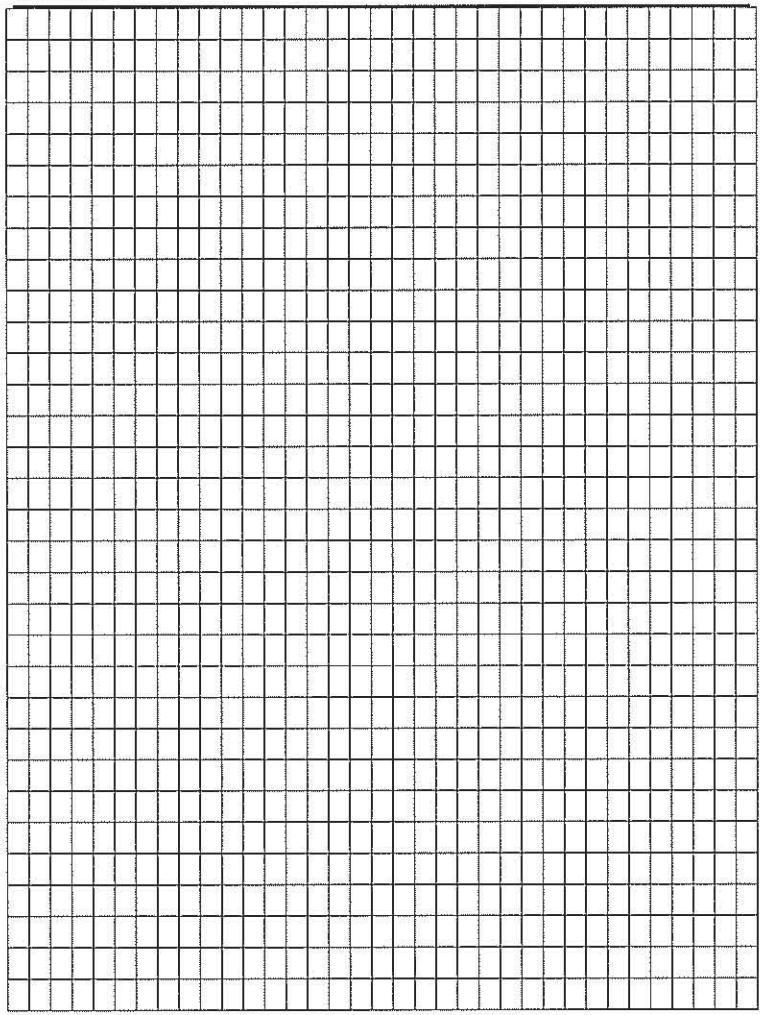
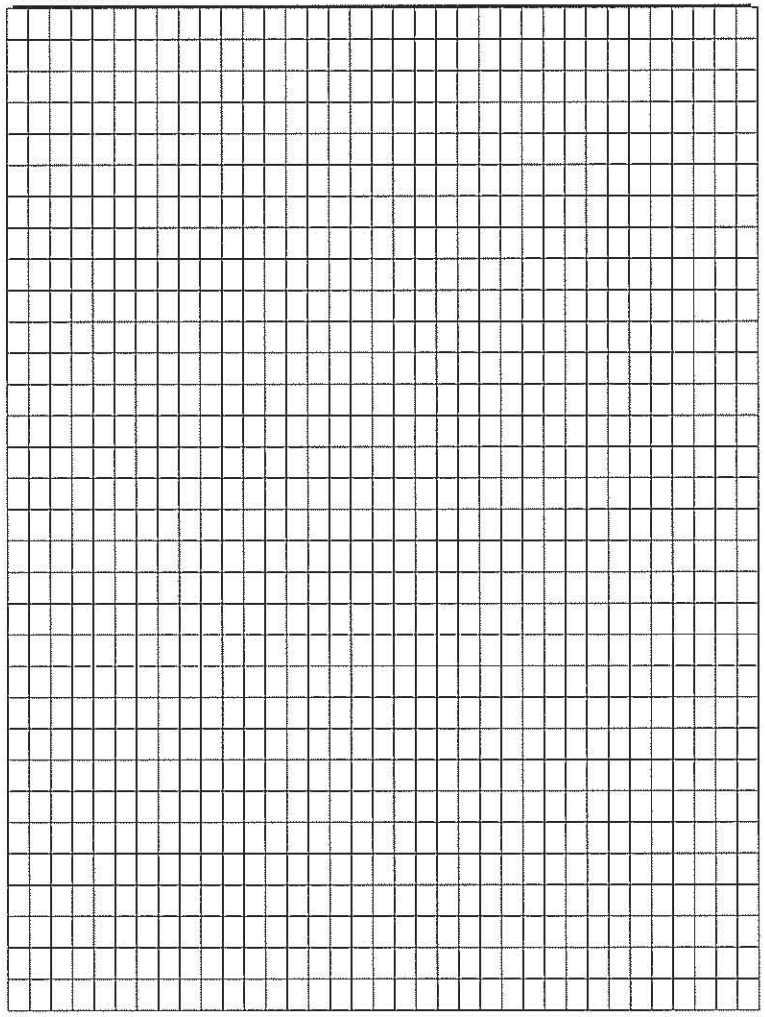
First Floor:



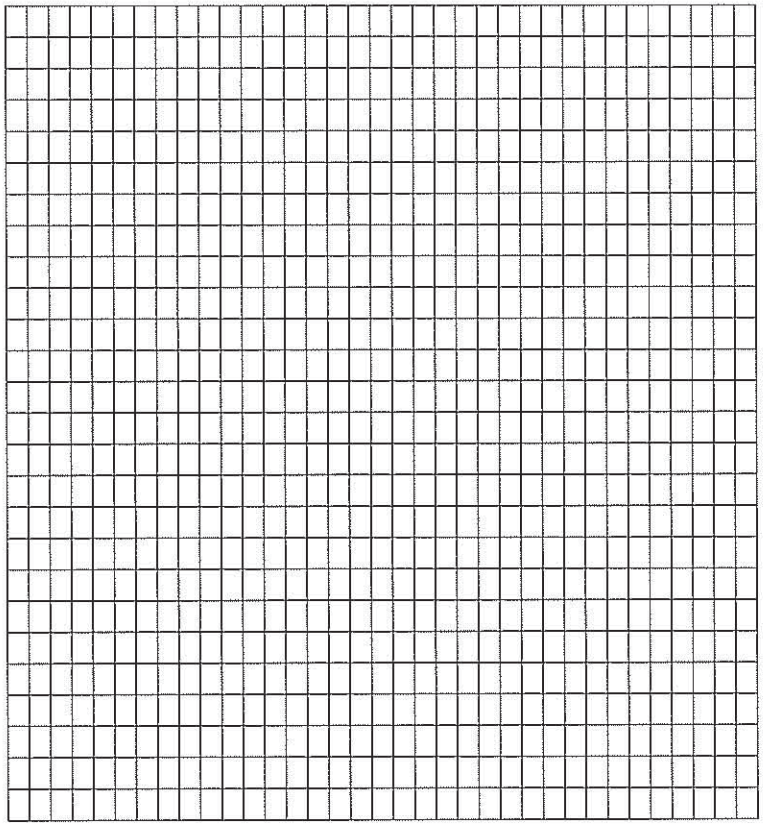
Second Floor:



12. OUTDOOR PLOT

Draw a sketch of the area surrounding the building being sampled. If applicable, provide information on spill locations, potential air contamination sources (industries, gas stations, repair shops, landfills, etc), outdoor air sampling location(s) & PID meter readings.

Also indicate compass direction, wind direction & speed during sampling, the locations of the well & septic system, if applicable, & a qualifying statement to help locate the site on a topographic map.



13. PRODUCT INVENTORY FORM

Make & Model of field instrument used:_____

List specific products found in the residence that have the potential to affect indoor air quality.

Location	Product Description	Size (units)	Condition*	Chemical Ingredients	Field Instrument Reading (units)	Photo** Y / N

*Describe the condition of the product containers as Unopened (UO), Used (U), or Deteriorated (D)
** Photographs of the front & back of the product containers can replace the hand written list of chemical ingredients. However, the photographs must be of good quality & ingredient labels must be legible.

Rehearsal Room

Complete this form for each building involved in indoor air testing

Preparer's Name: Anne Whincup Date/Time Prepared: 26/05/201.
Preparer's Affiliation: EES Work Phone: (03) 96871666
Purpose of Investigation: Identify suitable sampling locations & potential indoor sources.

1. OCCUPANT:

Interviewed: Y/N

Last Name:_____ First Name:_____

Address:_____

County:_____

Home Phone:_____ Alternate Phone:_____

Number of Occupants/persons at this location:_____

Age of Occupants:_____

2. OWNER OR LANDLORD: (Check if same as occupant_____)

Interviewed: Y/N

Last Name:_____ First Name:_____

Address:_____

County:_____

Home Phone:_____ Alternate Phone:_____

3. BUILDING CHARACTERISTICS:

Type of Building: (Circle appropriate response)

Residential	School	(Commercial/Multi-use)
Industrial	Church	Other:_____

If the property is residential, type? (Circle appropriate response)

Ranch	2-Family	3-Family
Raised Ranch	Split Level	Colonial
Cape Cod	Contemporary	Mobile Home
Duplex	Apartment House	Townhouse/Condos
Modular	Log Home	Other:_____

If multiple units, how many?_____

If the property is commercial, type?
Business Type(s) Rehearsal Room.

Does it include residences (i.e., multi-use)? (Y/N), If yes, how many?_____

Other characteristics:
Number of floors 1 Building age ORIGINAL GASWORKS BUILDING.

Is the building insulated (Y)/N? How air tight? Tight (Average) Not Tight

4. AIRFLOW

Use air current tubes or tracer smoke to evaluate airflow patterns & qualitatively describe:

Airflow between floors N/A.

Airflow near source N/A.

Outdoor air infiltration VIA DOORS. (GAPS BENEATH) & WINDOW.

Infiltration into air ducts N/A.

5. BASEMENT & CONSTRUCTION CHARACTERISTICS (Circle all that apply)

a. Above grade construction: wood frame concrete stone (brick)

b. Basement type: full crawlspace slab other N/A

c. Basement floor: concrete dirt stone other N/A.

d. Basement floor: unsealed sealed
covered with N/A.

e. Concrete floor: unsealed (sealed)
sealed with WOODEN FLOOR BOARDS

f. Foundation walls: poured block (stone) BRICK?

other

g. Foundation walls: unsealed (sealed)
sealed with PLASTER.

h. The basement is: wet damp dry moldy N/A

i. The basement is: finished unfinished partially finished N/A

j. Sump present? Y / (N)

k. Water in sump? Y / N (not applicable)

Basement/Lowest level depth below grade: SLAB ON GRADE CONSTRUCTION (feet)

Identify potential soil vapor entry points & approximate size (e.g., cracks, utility ports, drains)

FLOOR APPEARS WELL SEALED

6. HEATING, VENTING & AIR CONDITIONING (Circle all that apply)

Type of heating system(s) used in this building: (circle all that apply – note primary)

Hot air circulation	Heat pump	Hot water baseboard
Space heaters	Steam radiation	Radiant floor
Electric baseboard	Wood stove	Outdoor wood boiler

Other SPLIT SYSTEMS – WALL MOUNTED X 2

The primary type of fuel used is:

Natural gas	Fuel oil	Kerosene
(Electric)	Propane	Solar
Wood	Coal	

Domestic hot water tank fueled by: N/A (no water)

Boiler/furnace located in: Basement Outdoors Main Floor N/A
Other

Air conditioning: Central air Window units Open windows

Heat Pump None

Are there air distribution ducts present? Y / (N)

Describe the supply & cold air return ductwork & its condition where visible, including whether there is a cold air return & tightness of duct joints. Indicate the locations on the floor plan diagram.

N/A.

7. OCCUPANCY

Is basement/lowest lever occupied? Full-time (Occasionally) Seldom Almost never

Level General use of each floor (e.g., familyroom, bedroom, laundry, workshop, storage)

Basement: N/A

1st Floor REHEARSAL Room

2nd Floor N/A

3rd Floor N/A

4th Floor N/A

8. FACTORS THAT MAY INFLUENCE INDOOR AIR QUALITY

a. Is there an attached garage? Y / (N)

b. Does the garage have a separate heating unit? Y (N) (NA)

c. Are petroleum-powered machines or vehicles stored in the garage (e.g., lawnmower, ATV, car) Y (N) Please specify _____

d. Has the building ever had a fire? Y / (N) When _____

e. Is a kerosene or unvented gas space heater present? Y / (N)

Where & Type? _____

f. Is there a workshop or hobby/craft area? Y / (N)

Where & Type? _____

g. Is there smoking in the building? Y / (N) Frequency? _____

h. Have cleaning products been used recently? Y / (N) When & Type? _____

i. Have cosmetic products been used recently? Y / (N) When & Type? _____

j. Has painting/staining been done in the last 6 months? Y (N)

Where & When? _____

k. Is there new carpet, drapes or other textiles? Y (N) Where & When? _____

l. Have air fresheners been used recently? Y (N) When & Type? _____

m. Is there a kitchen exhaust fan? Y / (N)

If yes, where vented? _____

n. Is there a bathroom exhaust fan? Y / (N)

If yes, where vented? _____

o. Is there a clothes dryer? Y / (N) If yes, is it vented outside? ~~Y / N~~

p. Has there been a pesticide application? Y / (N) When & Type? _____

Are there odors in the building Y / (N)

If yes please describe: _____

Do any of the building occupants use solvents or volatile chemicals at work? Y / (N)
(e.g., chemical manufacturing or laboratory, auto mechanic or auto body shop, painting, fuel oil delivery, boiler mechanic, pesticide applicator, cosmetologist, carpet installer)

If yes, what type of solvents are used? _____

If yes, are their clothes washed at work? Y / N

Do any of the building occupants regularly use or work at a dry-cleaning service? (circle appropriate response)

Yes, use dry-cleaning regularly (weekly)

Yes, use dry-cleaning infrequently (monthly or less)
Yes, work at a dry-cleaning service
(No).
Unknown

Is there a radon mitigation system for the building/structure? Y / N

Date of Installation:_____

Is the system active or passive? Active/Passive

9. WATER & SEWAGE

Water Supply: Public water Drilled well Driven well Dug well
Other:_____ N/A

Sewage Disposal: Public sewer Septic tank Leach field Dry well
Other:_____ N/A

no services to this room.

10. RELOCATION INFORMATION (for oil spill residential emergency)

a. Provide reasons why relocation is recommended:_____

b. Residents choose to: remain in home relocate to friends/family
relocate to hotel/motel

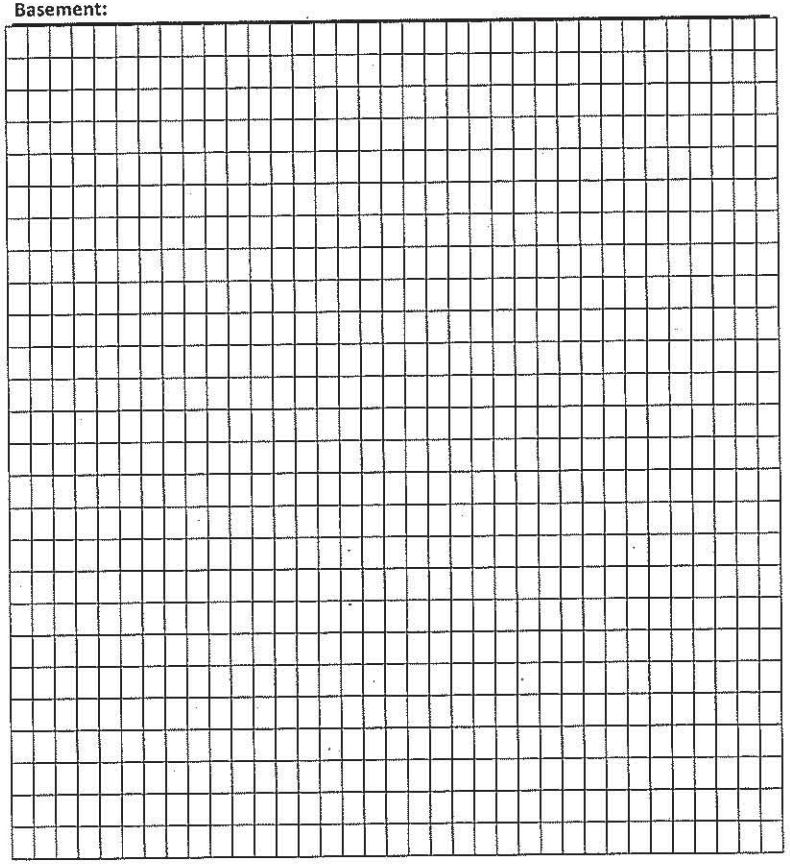
c. Responsibility for costs associated with reimbursement explained? Y / N

d. Relocation package provided & explained to residents? Y / N

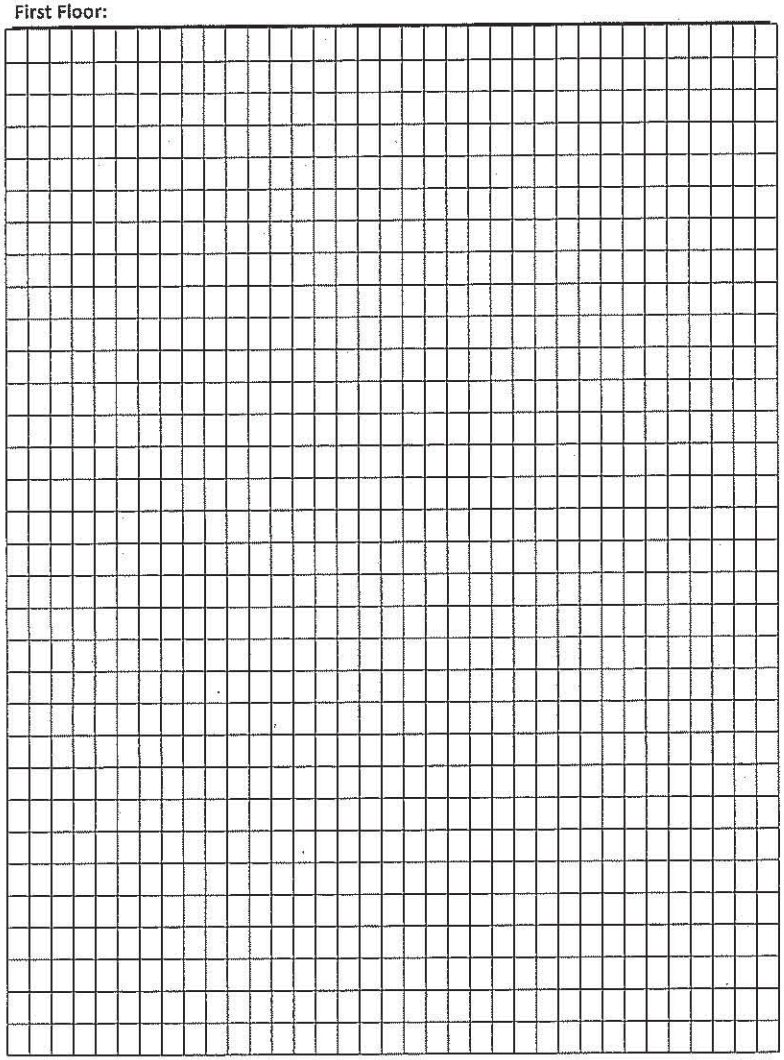
11. FLOOR PLANS

Draw a plan view sketch of the basement & first floor of the building. Indicate air sampling locations, possible indoor air pollution sources and PID meter readings. If the building does not have a basement, please note.

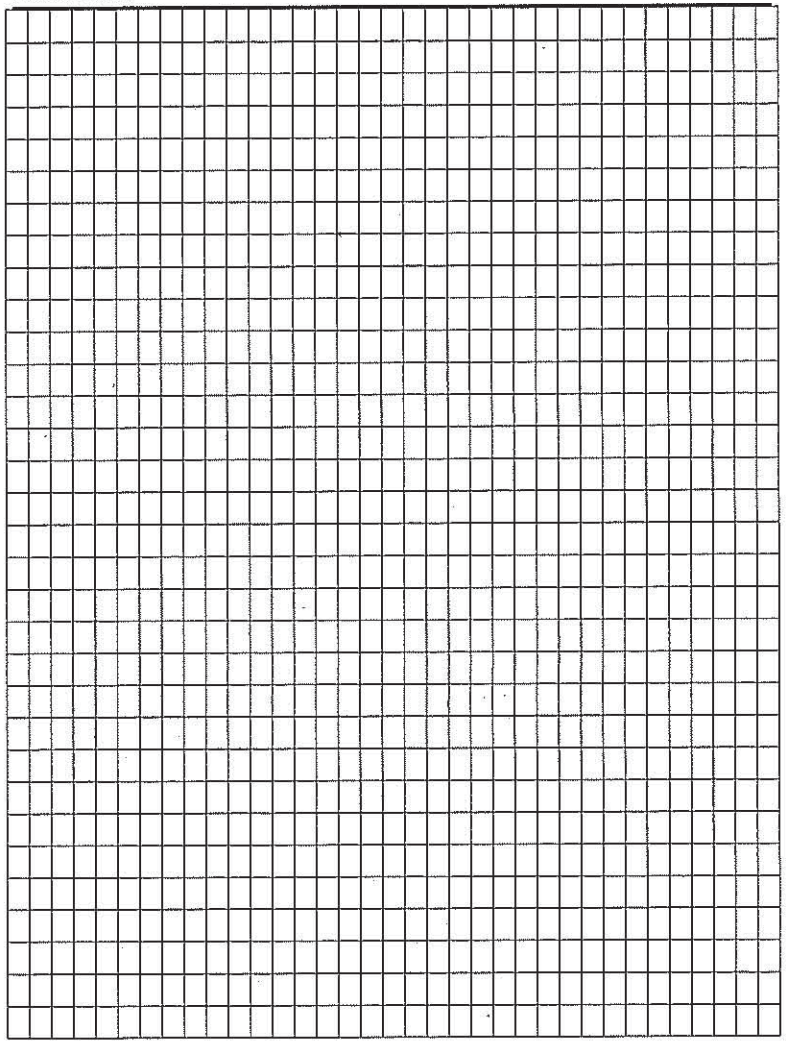
Basement:



First Floor:



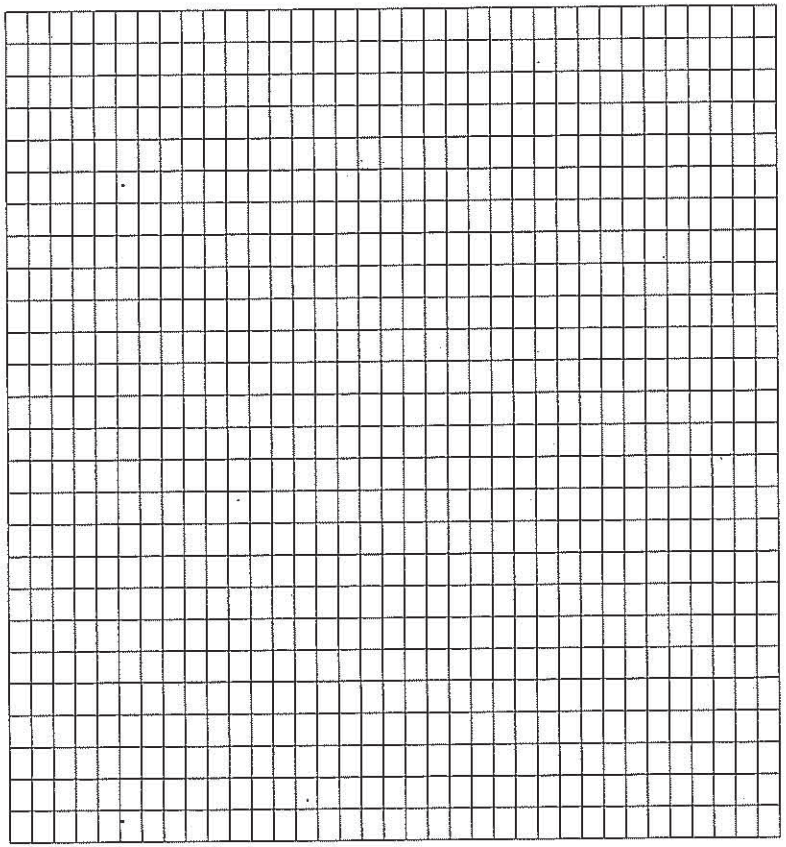
Second Floor:



12. OUTDOOR PLOT

Draw a sketch of the area surrounding the building being sampled. If applicable, provide information on spill locations, potential air contamination sources (industries, gas stations, repair shops, landfills, etc), outdoor air sampling location(s) & PID meter readings.

Also indicate compass direction, wind direction & speed during sampling, the locations of the well & septic system, if applicable, & a qualifying statement to help locate the site on a topographic map.



13. PRODUCT INVENTORY FORM

Make & Model of field instrument used:_____

List specific products found in the residence that have the potential to affect indoor air quality.

Location	Product Description	Size (units)	Condition*	Chemical Ingredients	Field Instrument Reading (units)	Photo** Y / N

*Describe the condition of the product containers as Unopened (UO), Used (U), or Deteriorated (D)
** Photographs of the front & back of the product containers can replace the hand written list of chemical ingredients. However, the photographs must be of good quality & ingredient labels must be legible.

 Dressing Room.

Complete this form for each building involved in indoor air testing

Preparer's Name: Anne Whincup Date/Time Prepared: 26/05/2011
Preparer's Affiliation: EES Work Phone: (03) 96871666
Purpose of Investigation: Identify suitable sampling locations & potential indoor sources.

1. OCCUPANT:

Interviewed: Y/N

Last Name:_____ First Name:_____

Address:_____

County:_____

Home Phone:_____ Alternate Phone:_____

Number of Occupants/persons at this location:_____

Age of Occupants:_____

2. OWNER OR LANDLORD: (Check if same as occupant_____)

Interviewed: Y/N

Last Name:_____ First Name:_____

Address:_____

County:_____

Home Phone:_____ Alternate Phone:_____

3. BUILDING CHARACTERISTICS:

Type of Building: (Circle appropriate response)

Residential	School	(Commercial/Multi-use)
Industrial	Church	Other:_____

If the property is residential, type? (Circle appropriate response)

Ranch	2-Family	3-Family
Raised Ranch	Split Level	Colonial
Cape Cod	Contemporary	Mobile Home
Duplex	Apartment House	Townhouse/Condos
Modular	Log Home	Other:_____

If multiple units, how many?_____

If the property is commercial, type?

Business Type(s)_____

Does it include residences (i.e., multi-use)? Y/N If yes, how many?_____

Other characteristics:

Number of floors 1 Building age ORIGINAL GASWORKS BLG.

Is the building insulated Y/N? How air tight? Tight / (Average) / Not Tight

4. AIRFLOW

Use air current tubes or tracer smoke to evaluate airflow patterns & qualitatively describe:

Airflow between floors N/A.

Airflow near source N/A

Outdoor air infiltration MINIMAL.

Infiltration into air ducts UNKNOWN.

5. BASEMENT & CONSTRUCTION CHARACTERISTICS (Circle all that apply)

a. Above grade construction: wood frame concrete stone (brick) W. plaster board.

b. Basement type: full crawlspace slab other_____

c. Basement floor: concrete dirt stone other_____

d. Basement floor: unsealed sealed
covered with _____

e. Concrete floor: unsealed (sealed)
sealed with LINO.

f. Foundation walls: poured block stone

other_____

g. Foundation walls: unsealed sealed
sealed with _____.

h. The basement is: wet damp dry moldy N/A

i. The basement is: finished unfinished partially finished N/A

j. Sump present? Y (N)

k. Water in sump? Y (N) ~~not applicable~~

Basement/Lowest level depth below grade: SLAB ON GRADE CONSTRUCTION (feet)

Identify potential soil vapor entry points & approximate size (e.g., cracks, utility ports, drains)

6. HEATING, VENTING & AIR CONDITIONING (Circle all that apply)

Type of heating system(s) used in this building: (circle all that apply – note primary)

Hot air circulation	Heat pump	Hot water baseboard
~~Space heaters~~	Steam radiation	Radiant floor
~~Electric baseboard~~	Wood stove	Outdoor wood boiler
Other WALL UNIT ON FLOOR, IN CORNER.		

The primary type of fuel used is:

Natural gas	Fuel oil	Kerosene
(Electric)	Propane	Solar
Wood	Coal	

Domestic hot water tank fueled by: UNKNOWN

Boiler/furnace located in: Basement Outdoors Main Floor
N/A Other_____

Air conditioning: Central air Window units Open windows
FAN.

Heat Pump (None)

Are there air distribution ducts present? Y / N

Describe the supply & cold air return ductwork & its condition where visible, including whether there is a cold air return & tightness of duct joints. Indicate the locations on the floor plan diagram.

7. OCCUPANCY

Is basement/lowest lever occupied? Full-time (Occasionally) Seldom Almost never

Level General use of each floor (e.g., familyroom, bedroom, laundry, workshop, storage)

Basement: N/A

1st Floor DRESSING ROOM FOR THEATRE

2nd Floor N/A

3rd Floor N/A

4th Floor N/A

8. FACTORS THAT MAY INFLUENCE INDOOR AIR QUALITY

a. Is there an attached garage? Y/(N)
b. Does the garage have a separate heating unit? Y / N (NA)
c. Are petroleum-powered machines or vehicles stored in the garage (e.g., lawnmower, ATV, car) Y/N Please specify N/A
d. Has the building ever had a fire? Y/(N) When
e. Is a kerosene or unvented gas space heater present? Y/(N)
Where & Type?
f. Is there a workshop or hobby/craft area? Y/(N)
Where & Type?
g. Is there smoking in the building? Y/(N) Frequency?
h. Have cleaning products been used recently? (Y)/N When & Type? SMALL BATHROOM ATTACHED
i. Have cosmetic products been used recently? (Y)/N When & Type? → ASSUMED FOR PERFORMANCE
j. Has painting/staining been done in the last 6 months? Y/(N)
Where & When?
k. Is there new carpet, drapes or other textiles? Y/(N) Where & When?
l. Have air fresheners been used recently? (Y)/N When & Type?
m. Is there a kitchen exhaust fan? Y/N N/A
If yes, where vented?
n. Is there a bathroom exhaust fan? (Y)/N
If yes, where vented?
o. Is there a clothes dryer? Y/(N) If yes, ~~is it vented outside?~~ Y / N
p. Has there been a pesticide application? Y/(N) When & Type?
Are there odors in the building Y/(N)
If yes please describe:

Do any of the building occupants use solvents or volatile chemicals at work? Y/(N)
(e.g., chemical manufacturing or laboratory, auto mechanic or auto body shop, painting, fuel oil delivery, boiler mechanic, pesticide applicator, cosmetologist, carpet installer)
If yes, what type of solvents are used?
If yes, are their clothes washed at work? Y/(N)

Do any of the building occupants regularly use or work at a dry-cleaning service?
(circle appropriate response)
Yes, use dry-cleaning regularly (weekly)

Yes, use dry-cleaning infrequently (monthly or less)
Yes, work at a dry-cleaning service
No
Unknown

Is there a radon mitigation system for the building/structure? Y / N

Date of Installation:_____

Is the system active or passive? Active/Passive

9. WATER & SEWAGE

Water Supply: Public water Drilled well Driven well Dug well
Other:_____

Sewage Disposal: Public sewer Septic tank Leach field Dry well
Other:_____

10. RELOCATION INFORMATION (for oil spill residential emergency)

a. Provide reasons why relocation is recommended:_____

b. Residents choose to: remain in home relocate to friends/family relocate to hotel/motel

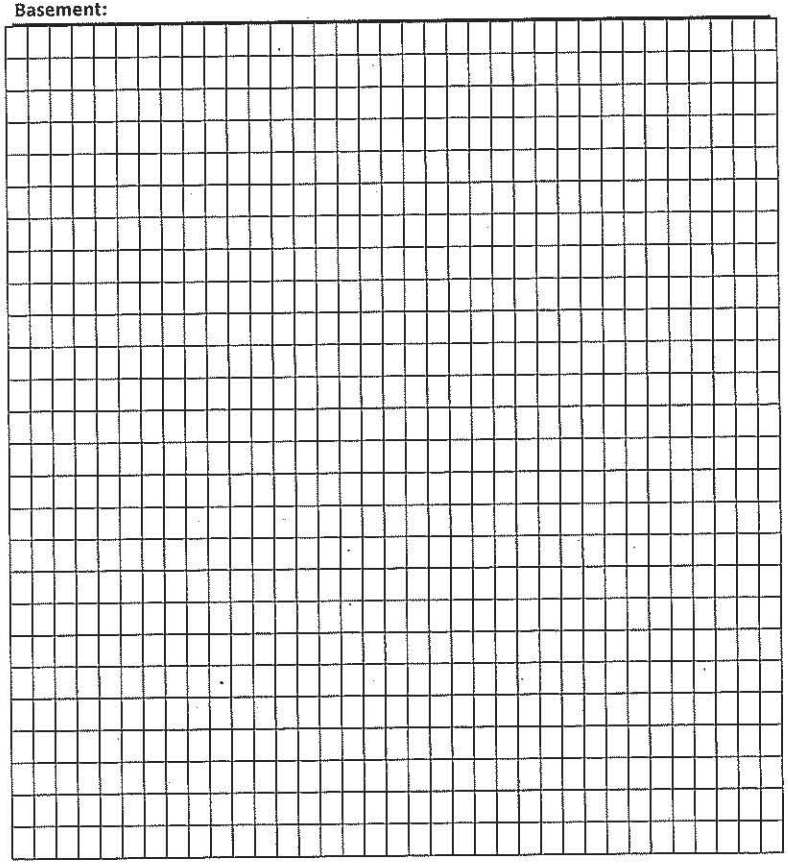
c. Responsibility for costs associated with reimbursement explained? Y / N

d. Relocation package provided & explained to residents? Y / N

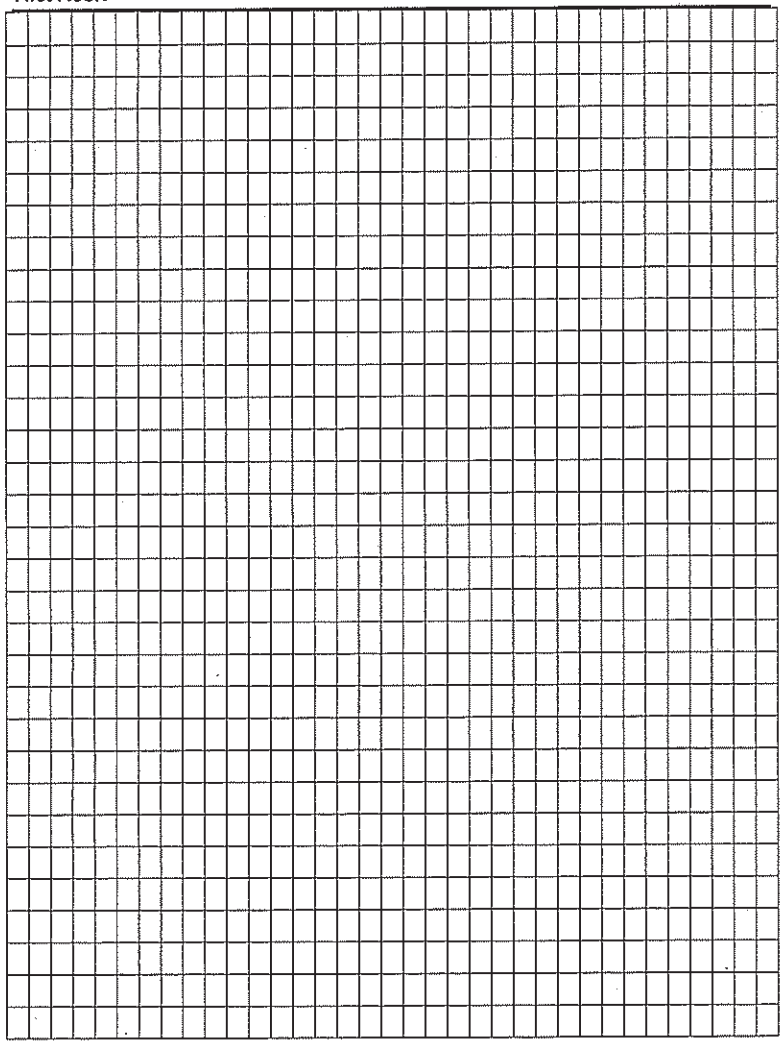
11. FLOOR PLANS

Draw a plan view sketch of the basement & first floor of the building. Indicate air sampling locations, possible indoor air pollution sources and PID meter readings. If the building does not have a basement, please note.

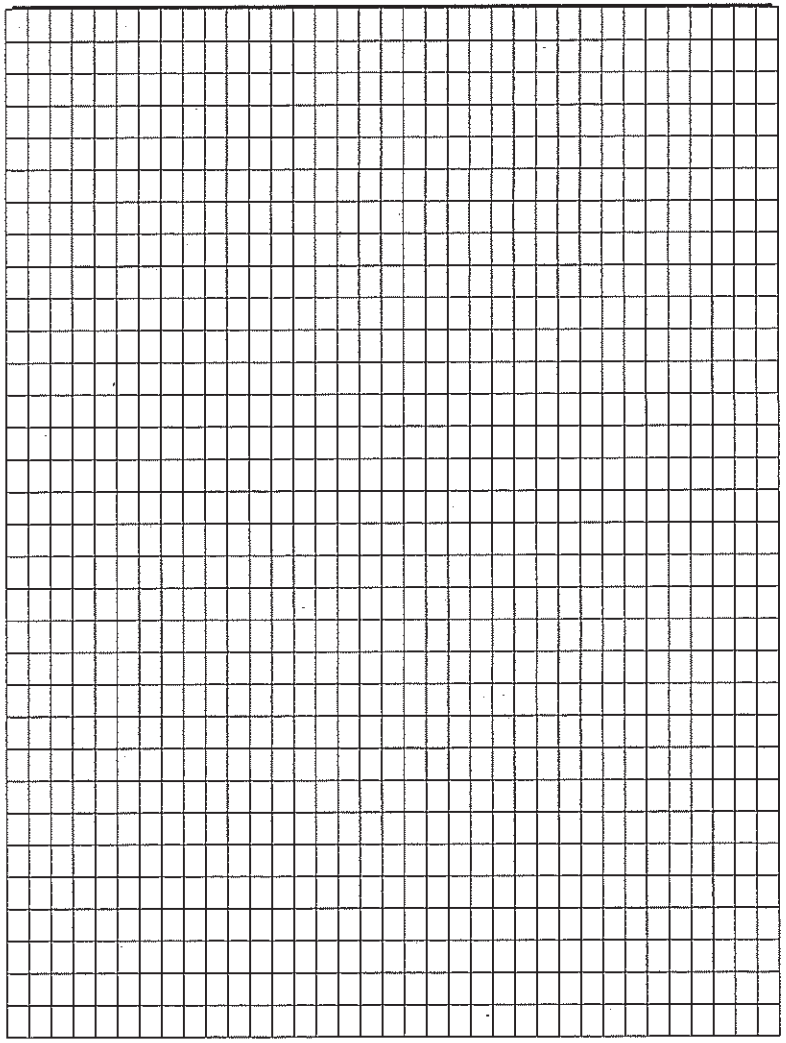
Basement:



First Floor:



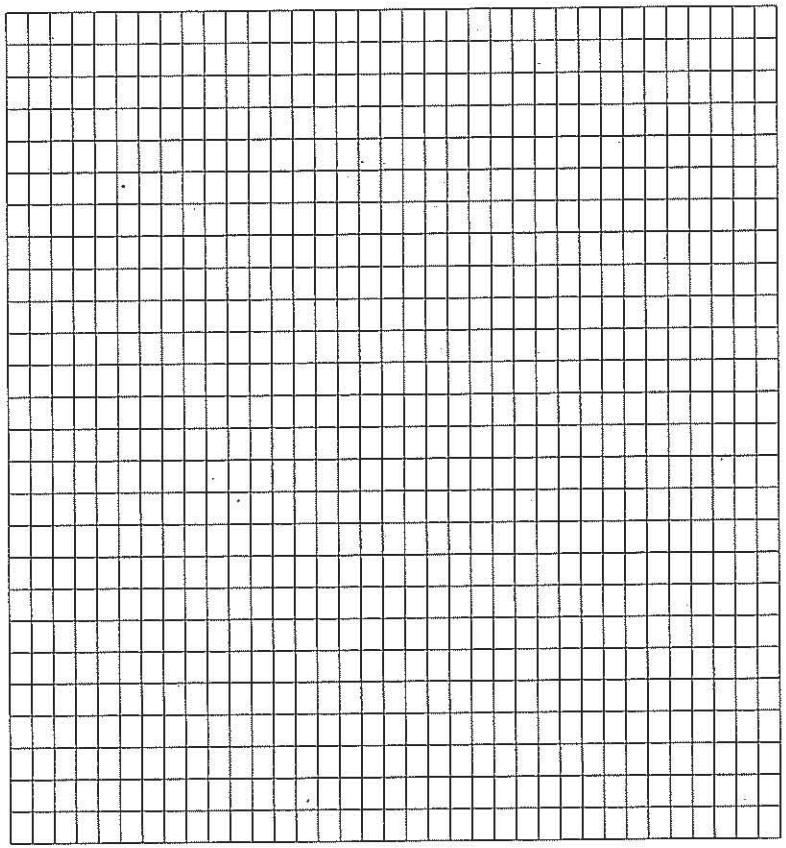
Second Floor:



12. OUTDOOR PLOT

Draw a sketch of the area surrounding the building being sampled. If applicable, provide information on spill locations, potential air contamination sources (industries, gas stations, repair shops, landfills, etc), outdoor air sampling location(s) & PID meter readings.

Also indicate compass direction, wind direction & speed during sampling, the locations of the well & septic system, if applicable, & a qualifying statement to help locate the site on a topographic map.



13. PRODUCT INVENTORY FORM

Make & Model of field instrument used:_____

List specific products found in the residence that have the potential to affect indoor air quality.

Location	Product Description	Size (units)	Condition*	Chemical Ingredients	Field Instrument Reading (units)	Photo** Y / N

*Describe the condition of the product containers as Unopened (UO), Used (U), or Deteriorated (D)
** Photographs of the front & back of the product containers can replace the hand written list of chemical ingredients. However, the photographs must be of good quality & ingredient labels must be legible.

 Cafe.

Complete this form for each building involved in indoor air testing

Preparer's Name: Anne Whincup Date/Time Prepared: 26/5/2011
Preparer's Affiliation: EES Work Phone: (03) 9685 1666
Purpose of Investigation: Identify suitable sampling locations & potential indoor sources.

1. OCCUPANT:

Interviewed: Y/N

Last Name:_____ First Name:_____

Address:_____

County:_____

Home Phone:_____ Alternate Phone:_____

Number of Occupants/persons at this location:_____

Age of Occupants:_____

2. OWNER OR LANDLORD: (Check if same as occupant_____)

Interviewed: Y/N

Last Name:_____ First Name:_____

Address:_____

County:_____

Home Phone:_____ Alternate Phone:_____

3. BUILDING CHARACTERISTICS:

Type of Building: (Circle appropriate response)

Residential	School	(Commercial/Multi-use)
Industrial	Church	Other:_____

If the property is residential, type? (Circle appropriate response)

Ranch	2-Family	3-Family
Raised Ranch	Split Level	Colonial
Cape Cod	Contemporary	Mobile Home
Duplex	Apartment House	Townhouse/Condos
Modular	Log Home	Other:_____

If multiple units, how many?_____

If the property is commercial, type?

Business Type(s) CAFE

Does it include residences (i.e., multi-use)? Y/N If yes, how many?_____

Other characteristics:

Number of floors 1 Building age ORIGINAL CANEWORKS BUILDING

Is the building insulated (Y)/N? How air tight? Tight / (Average) / Not Tight

4. AIRFLOW

Use air current tubes or tracer smoke to evaluate airflow patterns & qualitatively describe:

Airflow between floors

Airflow near source

Outdoor air infiltration

High during Summer.

Infiltration into air ducts N/A

5. BASEMENT & CONSTRUCTION CHARACTERISTICS (Circle all that apply)

a. Above grade construction: wood frame concrete stone brick

b. ~~Basement type~~: full crawlspace slab other N/A.

c. ~~Basement floor~~: concrete dirt stone other

d. ~~Basement floor~~: unsealed sealed
covered with

e. Concrete floor: unsealed sealed
sealed with TILES.

f. Foundation walls: poured block stone
other BRICK.

g. Foundation walls: unsealed sealed
sealed with

h. The basement is: wet damp dry moldy N/A

i. The basement is: finished unfinished partially finished N/A

j. Sump present? Y (N)

k. Water in sump? Y / N not applicable

Basement/Lowest level depth below grade: SLAB ON GRADE (feet) N/A.

Identify potential soil vapor entry points & approximate size (e.g., cracks, utility ports, drains)
ALOT OF SERVICES. BENEATH BUILDING.
FLOOR IN GOOD CONDITION.

6. HEATING, VENTING & AIR CONDITIONING (Circle all that apply)

Type of heating system(s) used in this building: (circle all that apply – note primary)

Hot air circulation	Heat pump	Hot water baseboard
Space heaters	Steam radiation	Radiant floor
Electric baseboard	Wood stove	Outdoor wood boiler

Other SPLIT SYSTEM ELECTRIC WALL UNIT.

The primary type of fuel used is:

Natural gas	Fuel oil	Kerosene
(Electric)	Propane	Solar
Wood	Coal	

Domestic hot water tank fueled by: UNKNOWN

Boiler/furnace located in: Basement Outdoors Main Floor N/A.
Other

Air conditioning: Central air Window units (Open windows)

During Summer Eastern portion of cafe is opened up by removing glass walls.

Heat Pump (None)

Are there air distribution ducts present? Y (N)

Describe the supply & cold air return ductwork & its condition where visible, including whether there is a cold air return & tightness of duct joints. Indicate the locations on the floor plan diagram.

7. OCCUPANCY

Is basement/lowest lever occupied? Full-time Occasionally Seldom Almost never

Commercial assume 8hr/day.

Level General use of each floor (e.g., familyroom, bedroom, laundry, workshop, storage)

Basement: N/A

1st Floor CAFE

2nd Floor —

3rd Floor —

4th Floor —

8. FACTORS THAT MAY INFLUENCE INDOOR AIR QUALITY

a. Is there an attached garage? Y (N)

b. Does the garage have a separate heating unit? Y / N (NA)

c. Are petroleum-powered machines or vehicles stored in the garage (e.g., lawnmower, ATV, car) Y/N Please specify N/A

d. Has the building ever had a fire? Y / (N) When

e. Is a kerosene or unvented gas space heater present? Y (N)

Where & Type?

f. Is there a workshop or hobby/craft area? Y (N)

Where & Type?

g. Is there smoking in the building? Y (N) Frequency?

h. Have cleaning products been used recently? (Y) / N When & Type? CAFE CLEANED EVERY DAY.

i. Have cosmetic products been used recently? Y (N) When & Type?

j. Has painting/staining been done in the last 6 months? Y (N)

Where & When?

k. Is there new carpet, drapes or other textiles? Y (N) Where & When?

l. Have air fresheners been used recently? Y (N) When & Type?

m. Is there a kitchen exhaust fan? (Y) / N

If yes, where vented?

n. Is there a bathroom exhaust fan? Y / N

If yes, where vented? N/A toilets located separately

o. Is there a clothes dryer? Y (N) If yes, is it vented outside? Y / N

p. Has there been a pesticide application? Y (N) When & Type?

Are there odors in the building Y (N)

If yes please describe:

Do any of the building occupants use solvents or volatile chemicals at work? Y (N)

(e.g., chemical manufacturing or laboratory, auto mechanic or auto body shop, painting, fuel oil delivery, boiler mechanic, pesticide applicator, cosmetologist, carpet installer)

If yes, what type of solvents are used? N/A

If yes, are their clothes washed at work? Y / N

Do any of the building occupants regularly use or work at a dry-cleaning service? (circle appropriate response)

Yes, use dry-cleaning regularly (weekly)

Yes, use dry-cleaning infrequently (monthly or less)
Yes, work at a dry-cleaning service
No
Unknown

Is there a radon mitigation system for the building/structure? Y / N

Date of Installation:_____

Is the system active or passive? Active/Passive

9. WATER & SEWAGE

Water Supply: Public water Drilled well Driven well Dug well
Other:_____

Sewage Disposal: Public sewer Septic tank Leach field Dry well
Other:_____

ASSOCIATED W. SEPERATE TOILETS.

10. RELOCATION INFORMATION (for oil spill residential emergency)

a. Provide reasons why relocation is recommended:_____

b. Residents choose to: remain in home relocate to friends/family relocate to hotel/motel

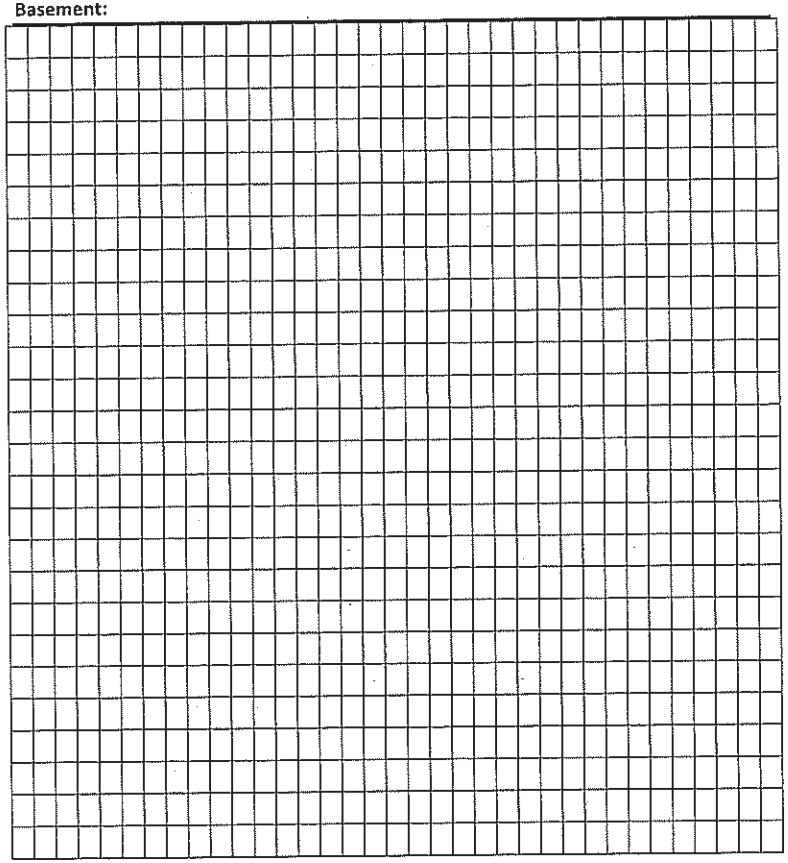
c. Responsibility for costs associated with reimbursement explained? Y / N

d. Relocation package provided & explained to residents? Y / N

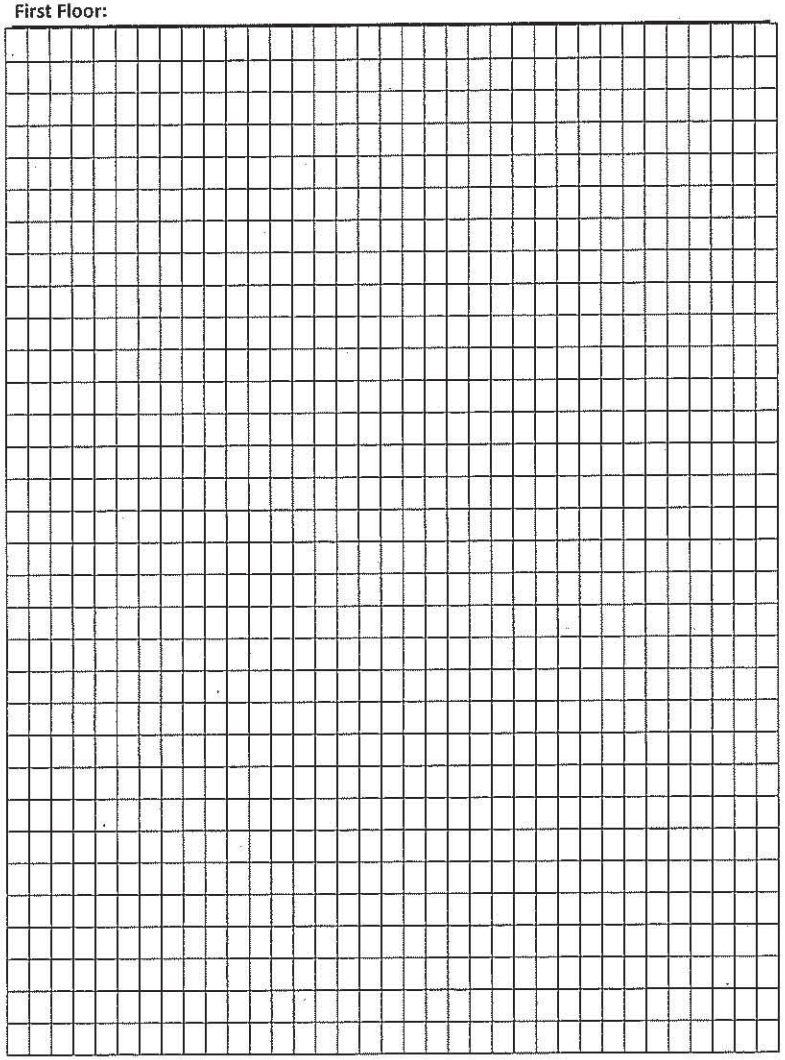
11. FLOOR PLANS

Draw a plan view sketch of the basement & first floor of the building. Indicate air sampling locations, possible indoor air pollution sources and PID meter readings. If the building does not have a basement, please note.

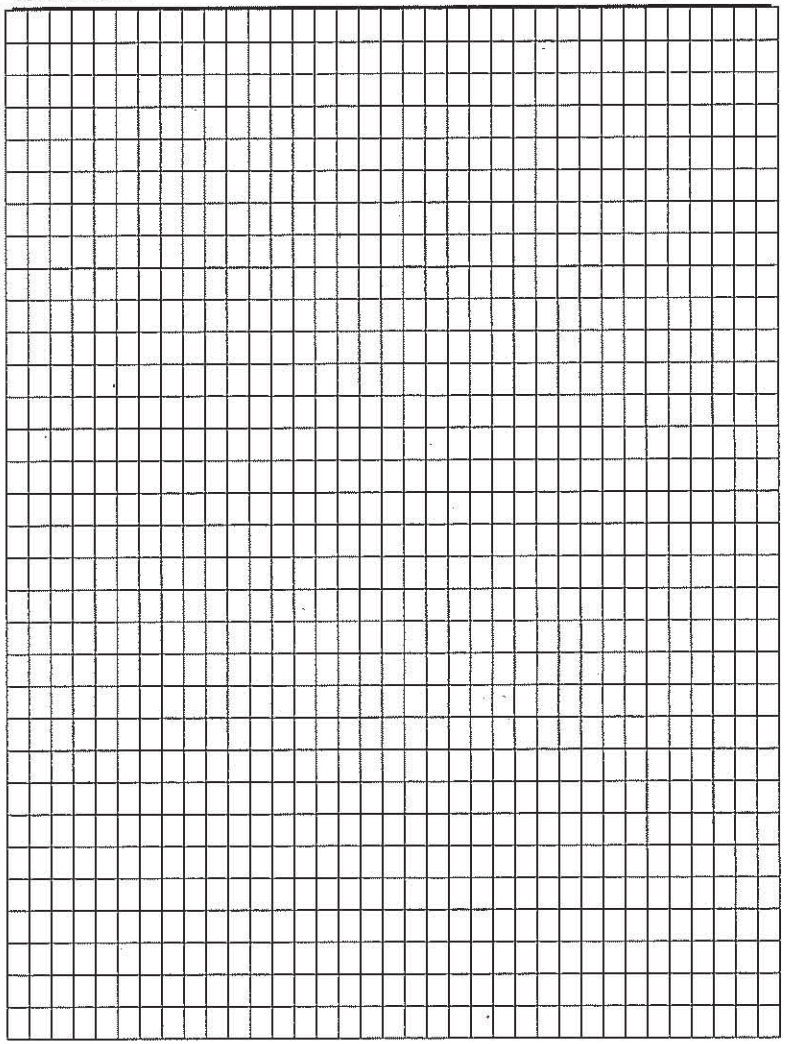
Basement:



First Floor:



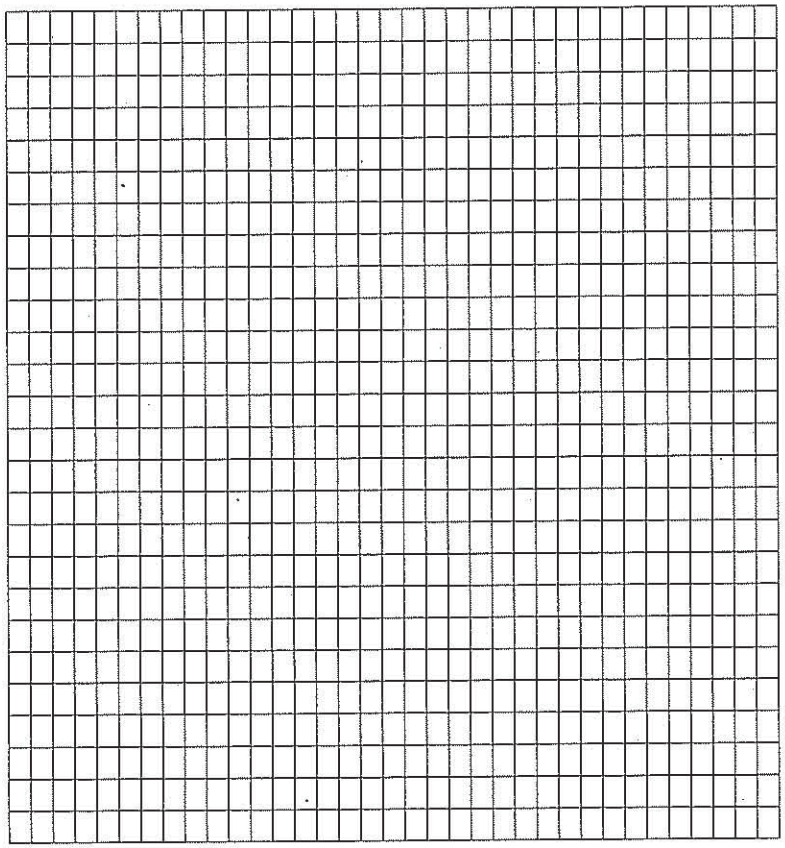
Second Floor:



12. OUTDOOR PLOT

Draw a sketch of the area surrounding the building being sampled. If applicable, provide information on spill locations, potential air contamination sources (industries, gas stations, repair shops, landfills, etc), outdoor air sampling location(s) & PID meter readings.

Also indicate compass direction, wind direction & speed during sampling, the locations of the well & septic system, if applicable, & a qualifying statement to help locate the site on a topographic map.



13. PRODUCT INVENTORY FORM

Make & Model of field instrument used:_____

List specific products found in the residence that have the potential to affect indoor air quality.

Location	Product Description	Size (units)	Condition*	Chemical Ingredients	Field Instrument Reading (units)	Photo** Y / N

*Describe the condition of the product containers as Unopened (UO), Used (U), or Deteriorated (D)
** Photographs of the front & back of the product containers can replace the hand written list of chemical ingredients. However, the photographs must be of good quality & ingredient labels must be legible.

Building 11 - Theatre ~~Studio~~ workshop.

Complete this form for each building involved in indoor air testing

Preparer's Name: David James Date/Time Prepared: 18/05/2011 -
Preparer's Affiliation: EES. Work Phone: 96871666
Purpose of Investigation: Identify suitable sampling locations & potential indoor sources.

1. OCCUPANT:

Interviewed: Y/N See notes

Last Name:_____ First Name:_____

Address:_____

County:_____

Home Phone:_____ Alternate Phone:_____

Number of Occupants/persons at this location:_____

Age of Occupants:_____

2. OWNER OR LANDLORD: (Check if same as occupant_____)

Interviewed: Y/N

Last Name:_____ First Name:_____

Address:_____

County:_____

Home Phone:_____ Alternate Phone:_____

3. BUILDING CHARACTERISTICS:

Type of Building: (Circle appropriate response)

Residential	School	(Commercial/Multi-use)
Industrial	Church	Other:_____

If the property is residential, type? (Circle appropriate response)

Ranch	2-Family	3-Family
Raised Ranch	Split Level	Colonial
Cape Cod	Contemporary	Mobile Home
Duplex	Apartment House	Townhouse/Condos
Modular	Log Home	Other:_____

If multiple units, how many? 1

If the property is commercial, type?
Business Type(s) Commercial

Does it include residences (i.e., multi-use)? Y/N If yes, how many?_____

Other characteristics:
Number of floors 1 Building age ≈

Is the building insulated Y/N? How air tight? Tight / Average / Not Tight

4. AIRFLOW

Use air current tubes or tracer smoke to evaluate airflow patterns & qualitatively describe:

Airflow between floors

Airflow near source

Outdoor air infiltration

Infiltration into air ducts

5. BASEMENT & CONSTRUCTION CHARACTERISTICS (Circle all that apply) No basement

a. Above grade construction: wood frame concrete stone (brick)

b. Basement type: full crawlspace slab other_____

c. Basement floor: (concrete) dirt stone other_____

d. Basement floor: unsealed sealed
covered with _____

e. Concrete floor: unsealed (sealed)
sealed with _____

f. Foundation walls: poured block stone

other brick

g. Foundation walls: unsealed sealed
sealed with mortar

h. The basement is: wet damp dry moldy NA

i. The basement is: finished unfinished partially finished Not

j. Sump present? Y / N

k. Water in sump? Y / N not applicable

Basement/Lowest level depth below grade: NA (feet)

Identify potential soil vapor entry points & approximate size (e.g., cracks, utility ports, drains)

6. HEATING, VENTING & AIR CONDITIONING (Circle all that apply)

Type of heating system(s) used in this building: (circle all that apply – note primary)

Hot air circulation	Heat pump	Hot water baseboard
Space heaters	Steam radiation	Radiant floor
Electric baseboard	Wood stove	Outdoor wood boiler

Other No Heating / air conditioning

The primary type of fuel used is:

(Natural gas)	Fuel oil	Kerosene
(Electric)	Propane	Solar
Wood	Coal	

Domestic hot water tank fueled by: electricity

Boiler/furnace located in: Basement Outdoors Main Floor NA
Other_____

Air conditioning: Central air Window units (Open windows)

Heat Pump None

Are there air distribution ducts present? Y /(N)

Describe the supply & cold air return ductwork & its condition where visible, including whether there is a cold air return & tightness of duct joints. Indicate the locations on the floor plan diagram.

7. OCCUPANCY

Is basement/lowest lever occupied? Full-time (Occasionally)
Seldom Almost never

Level General use of each floor (e.g., familyroom, bedroom, laundry, workshop, storage)

Basement: NA

1st Floor work shop / Storage area.

2nd Floor

3rd Floor

4th Floor

8. FACTORS THAT MAY INFLUENCE INDOOR AIR QUALITY

a. Is there an attached garage? Y /(N)
b. Does the garage have a separate heating unit? Y / N (NA)
c. Are petroleum-powered machines or vehicles stored in the garage (e.g., lawnmower, ATV, car) Y/N Please specify
d. Has the building ever had a fire? Y /(N) When
e. Is a kerosene or unvented gas space heater present? Y (N)
Where & Type?
f. Is there a workshop or hobby/craft area? (Y) N
Where & Type?
g. Is there smoking in the building? Y /(N) Frequency?
h. Have cleaning products been used recently? Y / N When & Type?
i. Have cosmetic products been used recently? Y / N When & Type?
j. Has painting/staining been done in the last 6 months? (Y) / N
Where & When? main area 3 weeks
k. Is there new carpet, drapes or other textiles? (Y) / N Where & When?
l. Have air fresheners been used recently? Y /(N) When & Type?
m. Is there a kitchen exhaust fan? Y /(N)
If yes, where vented?
n. Is there a bathroom exhaust fan? Y /(N)
If yes, where vented?
o. Is there a clothes dryer? Y /(N) If yes, is it vented outside? Y / N
p. Has there been a pesticide application? Y / (N) When & Type?
Are there odors in the building Y /(N)
If yes please describe:

Do any of the building occupants use solvents or volatile chemicals at work? (Y) N
(e.g., chemical manufacturing or laboratory, auto mechanic or auto body shop, painting, fuel oil delivery, boiler mechanic, pesticide applicator, cosmetologist, carpet installer)
If yes, what type of solvents are used? turpentine / citronella
If yes, are their clothes washed at work? Y /(N)

Do any of the building occupants regularly use or work at a dry-cleaning service? (circle appropriate response)
Yes, use dry-cleaning regularly (weekly)

Yes, use dry-cleaning infrequently (monthly or less)
Yes, work at a dry-cleaning service
(No)
Unknown

Is there a radon mitigation system for the building/structure? Y /(N)

Date of Installation:_____

Is the system active or passive? Active/Passive

9. WATER & SEWAGE

Water Supply: (Public water) Drilled well Driven well Dug well
Other:_____

Sewage Disposal: (Public sewer) Septic tank Leach field Dry well
Other:_____

10. RELOCATION INFORMATION (for oil spill residential emergency)

a. Provide reasons why relocation is recommended:_____

_____

b. Residents choose to: remain in home relocate to friends/family
relocate to hotel/motel

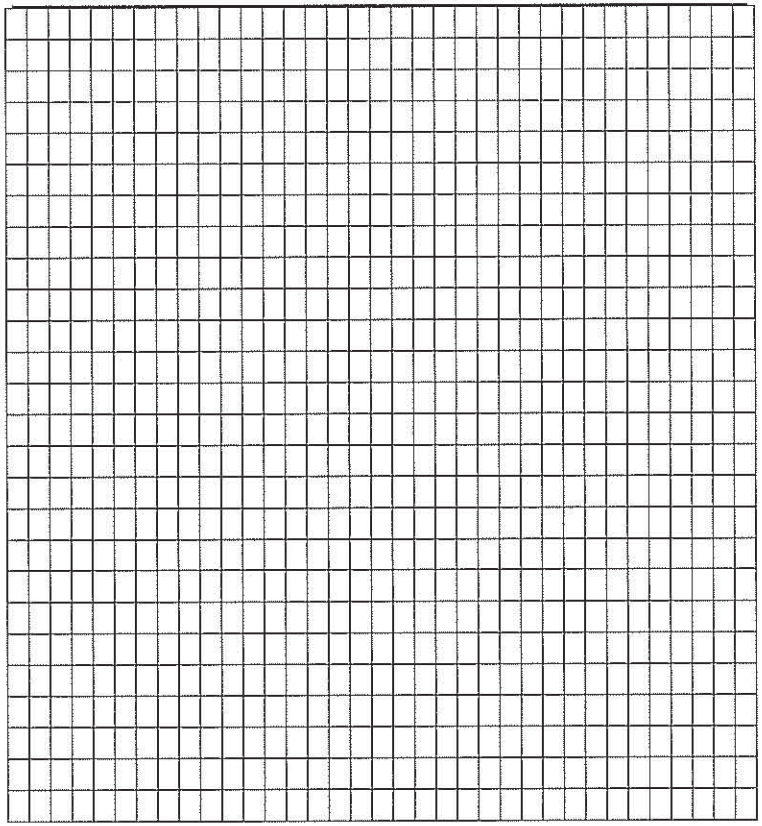
c. Responsibility for costs associated with reimbursement explained? Y / N

d. Relocation package provided & explained to residents? Y / N

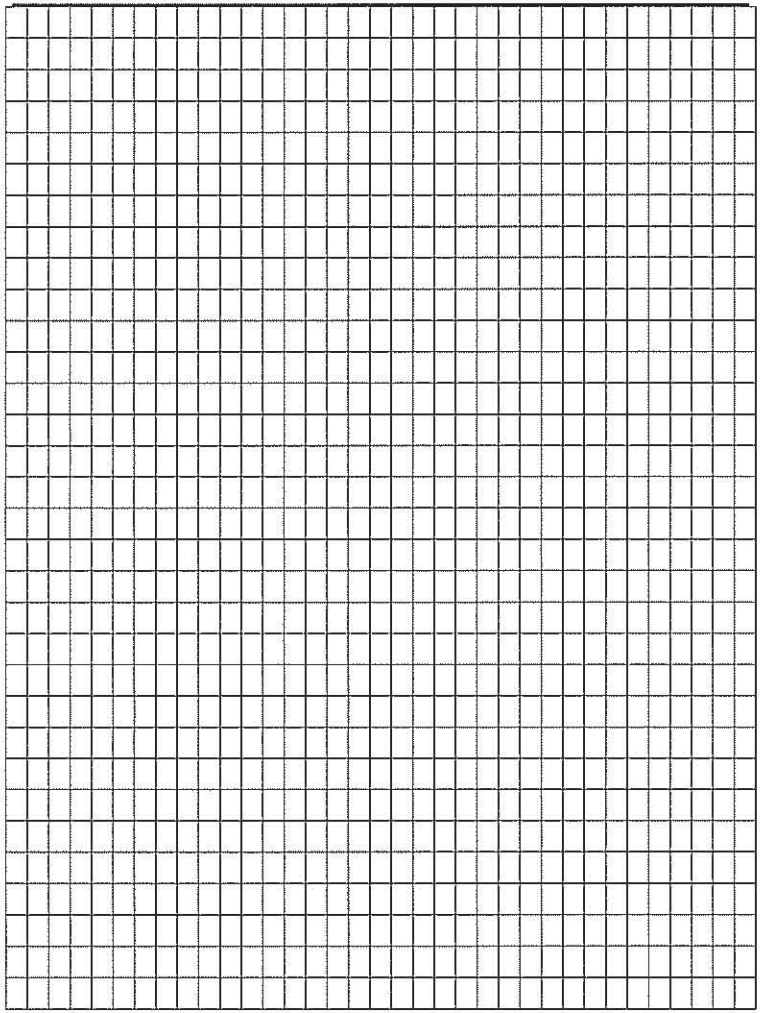
11. FLOOR PLANS

Draw a plan view sketch of the basement & first floor of the building. Indicate air sampling locations, possible indoor air pollution sources and PID meter readings. If the building does not have a basement, please note.

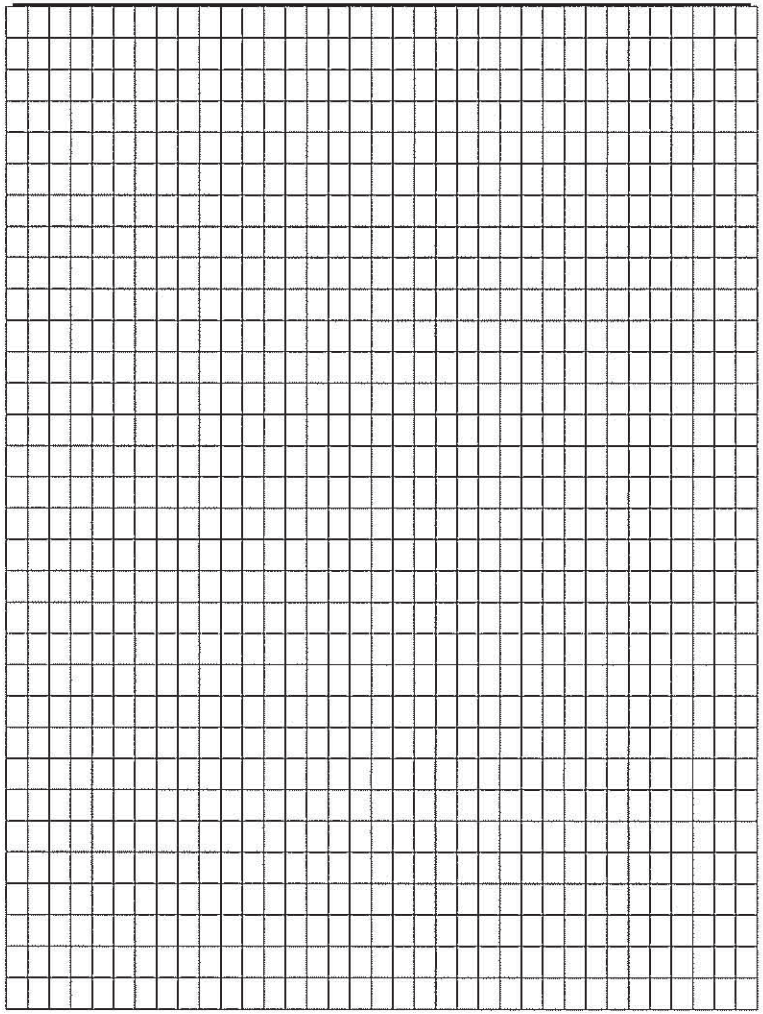
Basement:



First Floor:



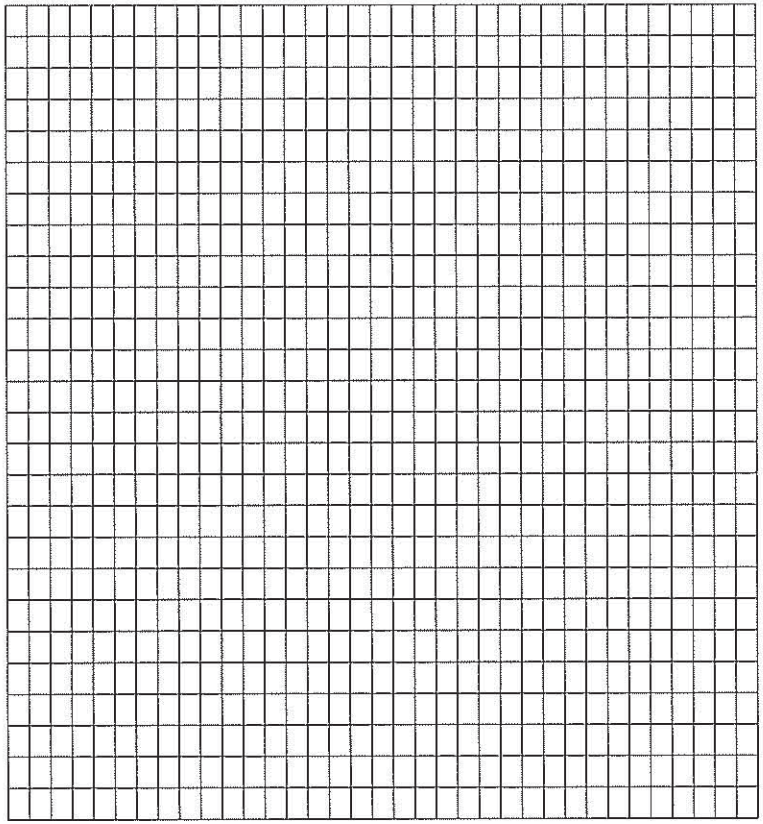
Second Floor:



12. OUTDOOR PLOT

Draw a sketch of the area surrounding the building being sampled. If applicable, provide information on spill locations, potential air contamination sources (industries, gas stations, repair shops, landfills, etc), outdoor air sampling location(s) & PID meter readings.

Also indicate compass direction, wind direction & speed during sampling, the locations of the well & septic system, if applicable, & a qualifying statement to help locate the site on a topographic map.



13. PRODUCT INVENTORY FORM

Make & Model of field instrument used:_____

List specific products found in the residence that have the potential to affect indoor air quality.

Location	Product Description	Size (units)	Condition*	Chemical Ingredients	Field Instrument Reading (units)	Photo** Y / N
	Dulux Paint	4 litre	good	paint		Y
	turpentine	500ml	"	turps		Y
	chlorella	1L	"			
	Adesive spray can		"			
	Petrol	500L				
	Martin smoke fluid					
	Metal primer tin					
	grip adhesive					
	PVA glue					
	Plumb-weld	PVC		Pumping fluid.		
	Glen 20	(disinfectant)				
	Laundry liquid					
	Sugar Soap					

*Describe the condition of the product containers as Unopened (UO), Used (U), or Deteriorated (D)
** Photographs of the front & back of the product containers can replace the hand written list of chemical ingredients. However, the photographs must be of good quality & ingredient labels must be legible.

Studio theatre

Complete this form for each building involved in indoor air testing

Preparer's Name: David Janes Date/Time Prepared: 18/05/2011
Preparer's Affiliation: EES Work Phone: 9687 1666
Purpose of Investigation: Identify suitable sampling locations & potential indoor sources.

1. OCCUPANT:

Interviewed: Y/N

Last Name:_____ First Name:_____

Address:_____

County:_____

Home Phone:_____ Alternate Phone:_____

Number of Occupants/persons at this location:_____

Age of Occupants:_____

2. OWNER OR LANDLORD: (Check if same as occupant_____)

Interviewed: Y/N

Last Name:_____ First Name:_____

Address:_____

County:_____

Home Phone:_____ Alternate Phone:_____

3. BUILDING CHARACTERISTICS:

Type of Building: (Circle appropriate response)

Residential	School	Commercial/Multi-use
Industrial	Church	Other:_____

If the property is residential, type? (Circle appropriate response)

Ranch	2-Family	3-Family
Raised Ranch	Split Level	Colonial
Cape Cod	Contemporary	Mobile Home
Duplex	Apartment House	Townhouse/Condos
Modular	Log Home	Other:_____

If multiple units, how many? 1

If the property is commercial, type?

Business Type(s)_____

Does it include residences (i.e., multi-use)? Y/N If yes, how many?_____

Other characteristics:

Number of floors 1 Building age_____

Is the building insulated Y/N? How air tight? Tight / Average / Not Tight

↳ walls only

4. AIRFLOW

Use air current tubes or tracer smoke to evaluate airflow patterns & qualitatively describe: minimal airflow

Airflow between floors

_____

_____

_____

Airflow near source

Outdoor air infiltration

Infiltration into air ducts

5. BASEMENT & CONSTRUCTION CHARACTERISTICS (Circle all that apply)

a. Above grade construction: wood frame concrete stone (brick)

b. Basement type: full crawlspace slab other N/A

c. Basement floor: concrete dirt stone other_____

d. Basement floor: unsealed sealed
covered with brick wall sealed

e. Concrete floor: unsealed sealed
sealed with wood floor above slab on ground

f. Foundation walls: poured block stone

other_____

g. Foundation walls: unsealed sealed
sealed with _____

h. The basement is: wet damp dry moldy

i. The basement is: finished unfinished partially finished

j. Sump present? Y / N

k. Water in sump? Y / N not applicable

Basement/Lowest level depth below grade:_____(feet)

Identify potential soil vapor entry points & approximate size (e.g., cracks, utility ports, drains)

6. HEATING, VENTING & AIR CONDITIONING (Circle all that apply)

Type of heating system(s) used in this building: (circle all that apply – note primary)

Hot air circulation	Heat pump	Hot water baseboard
Space heaters	Steam radiation	Radiant floor
Electric baseboard	Wood stove	Outdoor wood boiler

Other_____

The primary type of fuel used is:

Natural gas	Fuel oil	Kerosene
Electric	Propane	Solar
Wood	Coal	

Domestic hot water tank fueled by:_____

Boiler/furnace located in: Basement Outdoors Main Floor
Other_____

Air conditioning: Central air Window units Open windows

Heat Pump None

Are there air distribution ducts present? Y / N

Describe the supply & cold air return ductwork & its condition where visible, including whether there is a cold air return & tightness of duct joints. Indicate the locations on the floor plan diagram.

— Air conditioners x2 / gas leaks x4

7. OCCUPANCY

Is basement/lowest lever occupied? Full-time Occasionally
Seldom Almost never

Level General use of each floor (e.g., familyroom, bedroom, laundry, workshop, storage)

Basement:

1st Floor

2nd Floor

3rd Floor

4th Floor

8. FACTORS THAT MAY INFLUENCE INDOOR AIR QUALITY

a. Is there an attached garage? Y / N

b. Does the garage have a separate heating unit? Y / N NA

c. Are petroleum-powered machines or vehicles stored in the garage (e.g., lawnmower, ATV, car) Y/N Please specify

d. Has the building ever had a fire? Y / N When

e. Is a kerosene or unvented gas space heater present? Y / N
Where & Type?

f. Is there a workshop or hobby/craft area? Y / N
Where & Type?

g. Is there smoking in the building? Y / N Frequency?

h. Have cleaning products been used recently? Y / N When & Type?

i. Have cosmetic products been used recently? Y / N When & Type?

j. Has painting/staining been done in the last 6 months? Y / N
Where & When?

k. Is there new carpet, drapes or other textiles? Y / N Where & When?

l. Have air fresheners been used recently? Y / N When & Type?

m. Is there a kitchen exhaust fan? Y / N
If yes, where vented?

n. Is there a bathroom exhaust fan? Y / N
If yes, where vented?

o. Is there a clothes dryer? Y / N If yes, is it vented outside? Y / N

p. Has there been a pesticide application? Y / N When & Type?

Are there odors in the building Y / N
If yes please describe:

Do any of the building occupants use solvents or volatile chemicals at work? Y / (N)
(e.g., chemical manufacturing or laboratory, auto mechanic or auto body shop, painting, fuel oil delivery, boiler mechanic, pesticide applicator, cosmetologist, carpet installer)
If yes, what type of solvents are used?
If yes, are their clothes washed at work? Y / N

Do any of the building occupants regularly use or work at a dry-cleaning service? (circle appropriate response)
Yes, use dry-cleaning regularly (weekly)

Yes, use dry-cleaning infrequently (monthly or less)
Yes, work at a dry-cleaning service
No
Unknown

Is there a radon mitigation system for the building/structure? Y / N
Date of Installation:_____

Is the system active or passive? Active/Passive

9. WATER & SEWAGE

Water Supply: Public water Drilled well Driven well Dug well
Other:_____
Sewage Disposal: Public sewer Septic tank Leach field Dry well
Other:_____

10. RELOCATION INFORMATION (for oil spill residential emergency)

a. Provide reasons why relocation is recommended:_____

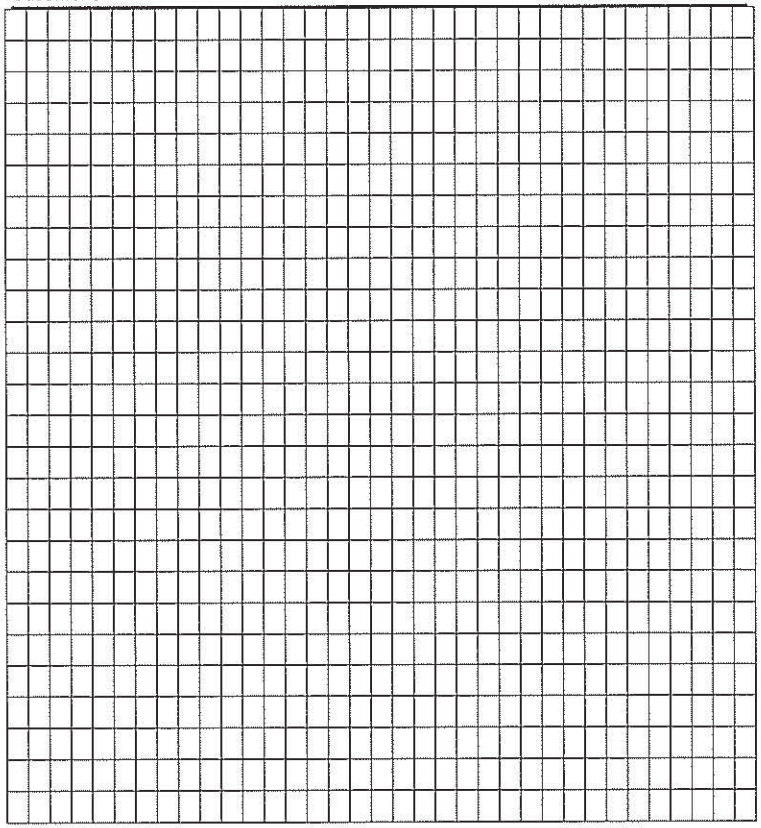
_____

b. Residents choose to: remain in home relocate to friends/family
relocate to hotel/motel
c. Responsibility for costs associated with reimbursement explained? Y / N
d. Relocation package provided & explained to residents? Y / N

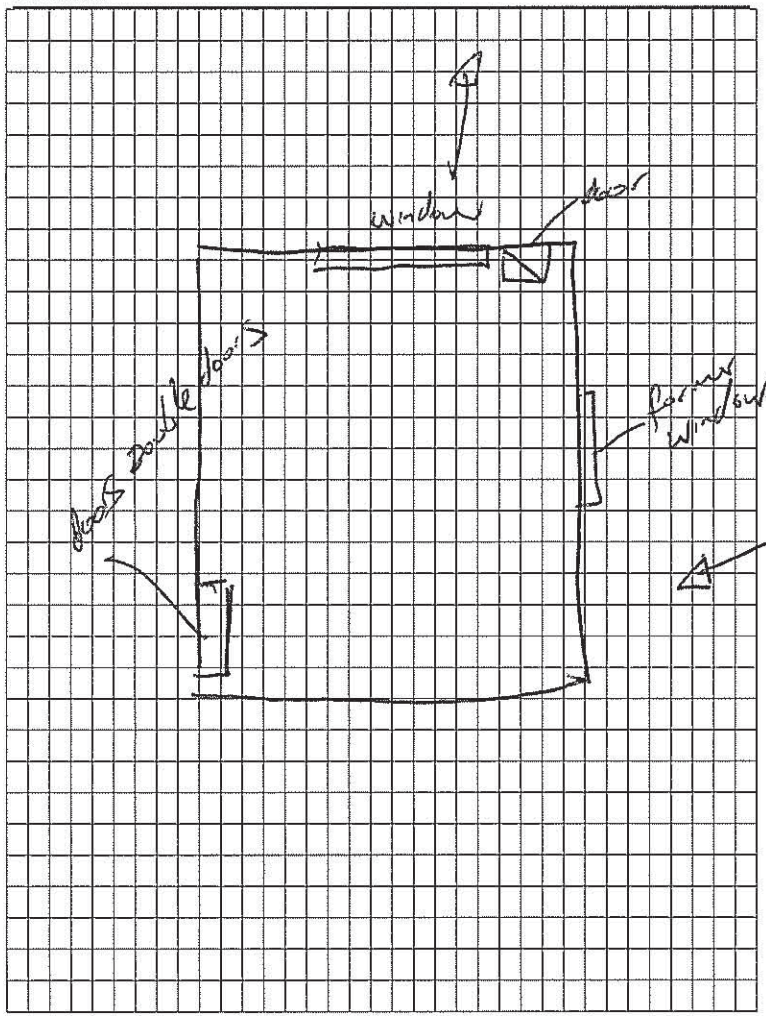
11. FLOOR PLANS

Draw a plan view sketch of the basement & first floor of the building. Indicate air sampling locations, possible indoor air pollution sources and PID meter readings. If the building does not have a basement, please note.

Basement:

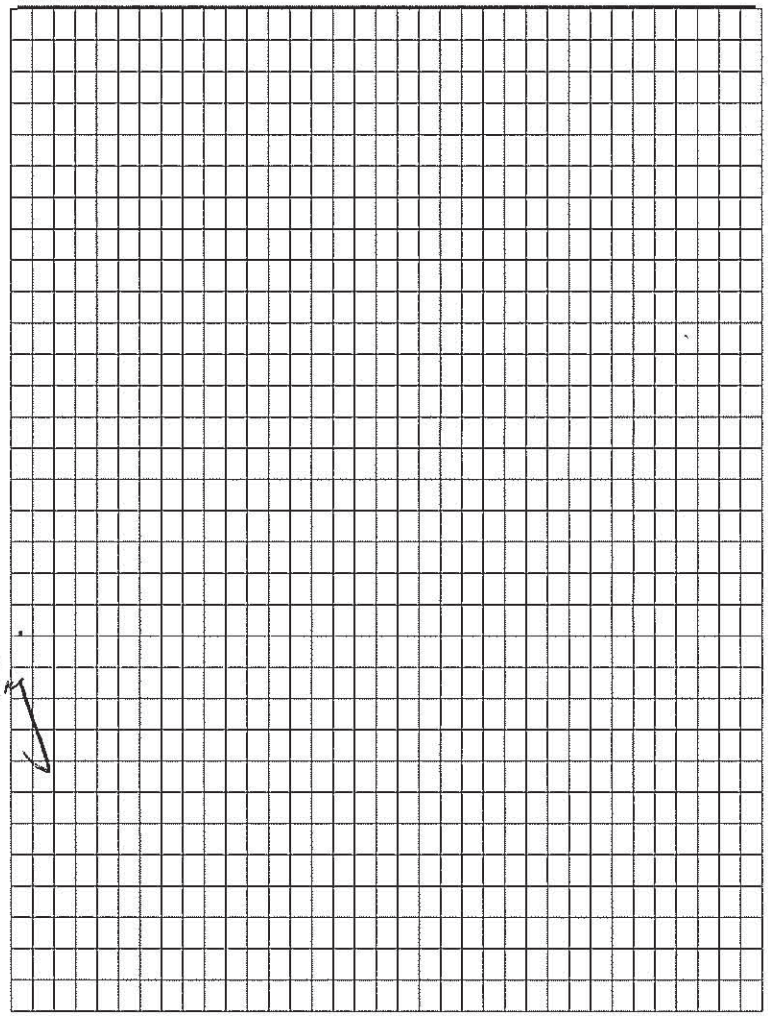


First Floor:



Guidance for Assessing and Remediating Vapor Intrusion in Buildings

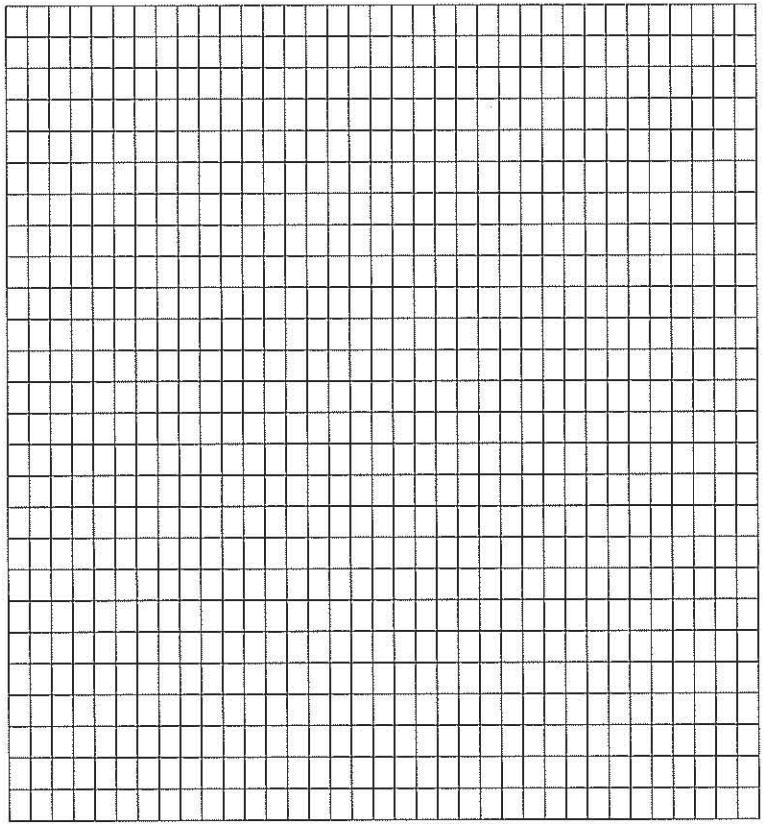
Second Floor:



12. OUTDOOR PLOT

Draw a sketch of the area surrounding the building being sampled. If applicable, provide information on spill locations, potential air contamination sources (industries, gas stations, repair shops, landfills, etc), outdoor air sampling location(s) & PID meter readings.

Also indicate compass direction, wind direction & speed during sampling, the locations of the well & septic system, if applicable, & a qualifying statement to help locate the site on a topographic map.



13. PRODUCT INVENTORY FORM

Make & Model of field instrument used:_____

List specific products found in the residence that have the potential to affect indoor air quality.

Location	Product Description	Size (units)	Condition*	Chemical Ingredients	Field Instrument Reading (units)	Photo** Y / N

*Describe the condition of the product containers as Unopened (UO), Used (U), or Deteriorated (D)
** Photographs of the front & back of the product containers can replace the hand written list of chemical ingredients. However, the photographs must be of good quality & ingredient labels must be legible.

Southport Nursing home.

Complete this form for each building involved in indoor air testing

Preparer's Name: David James Date/Time Prepared: 10/05/20
Preparer's Affiliation: EES Work Phone: 96871666
Purpose of Investigation: Identify suitable sampling locations & potential indoor sources.

1. OCCUPANT:

Interviewed: Y/N

Last Name:_____ First Name:_____

Address:_____

County:_____

Home Phone:_____ Alternate Phone:_____

Number of Occupants/persons at this location:_____

Age of Occupants:_____

2. OWNER OR LANDLORD: (Check if same as occupant_____)

Interviewed: Y/N

Last Name:_____ First Name:_____

Address:_____

County:_____

Home Phone:_____ Alternate Phone:_____

3. BUILDING CHARACTERISTICS:

Type of Building: (Circle appropriate response)

(Residential)	School	Commercial/Multi-use
Industrial	Church	Other: old person home

If the property is residential, type? (Circle appropriate response)

Ranch	2-Family	3-Family
Raised Ranch	Split Level	Colonial
Cape Cod	Contemporary	Mobile Home
Duplex	Apartment House	Townhouse/Condos
Modular	Log Home	Other:_____

If multiple units, how many? 1

If the property is commercial, type?
Business Type(s) old person's home

Does it include residences (i.e., multi-use)? Y/N If yes, how many?_____

Other characteristics:
Number of floors 1 Building age_____

Is the building insulated Y/N? How air tight? Tight / Average / Not Tight

4. AIRFLOW

Use air current tubes or tracer smoke to evaluate airflow patterns & qualitatively describe:

Airflow between floors

Airflow near source

_____

_____

Outdoor air infiltration

_____

_____

Infiltration into air ducts

_____

_____

5. BASEMENT & CONSTRUCTION CHARACTERISTICS (Circle all that apply)

a. Above grade construction: wood frame concrete stone (brick)

b. Basement type: full crawlspace (slab) other_____

c. Basement floor: concrete dirt stone other_____

d. Basement floor: unsealed sealed
covered with _____

e. Concrete floor: unsealed sealed
sealed with _____

f. Foundation walls: poured block stone

other_____

g. Foundation walls: unsealed (sealed)
sealed with _____ brick

_____

h. The basement is: wet damp dry moldy

i. The basement is: finished unfinished partially finished

j. Sump present? Y / N N.A

k. Water in sump? Y / N not applicable

Basement/Lowest level depth below grade:_____(feet)

Identify potential soil vapor entry points & approximate size (e.g., cracks, utility ports, drains)

_____

_____

6. HEATING, VENTING & AIR CONDITIONING (Circle all that apply)

Type of heating system(s) used in this building: (circle all that apply – note primary)

(Hot air circulation) Heat pump Hot water baseboard
Space heaters Steam radiation Radiant floor
Electric baseboard Wood stove Outdoor wood boiler
Other Split system heating / wall panel heater (water)

The primary type of fuel used is:

Natural gas Fuel oil Kerosene
Electric Propane Solar
Wood Coal

Domestic hot water tank fueled by:_____

Boiler/furnace located in: Basement Outdoors Main Floor
Other_____

Air conditioning: (Central air) (Window units) Open windows

Heat Pump None

Are there air distribution ducts present? Y / N

Describe the supply & cold air return ductwork & its condition where visible, including whether there is a cold air return & tightness of duct joints. Indicate the locations on the floor plan diagram.

– floor mopped daily
– Carpet deep clean once a week
– Quat sanitis
–Avon.
–sure start.

7. OCCUPANCY

Is basement/lowest lever occupied? Full-time Occasionally Seldom Almost never

Level General use of each floor (e.g., familyroom, bedroom, laundry, workshop, storage)

Basement:

1st Floor

2nd Floor

3rd Floor

4th Floor

8. FACTORS THAT MAY INFLUENCE INDOOR AIR QUALITY

a. Is there an attached garage? Y / (N)
b. Does the garage have a separate heating unit? Y / N NA
c. Are petroleum-powered machines or vehicles stored in the garage (e.g., lawnmower, ATV, car) Y/N Please specify
d. Has the building ever had a fire? Y / N When
e. Is a kerosene or unvented gas space heater present? Y / N
Where & Type?
f. Is there a workshop or hobby/craft area? Y / N
Where & Type?
g. Is there smoking in the building? Y / (N) Frequency?
h. Have cleaning products been used recently? (Y) / N When & Type? see photos.
i. Have cosmetic products been used recently? Y / N When & Type?
j. Has painting/staining been done in the last 6 months? Y / N
Where & When?
k. Is there new carpet, drapes or other textiles? Y / N Where & When?
l. Have air fresheners been used recently? Y / N When & Type?
m. Is there a kitchen exhaust fan? Y / N
If yes, where vented?
n. Is there a bathroom exhaust fan? Y / N
If yes, where vented?
o. Is there a clothes dryer? Y / N If yes, is it vented outside? Y / N
p. Has there been a pesticide application? Y / N When & Type?
Are there odors in the building Y / N
If yes please describe:

Do any of the building occupants use solvents or volatile chemicals at work? Y / N
(e.g., chemical manufacturing or laboratory, auto mechanic or auto body shop, painting, fuel oil delivery, boiler mechanic, pesticide applicator, cosmetologist, carpet installer)
If yes, what type of solvents are used?
If yes, are their clothes washed at work? Y / N

Do any of the building occupants regularly use or work at a dry-cleaning service?
(circle appropriate response)
Yes, use dry-cleaning regularly (weekly)

Yes, use dry-cleaning infrequently (monthly or less)
Yes, work at a dry-cleaning service
No
Unknown

Is there a radon mitigation system for the building/structure? Y / N
Date of Installation:_____

Is the system active or passive? Active/Passive

9. WATER & SEWAGE

Water Supply: Public water Drilled well Driven well Dug well
Other:_____
Sewage Disposal: Public sewer Septic tank Leach field Dry well
Other:_____

10. **RELOCATION INFORMATION** (for oil spill residential emergency)

a. Provide reasons why relocation is recommended:_____

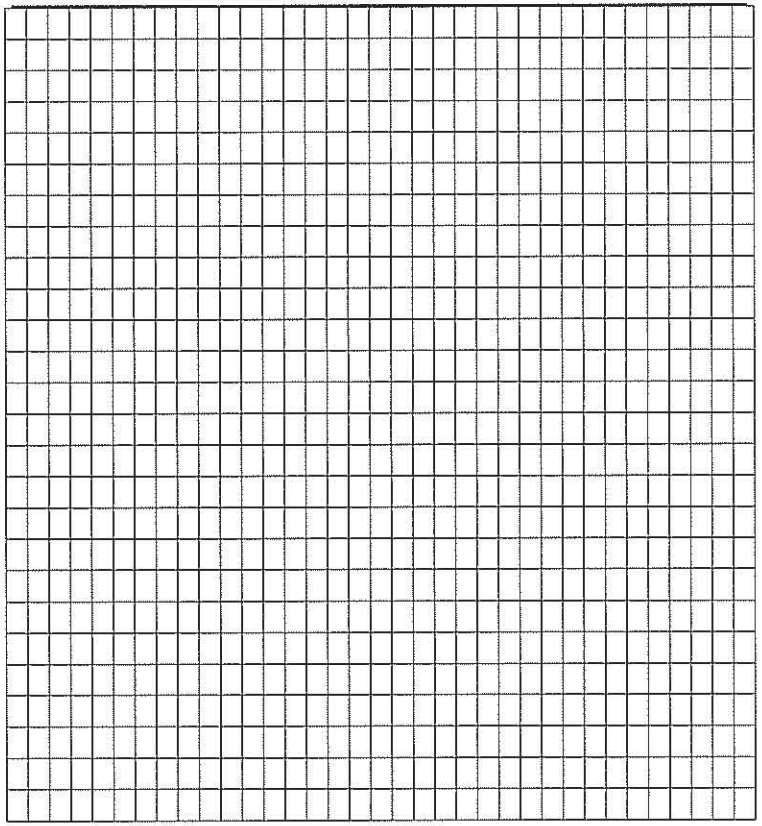
_____

b. Residents choose to: remain in home relocate to friends/family
relocate to hotel/motel
c. Responsibility for costs associated with reimbursement explained? Y / N
d. Relocation package provided & explained to residents? Y / N

11. FLOOR PLANS

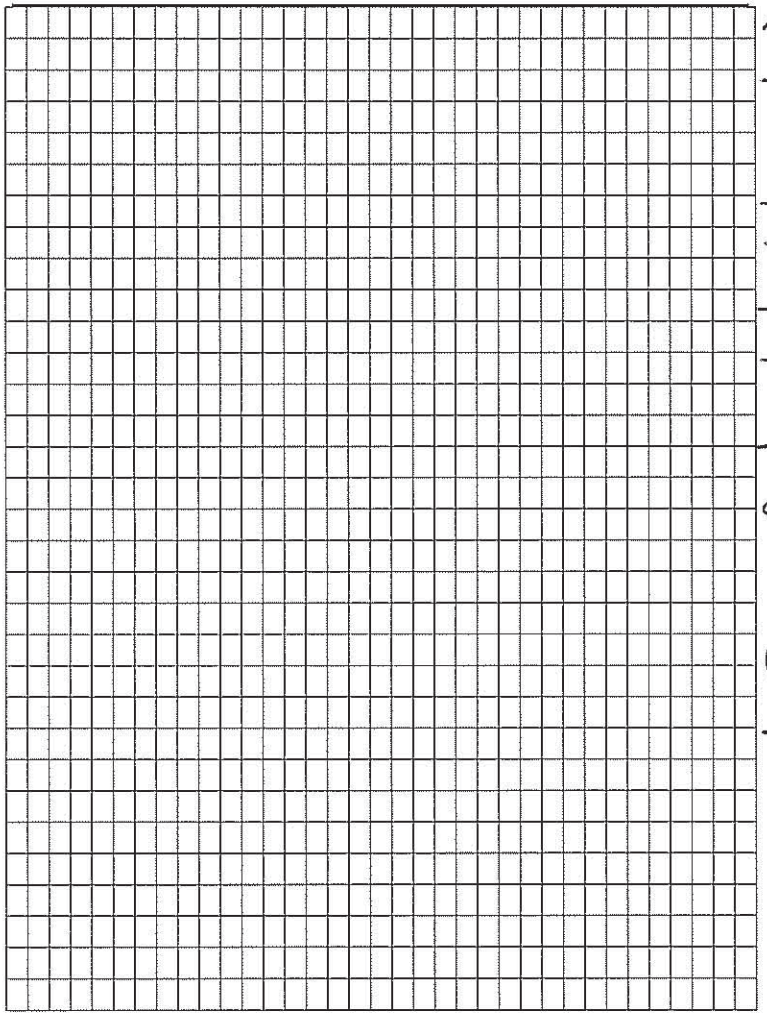
Draw a plan view sketch of the basement & first floor of the building. Indicate air sampling locations, possible indoor air pollution sources and PID meter readings. If the building does not have a basement, please note.

Basement:



Southport Community Nursing Home.

First Floor:

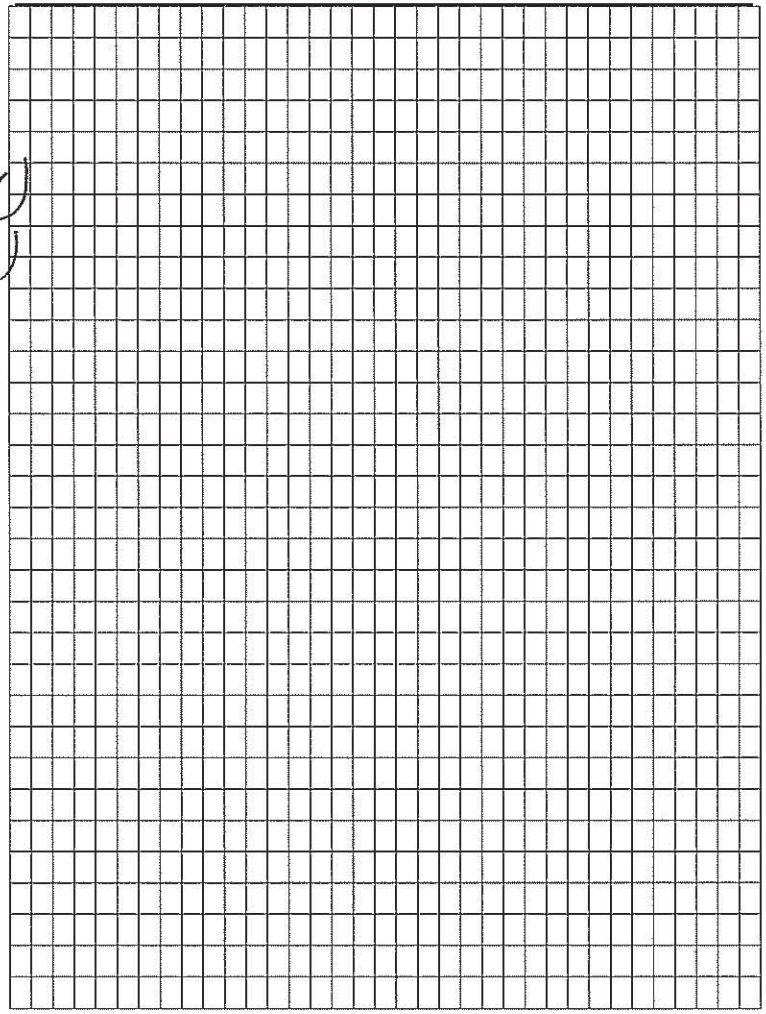


Residents room.
- brick/plaster
- fan
- windows (locked)
- wall heater (water)
- lino floor.
- concrete slab with floor boards

Separate heating and cooling system in Admin building.
- carpet
- slab on grad.
-

Guidance for Assessing and Remediating Vapor Intrusion in Buildings

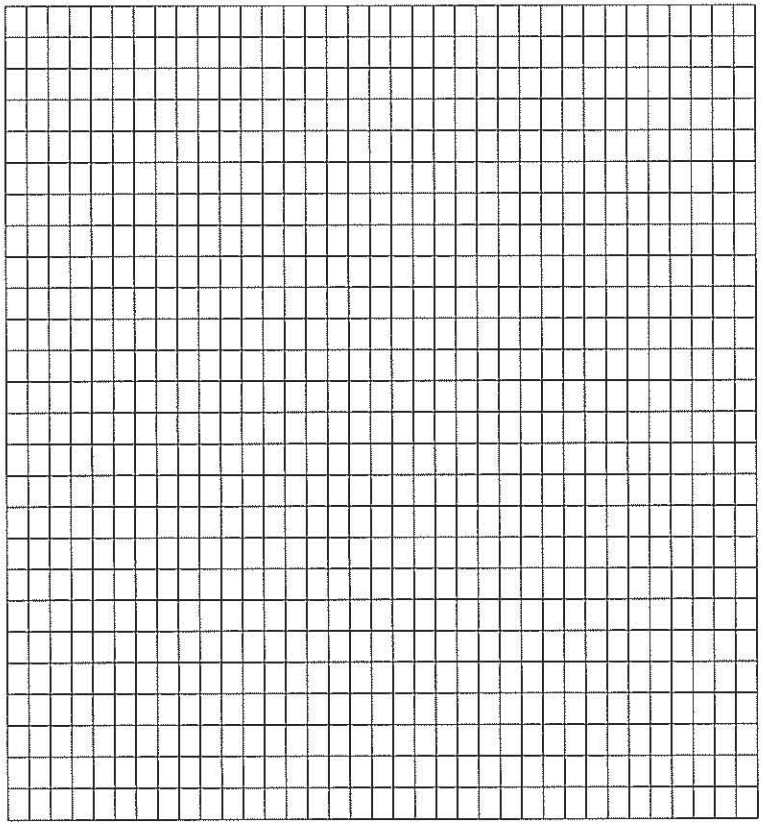
Second Floor:



12. OUTDOOR PLOT

Draw a sketch of the area surrounding the building being sampled. If applicable, provide information on spill locations, potential air contamination sources (industries, gas stations, repair shops, landfills, etc), outdoor air sampling location(s) & PID meter readings.

Also indicate compass direction, wind direction & speed during sampling, the locations of the well & septic system, if applicable, & a qualifying statement to help locate the site on a topographic map.



13. PRODUCT INVENTORY FORM

Make & Model of field instrument used:_____

List specific products found in the residence that have the potential to affect indoor air quality.

Location	Product Description	Size (units)	Condition*	Chemical Ingredients	Field Instrument Reading (units)	Photo** Y / N

*Describe the condition of the product containers as Unopened (UO), Used (U), or Deteriorated (D)
** Photographs of the front & back of the product containers can replace the hand written list of chemical ingredients. However, the photographs must be of good quality & ingredient labels must be legible.

gate house

Complete this form for each building involved in indoor air testing

Preparer's Name: Dave James Date/Time Prepared: 18/05/2011
Preparer's Affiliation: EES Work Phone: 96871666
Purpose of Investigation: Identify suitable sampling locations. & potential indoor sources.

1. OCCUPANT:

Interviewed: Y/N

Last Name:_____ First Name:_____

Address:_____

County:_____

Home Phone:_____ Alternate Phone:_____

Number of Occupants/persons at this location:_____

Age of Occupants:_____

2. OWNER OR LANDLORD: (Check if same as occupant_____)

Interviewed: Y/N

Last Name:_____ First Name:_____

Address:_____

County:_____

Home Phone:_____ Alternate Phone:_____

3. BUILDING CHARACTERISTICS:

Type of Building: (Circle appropriate response)

Residential	School	Commercial/Multi-use
Industrial	Church	Other: vacant (propose office space)

If the property is residential, type? (Circle appropriate response)

Ranch	2-Family	3-Family
Raised Ranch	Split Level	Colonial
Cape Cod	Contemporary	Mobile Home
Duplex	Apartment House	Townhouse/Condos
Modular	Log Home	Other:_____

If multiple units, how many? 2 s/o-y ✓

If the property is commercial, type?

Business Type(s)_____

Does it include residences (i.e., multi-use)? Y/N If yes, how many?_____

Other characteristics:

Number of floors 2 (mezzanine.) Building age_____

Is the building insulated Y/N? How air tight? Tight / Average / Not Tight

4. AIRFLOW

Use air current tubes or tracer smoke to evaluate airflow patterns & qualitatively describe:

Airflow between floors

_____

_____

_____

Airflow near source

Outdoor air infiltration

Infiltration into air ducts

5. BASEMENT & CONSTRUCTION CHARACTERISTICS (Circle all that apply)

a. Above grade construction: wood frame concrete stone (brick)

b. Basement type: full crawlspace slab other NA

c. Basement floor: concrete dirt stone other_____

d. Basement floor: unsealed sealed
covered with wood floor boards on s/ab

e. Concrete floor: unsealed sealed
sealed with _____

f. Foundation walls: poured block stone
other brick

g. Foundation walls: unsealed (sealed) brick sealed
sealed with _____

h. The basement is: wet damp dry moldy

i. The basement is: finished unfinished partially finished

j. Sump present? Y / N

k. Water in sump? Y / N not applicable

Basement/Lowest level depth below grade:_____(feet)

Identify potential soil vapor entry points & approximate size (e.g., cracks, utility ports, drains)

doors / cracks

6. HEATING, VENTING & AIR CONDITIONING (Circle all that apply)

Type of heating system(s) used in this building: (circle all that apply – note primary)

Hot air circulation	Heat pump	Hot water baseboard
Space heaters	Steam radiation	Radiant floor
Electric baseboard	Wood stove	Outdoor wood boiler
Other_____		

The primary type of fuel used is:

Natural gas	Fuel oil	Kerosene
Electric	Propane	Solar
Wood	Coal	

Domestic hot water tank fueled by: old wood fires

Boiler/furnace located in: Basement Outdoors Main Floor
Other NA

Air conditioning: Central air Window units (Open windows)

Heat Pump None

Are there air distribution ducts present? Y/ N yes high ventilation point to outside air.

Describe the supply & cold air return ductwork & its condition where visible, including whether there is a cold air return & tightness of duct joints. Indicate the locations on the floor plan diagram.

7. OCCUPANCY

Is basement/lowest lever occupied? Full-time Occasionally
Seldom Almost never

Level General use of each floor (e.g., familyroom, bedroom, laundry, workshop, storage)

Basement:

1st Floor old show room

2nd Floor

3rd Floor

4th Floor

8. FACTORS THAT MAY INFLUENCE INDOOR AIR QUALITY

a. Is there an attached garage? Y / (N)

b. Does the garage have a separate heating unit? Y / N NA

c. Are petroleum-powered machines or vehicles stored in the garage (e.g., lawnmower, ATV, car) Y/N Please specify

d. Has the building ever had a fire? Y / N When

e. Is a kerosene or unvented gas space heater present? Y / N

Where & Type?

f. Is there a workshop or hobby/craft area? Y / N

Where & Type?

g. Is there smoking in the building? Y / N Frequency?

h. Have cleaning products been used recently? Y / N When & Type?

i. Have cosmetic products been used recently? Y / N When & Type?

j. Has painting/staining been done in the last 6 months? Y / N

Where & When?

k. Is there new carpet, drapes or other textiles? Y / N Where & When?

l. Have air fresheners been used recently? Y / N When & Type?

m. Is there a kitchen exhaust fan? Y / N

If yes, where vented?

n. Is there a bathroom exhaust fan? Y / N

If yes, where vented?

o. Is there a clothes dryer? Y / N If yes, is it vented outside? Y / N

p. Has there been a pesticide application? Y / N When & Type?

Are there odors in the building Y / N

If yes please describe:

Do any of the building occupants use solvents or volatile chemicals at work? Y / N (e.g., chemical manufacturing or laboratory, auto mechanic or auto body shop, painting, fuel oil delivery, boiler mechanic, pesticide applicator, cosmetologist, carpet installer)

If yes, what type of solvents are used?

If yes, are their clothes washed at work? Y / N

Do any of the building occupants regularly use or work at a dry-cleaning service? (circle appropriate response)

Yes, use dry-cleaning regularly (weekly)

Yes, use dry-cleaning infrequently (monthly or less)
Yes, work at a dry-cleaning service
No
Unknown

Is there a radon mitigation system for the building/structure? Y / N
Date of Installation:___________________

Is the system active or passive? Active/Passive

9. WATER & SEWAGE

Water Supply: Public water Drilled well Driven well Dug well
Other:___________________

Sewage Disposal: Public sewer Septic tank Leach field Dry well
Other:___________________

10. RELOCATION INFORMATION (for oil spill residential emergency)

a. **Provide reasons why relocation is recommended:**___________________

b. **Residents choose to:** remain in home relocate to friends/family relocate to hotel/motel

c. **Responsibility for costs associated with reimbursement explained?** Y / N

d. **Relocation package provided & explained to residents?** Y / N

- Some paint tin under stairwell.
- gas heater downstairs x1 and upstairs x2.
- kitchen / fridge
- ventilation port near roof.
- fan upstairs.

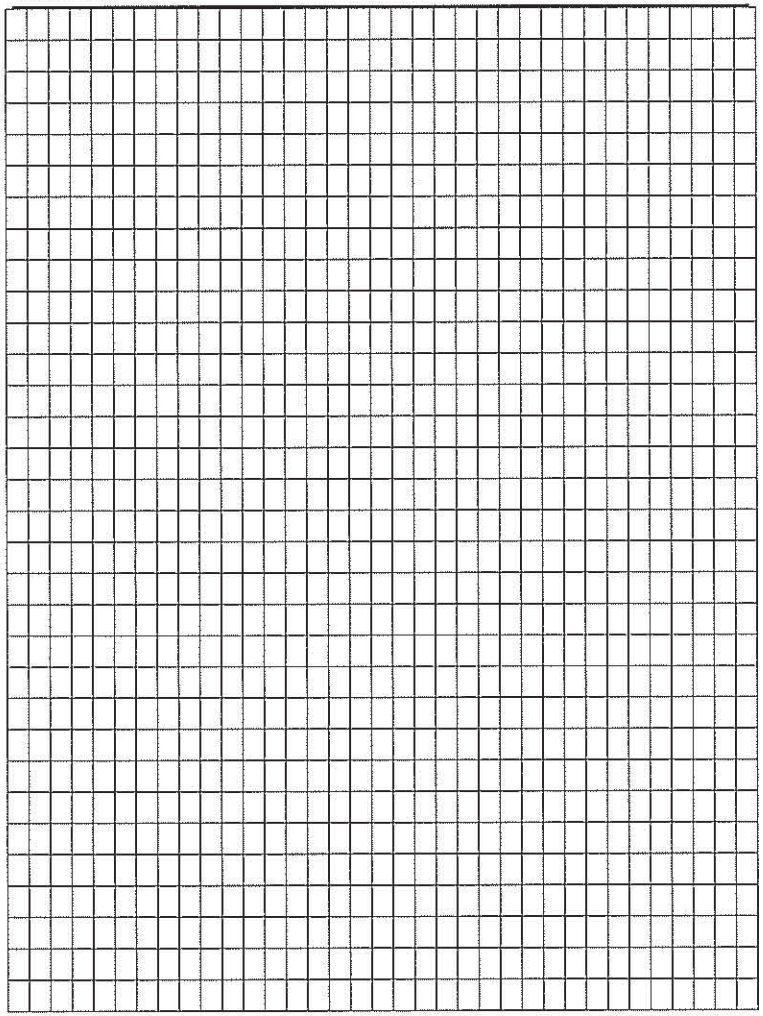
11. FLOOR PLANS

Draw a plan view sketch of the basement & first floor of the building. Indicate air sampling locations, possible indoor air pollution sources and PID meter readings. If the building does not have a basement, please note.

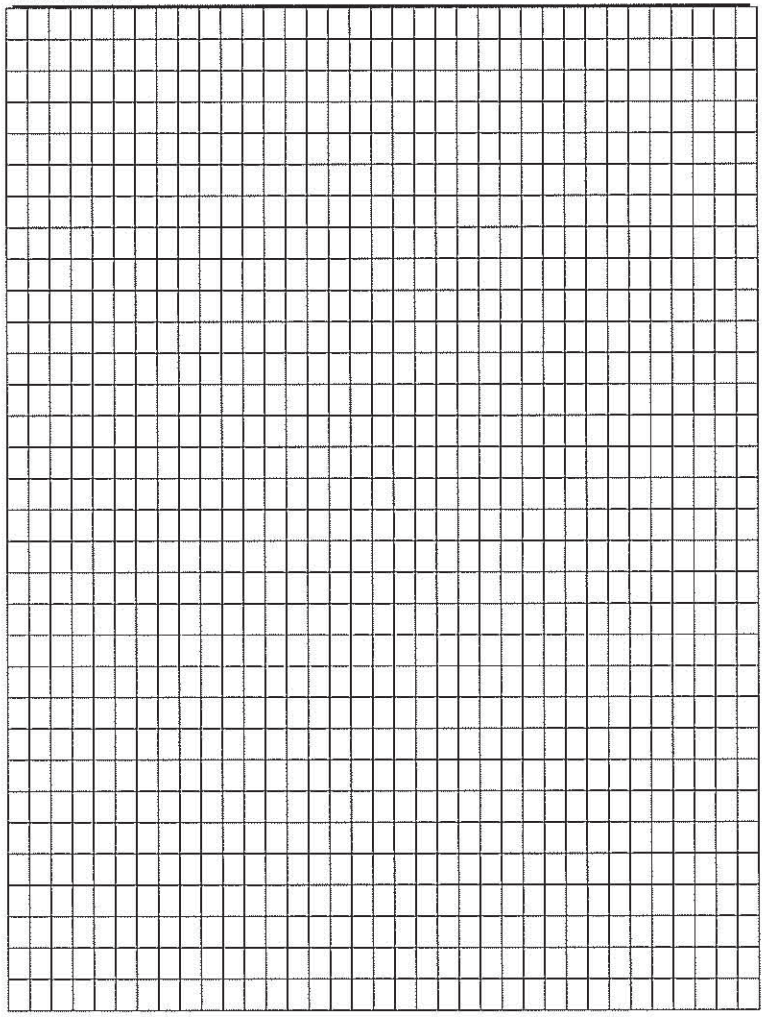
Basement:

- kitchen upstairs
- Some paint tin upstairs x2.
- toilet upstairs.
- 2 x old fire places
- floors wooden upstairs
-

First Floor:



Second Floor:



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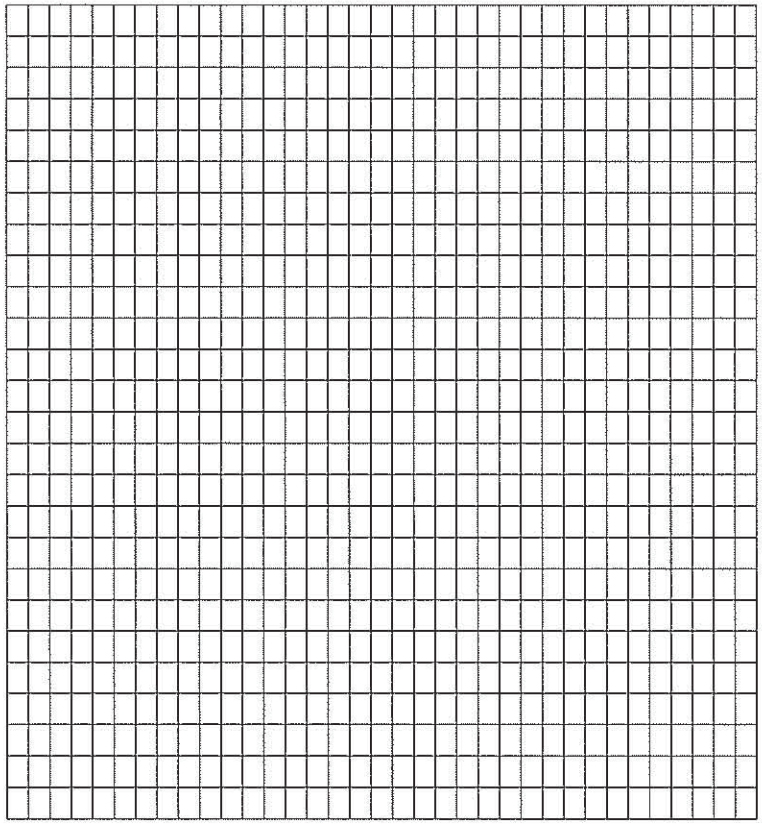

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APPENDIX B LABORATORY TRANSCRIPTS AND CHAIN OF CUSTODY FORMS

AIR CANISTER CHAIN OF CUSTODY

ALS

If sourced from an ALS Laboratory: please tick →

Client Supplied Canister(s)? Y / N

☐ Sydney: 277 Woodpark Rd, Smithfield NSW 2176 Ph: 02 8784 8555 E: samples.sydney@alsenviro.com
☐ Newcastle: 5 Rosegum Rd, Warabrook NSW 2304 Ph: 02 4968 9433 E: samples.newcastle@alsenviro.com
☐ Brisbane: 32 Shand St, Stafford QLD 4053 Ph: 07 3243 7222 E: samples.brisbane@alsenviro.com
☐ Townsville: 14-15 Desma Ct, Bohle QLD 4818 Ph: 07 4796 0600 E: townsville.environmental@alsenviro.com
☐ Melbourne: 2-4 Westall Rd, Springvale VIC 3171 Ph: 03 8549 9600 E: samples.melbourne@alsenviro.com
☐ Adelaide: 2-1 Burma Rd, Pooraka SA 5095 Ph: 08 8359 0890 E: adelaide@alsenviro.com
☐ Perth: 10 Hod Way, Malaga WA 6090 Ph: 08 9209 7655 E: samples.perth@alsenviro.com
☐ Launceston: 27 Wellington St, Launceston TAS 7250 Ph: 03 6331 2158 E: launceston@alsenviro.com

CLIENT: ENVIRONMENTAL EARTH SCIENCES
OFFICE: MELBOURNE
PROJECT: Sth Melb. Gasworks. PROJECT NO: 210074
CANISTER REQUEST NO: PURCHASE ORDER NO.:
PROJECT MANAGER: ANNE WHINCUP CONTACT PH: 0402 181 684
SAMPLER: ↓ SAMPLER MOBILE: ↓
COC Emailed to ALS? (YES / (NO)) HARDCOPY W. SAMPLES EDD FORMAT (or default):
Email Reports to (will default to PM if no other addresses are listed): awhincup@eesi.biz.
Email Invoice to (will default to PM if no other addresses are listed):

TURNAROUND REQUIREMENTS : (Standard TAT may be extended for multiple sequential analysis suites)
☑ Standard TAT (List due date):
☐ Non Standard or urgent TAT (List due date):

ALS QUOTE NO.: NE-001-11 EES
COUNTRY OF ORIGIN: AUSTRALIA.

