APPENDIX B

INDOOR AIR QUALITY QUESTIONNAIRES

Dvirka and Bartilucci
CONSULTING ENGINEERS
A DIVISION OF WILLIAM F. COSULICH ASSOCIATES, P.C.

Project Name AVM Gowanda Project Number 2184

Preparer's Name _____ Date Prepared _____

Preparer's Affiliation Dvirka & Bartilucci Consulting Engineers Phone Number 315-437-1142

I. **OCCUPANT NAME**: _____

Address: _____

County: _____

Home Phone Number _____ Office Phone Number _____

II. **OWNER OR LANDLORD NAME**: _____
(If different from occupant)
Address: _____

Phone Number: _____

A. Building Construction Characteristics

Type (circle appropriate responses): Single-Family Multiple-Dwelling Commercial

Ranch	2-Family
Raised-Ranch	Duplex
Split-Level	Apartment House ___Units
Colonial: Number of Floors _____	
Mobile Home	Other: specify _____

Residence Age_____

General Description of Building Construction Materials _____

_____

Is the building insulated? YES / NO How air tight is the building_____

B. Basement construction characteristics (circle all that apply)

1. Full Basement, crawlspace, slab on grade, other _____
2. Basement floor: concrete, dirt, other_____
3. Concrete floor: unsealed, painted, covered with_____
4. Foundation walls: poured concrete, block, laid up stone, other _____
5. The basement is: wet, damp, dry_____Sump present? Y / N Water in sump? Y / N
6. The basement is: finished, unfinished_____
7. Identify potential soil vapor entry points (e.g. cracks, utility ports, etc.) _____

_____

8. Describe how air tight the basement is _____

_____

C. HVAC (circle all that apply)

1. The type of heating system(s) used in this residence is/are:

Hot Air Circulation	Heat Pump	Hot Water Radiation
Unvented Kerosene Heater	Steam Radiation	Wood Stove
Electric Baseboard	Other _____	

2. The type(s) of fuel(s) used is/are:

Natural Gas	Fuel Oil	Electric
Wood	Coal	Solar
Other _____		

3. Is the heating system's power plant located in the basement or another area: _____
4. Is there air-conditioning? Y / N Central Air or Window Units
   Specify the location_____
5. Are there air distribution ducts present? Y / N
6. Describe the supply and cold air return duct work in the basement including whether there is a cold air return and the tightness of duct joints_____

_____

_____

D. Potential Indoor Sources of Pollution

1. Has the house ever had a fire? Y / N
2. Is there an attached garage? Y / N
3. Is a vehicle normally parked in the garage? Y / N
4. Is there a kerosene heater present? Y / N
5. Is there a workshop, hobby or craft area in the residence? Y / N
6. An inventory of all products used or stored in the home should be performed. Any products that contain volatile organic compounds or chemicals similar to the target compounds should be listed. The attached product inventory form should be used for this purpose.
7. Is there a kitchen exhaust fan? Y / N
8. Has the house ever been fumigated? If yes, describe date, type and location of treatment.

_____

E. Water and Sewage (Circle the appropriate response)

Source of Water

Public Drilled Well Driven Well Dug Well Other _____

Water Well Specifications

Well Diameter_____	Grouted or Ungrouted _____
Well Depth _____	Type of Storage Tank_____
Depth to Bedrock _____	Size of Storage Tank _____
Feet of Casing_____	Water Treatment _____

Water Quality

Taste and/or odor problems? Y / N Describe _____

How long has the taste and/or odor been present? _____

Sewage Disposal Public Septic Tank Leach Field Other _____

Distance from well to septic system _____ Type of septic tank additive_____

F. Plan View

Draw a plan view sketch for each floor of the residence and if applicable, indicate air sampling locations, possible indoor air pollution sources and PID meter readings.

G. Potential Outdoor Sources of Pollution

Draw a sketch of the area surrounding the residence being sampled. If applicable, provide information on the spill location)if known), potential sir contamination sources (industries, gas stations, repair shops, landfills, etc.), outdoor air sampling location(s) and PID meter readings. Also indicate compass direction, wind direction and speed during sampling, the locations of the well and septic system if applicable, and a qualifying statement to help locate the site on a topographical map.

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CONSULTING ENGINEERS
A DIVISION OF WILLIAM F. COSULICH ASSOCIATES, P.C.

H. Household Products Inventory

Product Description (dispenser, size, manufacturer…)	VOC ingredients	PID Reading (ppm)

Occupant / residence: _____

Investigator: _____ Date: _____

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A DIVISION OF WILLIAM F. COSULICH ASSOCIATES, P.C.

Project Name AVM Gowanda Project Number 2184

Preparer's Name Jack Kuhn Date Prepared 9/22/04

Preparer's Affiliation Dvirka & Bartilucci Consulting Engineers Phone Number 315-437-1142

I. **OCCUPANT NAME:** _____

Address: _____

County: _____

Home Phone Number _____ Office Phone Number _____

II. **OWNER OR LANDLORD NAME:** _____
(If different from occupant)

Address: _____

Phone Number: _____

A. Building Construction Characteristics

Type (circle appropriate responses): Single-Family Multiple-Dwelling Commercial

Ranch	2-Family
Raised-Ranch	Duplex
Split-Level	Apartment House___ Units
(Colonial) Number of Floors 2	
Mobile Home	Other: specify _____

Residence Age_____

General Description of Building Construction Materials Wood Frame

Is the building insulated? (YES) / NO How air tight is the building_____

B. Basement construction characteristics (circle all that apply)

1. Full Basement, crawlspace, slab on grade, other partial basement
2. Basement floor: concrete, (dirt), other_____
3. Concrete floor: unsealed, painted, covered with NA
4. Foundation walls: poured concrete, block, (laid up stone), other _____
5. The basement is: wet, (damp), dry Sump present? Y / N Water in sump? Y / N
6. The basement is: finished, (unfinished)
7. Identify potential soil vapor entry points (e.g. cracks, utility ports, etc.) stone walls
8. Describe how air tight the basement is poor, stone wall

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CONSULTING ENGINEERS
A DIVISION OF WILLIAM F. COSULICH ASSOCIATES, P.C.

C. HVAC (circle all that apply)

1. The type of ~~heating system~~(s) used in this residence is/are:

(Hot Air Circulation)	Heat Pump	Hot Water Radiation
Unvented Kerosene Heater	Steam Radiation	Wood Stove
Electric Baseboard	Other _____	

2. The type(s) of fuel(s) used is/are:

(Natural Gas)	Fuel Oil	Electric
Wood	Coal	Solar
Other _____		

3. Is the heating system's power plant located in the basement or another area: Crawlspace
4. Is there air-conditioning? Y / (N) Central Air or Window Units
   Specify the location _____
5. Are there air distribution ducts present? Y / (N) Partially
6. Describe the supply and cold air return duct work in the basement including whