.08 | 8.8 | Chrysotile | | | ModEPA2_0.5-5, ModEPA2_TOTAL |
| G1 | 3 | H8 | CDQ | 2 | | Fiber | 7 | 0.1 | 70 | Chrysotile | Mg, Si | | ModEPA2_>=5, ModEPA2_TOTAL |
| | | | | | | ItemType | ItemNum | | | | Confirmed | Comment | |
| | | | | | | Brightfield | J001 BF | | | | | | |
| | | | | | | Diffraction | J001 DF | | | | KM | 10/10/2007 | |
| | | | | | | Spectra | J001 SP | | | | | | |
| G2 | 4 | C6 | | | | NSD | | | | | | | |
| G2 | 5 | E4 | CDQ | 3 | | Fiber | 2 | 0.3 | 6.7 | Chrysotile | | | ModEPA2_0.5-5, ModEPA2_TOTAL |
| | | | | | | ItemType | ItemNum | | | | Confirmed | Comment | |
| | | | | | | Brightfield | J002 BF | | | | | | |
| | | | | | | Diffraction | J002 DF | | | | KM | 10/10/2007 | |
| | | | | | | Spectra | J002 SP | | | | | | |

Count Categories

ModEPA2_>=5 Mod. EPA2 >=5.0µm

ModEPA2_0.5-5 Mod. EPA2 >=0.5µm - <5.0µm

ModEPA2_TOTA Mod. EPA2 TOTAL >0.5µm

EPA Level 2, Modified - Direct Raw Data

Job Number: 061079 **SEA**
Client: ABC Environmental Company
Project Name: Air Sample Analysis

Ref. 68-02-3266

Report Number: 061079R05
Date Received: 10/10/2007

Lab/Cor Sample No: S2
Client Sample No: TEM 2
Description: Inside Closet

| Gr | No. | Loc. | ID | Prim | Tot | Class | Length | Width | Aspect | Analyte | Elements | Comment | Count Categories |
|----|-----|------|-----|------|-----|-------------|---------|-------|--------|------------|-----------|------------|---------------------------------|
| G1 | 1 | A2 | CDQ | 1 | | Fiber | 2.6 | 0.12 | 21.7 | Chrysotile | Mg, Si | | ModEPA2_0.5-5, ModEPA2_TOTAL |
| | | | | | | ItemType | ItemNum | | | | Confirmed | Comment | |
| | | | | | | Brightfield | J004 BF | | | | | | |
| | | | | | | Diffraction | J004 DF | | | | KM | 10/10/2007 | |
| | | | | | | Spectra | J004 SP | | | | | | |
| G1 | 2 | D6 | | | | NSD | | | | | | | |
| G1 | 3 | H8 | | | | NSD | | | | | | | |
| G2 | 4 | H8 | | | | NSD | | | | | | | |
| G2 | 5 | D4 | CD | 2 | | Matrix 5-0 | 6 | 2 | 3 | Chrysotile | | | ModEPA2_>=5, ModEPA2_TOTAL |

Count Categories

ModEPA2_>=5 Mod. EPA2 >=5.0µm

ModEPA2_0.5-5 Mod. EPA2 >=0.5µm - <5.0µm

ModEPA2_TOTA Mod. EPA2 TOTAL >0.5µm