COC SEQUENCE NUMBER (Circle)
COC: (1) 2 3 4 5 6 7
OF: 1 (2) 3 4 5 6 7

LABORATORY USE ONLY (Circle)
Custody Seal Intact? Rec Lab (Y)/N NE Y / N N/A
Valve closed on Receipt? Rec Lab (Y)/N NE Y / N N/A
Canister/Sampler Complete and Not Damaged (Yes) No
Other comment:

RELINQUISHED BY:	RELINQUISHED BY:	RELINQUISHED BY:	RELINQUISHED BY:
[signature] ALS 15/7/11 5PM	[signature] 1.30PM 19/07/11		
RECEIVED BY: [signature] 16/7/11 10:30	RECEIVED BY: [signature] ALS 21/7 11:50	RECEIVED BY:	RECEIVED BY:

COMMENTS/SPECIAL HANDLING/REPLACEMENT OR RETURN INSTRUCTIONS: QUOTE NE-001-11 EES.

GAS SAMPLE CONTAINER INFORMATION

LAB ID (ALS USE ONLY)	SERIAL NO.	CLIENT SAMPLE ID	DATE / TIME SAMPLED	MATRIX (eg Air)	Dispatch (ALS USE ONLY)	Post Sampling	Receipt (ALS USE ONLY)	Analysis Ambient	Dilution (Calc)	TO-14	TO-15	TO-15X				Additional Information
1	4989	Dressing Room	17/07/2011	Air	-30	-6	-6					X				8 hour
2	4780	Theatre.	17/07/2011	↓	-30	-5	-2					X				↓
3	4982	office/admin	17/07/2011		-25	-5	-5					X				
4	4748	Duplicate.	17/07/2011		-30	-7	-8					X				↓
5	4974	Visual Arts 1	17/07/2011		-30	0	+5					✓				left over night.
6	4977	Sculpture studio	17/07/2011		-30	-5	-4					✓				8-hour
7	4777	SPNH-bedroom	18-19/07/2011		-30	-9	-10					✓				24-hour
	4994				-30											Not used
8	4760	SPNH-communal	18-19/07/2011		-30	-7	0					X				24-hour
9	4768	Visual Arts 2	17/07/2011		-30	-6	-6					X				8-hour
10	4987	Arts & Craft Studio	17/07/2011		-30	-17	-17					X				↓
11	4772	Ceramic studio	17/07/2011		-30	-7	-7					X				
12	4736	Theatre w/shop	17/07/2011		-30	-5	-5					X				
13	4985	Cafe	17/07/2011	↓	-30	-6	-6					X				↓

Canister Gauge Pressures (PSI)

ANALYSIS REQUIRED — Suite Codes must be listed to attract suite price

Additional Information: Comments on LORs required, potential hazards, likely contaminant levels, or samples requiring specific QC analysis etc. (LOR defaults to routine method LOR after dilution)

Job Specific Instructions:

Environmental Division
Newcastle
Work Order
EN1101834
Telephone : +61-2-4968 9433

AIR CANISTER CHAIN OF CUSTODY

☐ Sydney 277 Woodpark Rd, Smithfield NSW 2176 Ph: 02 8784 8555 E: samples.sydney@alsenviro.com
☐ Brisbane 32 Shand St, Stafford QLD 4053 Ph:07 3243 7222 E: samples.brisbane@alsenviro.com
☐ Melbourne 24 Westall Rd, Springvale VIC 3171 Ph:03 8549 9600 E: samples.melbourne@alsenviro.com
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☐ Townsville: 14-15 Desma Ct, Bohle QLD 4818 Ph:07 4796 0600 E: [illegible]
☐ Adelaide: 2-4 Burma Rd, Pooraka SA 5095 Ph: 08 8359 0890 E: adelaide@alsenviro.com
☐ Launceston: 27 Wellington St, Launceston TAS 7250 Ph: 03 6331 2158 E: launceston@alsenviro.com

If sourced from an ALS Laboratory: please tick →

Client Supplied Canister(s)? Y / N

CLIENT: ENVIRONMENTAL EARTH SCIENCES	**TURNAROUND REQUIREMENTS :** (Standard TAT may be extended for multiple sequential analysis suites)	☑ Standard TAT (List due date):	**LABORATORY USE ONLY (Circle)** Receive to Initial and date/time
OFFICE: MELBOURNE		☐ Non Standard or urgent TAT (List due date):	Custody Seal Intact? Rec Lab Y / N NE Y / N N/A
PROJECT: 6TH MELB GASWORKS **PROJECT NO:** 210074	**ALS QUOTE NO.:** NE-001-11 EES	**COC SEQUENCE NUMBER (Circle)**	Valve closed on Receipt? Rec Lab Y / N NE Y / N N/A
CANISTER REQUEST NO: **PURCHASE ORDER NO.:**	**COUNTRY OF ORIGIN:** AUSTRALIA	COC: 1 2 3 4 5 6 7	Canister/Sampler Complete and Not Damaged Yes No
PROJECT MANAGER: ANNE WHINCUP	**CONTACT PH:** 04021 81684	OF: 1 2 3 4 5 6 7	Other comment:
SAMPLER:	**SAMPLER MOBILE:**		
COC Emailed to ALS? (YES / NO)	**EDD FORMAT (or default):**		
Email Reports to (will default to PM if no other addresses are listed): awhincup@eesi.biz.			
Email Invoice to (will default to PM if no other addresses are listed):			

RELINQUISHED BY:	RELINQUISHED BY:	RELINQUISHED BY:	RELINQUISHED BY:
15/7/11 5pm Signature and date/time	1:30 PM 19/07/2011 Signature and date/time	Signature and date/time	Signature and date/time
RECEIVED BY: 16/7/11 10:30am Signature and date/time	**RECEIVED BY:** 20/7 11:50 Signature and date/time	**RECEIVED BY:** Signature and date/time	**RECEIVED BY:** Signature and date/time

COMMENTS/SPECIAL HANDLING/REPLACEMENT OR RETURN INSTRUCTIONS: QUOTE NE-001-11 EES

GAS SAMPLE CONTAINER INFORMATION

Canister Gauge Pressures (PSI)

ANALYSIS REQUIRED

Suite Codes must be listed to attract suite price

Additional Information

ALS USE ONLY	CANISTER / SAMPLE DETAILS				ALS USE ONLY		ALS USE ONLY			ANALYSIS REQUIRED						Additional Information
LAB ID	SERIAL NO.	CLIENT SAMPLE ID	DATE / TIME SAMPLED	MATRIX (eg Air)	Dispatch	Post Sampling	Receipt	Analysis (Ambient)	Dilution (Calc)	TO-14	TO-15	TO-15X				Comments on LORs required, potential hazards, likely contaminant levels, or samples requiring specific QC analysis etc. (LOR defaults to routine method LOR after dilution)
14	4981	Background.	17/07/2011	Air	-30	-7	-7					X				8-hour
15	4983	Rehersal Room	17/07/201	↓	-30	-9	-8					X				↓
16	4992	Backshop	17/07/2011	↓	-25	-18	-3					X				

Job Specific Instructions:

CERTIFICATE OF ANALYSIS

Work Order	: **EN1101834**	Page	: 1 of 23
Client	: **ENVIRONMENTAL EARTH SCIENCES**	Laboratory	: Environmental Division Newcastle
Contact	: MS ANNE WHINCUP	Contact	: Peter Keyte
Address	: P.O.BOX 2253 FOOTSCRAY VIC, AUSTRALIA 3011	Address	: 5 Rosegum Road Warabrook NSW Australia 2304
E-mail	: awhincup@eesi.biz	E-mail	: peter.keyte@als.com.au
Telephone	: +61 03 9687 1666	Telephone	: 61-2-4968-9433
Facsimile	: +61 03 9687 1844	Facsimile	: +61-2-4968 0349
Project	: STH MELBOURNE GASWORKS	QC Level	: NEPM 1999 Schedule B(3) and ALS QCS3 requirement
Order number	: ----		
C-O-C number	: ----	Date Samples Received	: 21-JUL-2011
Sampler	: ANNE WHINCUP	Issue Date	: 28-JUL-2011
Site	: ----		
		No. of samples received	: 16
Quote number	: ----	No. of samples analysed	: 16

This report supersedes any previous report(s) with this reference. Results apply to the sample(s) as submitted. All pages of this report have been checked and approved for release.

This Certificate of Analysis contains the following information:

- General Comments
- Analytical Results
- Surrogate Control Limits

NATA Accredited Laboratory 825

This document is issued in accordance with NATA accreditation requirements.

Accredited for compliance with ISO/IEC 17025.

Signatories

This document has been electronically signed by the authorized signatories indicated below. Electronic signing has been carried out in compliance with procedures specified in 21 CFR Part 11.

Signatories	*Position*	*Accreditation Category*
Peter Keyte	Newcastle Manager	Newcastle

General Comments

The analytical procedures used by the Environmental Division have been developed from established internationally recognized procedures such as those published by the USEPA, APHA, AS and NEPM. In house developed procedures are employed in the absence of documented standards or by client request.

Where moisture determination has been performed, results are reported on a dry weight basis.

Where a reported less than (<) result is higher than the LOR, this may be due to primary sample extract/digestate dilution and/or insuffient sample for analysis.

Where the LOR of a reported result differs from standard LOR, this may be due to high moisture content, insufficient sample (reduced weight employed) or matrix interference.

When sampling time information is not provided by the client, sampling dates are shown without a time component. In these instances, the time component has been assumed by the laboratory for processing purposes.

Key : CAS Number = CAS registry number from database maintained by Chemical Abstracts Services. The Chemical Abstracts Service is a division of the American Chemical Society.
LOR = Limit of reporting
^ = This result is computed from individual analyte detections at or above the level of reporting

- **EP101: Results reported in µg/m³ are calculated from PPBV results based on a temperature of 25°C and atmospheric pressure of 101.3 kPa. µg/m³ results should be corrected to account for actual conditions during sampling.**
- **EP101: Sample canisters were received at sub-ambient pressures and required dilution in the laboratory prior to analysis. LOR values have been adjusted accordingly.**

Analytical Results

Sub-Matrix: **AIR**

Compound	CAS Number	LOR	Unit	Client sample ID: 4989 DRESSING ROOM	4780 THEATRE	4982 OFFICE/ADMIN	4748 DUPLICATE	4974 VISUAL ARTS 1
			Client sampling date / time	17-JUL-2011 15:00	17-JUL-2011 15:00	17-JUL-2011 15:00	17-JUL-2011 15:00	17-JUL-2011 15:00
				EN1101834-001	EN1101834-002	EN1101834-003	EN1101834-004	EN1101834-005
USEPA Air Toxics Method TO15r								
Freon 12	75-71-8	0.5	ppbv	<1.3	<1.2	<1.3	<1.3	<1.1
Chloromethane	74-87-3	0.5	ppbv	<1.3	<1.2	<1.3	<1.3	<1.1
Freon 114	76-14-2	0.5	ppbv	<1.3	<1.2	<1.3	<1.3	<1.1
Vinyl chloride	75-01-4	0.5	ppbv	<1.3	<1.2	<1.3	<1.3	<1.1
Bromomethane	74-83-9	0.5	ppbv	<1.3	<1.2	<1.3	<1.3	<1.1
Chloroethane	75-00-3	0.5	ppbv	<1.3	<1.2	<1.3	<1.3	<1.1
Freon 11	75-69-4	0.5	ppbv	<1.3	<1.2	<1.3	<1.3	<1.1
1.1-Dichloroethene	75-35-4	0.5	ppbv	<1.3	<1.2	<1.3	<1.3	<1.1
Dichloromethane	75-09-2	0.5	ppbv	<1.3	<1.2	<1.3	<1.3	**6.6**
Freon 113	76-13-1	0.5	ppbv	<1.3	<1.2	<1.3	<1.3	<1.1
1.1-Dichloroethane	75-34-3	0.5	ppbv	<1.3	<1.2	<1.3	<1.3	<1.1
cis-1.2-Dichloroethene	156-59-2	0.5	ppbv	<1.3	<1.2	<1.3	<1.3	<1.1
Chloroform	67-66-3	0.5	ppbv	<1.3	<1.2	<1.3	<1.3	<1.1
1.2-Dichloroethane	107-06-2	0.5	ppbv	<1.3	<1.2	<1.3	<1.3	<1.1
1.1.1-Trichloroethane	71-55-6	0.5	ppbv	<1.3	<1.2	<1.3	<1.3	<1.1
Benzene	71-43-2	0.5	ppbv	<1.3	<1.2	<1.3	**3.2**	<1.1
Carbon Tetrachloride	56-23-5	0.5	ppbv	<1.3	<1.2	<1.3	<1.3	<1.1
1.2-Dichloropropane	78-87-5	0.5	ppbv	<1.3	<1.2	<1.3	<1.3	<1.1
Trichloroethene	79-01-6	0.5	ppbv	<1.3	<1.2	<1.3	<1.3	<1.1
cis-1.3-Dichloropropylene	10061-01-5	0.5	ppbv	<1.3	<1.2	<1.3	<1.3	<1.1
trans-1.3-Dichloropropene	10061-02-6	0.5	ppbv	<1.3	<1.2	<1.3	<1.3	<1.1
1.1.2-Trichloroethane	79-00-5	0.5	ppbv	<1.3	<1.2	<1.3	<1.3	<1.1
Toluene	108-88-3	0.5	ppbv	<1.3	**2.1**	<1.3	**24.2**	**13.4**
1.2-Dibromoethane (EDB)	106-93-4	0.5	ppbv	<1.3	<1.2	<1.3	<1.3	<1.1
Tetrachloroethene	127-18-4	0.5	ppbv	<1.3	<1.2	<1.3	<1.3	<1.1
Chlorobenzene	108-90-7	0.5	ppbv	<1.3	<1.2	<1.3	<1.3	<1.1
Ethylbenzene	100-41-4	0.5	ppbv	<1.3	<1.2	<1.3	**1.7**	<1.1
meta- & para-Xylene	108-38-3 106-42-3	1.0	ppbv	<2.5	<2.4	<2.6	**7.1**	**4.6**
Styrene	100-42-5	0.5	ppbv	<1.3	<1.2	<1.3	<1.3	<1.1
1.1.2.2-Tetrachloroethane	79-34-5	0.5	ppbv	<1.3	<1.2	<1.3	<1.3	<1.1
ortho-Xylene	95-47-6	0.5	ppbv	<1.3	<1.2	<1.3	**2.2**	**1.9**
4-Ethyltoluene	---	0.5	ppbv	<1.3	<1.2	<1.3	<1.3	<1.1
1.3.5-Trimethylbenzene	108-67-8	0.5	ppbv	<1.3	<1.2	<1.3	<1.3	<1.1
1.2.4-Trimethylbenzene	95-63-6	0.5	ppbv	<1.3	<1.2	<1.3	<1.3	<1.1
1.3-Dichlorobenzene	541-73-1	0.5	ppbv	<1.3	<1.2	<1.3	<1.3	<1.1
Benzylchloride	100-44-7	0.5	ppbv	<1.3	<1.2	<1.3	<1.3	<1.1
1.4-Dichlorobenzene	106-46-7	0.5	ppbv	<1.3	<1.2	<1.3	<1.3	<1.1

Analytical Results

Sub-Matrix: **AIR**

Compound	CAS Number	LOR	Unit	Client sample ID: 4989 DRESSING ROOM	4780 THEATRE	4982 OFFICE/ADMIN	4748 DUPLICATE	4974 VISUAL ARTS 1
			Client sampling date / time	17-JUL-2011 15:00	17-JUL-2011 15:00	17-JUL-2011 15:00	17-JUL-2011 15:00	17-JUL-2011 15:00
				EN1101834-001	EN1101834-002	EN1101834-003	EN1101834-004	EN1101834-005
USEPA Air Toxics Method TO15r - Continued								
1.2-Dichlorobenzene	95-50-1	0.5	ppbv	<1.3	<1.2	<1.3	<1.3	<1.1
1.2.4-Trichlorobenzene	120-82-1	0.5	ppbv	<1.3	<1.2	<1.3	<1.3	<1.1
Hexachlorobutadiene	87-68-3	0.5	ppbv	<1.3	<1.2	<1.3	<1.3	<1.1
Acetone	67-64-1	0.5	ppbv	<1.3	**16.6**	<1.3	<1.3	<1.1
Bromodichloromethane	75-27-4	0.5	ppbv	<1.3	<1.2	<1.3	<1.3	<1.1
1.3-Butadiene	106-99-0	0.5	ppbv	<1.3	<1.2	<1.3	<1.3	<1.1
Carbon disulfide	75-15-0	0.5	ppbv	<1.3	<1.2	<1.3	<1.3	<1.1
2-Chlorotoluene	95-49-8	0.5	ppbv	<1.3	<1.2	<1.3	<1.3	<1.1
1-Chloro-2-propene (Allyl chloride)	107-05-1	0.5	ppbv	<1.3	<1.2	<1.3	<1.3	<1.1
Cyclohexane	---	0.5	ppbv	<1.3	<1.2	<1.3	**5.2**	**1.5**
Dibromochloromethane	124-48-1	0.5	ppbv	<1.3	<1.2	<1.3	<1.3	**3.8**
1.4-Dioxane	123-91-1	0.5	ppbv	<1.3	<1.2	<1.3	<1.3	<1.1
Ethylacetate	9002-89-5	0.5	ppbv	<1.3	<1.2	<1.3	<1.3	<1.1
trans-1.2-Dichloroethene	156-60-5	0.5	ppbv	<1.3	<1.2	<1.3	<1.3	<1.1
Heptane	142-82-5	0.5	ppbv	<1.3	<1.2	<1.3	<1.3	<1.1
Hexane	---	0.5	ppbv	**7.2**	**5.1**	<1.3	**21.4**	**5.4**
Isooctane	---	0.5	ppbv	<1.3	<1.2	<1.3	<1.3	<1.1
Isopropyl Alcohol	67-63-0	0.5	ppbv	<1.3	<1.2	<1.3	<1.3	<1.1
2-Butanone (MEK)	78-93-3	0.5	ppbv	<1.3	<1.2	<1.3	<1.3	<1.1
Methyl iso-Butyl ketone	108-10-1	0.5	ppbv	<1.3	<1.2	<1.3	<1.3	<1.1
2-Hexanone (MBK)	591-78-6	0.5	ppbv	<1.3	<1.2	<1.3	<1.3	<1.1
Propene	115-07-1	0.5	ppbv	**2.1**	**2.1**	<1.3	**5.4**	**5.6**
Methyl tert-Butyl Ether (MTBE)	1634-04-4	0.5	ppbv	<1.3	<1.2	<1.3	<1.3	<1.1
Tetrahydrofuran	109-99-9	0.5	ppbv	<1.3	<1.2	<1.3	<1.3	<1.1
Bromoform	75-25-2	0.5	ppbv	<1.3	<1.2	<1.3	<1.3	<1.1
Vinyl Acetate	108-05-4	0.5	ppbv	<1.3	<1.2	<1.3	<1.3	<1.1
Vinyl bromide	593-60-2	0.5	ppbv	<1.3	<1.2	<1.3	<1.3	<1.1
Ethanol	64-70-5	0.5	ppbv	**90.2**	**59.7**	**13.1**	**14.0**	**1570**
Acetonitrile	75-05-8	0.5	ppbv	<1.3	<1.2	<1.3	<1.3	<1.1
Acrolein	107-02-8	0.5	ppbv	<1.3	<1.2	<1.3	<1.3	<1.1
Acrylonitrile	107-13-1	0.5	ppbv	<1.3	<1.2	<1.3	<1.3	<1.1
tert-Butyl alcohol	75-65-0	0.5	ppbv	<1.3	<1.2	<1.3	<1.3	<1.1
2-Chloro-1.3-butadiene	---	0.5	ppbv	<1.3	<1.2	<1.3	<1.3	<1.1
Di-isopropyl Ether	---	0.5	ppbv	<1.3	<1.2	<1.3	<1.3	<1.1
Ethyl tert-Butyl Ether (ETBE)	637-92-3	0.5	ppbv	<1.3	<1.2	<1.3	<1.3	<1.1
tert-Amyl Methyl Ether (TAME)	994-05-8	0.5	ppbv	<1.3	<1.2	<1.3	<1.3	<1.1

Analytical Results

Sub-Matrix: **AIR**

Compound	CAS Number	LOR	Unit	Client sample ID: 4989 DRESSING ROOM	4780 THEATRE	4982 OFFICE/ADMIN	4748 DUPLICATE	4974 VISUAL ARTS 1
			Client sampling date / time	17-JUL-2011 15:00	17-JUL-2011 15:00	17-JUL-2011 15:00	17-JUL-2011 15:00	17-JUL-2011 15:00
				EN1101834-001	EN1101834-002	EN1101834-003	EN1101834-004	EN1101834-005
USEPA Air Toxics Method TO15r - Continued								
Methyl Methacrylate	80-62-6	0.5	ppbv	<1.3	<1.2	<1.3	<1.3	<1.1
1.1.1.2-Tetrachloroethane	630-20-6	0.5	ppbv	<1.3	<1.2	<1.3	<1.3	<1.1
Isopropylbenzene	98-82-8	0.5	ppbv	<1.3	<1.2	<1.3	<1.3	<1.1
n-Propylbenzene	103-65-1	0.5	ppbv	<1.3	<1.2	<1.3	<1.3	<1.1
tert-Butylbenzene	98-06-6	0.5	ppbv	<1.3	<1.2	<1.3	<1.3	<1.1
sec-Butylbenzene	135-98-8	0.5	ppbv	<1.3	<1.2	<1.3	<1.3	<1.1
2-isopropyltoluene	----	0.5	ppbv	<1.3	<1.2	<1.3	<1.3	<1.1
n-Butylbenzene	104-51-8	0.5	ppbv	<1.3	<1.2	<1.3	<1.3	<1.1
Naphthalene	91-20-3	0.5	ppbv	<1.3	<1.2	<1.3	<1.3	<1.1
USEPA Air Toxics Method TO15r (Mass/Volume)								
^ Freon 12	75-71-8	2.5	µg/m³	<6.4	<6.1	<6.4	<6.5	<5.3
^ Chloromethane	74-87-3	1.0	µg/m³	<2.5	<2.4	<2.6	<2.6	<2.1
^ Freon 114	76-14-2	3.5	µg/m³	<8.9	<8.6	<9.0	<9.2	<7.5
^ Vinyl chloride	75-01-4	1.3	µg/m³	<3.3	<3.2	<3.3	<3.4	<2.8
^ Bromomethane	74-83-9	1.9	µg/m³	<4.8	<4.7	<4.9	<5.0	<4.0
^ Chloroethane	75-00-3	1.3	µg/m³	<3.3	<3.2	<3.3	<3.4	<2.8
^ Freon 11	75-69-4	2.8	µg/m³	<7.1	<6.9	<7.2	<7.3	<6.0
^ 1.1-Dichloroethene	75-35-4	2.0	µg/m³	<5.1	<4.9	<5.1	<5.2	<4.3
^ Dichloromethane	75-09-2	1.7	µg/m³	<4.3	<4.2	<4.4	<4.4	**23.0**
^ Freon 113	76-13-1	3.8	µg/m³	<9.7	<9.3	<9.7	<9.9	<8.1
^ 1.1-Dichloroethane	75-34-3	2.0	µg/m³	<5.1	<4.9	<5.1	<5.2	<4.3
^ cis-1.2-Dichloroethene	156-59-2	2.0	µg/m³	<5.1	<4.9	<5.1	<5.2	<4.3
^ Chloroform	67-66-3	2.4	µg/m³	<6.1	<5.9	<6.2	<6.3	<5.1
^ 1.2-Dichloroethane	107-06-2	2.0	µg/m³	<5.1	<4.9	<5.1	<5.2	<4.3
^ 1.1.1-Trichloroethane	71-55-6	2.7	µg/m³	<6.9	<6.6	<6.9	<7.0	<5.8
^ Benzene	71-43-2	1.6	µg/m³	<4.1	<3.9	<4.1	**10.2**	<3.4
^ Carbon Tetrachloride	56-23-5	3.1	µg/m³	<7.9	<7.6	<7.9	<8.1	<6.6
^ 1.2-Dichloropropane	78-87-5	2.3	µg/m³	<5.8	<5.6	<5.9	<6.0	<4.9
^ Trichloroethene	79-01-6	2.7	µg/m³	<6.9	<6.6	<6.9	<7.0	<5.8
^ cis-1.3-Dichloropropylene	10061-01-5	2.3	µg/m³	<5.8	<5.6	<5.9	<6.0	<4.9
^ trans-1.3-Dichloropropene	10061-02-6	2.3	µg/m³	<5.8	<5.6	<5.9	<6.0	<4.9
^ 1.1.2-Trichloroethane	79-00-5	2.7	µg/m³	<6.9	<6.6	<6.9	<7.0	<5.8
^ Toluene	108-88-3	1.9	µg/m³	<4.8	**7.9**	<4.9	**90.9**	**50.3**
^ 1.2-Dibromoethane (EDB)	106-93-4	3.8	µg/m³	<9.7	<9.3	<9.7	<9.9	<8.1
^ Tetrachloroethene	127-18-4	3.4	µg/m³	<8.6	<8.3	<8.7	<8.9	<7.2
^ Chlorobenzene	108-90-7	2.3	µg/m³	<5.8	<5.6	<5.9	<6.0	<4.9
^ Ethylbenzene	100-41-4	2.2	µg/m³	<5.6	<5.4	<5.6	**7.3**	<4.7

Analytical Results

Sub-Matrix: **AIR**

Compound	CAS Number	LOR	Unit	Client sample ID: 4989 DRESSING ROOM	4780 THEATRE	4982 OFFICE/ADMIN	4748 DUPLICATE	4974 VISUAL ARTS 1
			Client sampling date / time:	17-JUL-2011 15:00	17-JUL-2011 15:00	17-JUL-2011 15:00	17-JUL-2011 15:00	17-JUL-2011 15:00
				EN1101834-001	EN1101834-002	EN1101834-003	EN1101834-004	EN1101834-005
USEPA Air Toxics Method TO15r (Mass/Volume) - Continued								
^ meta- & para-Xylene	108-38-3 106-42-3	4.3	µg/m³	<10.9	<10.6	<11.0	**30.8**	**19.8**
^ Styrene	100-42-5	2.1	µg/m³	<5.3	<5.2	<5.4	<5.5	<4.5
^ 1.1.2.2-Tetrachloroethane	79-34-5	3.4	µg/m³	<8.6	<8.3	<8.7	<8.9	<7.2
^ ortho-Xylene	95-47-6	2.2	µg/m³	<5.6	<5.4	<5.6	**9.4**	**8.4**
^ 4-Ethyltoluene	----	2.5	µg/m³	<6.4	<6.1	<6.4	<6.5	<5.3
^ 1.3.5-Trimethylbenzene	108-67-8	2.5	µg/m³	<6.4	<6.1	<6.4	<6.5	<5.3
^ 1.2.4-Trimethylbenzene	95-63-6	2.5	µg/m³	<6.4	<6.1	<6.4	<6.5	<5.3
^ 1.3-Dichlorobenzene	541-73-1	3.0	µg/m³	<7.6	<7.4	<7.7	<7.8	<6.4
^ Benzylchloride	100-44-7	2.6	µg/m³	<6.6	<6.4	<6.7	<6.8	<5.5
^ 1.4-Dichlorobenzene	106-46-7	3.0	µg/m³	<7.6	<7.4	<7.7	<7.8	<6.4
^ 1.2-Dichlorobenzene	95-50-1	3.0	µg/m³	<7.6	<7.4	<7.7	<7.8	<6.4
^ 1.2.4-Trichlorobenzene	120-82-1	3.7	µg/m³	<9.4	<9.1	<9.5	<9.7	<7.9
^ Hexachlorobutadiene	87-68-3	5.3	µg/m³	<13.5	<13.0	<13.6	<13.8	<11.3
^ Acetone	67-64-1	1.2	µg/m³	<3.0	**39.3**	<3.1	<3.1	<2.6
^ Bromodichloromethane	75-27-4	3.4	µg/m³	<8.6	<8.3	<8.7	<8.9	<7.2
^ 1.3-Butadiene	106-99-0	1.1	µg/m³	<2.8	<2.7	<2.8	<2.9	<2.3
^ Carbon disulfide	75-15-0	1.6	µg/m³	<4.1	<3.9	<4.1	<4.2	<3.4
^ 2-Chlorotoluene	95-49-8	2.6	µg/m³	<6.6	<6.4	<6.7	<6.8	<5.5
^ 1-Chloro-2-propene (Allyl chloride)	107-05-1	1.6	µg/m³	<4.1	<3.9	<4.1	<4.2	<3.4
^ Cyclohexane	----	1.7	µg/m³	<4.3	<4.2	<4.4	**18.0**	**5.1**
^ Dibromochloromethane	124-48-1	4.3	µg/m³	<10.9	<10.6	<11.0	<11.2	**32.2**
^ 1.4-Dioxane	123-91-1	1.8	µg/m³	<4.6	<4.4	<4.6	<4.7	<3.8
^ Ethylacetate	9002-89-5	1.8	µg/m³	<4.6	<4.4	<4.6	<4.7	<3.8
^ trans-1.2-Dichloroethene	156-60-5	2.0	µg/m³	<5.1	<4.9	<5.1	<5.2	<4.3
^ Heptane	142-82-5	2.0	µg/m³	<5.1	<4.9	<5.1	<5.2	<4.3
^ Hexane	----	1.8	µg/m³	**25.4**	**18.0**	<4.6	**75.3**	**19.0**
^ Isooctane	----	2.3	µg/m³	<5.8	<5.6	<5.9	<6.0	<4.9
^ Isopropyl Alcohol	67-63-0	1.2	µg/m³	<3.0	<2.9	<3.1	<3.1	<2.6
^ 2-Butanone (MEK)	78-93-3	1.5	µg/m³	<3.8	<3.7	<3.8	<3.9	<3.2
^ Methyl iso-Butyl ketone	108-10-1	2.0	µg/m³	<5.1	<4.9	<5.1	<5.2	<4.3
^ 2-Hexanone (MBK)	591-78-6	2.0	µg/m³	<5.1	<4.9	<5.1	<5.2	<4.3
^ Propene	115-07-1	0.9	µg/m³	**3.7**	**3.6**	<2.3	**9.3**	**9.6**
^ Methyl tert-Butyl Ether (MTBE)	1634-04-4	1.8	µg/m³	<4.6	<4.4	<4.6	<4.7	<3.8
^ Tetrahydrofuran	109-99-9	1.5	µg/m³	<3.8	<3.7	<3.8	<3.9	<3.2
^ Bromoform	75-25-2	5.2	µg/m³	<13.2	<12.8	<13.3	<13.6	<11.1
^ Vinyl Acetate	108-05-4	1.8	µg/m³	<4.6	<4.4	<4.6	<4.7	<3.8

Analytical Results

Sub-Matrix: **AIR**

Compound	CAS Number	LOR	Unit	Client sample ID: 4989 DRESSING ROOM	4780 THEATRE	4982 OFFICE/ADMIN	4748 DUPLICATE	4974 VISUAL ARTS 1
			Client sampling date / time	17-JUL-2011 15:00	17-JUL-2011 15:00	17-JUL-2011 15:00	17-JUL-2011 15:00	17-JUL-2011 15:00
				EN1101834-001	EN1101834-002	EN1101834-003	EN1101834-004	EN1101834-005
USEPA Air Toxics Method TO15r (Mass/Volume) - Continued								
^ Vinyl bromide	593-60-2	2.2	µg/m³	<5.6	<5.4	<5.6	<5.8	<4.7
^ Ethanol	64-70-5	0.9	µg/m³	**170**	**112**	**24.7**	**26.4**	**2960**
^ Acetonitrile	75-05-8	0.8	µg/m³	<2.0	<2.0	<2.0	<2.1	<1.7
^ Acrolein	107-02-8	1.1	µg/m³	<2.8	<2.7	<2.8	<2.9	<2.3
^ Acrylonitrile	107-13-1	1.1	µg/m³	<2.8	<2.7	<2.8	<2.9	<2.3
^ tert-Butyl alcohol	75-65-0	1.5	µg/m³	<3.8	<3.7	<3.8	<3.9	<3.2
^ 2-Chloro-1.3-butadiene	----	1.8	µg/m³	<4.6	<4.4	<4.6	<4.7	<3.8
^ Di-isopropyl Ether	----	2.1	µg/m³	<5.3	<5.2	<5.4	<5.5	<4.5
^ Ethyl tert-Butyl Ether (ETBE)	637-92-3	2.1	µg/m³	<5.3	<5.2	<5.4	<5.5	<4.5
^ tert-Amyl Methyl Ether (TAME)	994-05-8	2.1	µg/m³	<5.3	<5.2	<5.4	<5.5	<4.5
^ Methyl Methacrylate	80-62-6	2.1	µg/m³	<5.3	<5.2	<5.4	<5.5	<4.5
^ 1.1.1.2-Tetrachloroethane	630-20-6	3.4	µg/m³	<8.6	<8.3	<8.7	<8.9	<7.2
^ Isopropylbenzene	98-82-8	2.5	µg/m³	<6.4	<6.1	<6.4	<6.5	<5.3
^ n-Propylbenzene	103-65-1	2.5	µg/m³	<6.4	<6.1	<6.4	<6.5	<5.3
^ tert-Butylbenzene	98-06-6	2.7	µg/m³	<6.9	<6.6	<6.9	<7.0	<5.8
^ sec-Butylbenzene	135-98-8	2.7	µg/m³	<6.9	<6.6	<6.9	<7.0	<5.8
^ 2-isopropyltoluene	----	2.7	µg/m³	<6.9	<6.6	<6.9	<7.0	<5.8
^ n-Butylbenzene	104-51-8	2.7	µg/m³	<6.9	<6.6	<6.9	<7.0	<5.8
^ Naphthalene	91-20-3	2.6	µg/m³	<6.6	<6.4	<6.7	<6.8	<5.5
USEPA Air Toxics Method TO15r Surrogates								
4-Bromofluorobenzene	460-00-4	0.1	%	**102**	**102**	**101**	**104**	**107**

Analytical Results

Sub-Matrix: **AIR**

Compound	CAS Number	LOR	Unit	Client sample ID	4977 SCULPTURE STUDIO	4777 SPNH - BEDROOM	4760 SPNH - COMMUNAL	4768 VISUAL ARTS 2	4987 ARTS & CRAFT STUDIO
				Client sampling date / time	17-JUL-2011 15:00	18-JUL-2011 15:00	18-JUL-2011 15:00	17-JUL-2011 15:00	17-JUL-2011 15:00
					EN1101834-006	EN1101834-007	EN1101834-008	EN1101834-009	EN1101834-010
USEPA Air Toxics Method TO15r									
Freon 12	75-71-8	0.5	ppbv		<1.2	<1.6	<1.1	<1.2	<1.2
Chloromethane	74-87-3	0.5	ppbv		<1.2	<1.6	<1.1	<1.2	<1.2
Freon 114	76-14-2	0.5	ppbv		<1.2	<1.6	<1.1	<1.2	<1.2
Vinyl chloride	75-01-4	0.5	ppbv		<1.2	<1.6	<1.1	<1.2	<1.2
Bromomethane	74-83-9	0.5	ppbv		<1.2	<1.6	<1.1	<1.2	<1.2
Chloroethane	75-00-3	0.5	ppbv		<1.2	<1.6	<1.1	<1.2	<1.2
Freon 11	75-69-4	0.5	ppbv		<1.2	<1.6	<1.1	<1.2	<1.2
1.1-Dichloroethene	75-35-4	0.5	ppbv		<1.2	<1.6	<1.1	<1.2	<1.2
Dichloromethane	75-09-2	0.5	ppbv		<1.2	<1.6	<1.1	<1.2	<1.2
Freon 113	76-13-1	0.5	ppbv		<1.2	<1.6	<1.1	<1.2	<1.2
1.1-Dichloroethane	75-34-3	0.5	ppbv		<1.2	<1.6	<1.1	<1.2	<1.2
cis-1.2-Dichloroethene	156-59-2	0.5	ppbv		<1.2	<1.6	<1.1	<1.2	<1.2
Chloroform	67-66-3	0.5	ppbv		<1.2	<1.6	<1.1	<1.2	<1.2
1.2-Dichloroethane	107-06-2	0.5	ppbv		<1.2	<1.6	<1.1	<1.2	<1.2
1.1.1-Trichloroethane	71-55-6	0.5	ppbv		<1.2	<1.6	<1.1	<1.2	<1.2
Benzene	71-43-2	0.5	ppbv		**3.0**	<1.6	<1.1	<1.2	<1.2
Carbon Tetrachloride	56-23-5	0.5	ppbv		<1.2	<1.6	<1.1	<1.2	<1.2
1.2-Dichloropropane	78-87-5	0.5	ppbv		<1.2	<1.6	<1.1	<1.2	<1.2
Trichloroethene	79-01-6	0.5	ppbv		<1.2	<1.6	<1.1	<1.2	<1.2
cis-1.3-Dichloropropylene	10061-01-5	0.5	ppbv		<1.2	<1.6	<1.1	<1.2	<1.2
trans-1.3-Dichloropropene	10061-02-6	0.5	ppbv		<1.2	<1.6	<1.1	<1.2	<1.2
1.1.2-Trichloroethane	79-00-5	0.5	ppbv		<1.2	<1.6	<1.1	<1.2	<1.2
Toluene	108-88-3	0.5	ppbv		**22.8**	**3.6**	**7.0**	**10.0**	**1.6**
1.2-Dibromoethane (EDB)	106-93-4	0.5	ppbv		<1.2	<1.6	<1.1	<1.2	<1.2
Tetrachloroethene	127-18-4	0.5	ppbv		<1.2	<1.6	<1.1	<1.2	<1.2
Chlorobenzene	108-90-7	0.5	ppbv		<1.2	<1.6	<1.1	<1.2	<1.2
Ethylbenzene	100-41-4	0.5	ppbv		**1.5**	<1.6	<1.1	<1.2	<1.2
meta- & para-Xylene	108-38-3 106-42-3	1.0	ppbv		**6.0**	<3.1	<2.2	<2.4	<2.5
Styrene	100-42-5	0.5	ppbv		<1.2	<1.6	<1.1	<1.2	<1.2
1.1.2.2-Tetrachloroethane	79-34-5	0.5	ppbv		<1.2	<1.6	<1.1	<1.2	<1.2
ortho-Xylene	95-47-6	0.5	ppbv		**2.1**	<1.6	<1.1	<1.2	<1.2
4-Ethyltoluene	---	0.5	ppbv		<1.2	<1.6	<1.1	<1.2	<1.2
1.3.5-Trimethylbenzene	108-67-8	0.5	ppbv		<1.2	<1.6	<1.1	<1.2	<1.2
1.2.4-Trimethylbenzene	95-63-6	0.5	ppbv		<1.2	<1.6	<1.1	<1.2	<1.2
1.3-Dichlorobenzene	541-73-1	0.5	ppbv		<1.2	<1.6	<1.1	<1.2	<1.2
Benzylchloride	100-44-7	0.5	ppbv		<1.2	<1.6	<1.1	<1.2	<1.2

Analytical Results

Sub-Matrix: **AIR**

Compound	CAS Number	LOR	Unit	Client sample ID	4977 SCULPTURE STUDIO	4777 SPNH - BEDROOM	4760 SPNH - COMMUNAL	4768 VISUAL ARTS 2	4987 ARTS & CRAFT STUDIO
				Client sampling date / time	17-JUL-2011 15:00	18-JUL-2011 15:00	18-JUL-2011 15:00	17-JUL-2011 15:00	17-JUL-2011 15:00
					EN1101834-006	EN1101834-007	EN1101834-008	EN1101834-009	EN1101834-010
USEPA Air Toxics Method TO15r - Continued									
1.4-Dichlorobenzene	106-46-7	0.5	ppbv		<1.2	<1.6	<1.1	<1.2	<1.2
1.2-Dichlorobenzene	95-50-1	0.5	ppbv		<1.2	<1.6	<1.1	<1.2	<1.2
1.2.4-Trichlorobenzene	120-82-1	0.5	ppbv		<1.2	<1.6	<1.1	<1.2	<1.2
Hexachlorobutadiene	87-68-3	0.5	ppbv		<1.2	<1.6	<1.1	<1.2	<1.2
Acetone	67-64-1	0.5	ppbv		<1.2	<1.6	<1.1	<1.2	<1.2
Bromodichloromethane	75-27-4	0.5	ppbv		<1.2	<1.6	<1.1	<1.2	<1.2
1.3-Butadiene	106-99-0	0.5	ppbv		<1.2	<1.6	<1.1	<1.2	<1.2
Carbon disulfide	75-15-0	0.5	ppbv		<1.2	<1.6	<1.1	<1.2	<1.2
2-Chlorotoluene	95-49-8	0.5	ppbv		<1.2	<1.6	<1.1	<1.2	<1.2
1-Chloro-2-propene (Allyl chloride)	107-05-1	0.5	ppbv		<1.2	<1.6	<1.1	<1.2	<1.2
Cyclohexane	---	0.5	ppbv		**4.2**	**2.4**	**4.3**	<1.2	<1.2
Dibromochloromethane	124-48-1	0.5	ppbv		<1.2	<1.6	<1.1	<1.2	<1.2
1.4-Dioxane	123-91-1	0.5	ppbv		<1.2	<1.6	<1.1	<1.2	<1.2
Ethylacetate	9002-89-5	0.5	ppbv		<1.2	<1.6	<1.1	<1.2	<1.2
trans-1.2-Dichloroethene	156-60-5	0.5	ppbv		<1.2	<1.6	<1.1	<1.2	<1.2
Heptane	142-82-5	0.5	ppbv		<1.2	<1.6	<1.1	<1.2	<1.2
Hexane	---	0.5	ppbv		**17.6**	**30.9**	**74.7**	**8.2**	**6.4**
Isooctane	---	0.5	ppbv		<1.2	<1.6	<1.1	<1.2	<1.2
Isopropyl Alcohol	67-63-0	0.5	ppbv		<1.2	<1.6	<1.1	<1.2	<1.2
2-Butanone (MEK)	78-93-3	0.5	ppbv		<1.2	<1.6	<1.1	<1.2	<1.2
Methyl iso-Butyl ketone	108-10-1	0.5	ppbv		<1.2	<1.6	<1.1	<1.2	<1.2
2-Hexanone (MBK)	591-78-6	0.5	ppbv		<1.2	<1.6	<1.1	<1.2	<1.2
Propene	115-07-1	0.5	ppbv		**5.1**	**5.4**	**6.2**	**3.0**	**2.6**
Methyl tert-Butyl Ether (MTBE)	1634-04-4	0.5	ppbv		<1.2	<1.6	<1.1	<1.2	<1.2
Tetrahydrofuran	109-99-9	0.5	ppbv		<1.2	<1.6	<1.1	<1.2	<1.2
Bromoform	75-25-2	0.5	ppbv		<1.2	<1.6	<1.1	<1.2	<1.2
Vinyl Acetate	108-05-4	0.5	ppbv		<1.2	<1.6	<1.1	<1.2	<1.2
Vinyl bromide	593-60-2	0.5	ppbv		<1.2	<1.6	<1.1	<1.2	<1.2
Ethanol	64-70-5	0.5	ppbv		**13.1**	**177**	**265**	<1.2	<1.2
Acetonitrile	75-05-8	0.5	ppbv		<1.2	<1.6	<1.1	<1.2	<1.2
Acrolein	107-02-8	0.5	ppbv		<1.2	<1.6	<1.1	<1.2	<1.2
Acrylonitrile	107-13-1	0.5	ppbv		<1.2	<1.6	<1.1	<1.2	<1.2
tert-Butyl alcohol	75-65-0	0.5	ppbv		<1.2	<1.6	<1.1	<1.2	<1.2
2-Chloro-1.3-butadiene	---	0.5	ppbv		<1.2	<1.6	<1.1	<1.2	<1.2
Di-isopropyl Ether	---	0.5	ppbv		<1.2	<1.6	<1.1	<1.2	<1.2

Analytical Results

Sub-Matrix: **AIR**

Compound	CAS Number	LOR	Unit	Client sample ID	4977 SCULPTURE STUDIO	4777 SPNH - BEDROOM	4760 SPNH - COMMUNAL	4768 VISUAL ARTS 2	4987 ARTS & CRAFT STUDIO
				Client sampling date / time	17-JUL-2011 15:00	18-JUL-2011 15:00	18-JUL-2011 15:00	17-JUL-2011 15:00	17-JUL-2011 15:00
					EN1101834-006	EN1101834-007	EN1101834-008	EN1101834-009	EN1101834-010
USEPA Air Toxics Method TO15r - Continued									
Ethyl tert-Butyl Ether (ETBE)	637-92-3	0.5	ppbv		<1.2	<1.6	<1.1	<1.2	<1.2
tert-Amyl Methyl Ether (TAME)	994-05-8	0.5	ppbv		<1.2	<1.6	<1.1	<1.2	<1.2
Methyl Methacrylate	80-62-6	0.5	ppbv		<1.2	<1.6	<1.1	<1.2	<1.2
1.1.1.2-Tetrachloroethane	630-20-6	0.5	ppbv		<1.2	<1.6	<1.1	<1.2	<1.2
Isopropylbenzene	98-82-8	0.5	ppbv		<1.2	<1.6	<1.1	<1.2	<1.2
n-Propylbenzene	103-65-1	0.5	ppbv		<1.2	<1.6	<1.1	<1.2	<1.2
tert-Butylbenzene	98-06-6	0.5	ppbv		<1.2	<1.6	<1.1	<1.2	<1.2
sec-Butylbenzene	135-98-8	0.5	ppbv		<1.2	<1.6	<1.1	<1.2	<1.2
2-isopropyltoluene	----	0.5	ppbv		<1.2	<1.6	<1.1	<1.2	<1.2
n-Butylbenzene	104-51-8	0.5	ppbv		<1.2	<1.6	<1.1	<1.2	<1.2
Naphthalene	91-20-3	0.5	ppbv		<1.2	<1.6	<1.1	<1.2	<1.2
USEPA Air Toxics Method TO15r (Mass/Volume)									
^ Freon 12	75-71-8	2.5	µg/m³		<5.9	<7.8	<5.4	<6.1	<6.2
^ Chloromethane	74-87-3	1.0	µg/m³		<2.4	<3.1	<2.2	<2.4	<2.5
^ Freon 114	76-14-2	3.5	µg/m³		<8.3	<11.0	<7.6	<8.6	<8.7
^ Vinyl chloride	75-01-4	1.3	µg/m³		<3.1	<4.1	<2.8	<3.2	<3.2
^ Bromomethane	74-83-9	1.9	µg/m³		<4.5	<5.9	<4.1	<4.6	<4.7
^ Chloroethane	75-00-3	1.3	µg/m³		<3.1	<4.1	<2.8	<3.2	<3.2
^ Freon 11	75-69-4	2.8	µg/m³		<6.6	<8.8	<6.1	<6.8	<7.0
^ 1.1-Dichloroethene	75-35-4	2.0	µg/m³		<4.7	<6.3	<4.4	<4.9	<5.0
^ Dichloromethane	75-09-2	1.7	µg/m³		<4.0	<5.3	<3.7	<4.2	<4.2
^ Freon 113	76-13-1	3.8	µg/m³		<9.0	<11.9	<8.3	<9.3	<9.4
^ 1.1-Dichloroethane	75-34-3	2.0	µg/m³		<4.7	<6.3	<4.4	<4.9	<5.0
^ cis-1.2-Dichloroethene	156-59-2	2.0	µg/m³		<4.7	<6.3	<4.4	<4.9	<5.0
^ Chloroform	67-66-3	2.4	µg/m³		<5.7	<7.5	<5.2	<5.9	<6.0
^ 1.2-Dichloroethane	107-06-2	2.0	µg/m³		<4.7	<6.3	<4.4	<4.9	<5.0
^ 1.1.1-Trichloroethane	71-55-6	2.7	µg/m³		<6.4	<8.4	<5.9	<6.6	<6.7
^ Benzene	71-43-2	1.6	µg/m³		**9.8**	<5.0	<3.5	<3.9	<4.0
^ Carbon Tetrachloride	56-23-5	3.1	µg/m³		<7.4	<9.7	<6.8	<7.6	<7.7
^ 1.2-Dichloropropane	78-87-5	2.3	µg/m³		<5.4	<7.2	<5.0	<5.6	<5.7
^ Trichloroethene	79-01-6	2.7	µg/m³		<6.4	<8.4	<5.9	<6.6	<6.7
^ cis-1.3-Dichloropropylene	10061-01-5	2.3	µg/m³		<5.4	<7.2	<5.0	<5.6	<5.7
^ trans-1.3-Dichloropropene	10061-02-6	2.3	µg/m³		<5.4	<7.2	<5.0	<5.6	<5.7
^ 1.1.2-Trichloroethane	79-00-5	2.7	µg/m³		<6.4	<8.4	<5.9	<6.6	<6.7
^ Toluene	108-88-3	1.9	µg/m³		**86.0**	**13.6**	**26.4**	**37.5**	**6.1**
^ 1.2-Dibromoethane (EDB)	106-93-4	3.8	µg/m³		<9.0	<11.9	<8.3	<9.3	<9.4

Analytical Results

Sub-Matrix: **AIR**

Compound	CAS Number	LOR	Unit	Client sample ID	4977 SCULPTURE STUDIO	4777 SPNH - BEDROOM	4760 SPNH - COMMUNAL	4768 VISUAL ARTS 2	4987 ARTS & CRAFT STUDIO
				Client sampling date / time	17-JUL-2011 15:00	18-JUL-2011 15:00	18-JUL-2011 15:00	17-JUL-2011 15:00	17-JUL-2011 15:00
					EN1101834-006	EN1101834-007	EN1101834-008	EN1101834-009	EN1101834-010
USEPA Air Toxics Method TO15r (Mass/Volume) - Continued									
^ Tetrachloroethene	127-18-4	3.4	µg/m³		<8.1	<10.6	<7.4	<8.3	<8.4
^ Chlorobenzene	108-90-7	2.3	µg/m³		<5.4	<7.2	<5.0	<5.6	<5.7
^ Ethylbenzene	100-41-4	2.2	µg/m³		**6.5**	<6.9	<4.8	<5.4	<5.5
^ meta- & para-Xylene	108-38-3 106-42-3	4.3	µg/m³		**26.2**	<13.5	<9.4	<10.5	<10.7
^ Styrene	100-42-5	2.1	µg/m³		<5.0	<6.6	<4.6	<5.1	<5.2
^ 1.1.2.2-Tetrachloroethane	79-34-5	3.4	µg/m³		<8.1	<10.6	<7.4	<8.3	<8.4
^ ortho-Xylene	95-47-6	2.2	µg/m³		**9.2**	<6.9	<4.8	<5.4	<5.5
^ 4-Ethyltoluene	----	2.5	µg/m³		<5.9	<7.8	<5.4	<6.1	<6.2
^ 1.3.5-Trimethylbenzene	108-67-8	2.5	µg/m³		<5.9	<7.8	<5.4	<6.1	<6.2
^ 1.2.4-Trimethylbenzene	95-63-6	2.5	µg/m³		<5.9	<7.8	<5.4	<6.1	<6.2
^ 1.3-Dichlorobenzene	541-73-1	3.0	µg/m³		<7.1	<9.4	<6.5	<7.3	<7.4
^ Benzylchloride	100-44-7	2.6	µg/m³		<6.2	<8.1	<5.7	<6.4	<6.4
^ 1.4-Dichlorobenzene	106-46-7	3.0	µg/m³		<7.1	<9.4	<6.5	<7.3	<7.4
^ 1.2-Dichlorobenzene	95-50-1	3.0	µg/m³		<7.1	<9.4	<6.5	<7.3	<7.4
^ 1.2.4-Trichlorobenzene	120-82-1	3.7	µg/m³		<8.8	<11.6	<8.1	<9.0	<9.2
^ Hexachlorobutadiene	87-68-3	5.3	µg/m³		<12.6	<16.6	<11.5	<13.0	<13.2
^ Acetone	67-64-1	1.2	µg/m³		<2.8	<3.8	<2.6	<2.9	<3.0
^ Bromodichloromethane	75-27-4	3.4	µg/m³		<8.1	<10.6	<7.4	<8.3	<8.4
^ 1.3-Butadiene	106-99-0	1.1	µg/m³		<2.6	<3.4	<2.4	<2.7	<2.7
^ Carbon disulfide	75-15-0	1.6	µg/m³		<3.8	<5.0	<3.5	<3.9	<4.0
^ 2-Chlorotoluene	95-49-8	2.6	µg/m³		<6.2	<8.1	<5.7	<6.4	<6.4
^ 1-Chloro-2-propene (Allyl chloride)	107-05-1	1.6	µg/m³		<3.8	<5.0	<3.5	<3.9	<4.0
^ Cyclohexane	----	1.7	µg/m³		**14.6**	**8.2**	**14.9**	<4.2	<4.2
^ Dibromochloromethane	124-48-1	4.3	µg/m³		<10.2	<13.5	<9.4	<10.5	<10.7
^ 1.4-Dioxane	123-91-1	1.8	µg/m³		<4.3	<5.6	<3.9	<4.4	<4.5
^ Ethylacetate	9002-89-5	1.8	µg/m³		<4.3	<5.6	<3.9	<4.4	<4.5
^ trans-1.2-Dichloroethene	156-60-5	2.0	µg/m³		<4.7	<6.3	<4.4	<4.9	<5.0
^ Heptane	142-82-5	2.0	µg/m³		<4.7	<6.3	<4.4	<4.9	<5.0
^ Hexane	----	1.8	µg/m³		**62.0**	**109**	**263**	**28.7**	**22.6**
^ Isooctane	----	2.3	µg/m³		<5.4	<7.2	<5.0	<5.6	<5.7
^ Isopropyl Alcohol	67-63-0	1.2	µg/m³		<2.8	<3.8	<2.6	<2.9	<3.0
^ 2-Butanone (MEK)	78-93-3	1.5	µg/m³		<3.6	<4.7	<3.3	<3.7	<3.7
^ Methyl iso-Butyl ketone	108-10-1	2.0	µg/m³		<4.7	<6.3	<4.4	<4.9	<5.0
^ 2-Hexanone (MBK)	591-78-6	2.0	µg/m³		<4.7	<6.3	<4.4	<4.9	<5.0
^ Propene	115-07-1	0.9	µg/m³		**8.7**	**9.3**	**10.7**	**5.2**	**4.4**

Analytical Results

Sub-Matrix: **AIR**

Compound	CAS Number	LOR	Unit	Client sample ID	4977 SCULPTURE STUDIO	4777 SPNH - BEDROOM	4760 SPNH - COMMUNAL	4768 VISUAL ARTS 2	4987 ARTS & CRAFT STUDIO
				Client sampling date / time	17-JUL-2011 15:00	18-JUL-2011 15:00	18-JUL-2011 15:00	17-JUL-2011 15:00	17-JUL-2011 15:00
					EN1101834-006	EN1101834-007	EN1101834-008	EN1101834-009	EN1101834-010
USEPA Air Toxics Method TO15r (Mass/Volume) - Continued									
^ Methyl tert-Butyl Ether (MTBE)	1634-04-4	1.8	µg/m³		<4.3	<5.6	<3.9	<4.4	<4.5
^ Tetrahydrofuran	109-99-9	1.5	µg/m³		<3.6	<4.7	<3.3	<3.7	<3.7
^ Bromoform	75-25-2	5.2	µg/m³		<12.3	<16.3	<11.3	<12.7	<12.9
^ Vinyl Acetate	108-05-4	1.8	µg/m³		<4.3	<5.6	<3.9	<4.4	<4.5
^ Vinyl bromide	593-60-2	2.2	µg/m³		<5.2	<6.9	<4.8	<5.4	<5.5
^ Ethanol	64-70-5	0.9	µg/m³		**24.7**	**333**	**500**	<2.2	<2.2
^ Acetonitrile	75-05-8	0.8	µg/m³		<1.9	<2.5	<1.7	<2.0	<2.0
^ Acrolein	107-02-8	1.1	µg/m³		<2.6	<3.4	<2.4	<2.7	<2.7
^ Acrylonitrile	107-13-1	1.1	µg/m³		<2.6	<3.4	<2.4	<2.7	<2.7
^ tert-Butyl alcohol	75-65-0	1.5	µg/m³		<3.6	<4.7	<3.3	<3.7	<3.7
^ 2-Chloro-1.3-butadiene	---	1.8	µg/m³		<4.3	<5.6	<3.9	<4.4	<4.5
^ Di-isopropyl Ether	---	2.1	µg/m³		<5.0	<6.6	<4.6	<5.1	<5.2
^ Ethyl tert-Butyl Ether (ETBE)	637-92-3	2.1	µg/m³		<5.0	<6.6	<4.6	<5.1	<5.2
^ tert-Amyl Methyl Ether (TAME)	994-05-8	2.1	µg/m³		<5.0	<6.6	<4.6	<5.1	<5.2
^ Methyl Methacrylate	80-62-6	2.1	µg/m³		<5.0	<6.6	<4.6	<5.1	<5.2
^ 1.1.1.2-Tetrachloroethane	630-20-6	3.4	µg/m³		<8.1	<10.6	<7.4	<8.3	<8.4
^ Isopropylbenzene	98-82-8	2.5	µg/m³		<5.9	<7.8	<5.4	<6.1	<6.2
^ n-Propylbenzene	103-65-1	2.5	µg/m³		<5.9	<7.8	<5.4	<6.1	<6.2
^ tert-Butylbenzene	98-06-6	2.7	µg/m³		<6.4	<8.4	<5.9	<6.6	<6.7
^ sec-Butylbenzene	135-98-8	2.7	µg/m³		<6.4	<8.4	<5.9	<6.6	<6.7
^ 2-isopropyltoluene	---	2.7	µg/m³		<6.4	<8.4	<5.9	<6.6	<6.7
^ n-Butylbenzene	104-51-8	2.7	µg/m³		<6.4	<8.4	<5.9	<6.6	<6.7
^ Naphthalene	91-20-3	2.6	µg/m³		<6.2	<8.1	<5.7	<6.4	<6.4
USEPA Air Toxics Method TO15r Surrogates									
4-Bromofluorobenzene	460-00-4	0.1	%		**104**	**106**	**104**	**98.5**	**90.7**

Analytical Results

Sub-Matrix: **AIR**

Compound	CAS Number	LOR	Unit	Client sample ID	4772 CERAMIC STUDIO	4736 THEATRE W/SHOP	4985 CAFE	4981 BACKGROUND	4983 REHEARSAL ROOM
				Client sampling date / time	17-JUL-2011 15:00	17-JUL-2011 15:00	17-JUL-2011 15:00	17-JUL-2011 15:00	17-JUL-2011 15:00
					EN1101834-011	EN1101834-012	EN1101834-013	EN1101834-014	EN1101834-015
USEPA Air Toxics Method TO15r									
Freon 12	75-71-8	0.5	ppbv		<1.3	<1.2	<1.2	<1.3	<1.2
Chloromethane	74-87-3	0.5	ppbv		<1.3	<1.2	<1.2	<1.3	<1.2
Freon 114	76-14-2	0.5	ppbv		<1.3	<1.2	<1.2	<1.3	<1.2
Vinyl chloride	75-01-4	0.5	ppbv		<1.3	<1.2	<1.2	<1.3	<1.2
Bromomethane	74-83-9	0.5	ppbv		<1.3	<1.2	<1.2	<1.3	<1.2
Chloroethane	75-00-3	0.5	ppbv		<1.3	<1.2	<1.2	<1.3	<1.2
Freon 11	75-69-4	0.5	ppbv		<1.3	<1.2	<1.2	<1.3	<1.2
1.1-Dichloroethene	75-35-4	0.5	ppbv		<1.3	<1.2	<1.2	<1.3	<1.2
Dichloromethane	75-09-2	0.5	ppbv		**4.0**	<1.2	<1.2	<1.3	<1.2
Freon 113	76-13-1	0.5	ppbv		<1.3	<1.2	<1.2	<1.3	<1.2
1.1-Dichloroethane	75-34-3	0.5	ppbv		<1.3	<1.2	<1.2	<1.3	<1.2
cis-1.2-Dichloroethene	156-59-2	0.5	ppbv		<1.3	<1.2	<1.2	<1.3	<1.2
Chloroform	67-66-3	0.5	ppbv		<1.3	<1.2	<1.2	<1.3	<1.2
1.2-Dichloroethane	107-06-2	0.5	ppbv		<1.3	<1.2	<1.2	<1.3	<1.2
1.1.1-Trichloroethane	71-55-6	0.5	ppbv		<1.3	<1.2	<1.2	<1.3	<1.2
Benzene	71-43-2	0.5	ppbv		<1.3	<1.2	<1.2	<1.3	<1.2
Carbon Tetrachloride	56-23-5	0.5	ppbv		<1.3	<1.2	<1.2	<1.3	<1.2
1.2-Dichloropropane	78-87-5	0.5	ppbv		<1.3	<1.2	<1.2	<1.3	<1.2
Trichloroethene	79-01-6	0.5	ppbv		<1.3	<1.2	<1.2	<1.3	<1.2
cis-1.3-Dichloropropylene	10061-01-5	0.5	ppbv		<1.3	<1.2	<1.2	<1.3	<1.2
trans-1.3-Dichloropropene	10061-02-6	0.5	ppbv		<1.3	<1.2	<1.2	<1.3	<1.2
1.1.2-Trichloroethane	79-00-5	0.5	ppbv		<1.3	<1.2	<1.2	<1.3	<1.2
Toluene	108-88-3	0.5	ppbv		<1.3	**2.7**	<1.2	**2.1**	<1.2
1.2-Dibromoethane (EDB)	106-93-4	0.5	ppbv		<1.3	<1.2	<1.2	<1.3	<1.2
Tetrachloroethene	127-18-4	0.5	ppbv		<1.3	<1.2	<1.2	<1.3	<1.2
Chlorobenzene	108-90-7	0.5	ppbv		<1.3	<1.2	<1.2	<1.3	<1.2
Ethylbenzene	100-41-4	0.5	ppbv		<1.3	<1.2	<1.2	<1.3	<1.2
meta- & para-Xylene	108-38-3 106-42-3	1.0	ppbv		<2.6	<2.5	<2.5	<2.7	<2.5
Styrene	100-42-5	0.5	ppbv		<1.3	<1.2	<1.2	<1.3	<1.2
1.1.2.2-Tetrachloroethane	79-34-5	0.5	ppbv		<1.3	<1.2	<1.2	<1.3	<1.2
ortho-Xylene	95-47-6	0.5	ppbv		<1.3	<1.2	<1.2	<1.3	<1.2
4-Ethyltoluene	---	0.5	ppbv		<1.3	<1.2	<1.2	<1.3	<1.2
1.3.5-Trimethylbenzene	108-67-8	0.5	ppbv		<1.3	<1.2	<1.2	<1.3	<1.2
1.2.4-Trimethylbenzene	95-63-6	0.5	ppbv		<1.3	<1.2	<1.2	<1.3	<1.2
1.3-Dichlorobenzene	541-73-1	0.5	ppbv		<1.3	<1.2	<1.2	<1.3	<1.2
Benzylchloride	100-44-7	0.5	ppbv		<1.3	<1.2	<1.2	<1.3	<1.2
1.4-Dichlorobenzene	106-46-7	0.5	ppbv		<1.3	<1.2	<1.2	<1.3	<1.2

Analytical Results

Sub-Matrix: **AIR**

Compound	CAS Number	LOR	Unit	Client sample ID: 4772 CERAMIC STUDIO	4736 THEATRE W/SHOP	4985 CAFE	4981 BACKGROUND	4983 REHEARSAL ROOM
			Client sampling date / time	17-JUL-2011 15:00	17-JUL-2011 15:00	17-JUL-2011 15:00	17-JUL-2011 15:00	17-JUL-2011 15:00
				EN1101834-011	EN1101834-012	EN1101834-013	EN1101834-014	EN1101834-015
USEPA Air Toxics Method TO15r - Continued								
1.2-Dichlorobenzene	95-50-1	0.5	ppbv	<1.3	<1.2	<1.2	<1.3	<1.2
1.2.4-Trichlorobenzene	120-82-1	0.5	ppbv	<1.3	<1.2	<1.2	<1.3	<1.2
Hexachlorobutadiene	87-68-3	0.5	ppbv	<1.3	<1.2	<1.2	<1.3	<1.2
Acetone	67-64-1	0.5	ppbv	<1.3	<1.2	<1.2	<1.3	<1.2
Bromodichloromethane	75-27-4	0.5	ppbv	<1.3	<1.2	<1.2	<1.3	<1.2
1.3-Butadiene	106-99-0	0.5	ppbv	<1.3	<1.2	<1.2	<1.3	<1.2
Carbon disulfide	75-15-0	0.5	ppbv	<1.3	<1.2	<1.2	<1.3	<1.2
2-Chlorotoluene	95-49-8	0.5	ppbv	<1.3	<1.2	<1.2	<1.3	<1.2
1-Chloro-2-propene (Allyl chloride)	107-05-1	0.5	ppbv	<1.3	<1.2	<1.2	<1.3	<1.2
Cyclohexane	---	0.5	ppbv	<1.3	<1.2	<1.2	<1.3	<1.2
Dibromochloromethane	124-48-1	0.5	ppbv	<1.3	<1.2	<1.2	<1.3	<1.2
1.4-Dioxane	123-91-1	0.5	ppbv	<1.3	<1.2	<1.2	<1.3	<1.2
Ethylacetate	9002-89-5	0.5	ppbv	<1.3	<1.2	<1.2	<1.3	<1.2
trans-1.2-Dichloroethene	156-60-5	0.5	ppbv	<1.3	<1.2	<1.2	<1.3	<1.2
Heptane	142-82-5	0.5	ppbv	<1.3	<1.2	<1.2	<1.3	<1.2
Hexane	---	0.5	ppbv	**6.6**	**27.0**	**6.4**	**7.6**	**5.7**
Isooctane	---	0.5	ppbv	<1.3	<1.2	<1.2	<1.3	<1.2
Isopropyl Alcohol	67-63-0	0.5	ppbv	<1.3	<1.2	<1.2	<1.3	<1.2
2-Butanone (MEK)	78-93-3	0.5	ppbv	<1.3	<1.2	<1.2	<1.3	<1.2
Methyl iso-Butyl ketone	108-10-1	0.5	ppbv	<1.3	<1.2	<1.2	<1.3	<1.2
2-Hexanone (MBK)	591-78-6	0.5	ppbv	<1.3	<1.2	<1.2	<1.3	<1.2
Propene	115-07-1	0.5	ppbv	**2.5**	**2.5**	**2.0**	**1.6**	**1.9**
Methyl tert-Butyl Ether (MTBE)	1634-04-4	0.5	ppbv	<1.3	<1.2	<1.2	<1.3	<1.2
Tetrahydrofuran	109-99-9	0.5	ppbv	<1.3	<1.2	<1.2	<1.3	<1.2
Bromoform	75-25-2	0.5	ppbv	<1.3	<1.2	<1.2	<1.3	<1.2
Vinyl Acetate	108-05-4	0.5	ppbv	<1.3	<1.2	<1.2	<1.3	<1.2
Vinyl bromide	593-60-2	0.5	ppbv	<1.3	<1.2	<1.2	<1.3	<1.2
Ethanol	64-70-5	0.5	ppbv	**32.8**	**13.6**	**547**	<1.3	<1.2
Acetonitrile	75-05-8	0.5	ppbv	<1.3	<1.2	<1.2	<1.3	<1.2
Acrolein	107-02-8	0.5	ppbv	<1.3	<1.2	<1.2	<1.3	<1.2
Acrylonitrile	107-13-1	0.5	ppbv	<1.3	<1.2	<1.2	<1.3	<1.2
tert-Butyl alcohol	75-65-0	0.5	ppbv	<1.3	<1.2	<1.2	<1.3	<1.2
2-Chloro-1.3-butadiene	---	0.5	ppbv	<1.3	<1.2	<1.2	<1.3	<1.2
Di-isopropyl Ether	---	0.5	ppbv	<1.3	<1.2	<1.2	<1.3	<1.2
Ethyl tert-Butyl Ether (ETBE)	637-92-3	0.5	ppbv	<1.3	<1.2	<1.2	<1.3	<1.2
tert-Amyl Methyl Ether (TAME)	994-05-8	0.5	ppbv	<1.3	<1.2	<1.2	<1.3	<1.2

Analytical Results

Sub-Matrix: **AIR**

Compound	CAS Number	LOR	Unit	Client sample ID: 4772 CERAMIC STUDIO	4736 THEATRE W/SHOP	4985 CAFE	4981 BACKGROUND	4983 REHEARSAL ROOM
			Client sampling date / time	17-JUL-2011 15:00	17-JUL-2011 15:00	17-JUL-2011 15:00	17-JUL-2011 15:00	17-JUL-2011 15:00
				EN1101834-011	EN1101834-012	EN1101834-013	EN1101834-014	EN1101834-015
USEPA Air Toxics Method TO15r - Continued								
Methyl Methacrylate	80-62-6	0.5	ppbv	<1.3	<1.2	<1.2	<1.3	<1.2
1.1.1.2-Tetrachloroethane	630-20-6	0.5	ppbv	<1.3	<1.2	<1.2	<1.3	<1.2
Isopropylbenzene	98-82-8	0.5	ppbv	<1.3	<1.2	<1.2	<1.3	<1.2
n-Propylbenzene	103-65-1	0.5	ppbv	<1.3	<1.2	<1.2	<1.3	<1.2
tert-Butylbenzene	98-06-6	0.5	ppbv	<1.3	<1.2	<1.2	<1.3	<1.2
sec-Butylbenzene	135-98-8	0.5	ppbv	<1.3	<1.2	<1.2	<1.3	<1.2
2-isopropyltoluene	----	0.5	ppbv	<1.3	<1.2	<1.2	<1.3	<1.2
n-Butylbenzene	104-51-8	0.5	ppbv	<1.3	<1.2	<1.2	<1.3	<1.2
Naphthalene	91-20-3	0.5	ppbv	<1.3	<1.2	<1.2	<1.3	<1.2
USEPA Air Toxics Method TO15r (Mass/Volume)								
^ Freon 12	75-71-8	2.5	µg/m³	<6.4	<6.2	<6.3	<6.7	<6.2
^ Chloromethane	74-87-3	1.0	µg/m³	<2.6	<2.5	<2.5	<2.7	<2.5
^ Freon 114	76-14-2	3.5	µg/m³	<9.0	<8.7	<8.8	<9.4	<8.8
^ Vinyl chloride	75-01-4	1.3	µg/m³	<3.4	<3.2	<3.2	<3.5	<3.2
^ Bromomethane	74-83-9	1.9	µg/m³	<4.9	<4.7	<4.8	<5.1	<4.8
^ Chloroethane	75-00-3	1.3	µg/m³	<3.4	<3.2	<3.2	<3.5	<3.2
^ Freon 11	75-69-4	2.8	µg/m³	<7.2	<7.0	<7.0	<7.5	<7.0
^ 1.1-Dichloroethene	75-35-4	2.0	µg/m³	<5.2	<5.0	<5.0	<5.4	<5.0
^ Dichloromethane	75-09-2	1.7	µg/m³	**14.0**	<4.2	<4.3	<4.6	<4.2
^ Freon 113	76-13-1	3.8	µg/m³	<9.8	<9.4	<9.5	<10.2	<9.5
^ 1.1-Dichloroethane	75-34-3	2.0	µg/m³	<5.2	<5.0	<5.0	<5.4	<5.0
^ cis-1.2-Dichloroethene	156-59-2	2.0	µg/m³	<5.2	<5.0	<5.0	<5.4	<5.0
^ Chloroform	67-66-3	2.4	µg/m³	<6.2	<6.0	<6.0	<6.4	<6.0
^ 1.2-Dichloroethane	107-06-2	2.0	µg/m³	<5.2	<5.0	<5.0	<5.4	<5.0
^ 1.1.1-Trichloroethane	71-55-6	2.7	µg/m³	<7.0	<6.7	<6.8	<7.2	<6.8
^ Benzene	71-43-2	1.6	µg/m³	<4.1	<4.0	<4.0	<4.3	<4.0
^ Carbon Tetrachloride	56-23-5	3.1	µg/m³	<8.0	<7.7	<7.8	<8.3	<7.8
^ 1.2-Dichloropropane	78-87-5	2.3	µg/m³	<5.9	<5.7	<5.8	<6.2	<5.8
^ Trichloroethene	79-01-6	2.7	µg/m³	<7.0	<6.7	<6.8	<7.2	<6.8
^ cis-1.3-Dichloropropylene	10061-01-5	2.3	µg/m³	<5.9	<5.7	<5.8	<6.2	<5.8
^ trans-1.3-Dichloropropene	10061-02-6	2.3	µg/m³	<5.9	<5.7	<5.8	<6.2	<5.8
^ 1.1.2-Trichloroethane	79-00-5	2.7	µg/m³	<7.0	<6.7	<6.8	<7.2	<6.8
^ Toluene	108-88-3	1.9	µg/m³	<4.9	**10.0**	<4.8	**7.9**	<4.8
^ 1.2-Dibromoethane (EDB)	106-93-4	3.8	µg/m³	<9.8	<9.4	<9.5	<10.2	<9.5
^ Tetrachloroethene	127-18-4	3.4	µg/m³	<8.8	<8.4	<8.5	<9.1	<8.5
^ Chlorobenzene	108-90-7	2.3	µg/m³	<5.9	<5.7	<5.8	<6.2	<5.8
^ Ethylbenzene	100-41-4	2.2	µg/m³	<5.7	<5.5	<5.5	<5.9	<5.5

Analytical Results

Sub-Matrix: **AIR**

Compound	CAS Number	LOR	Unit	Client sample ID: 4772 CERAMIC STUDIO	4736 THEATRE W/SHOP	4985 CAFE	4981 BACKGROUND	4983 REHEARSAL ROOM
			Client sampling date / time	17-JUL-2011 15:00	17-JUL-2011 15:00	17-JUL-2011 15:00	17-JUL-2011 15:00	17-JUL-2011 15:00
				EN1101834-011	EN1101834-012	EN1101834-013	EN1101834-014	EN1101834-015
USEPA Air Toxics Method TO15r (Mass/Volume) - Continued								
^ meta- & para-Xylene	108-38-3 106-42-3	4.3	µg/m³	<11.1	<10.7	<10.8	<11.5	<10.8
^ Styrene	100-42-5	2.1	µg/m³	<5.4	<5.2	<5.3	<5.6	<5.2
^ 1.1.2.2-Tetrachloroethane	79-34-5	3.4	µg/m³	<8.8	<8.4	<8.5	<9.1	<8.5
^ ortho-Xylene	95-47-6	2.2	µg/m³	<5.7	<5.5	<5.5	<5.9	<5.5
^ 4-Ethyltoluene	----	2.5	µg/m³	<6.4	<6.2	<6.3	<6.7	<6.2
^ 1.3.5-Trimethylbenzene	108-67-8	2.5	µg/m³	<6.4	<6.2	<6.3	<6.7	<6.2
^ 1.2.4-Trimethylbenzene	95-63-6	2.5	µg/m³	<6.4	<6.2	<6.3	<6.7	<6.2
^ 1.3-Dichlorobenzene	541-73-1	3.0	µg/m³	<7.7	<7.5	<7.5	<8.0	<7.5
^ Benzylchloride	100-44-7	2.6	µg/m³	<6.7	<6.5	<6.5	<7.0	<6.5
^ 1.4-Dichlorobenzene	106-46-7	3.0	µg/m³	<7.7	<7.5	<7.5	<8.0	<7.5
^ 1.2-Dichlorobenzene	95-50-1	3.0	µg/m³	<7.7	<7.5	<7.5	<8.0	<7.5
^ 1.2.4-Trichlorobenzene	120-82-1	3.7	µg/m³	<9.5	<9.2	<9.3	<9.9	<9.2
^ Hexachlorobutadiene	87-68-3	5.3	µg/m³	<13.7	<13.2	<13.3	<14.2	<13.2
^ Acetone	67-64-1	1.2	µg/m³	<3.1	<3.0	<3.0	<3.2	<3.0
^ Bromodichloromethane	75-27-4	3.4	µg/m³	<8.8	<8.4	<8.5	<9.1	<8.5
^ 1.3-Butadiene	106-99-0	1.1	µg/m³	<2.8	<2.7	<2.8	<2.9	<2.8
^ Carbon disulfide	75-15-0	1.6	µg/m³	<4.1	<4.0	<4.0	<4.3	<4.0
^ 2-Chlorotoluene	95-49-8	2.6	µg/m³	<6.7	<6.5	<6.5	<7.0	<6.5
^ 1-Chloro-2-propene (Allyl chloride)	107-05-1	1.6	µg/m³	<4.1	<4.0	<4.0	<4.3	<4.0
^ Cyclohexane	----	1.7	µg/m³	<4.4	<4.2	<4.3	<4.6	<4.2
^ Dibromochloromethane	124-48-1	4.3	µg/m³	<11.1	<10.7	<10.8	<11.5	<10.8
^ 1.4-Dioxane	123-91-1	1.8	µg/m³	<4.6	<4.5	<4.5	<4.8	<4.5
^ Ethylacetate	9002-89-5	1.8	µg/m³	<4.6	<4.5	<4.5	<4.8	<4.5
^ trans-1.2-Dichloroethene	156-60-5	2.0	µg/m³	<5.2	<5.0	<5.0	<5.4	<5.0
^ Heptane	142-82-5	2.0	µg/m³	<5.2	<5.0	<5.0	<5.4	<5.0
^ Hexane	----	1.8	µg/m³	**23.2**	**95.0**	**22.7**	**26.6**	**20.2**
^ Isooctane	----	2.3	µg/m³	<5.9	<5.7	<5.8	<6.2	<5.8
^ Isopropyl Alcohol	67-63-0	1.2	µg/m³	<3.1	<3.0	<3.0	<3.2	<3.0
^ 2-Butanone (MEK)	78-93-3	1.5	µg/m³	<3.9	<3.7	<3.8	<4.0	<3.8
^ Methyl iso-Butyl ketone	108-10-1	2.0	µg/m³	<5.2	<5.0	<5.0	<5.4	<5.0
^ 2-Hexanone (MBK)	591-78-6	2.0	µg/m³	<5.2	<5.0	<5.0	<5.4	<5.0
^ Propene	115-07-1	0.9	µg/m³	**4.3**	**4.3**	**3.4**	**2.7**	**3.3**
^ Methyl tert-Butyl Ether (MTBE)	1634-04-4	1.8	µg/m³	<4.6	<4.5	<4.5	<4.8	<4.5
^ Tetrahydrofuran	109-99-9	1.5	µg/m³	<3.9	<3.7	<3.8	<4.0	<3.8
^ Bromoform	75-25-2	5.2	µg/m³	<13.4	<12.9	<13.0	<13.9	<13.0
^ Vinyl Acetate	108-05-4	1.8	µg/m³	<4.6	<4.5	<4.5	<4.8	<4.5

Analytical Results

Sub-Matrix: AIR				Client sample ID	4772 CERAMIC STUDIO	4736 THEATRE W/SHOP	4985 CAFE	4981 BACKGROUND	4983 REHEARSAL ROOM
				Client sampling date / time	17-JUL-2011 15:00	17-JUL-2011 15:00	17-JUL-2011 15:00	17-JUL-2011 15:00	17-JUL-2011 15:00
Compound	CAS Number	LOR	Unit		EN1101834-011	EN1101834-012	EN1101834-013	EN1101834-014	EN1101834-015
USEPA Air Toxics Method TO15r (Mass/Volume) - Continued									
^ Vinyl bromide	593-60-2	2.2	µg/m³		<5.7	<5.5	<5.5	<5.9	<5.5
^ Ethanol	64-70-5	0.9	µg/m³		**61.8**	**25.5**	**1030**	<2.4	<2.2
^ Acetonitrile	75-05-8	0.8	µg/m³		<2.1	<2.0	<2.0	<2.1	<2.0
^ Acrolein	107-02-8	1.1	µg/m³		<2.8	<2.7	<2.8	<2.9	<2.8
^ Acrylonitrile	107-13-1	1.1	µg/m³		<2.8	<2.7	<2.8	<2.9	<2.8
^ tert-Butyl alcohol	75-65-0	1.5	µg/m³		<3.9	<3.7	<3.8	<4.0	<3.8
^ 2-Chloro-1.3-butadiene	----	1.8	µg/m³		<4.6	<4.5	<4.5	<4.8	<4.5
^ Di-isopropyl Ether	----	2.1	µg/m³		<5.4	<5.2	<5.3	<5.6	<5.2
^ Ethyl tert-Butyl Ether (ETBE)	637-92-3	2.1	µg/m³		<5.4	<5.2	<5.3	<5.6	<5.2
^ tert-Amyl Methyl Ether (TAME)	994-05-8	2.1	µg/m³		<5.4	<5.2	<5.3	<5.6	<5.2
^ Methyl Methacrylate	80-62-6	2.1	µg/m³		<5.4	<5.2	<5.3	<5.6	<5.2
^ 1.1.1.2-Tetrachloroethane	630-20-6	3.4	µg/m³		<8.8	<8.4	<8.5	<9.1	<8.5
^ Isopropylbenzene	98-82-8	2.5	µg/m³		<6.4	<6.2	<6.3	<6.7	<6.2
^ n-Propylbenzene	103-65-1	2.5	µg/m³		<6.4	<6.2	<6.3	<6.7	<6.2
^ tert-Butylbenzene	98-06-6	2.7	µg/m³		<7.0	<6.7	<6.8	<7.2	<6.8
^ sec-Butylbenzene	135-98-8	2.7	µg/m³		<7.0	<6.7	<6.8	<7.2	<6.8
^ 2-isopropyltoluene	----	2.7	µg/m³		<7.0	<6.7	<6.8	<7.2	<6.8
^ n-Butylbenzene	104-51-8	2.7	µg/m³		<7.0	<6.7	<6.8	<7.2	<6.8
^ Naphthalene	91-20-3	2.6	µg/m³		<6.7	<6.5	<6.5	<7.0	<6.5
USEPA Air Toxics Method TO15r Surrogates									
4-Bromofluorobenzene	460-00-4	0.1	%		**90.7**	**91.6**	**92.4**	**92.8**	**87.5**

Analytical Results

Sub-Matrix: AIR			Client sample ID	4992 BOOKSHOP	----	----	----	----
			Client sampling date / time	17-JUL-2011 15:00	----	----	----	----
Compound	CAS Number	LOR	Unit	EN1101834-016	----	----	----	----
USEPA Air Toxics Method TO15r								
Freon 12	75-71-8	0.5	ppbv	<1.2	----	----	----	----
Chloromethane	74-87-3	0.5	ppbv	<1.2	----	----	----	----
Freon 114	76-14-2	0.5	ppbv	<1.2	----	----	----	----
Vinyl chloride	75-01-4	0.5	ppbv	<1.2	----	----	----	----
Bromomethane	74-83-9	0.5	ppbv	<1.2	----	----	----	----
Chloroethane	75-00-3	0.5	ppbv	<1.2	----	----	----	----
Freon 11	75-69-4	0.5	ppbv	<1.2	----	----	----	----
1.1-Dichloroethene	75-35-4	0.5	ppbv	<1.2	----	----	----	----
Dichloromethane	75-09-2	0.5	ppbv	<1.2	----	----	----	----
Freon 113	76-13-1	0.5	ppbv	<1.2	----	----	----	----
1.1-Dichloroethane	75-34-3	0.5	ppbv	<1.2	----	----	----	----
cis-1.2-Dichloroethene	156-59-2	0.5	ppbv	<1.2	----	----	----	----
Chloroform	67-66-3	0.5	ppbv	<1.2	----	----	----	----
1.2-Dichloroethane	107-06-2	0.5	ppbv	<1.2	----	----	----	----
1.1.1-Trichloroethane	71-55-6	0.5	ppbv	<1.2	----	----	----	----
Benzene	71-43-2	0.5	ppbv	<1.2	----	----	----	----
Carbon Tetrachloride	56-23-5	0.5	ppbv	<1.2	----	----	----	----
1.2-Dichloropropane	78-87-5	0.5	ppbv	<1.2	----	----	----	----
Trichloroethene	79-01-6	0.5	ppbv	<1.2	----	----	----	----
cis-1.3-Dichloropropylene	10061-01-5	0.5	ppbv	<1.2	----	----	----	----
trans-1.3-Dichloropropene	10061-02-6	0.5	ppbv	<1.2	----	----	----	----
1.1.2-Trichloroethane	79-00-5	0.5	ppbv	<1.2	----	----	----	----
Toluene	108-88-3	0.5	ppbv	**4.6**	----	----	----	----
1.2-Dibromoethane (EDB)	106-93-4	0.5	ppbv	<1.2	----	----	----	----
Tetrachloroethene	127-18-4	0.5	ppbv	<1.2	----	----	----	----
Chlorobenzene	108-90-7	0.5	ppbv	<1.2	----	----	----	----
Ethylbenzene	100-41-4	0.5	ppbv	<1.2	----	----	----	----
meta- & para-Xylene	108-38-3 106-42-3	1.0	ppbv	<2.5	----	----	----	----
Styrene	100-42-5	0.5	ppbv	<1.2	----	----	----	----
1.1.2.2-Tetrachloroethane	79-34-5	0.5	ppbv	<1.2	----	----	----	----
ortho-Xylene	95-47-6	0.5	ppbv	<1.2	----	----	----	----
4-Ethyltoluene	----	0.5	ppbv	<1.2	----	----	----	----
1.3.5-Trimethylbenzene	108-67-8	0.5	ppbv	<1.2	----	----	----	----
1.2.4-Trimethylbenzene	95-63-6	0.5	ppbv	<1.2	----	----	----	----
1.3-Dichlorobenzene	541-73-1	0.5	ppbv	<1.2	----	----	----	----
Benzylchloride	100-44-7	0.5	ppbv	<1.2	----	----	----	----
1.4-Dichlorobenzene	106-46-7	0.5	ppbv	<1.2	----	----	----	----

Analytical Results

Sub-Matrix: **AIR**

				Client sample ID	4992 BOOKSHOP	----	----	----	----
				Client sampling date / time	17-JUL-2011 15:00	----	----	----	----
Compound	CAS Number	LOR	Unit		EN1101834-016	----	----	----	----
USEPA Air Toxics Method TO15r - Continued									
1.2-Dichlorobenzene	95-50-1	0.5	ppbv		<1.2	----	----	----	----
1.2.4-Trichlorobenzene	120-82-1	0.5	ppbv		<1.2	----	----	----	----
Hexachlorobutadiene	87-68-3	0.5	ppbv		<1.2	----	----	----	----
Acetone	67-64-1	0.5	ppbv		<1.2	----	----	----	----
Bromodichloromethane	75-27-4	0.5	ppbv		<1.2	----	----	----	----
1.3-Butadiene	106-99-0	0.5	ppbv		<1.2	----	----	----	----
Carbon disulfide	75-15-0	0.5	ppbv		<1.2	----	----	----	----
2-Chlorotoluene	95-49-8	0.5	ppbv		<1.2	----	----	----	----
1-Chloro-2-propene (Allyl chloride)	107-05-1	0.5	ppbv		<1.2	----	----	----	----
Cyclohexane	----	0.5	ppbv		<1.2	----	----	----	----
Dibromochloromethane	124-48-1	0.5	ppbv		<1.2	----	----	----	----
1.4-Dioxane	123-91-1	0.5	ppbv		<1.2	----	----	----	----
Ethylacetate	9002-89-5	0.5	ppbv		<1.2	----	----	----	----
trans-1.2-Dichloroethene	156-60-5	0.5	ppbv		<1.2	----	----	----	----
Heptane	142-82-5	0.5	ppbv		<1.2	----	----	----	----
Hexane	----	0.5	ppbv		**9.0**	----	----	----	----
Isooctane	----	0.5	ppbv		<1.2	----	----	----	----
Isopropyl Alcohol	67-63-0	0.5	ppbv		<1.2	----	----	----	----
2-Butanone (MEK)	78-93-3	0.5	ppbv		<1.2	----	----	----	----
Methyl iso-Butyl ketone	108-10-1	0.5	ppbv		<1.2	----	----	----	----
2-Hexanone (MBK)	591-78-6	0.5	ppbv		<1.2	----	----	----	----
Propene	115-07-1	0.5	ppbv		**1.7**	----	----	----	----
Methyl tert-Butyl Ether (MTBE)	1634-04-4	0.5	ppbv		<1.2	----	----	----	----
Tetrahydrofuran	109-99-9	0.5	ppbv		<1.2	----	----	----	----
Bromoform	75-25-2	0.5	ppbv		<1.2	----	----	----	----
Vinyl Acetate	108-05-4	0.5	ppbv		<1.2	----	----	----	----
Vinyl bromide	593-60-2	0.5	ppbv		<1.2	----	----	----	----
Ethanol	64-70-5	0.5	ppbv		<1.2	----	----	----	----
Acetonitrile	75-05-8	0.5	ppbv		<1.2	----	----	----	----
Acrolein	107-02-8	0.5	ppbv		<1.2	----	----	----	----
Acrylonitrile	107-13-1	0.5	ppbv		<1.2	----	----	----	----
tert-Butyl alcohol	75-65-0	0.5	ppbv		<1.2	----	----	----	----
2-Chloro-1.3-butadiene	----	0.5	ppbv		<1.2	----	----	----	----
Di-isopropyl Ether	----	0.5	ppbv		<1.2	----	----	----	----
Ethyl tert-Butyl Ether (ETBE)	637-92-3	0.5	ppbv		<1.2	----	----	----	----
tert-Amyl Methyl Ether (TAME)	994-05-8	0.5	ppbv		<1.2	----	----	----	----

Analytical Results

Sub-Matrix: **AIR**

			Client sample ID	**4992 BOOKSHOP**	----	----	----	----
			Client sampling date / time	17-JUL-2011 15:00	----	----	----	----
Compound	*CAS Number*	*LOR*	*Unit*	**EN1101834-016**	**----**	**----**	**----**	**----**
USEPA Air Toxics Method TO15r - Continued								
Methyl Methacrylate	80-62-6	0.5	ppbv	<1.2	----	----	----	----
1.1.1.2-Tetrachloroethane	630-20-6	0.5	ppbv	<1.2	----	----	----	----
Isopropylbenzene	98-82-8	0.5	ppbv	<1.2	----	----	----	----
n-Propylbenzene	103-65-1	0.5	ppbv	<1.2	----	----	----	----
tert-Butylbenzene	98-06-6	0.5	ppbv	<1.2	----	----	----	----
sec-Butylbenzene	135-98-8	0.5	ppbv	<1.2	----	----	----	----
2-isopropyltoluene	----	0.5	ppbv	<1.2	----	----	----	----
n-Butylbenzene	104-51-8	0.5	ppbv	<1.2	----	----	----	----
Naphthalene	91-20-3	0.5	ppbv	<1.2	----	----	----	----
USEPA Air Toxics Method TO15r (Mass/Volume)								
^ Freon 12	75-71-8	2.5	µg/m³	<6.2	----	----	----	----
^ Chloromethane	74-87-3	1.0	µg/m³	<2.5	----	----	----	----
^ Freon 114	76-14-2	3.5	µg/m³	<8.6	----	----	----	----
^ Vinyl chloride	75-01-4	1.3	µg/m³	<3.2	----	----	----	----
^ Bromomethane	74-83-9	1.9	µg/m³	<4.7	----	----	----	----
^ Chloroethane	75-00-3	1.3	µg/m³	<3.2	----	----	----	----
^ Freon 11	75-69-4	2.8	µg/m³	<6.9	----	----	----	----
^ 1.1-Dichloroethene	75-35-4	2.0	µg/m³	<4.9	----	----	----	----
^ Dichloromethane	75-09-2	1.7	µg/m³	<4.2	----	----	----	----
^ Freon 113	76-13-1	3.8	µg/m³	<9.4	----	----	----	----
^ 1.1-Dichloroethane	75-34-3	2.0	µg/m³	<4.9	----	----	----	----
^ cis-1.2-Dichloroethene	156-59-2	2.0	µg/m³	<4.9	----	----	----	----
^ Chloroform	67-66-3	2.4	µg/m³	<5.9	----	----	----	----
^ 1.2-Dichloroethane	107-06-2	2.0	µg/m³	<4.9	----	----	----	----
^ 1.1.1-Trichloroethane	71-55-6	2.7	µg/m³	<6.7	----	----	----	----
^ Benzene	71-43-2	1.6	µg/m³	<4.0	----	----	----	----
^ Carbon Tetrachloride	56-23-5	3.1	µg/m³	<7.6	----	----	----	----
^ 1.2-Dichloropropane	78-87-5	2.3	µg/m³	<5.7	----	----	----	----
^ Trichloroethene	79-01-6	2.7	µg/m³	<6.7	----	----	----	----
^ cis-1.3-Dichloropropylene	10061-01-5	2.3	µg/m³	<5.7	----	----	----	----
^ trans-1.3-Dichloropropene	10061-02-6	2.3	µg/m³	<5.7	----	----	----	----
^ 1.1.2-Trichloroethane	79-00-5	2.7	µg/m³	<6.7	----	----	----	----
^ Toluene	108-88-3	1.9	µg/m³	**17.4**	----	----	----	----
^ 1.2-Dibromoethane (EDB)	106-93-4	3.8	µg/m³	<9.4	----	----	----	----
^ Tetrachloroethene	127-18-4	3.4	µg/m³	<8.4	----	----	----	----
^ Chlorobenzene	108-90-7	2.3	µg/m³	<5.7	----	----	----	----
^ Ethylbenzene	100-41-4	2.2	µg/m³	<5.4	----	----	----	----

Analytical Results

Sub-Matrix: **AIR**

				Client sample ID	4992 BOOKSHOP	----	----	----	----
				Client sampling date / time	17-JUL-2011 15:00	----	----	----	----
Compound	CAS Number	LOR	Unit		EN1101834-016	----	----	----	----
USEPA Air Toxics Method TO15r (Mass/Volume) - Continued									
^ meta- & para-Xylene	108-38-3 106-42-3	4.3	µg/m³		<10.6	----	----	----	----
^ Styrene	100-42-5	2.1	µg/m³		<5.2	----	----	----	----
^ 1.1.2.2-Tetrachloroethane	79-34-5	3.4	µg/m³		<8.4	----	----	----	----
^ ortho-Xylene	95-47-6	2.2	µg/m³		<5.4	----	----	----	----
^ 4-Ethyltoluene	----	2.5	µg/m³		<6.2	----	----	----	----
^ 1.3.5-Trimethylbenzene	108-67-8	2.5	µg/m³		<6.2	----	----	----	----
^ 1.2.4-Trimethylbenzene	95-63-6	2.5	µg/m³		<6.2	----	----	----	----
^ 1.3-Dichlorobenzene	541-73-1	3.0	µg/m³		<7.4	----	----	----	----
^ Benzylchloride	100-44-7	2.6	µg/m³		<6.4	----	----	----	----
^ 1.4-Dichlorobenzene	106-46-7	3.0	µg/m³		<7.4	----	----	----	----
^ 1.2-Dichlorobenzene	95-50-1	3.0	µg/m³		<7.4	----	----	----	----
^ 1.2.4-Trichlorobenzene	120-82-1	3.7	µg/m³		<9.1	----	----	----	----
^ Hexachlorobutadiene	87-68-3	5.3	µg/m³		<13.1	----	----	----	----
^ Acetone	67-64-1	1.2	µg/m³		<3.0	----	----	----	----
^ Bromodichloromethane	75-27-4	3.4	µg/m³		<8.4	----	----	----	----
^ 1.3-Butadiene	106-99-0	1.1	µg/m³		<2.7	----	----	----	----
^ Carbon disulfide	75-15-0	1.6	µg/m³		<4.0	----	----	----	----
^ 2-Chlorotoluene	95-49-8	2.6	µg/m³		<6.4	----	----	----	----
^ 1-Chloro-2-propene (Allyl chloride)	107-05-1	1.6	µg/m³		<4.0	----	----	----	----
^ Cyclohexane	----	1.7	µg/m³		<4.2	----	----	----	----
^ Dibromochloromethane	124-48-1	4.3	µg/m³		<10.6	----	----	----	----
^ 1.4-Dioxane	123-91-1	1.8	µg/m³		<4.4	----	----	----	----
^ Ethylacetate	9002-89-5	1.8	µg/m³		<4.4	----	----	----	----
^ trans-1.2-Dichloroethene	156-60-5	2.0	µg/m³		<4.9	----	----	----	----
^ Heptane	142-82-5	2.0	µg/m³		<4.9	----	----	----	----
^ Hexane	----	1.8	µg/m³		**31.9**	----	----	----	----
^ Isooctane	----	2.3	µg/m³		<5.7	----	----	----	----
^ Isopropyl Alcohol	67-63-0	1.2	µg/m³		<3.0	----	----	----	----
^ 2-Butanone (MEK)	78-93-3	1.5	µg/m³		<3.7	----	----	----	----
^ Methyl iso-Butyl ketone	108-10-1	2.0	µg/m³		<4.9	----	----	----	----
^ 2-Hexanone (MBK)	591-78-6	2.0	µg/m³		<4.9	----	----	----	----
^ Propene	115-07-1	0.9	µg/m³		**2.9**	----	----	----	----
^ Methyl tert-Butyl Ether (MTBE)	1634-04-4	1.8	µg/m³		<4.4	----	----	----	----
^ Tetrahydrofuran	109-99-9	1.5	µg/m³		<3.7	----	----	----	----
^ Bromoform	75-25-2	5.2	µg/m³		<12.8	----	----	----	----
^ Vinyl Acetate	108-05-4	1.8	µg/m³		<4.4	----	----	----	----

Analytical Results

Sub-Matrix: **AIR**

			Client sample ID	**4992 BOOKSHOP**	----	----	----	----
			Client sampling date / time	17-JUL-2011 15:00	----	----	----	----
Compound	*CAS Number*	*LOR*	*Unit*	**EN1101834-016**	**----**	**----**	**----**	**----**
USEPA Air Toxics Method TO15r (Mass/Volume) - Continued								
^ Vinyl bromide	593-60-2	2.2	µg/m³	<5.4	----	----	----	----
^ Ethanol	64-70-5	0.9	µg/m³	<2.2	----	----	----	----
^ Acetonitrile	75-05-8	0.8	µg/m³	<2.0	----	----	----	----
^ Acrolein	107-02-8	1.1	µg/m³	<2.7	----	----	----	----
^ Acrylonitrile	107-13-1	1.1	µg/m³	<2.7	----	----	----	----
^ tert-Butyl alcohol	75-65-0	1.5	µg/m³	<3.7	----	----	----	----
^ 2-Chloro-1.3-butadiene	----	1.8	µg/m³	<4.4	----	----	----	----
^ Di-isopropyl Ether	----	2.1	µg/m³	<5.2	----	----	----	----
^ Ethyl tert-Butyl Ether (ETBE)	637-92-3	2.1	µg/m³	<5.2	----	----	----	----
^ tert-Amyl Methyl Ether (TAME)	994-05-8	2.1	µg/m³	<5.2	----	----	----	----
^ Methyl Methacrylate	80-62-6	2.1	µg/m³	<5.2	----	----	----	----
^ 1.1.1.2-Tetrachloroethane	630-20-6	3.4	µg/m³	<8.4	----	----	----	----
^ Isopropylbenzene	98-82-8	2.5	µg/m³	<6.2	----	----	----	----
^ n-Propylbenzene	103-65-1	2.5	µg/m³	<6.2	----	----	----	----
^ tert-Butylbenzene	98-06-6	2.7	µg/m³	<6.7	----	----	----	----
^ sec-Butylbenzene	135-98-8	2.7	µg/m³	<6.7	----	----	----	----
^ 2-isopropyltoluene	----	2.7	µg/m³	<6.7	----	----	----	----
^ n-Butylbenzene	104-51-8	2.7	µg/m³	<6.7	----	----	----	----
^ Naphthalene	91-20-3	2.6	µg/m³	<6.4	----	----	----	----
USEPA Air Toxics Method TO15r Surrogates								
4-Bromofluorobenzene	460-00-4	0.1	%	**90.6**	----	----	----	----

Surrogate Control Limits

Sub-Matrix: **AIR**		Recovery Limits (%)	
Compound	*CAS Number*	*Low*	*High*
USEPA Air Toxics Method TO15r Surrogates			
4-Bromofluorobenzene	460-00-4	60	140

AIR CANISTER CHAIN OF CUSTODY

If sourced from an ALS Laboratory: please tick → ☐

Client Supplied Canister(s)? Y / (N)

☐ Sydney: 277 Woodpark Rd, Smithfield NSW 2176 Ph: 02 8784 8555 E: samples.sydney@alsenviro.com
☐ Newcastle: 5 Rosegum Rd, Warabrook NSW 2304 Ph: 02 4968 9433 E: samples.newcastle@alsenviro.com
☐ Brisbane: 32 Shand St, Stafford QLD 4053 Ph: 07 3243 7222 E: samples.brisbane@alsenviro.com
☐ Townsville: 14-15 Desma Ct, Bohle QLD 4818 Ph: 07 4796 0600 E: townsville.environmental@alsenviro.com
☐ Melbourne: 2-4 Westall Rd, Springvale VIC 3171 Ph: 03 8549 9600 E: samples.melbourne@alsenviro.com
☐ Adelaide: 2-1 Burma Rd, Pooraka SA 5095 Ph: 08 8359 0890 E: adelaide@alsenviro.com
☐ Perth: 10 Hod Way, Malaga WA 6090 Ph: 08 9209 7655 E: samples.perth@alsenviro.com
☐ Launceston: 27 Wellington St, Launceston TAS Ph: 03 6331 2158 E: launceston@alsenviro.com

CLIENT: ENVIRONMENTAL EARTH SCIENCES.	TURNAROUND REQUIREMENTS: (Standard TAT may be extended for multiple sequential analysis suites)	☑ Standard TAT (List due date):	LABORATORY USE ONLY (Circle) Receiver to initial and date/time
OFFICE: MELBOURNE		☐ Non Standard or urgent TAT (List due date):	Custody Seal Intact? Rec Lab Y / N NE Y / N N/A
PROJECT: STH MELBOURNE GASWORK PROJECT NO: 210074	ALS QUOTE NO.: NE-001-11	COC SEQUENCE NUMBER (Circle)	Valve closed on Receipt? Rec Lab Y / N NE Y / N N/A
CANISTER REQUEST NO: — PURCHASE ORDER NO.: —	COUNTRY OF ORIGIN: AUSTRALIA	COC: (1) 2 3 4 5 6 7	Canister/Sampler Complete and Not Damaged (Yes) No
PROJECT MANAGER: ANNE WHINCUP	CONTACT PH: (03) 9687 1666	OF: 1 (2) 3 4 5 6 7	Other comment:
SAMPLER: ANNE WHINCUP	SAMPLER MOBILE:	RELINQUISHED BY: 23/1/12 3pm	RELINQUISHED BY: 1/02/2012 2:30 PM
COC Emailed to ALS? (YES / NO)	EDD FORMAT (or default):	RECEIVED BY: 25/1/12	RECEIVED BY: 3/2/12 9:00
Email Reports to (will default to PM if no other addresses are listed): awhincup@eesi.biz			
Email Invoice to (will default to PM if no other addresses are listed): eesvic@eesi.biz			

COMMENTS/SPECIAL HANDLING/REPLACEMENT OR RETURN INSTRUCTIONS:

GAS SAMPLE CONTAINER INFORMATION

Canister Gauge Pressures (PSI)

ANALYSIS REQUIRED

Suite Codes must be listed to attract suite price

Additional Information

ALS USE ONLY	CANISTER / SAMPLE DETAILS					Canister Gauge Pressures (PSI)					ANALYSIS REQUIRED						Additional Information
LAB ID	CANISTER SERIAL NO.	FLOW CONTROLLER SERIAL NO.	CLIENT SAMPLE ID	DATE / TIME SAMPLED	MATRIX (eg Air)	Dispatch	Post Sampling	Receipt	Analysis (Ambient)	Dilution (Calc)	TO-14	TO-15	TO-15X				Comments on LORs required, potential hazards, likely contaminant levels, or samples requiring specific QC analysis etc. (LOR defaults to routine method LOR after dilution)
1	4747	1833 ~~30~~	Garden Studio	29/01/12	Air	-30	-12	-7					✓				
	4989	-				-30		-30									NOT SAMPLED
2	4763	1615	Visual Arts Studio 1	29/01/12	Air	-30	-10	-8					✓				
3	4737	1621	N. Wing Rm 1	01/02/12	Air	-30	-10	-12					✓				24hr sample
4	4973	1613	Kitchen	01/02/12	Air	-30	-5	-1					✓				24hr sample
5	4770	1614	Cafe	29/01/12	Air	-30	-12	-9					✓				NB Sample collected 32 min early
6	4782	1620	Dressing Room	29/01/12	Air	-30	-2	-3					✓				NB Pre-sample pressure -2
7	4983	1828	Rehearsal	29/01/12	Air	-30	-10	-12					✓				
8	4740	1619	Theatre	29/01/12	Air	-30	-5	-6					✓				
9	4775	1608	Sculpture Studio	29/01/12	Air	-30	-12	-12					✓				
10	4982	1609	Gate house	29/01/12	Air	-30	-12	-12					✓				
11	4768	1831	Administration	29/01/12	Air	-30	-8	-10					✓				
12	4977	1830	Background	29/01/12	Air	-30	-8	-9					✓				
13	4777	1611	Duplicate 1	29/01/12	Air	-30	-6	-7					✓				

Job Specific Instructions:

Environmental Division
Newcastle
Work Order
EN1200432

Telephone : +61-2-4968 9433

AIR CANISTER CHAIN OF CUSTODY

☐ Sydney: 277 Woodpark Rd, Smithfield NSW 2176 Ph: 02 8784 8555 E: samples.sydney@alsenviro.com
☐ Brisbane: 32 Shand St, Stafford QLD 4053 Ph:07 3243 7222 E:samples.brisbane@alsenviro.com
☐ Melbourne: 2-4 Westall Rd, Springvale VIC 3171 Ph:03 8549 9600 E: samples.melbourne@alsenviro.com
☐ Perth: 10 Hod Way, Malaga WA 6090 Ph: 08 9209 7655 E: samples.perth@alsenviro.com
☐ Newcastle: 5 Rosegum Rd, Warabrook NSW 2304 Ph:02 4968 9433 E:samples.newcastle@alsenviro.com
☐ Townsville: 14-15 Desma Ct, Bohle QLD 4818 Ph:07 4796 0600 E: townsville.environmental@alsenviro.com
☐ Adelaide: 2-1 Burma Rd, Pooraka SA 5095 Ph: 08 8359 0890 E:adelaide@alsenviro.com
☐ Launceston: 27 Wellington St, Launceston TAS Ph: 03 6331 2158 E: launceston@alsenviro.com

If sourced from an ALS Laboratory: please tick → ☐

Client Supplied Canister(s)? Y / N (N)

CLIENT: ENVIRONMENTAL EARTH SCIENCES.	TURNAROUND REQUIREMENTS : (Standard TAT may be extended for multiple sequential analysis suites)	☑ Standard TAT (List due date):	LABORATORY USE ONLY (Circle) Receiver to initial and date/time
OFFICE: MELBOURNE		☐ Non Standard or urgent TAT (List due date):	Custody Seal Intact? Rec Lab Y / N NE Y / N N/A
PROJECT: STH MELB. GASWORKS PROJECT NO: 210074	ALS QUOTE NO.: NE_001-11	COC SEQUENCE NUMBER (Circle)	Valve closed on Receipt? Rec Lab Y / N NE Y / N N/A
CANISTER REQUEST NO: PURCHASE ORDER NO.:	COUNTRY OF ORIGIN: AUSTRALIA.	COC: 1 (2) 3 4 5 6 7	Canister/Sampler Complete and Not Damaged (Yes) No
PROJECT MANAGER: ANNE WHINCUP	CONTACT PH: (03) 9687 1666	OF: 1 (2) 3 4 5 6 7	Other comment:
SAMPLER: ANNE WHINCUP	SAMPLER MOBILE: 0488 339098	RELINQUISHED BY: [signature] 23/1/12 3PM	RELINQUISHED BY: [signature] 1/02/2012
COC Emailed to ALS? (YES / NO)	EDD FORMAT (or default):	RECEIVED BY: [signature] 25/1/12	RECEIVED BY: 2:30pm
Email Reports to (will default to PM if no other addresses are listed): awhincup@eesi.biz		RELINQUISHED BY:	RELINQUISHED BY:
Email Invoice to (will default to PM if no other addresses are listed): eesvic@eesi.biz		RECEIVED BY:	RECEIVED BY: [signature] 3/2/12 9:00

COMMENTS/SPECIAL HANDLING/REPLACEMENT OR RETURN INSTRUCTIONS:

GAS SAMPLE CONTAINER INFORMATION

Canister Gauge Pressures (PSI)

ANALYSIS REQUIRED

Suite Codes must be listed to attract suite price

Additional Information

ALS USE ONLY	CANISTER / SAMPLE DETAILS					Canister Gauge Pressures (PSI) ALS USE ONLY					ANALYSIS REQUIRED						Additional Information
LAB ID	CANISTER SERIAL NO.	FLOW CONTROLLER SERIAL NO.	CLIENT SAMPLE ID	DATE / TIME SAMPLED	MATRIX (eg Air)	Dispatch	Post Sampling	Receipt	Analysis (Ambient)	Dilution (Calc)	TO-14	TO-15	TO-15X				Comments on LORs required, potential hazards, likely contaminant levels, or samples requiring specific QC analysis etc. (LOR defaults to routine method LOR after dilution)
14	4741	1829	Ceramics Studio	29/1/12	Air	-30	-10	-10					✓				
15 ✓	4760	1835	Workshop	29/01/2012	Air	-30	-2	-4					✓				NB Pre-sample pressure
16	4981	1834	Arts & Craft Studio	29/01/2012	Air	-30	-12	-9					✓				

Job Specific Instructions:

ALS Group

Environmental Division

CERTIFICATE OF ANALYSIS

Work Order	: **EN1200432**	Page	: 1 of 04
y l@i r	: **ENVIRONMENTAL EARTH SCIENCES**	2aLobaroht	: Ei n@oi v ei ral m@G@i NeDwasrle
y oi raw	: c M SNNE A WHNy I P	y oi raw	: PerebUet re
SKKbess	: Pd dO. B 00X4 F. . 5My TSR YHy VSI M5TS2HS 4811	SKKbess	: X Toseg, v ToaK A abaLboou NMA S, srbal@ 0483
Ekv a@	: aD- @w, hp ees@L@@	Ekv a@	: herebduet rep alsdwov da,
5eleh- oi e	: z+1 84 6+97 1+++	5eleh- oi e	: +1k0k36+9k6344
Faws@ @e	: z+1 84 6+97 1933	Faws@ @e	: z+1k0k36+9 8436
Pbojew	: 018873 M5Wc E2O. I TNE GSMA . TUM	Qy 2enel	: NEPc 1666 Mw- eK, le O(4) ai K S2M Qy M4 beq, @ev ei r
. bKebi , v Leb	: kkkk		
y k ky i , v Leb	: kkkk	mare Mav hles T ew@eK	: 84kFEOk0810
Mav hleb	: SNNE A WHNy I P	Hss, e mare	: 14kFEOk0810
M@e	: kkkk		
		Nodof sav hles b ew@eK	: 1+
Q, ore i , v Leb	: kkkk	Nodof sav hles ai alt seK	: 1+

5- @s behobr s, hebseKes ai t hben@, s behobr(s) D@- r- @s befebei wed T es, lrs ahhlt ro r- e sav hle(s) as s, Lv @reKd SII hages of r- @s behobr - ane Leei w- ewueK ai K ahhboneK fot beleased

5- @s y ebr@@are of Si alt s@s woi ra@s r- e folloD@g @fobv ar@i :

- Gei ebal y ov v ei rs
- Si alt n@al T es, lrs
- M, bbogare y oi rbol 2@ @s

NS5S SwwbeK@eK 2aLobaroht 90X

SwwbeK@eK fobwov hl@i we D@- HM. JHEy 1780Xd

Signatories

5- @s Kow, v ei r - as Leei elewrboi @allt s@i eK Lt r- e a, r- ob@@eK s@i arob@s @K@areK LeloDd Elewrboi @v s@i @g - as Leei wabb@eK o, r @ wov hl@i we D@- hbo weK, bes shew@@eK @ 01 y FT Pabr 11d

Signatories	*Position*	*Accreditation Category*
PerebUet re	NeDwasrle c ai ageb	NeDwasrle

General Comments

5- e ai alt rOal hbowK, bes , seK Lt r- e Ei nObi v ei ral mOGOi - ane Leei KeneloheK fbov esraLlG- eK Crebi arOi allt bewogi OOK hbowK, bes s, w- as r- ose h, LlG- eK Lt r- e I MEPSV SPWSV SM ai K NEPc d Hl - o, se KeneloheK hbowK, bes abe ev hlot eK C r- e aLsei we of Kow, v ei reK srai KabKs obLt wlGi r beq, esrd

A - ebe v oGr, be Kerebv CarOi - as Leei hebfobv eKVbes, lrs abe behobreK oi a Kbt DeG- r LasGd

A - ebe a behobreK less r- ai (/) bes, lr G - G- ebr- ai r- e 2. TVr- G v at Le K, e ro hbO abt sav hle exrbawr.KGesrare KC, rOi ai KJbbCs, ffGi r sav hle fobai alt sGd

A - ebe r- e 2. T of a behobreK bes, lr KCfebs fbov srai KabK 2. TVr- G v at Le K, e ro - G- v oGr, be woi rei rVCs, ffOGi r sav hle (beK, weK DeG- r ev hlot eK) obv arbO Crebfebei wed

A - ei sav hlCg rO e Cfobv arOi G i or hbonCeK Lt r- e wlGi rVsav hlCg Kares abe s- oDi DC- o, r a rO e wov hoi ei rd Hl r- ese Csrai wesVr- e rO e wov hoi ei r - as Leei ass, v eK Lt r- e laLobarobt fobhbowessCg h, bhosesd

Uet : y SMN, v Leb< y SMbegGrbt i , v Lebfbov KaraLase v aCraCeK Lt y - ev Oal SLsrbawrs MebnOesd5- e y - ev Oal SLsrbawrs MebnOe G a KOSOi of r- e Sv ebOai y - ev Oal MowGrt d
2. T < 2O Cof behobrCg
^ < 5- G bes, lr G wov h, reK fbov CKOOK, al ai alt re KerewrOi s ar obaLone r- e lenel of behobrCg

- **EP101: Results reported in µg/m³ are calculated from PPBV results based on a temperature of 25°C and atmospheric pressure of 101.3 kPa. µg/m³ results should be corrected to account for actual conditions during sampling.**
- **EP101: Sample canisters were received at sub-ambient pressures and required dilution in the laboratory prior to analysis. LOR values have been adjusted accordingly.**

Analytical Results

M, Lkc arb@: **AIR**

Compound	CAS Number	LOR	Unit	Client sample ID: 4747 GARDEN STUDIO Client sampling date / time: 06k=SNk0810 14:88 EN1200432-001	4763 VISUAL ARTS STUDIO 06k=SNk0810 14:88 EN1200432-002	4737 W. WING RM 1 81kFEOk0810 14:88 EN1200432-003	4973 KITCHEN 81kFEOk0810 14:88 EN1200432-004	4770 CAFE 06k=SNk0810 14:88 EN1200432-005
USEPA Air Toxics Method TO15r								
Freon 12	7Xk71k9	8dX	hhLn	/ 0d1	/ 0d4	/ 0d7	/ 1dX	/ 0d0
Chloromethane	73k97k4	8dX	hhLn	/ 0d1	/ 0d4	/ 0d7	/ 1dX	/ 0d0
Freon 114	7+k13k0	8dX	hhLn	/ 0d1	/ 0d4	/ 0d7	/ 1dX	/ 0d0
Vinyl chloride	7Xk81k3	8dX	hhLn	/ 0d1	/ 0d4	/ 0d7	/ 1dX	/ 0d0
Bromomethane	73k94k6	8dX	hhLn	/ 0d1	/ 0d4	/ 0d7	/ 1dX	/ 0d0
Chloroethane	7Xk88k4	8dX	hhLn	/ 0d1	/ 0d4	/ 0d7	/ 1dX	/ 0d0
Freon 11	7Xk+6k3	8dX	hhLn	/ 0d1	/ 0d4	/ 0d7	/ 1dX	/ 0d0
1.1-Dichloroethene	7Xk4Xk3	8dX	hhLn	/ 0d1	/ 0d4	/ 0d7	/ 1dX	/ 0d0
Dichloromethane	7Xk86k0	8dX	hhLn	/ 0d1	**3.8**	/ 0d7	/ 1dX	/ 0d0
Freon 113	7+k14k1	8dX	hhLn	/ 0d1	/ 0d4	/ 0d7	/ 1dX	/ 0d0
1.1-Dichloroethane	7Xk43k4	8dX	hhLn	/ 0d1	/ 0d4	/ 0d7	/ 1dX	/ 0d0
cis-1.2-Dichloroethene	1X+kX6k0	8dX	hhLn	/ 0d1	/ 0d4	/ 0d7	/ 1dX	/ 0d0
Chloroform	+7k++k4	8dX	hhLn	/ 0d1	/ 0d4	/ 0d7	/ 1dX	/ 0d0
1.2-Dichloroethane	187k8+k0	8dX	hhLn	/ 0d1	/ 0d4	/ 0d7	/ 1dX	/ 0d0
1.1.1-Trichloroethane	71kXXk+	8dX	hhLn	/ 0d1	/ 0d4	/ 0d7	/ 1dX	/ 0d0
Benzene	71k34k0	8dX	hhLn	/ 0d1	/ 0d4	/ 0d7	/ 1dX	/ 0d0
Carbon Tetrachloride	X+k04kX	8dX	hhLn	/ 0d1	/ 0d4	/ 0d7	/ 1dX	/ 0d0
1.2-Dichloropropane	79k97kX	8dX	hhLn	/ 0d1	/ 0d4	/ 0d7	/ 1dX	/ 0d0
Trichloroethene	76k81k+	8dX	hhLn	/ 0d1	/ 0d4	/ 0d7	/ 1dX	/ 0d0
cis-1.3-Dichloropropylene	188+1k81kX	8dX	hhLn	/ 0d1	/ 0d4	/ 0d7	/ 1dX	/ 0d0
trans-1.3-Dichloropropene	188+1k80k+	8dX	hhLn	/ 0d1	/ 0d4	/ 0d7	/ 1dX	/ 0d0
1.1.2-Trichloroethane	76k88kX	8dX	hhLn	/ 0d1	/ 0d4	/ 0d7	/ 1dX	/ 0d0
Toluene	189k99k4	8dX	hhLn	**13.2**	**13.2**	**3.2**	**5.2**	**5.5**
1.2-Dibromoethane (EDB)	18+k64k3	8dX	hhLn	/ 0d1	/ 0d4	/ 0d7	/ 1dX	/ 0d0
Tetrachloroethene	107k19k3	8dX	hhLn	/ 0d1	/ 0d4	/ 0d7	/ 1dX	/ 0d0
Chlorobenzene	189k68k7	8dX	hhLn	/ 0d1	/ 0d4	/ 0d7	/ 1dX	/ 0d0
Ethylbenzene	188k31k3	8dX	hhLn	/ 0d1	/ 0d4	/ 0d7	/ 1dX	/ 0d0
meta- & para-Xylene	189k49k4 18+k30k4	1dB	hhLn	/ 3d0	**22.0**	/ XdB	/ 4dB	/ 3dB
Styrene	188k30kX	8dX	hhLn	/ 0d1	/ 0d4	/ 0d7	/ 1dX	/ 0d0
1.1.2.2-Tetrachloroethane	76k43kX	8dX	hhLn	/ 0d1	/ 0d4	/ 0d7	/ 1dX	/ 0d0
ortho-Xylene	6Xk37k+	8dX	hhLn	/ 3d0	**7.8**	/ XdB	/ 4dB	/ 3dB
4-Ethyltoluene	kkk	8dX	hhLn	/ 0d1	**7.6**	/ 0d7	/ 1dX	/ 0d0
1.3.5-Trimethylbenzene	189k+7k9	8dX	hhLn	/ 0d1	**13.4**	/ 0d7	/ 1dX	/ 0d0
1.2.4-Trimethylbenzene	6Xk+4k+	8dX	hhLn	/ 0d1	**39.1**	/ 0d7	/ 1dX	/ 0d0
1.3-Dichlorobenzene	X31k74k1	8dX	hhLn	/ 0d1	/ 0d4	/ 0d7	/ 1dX	/ 0d0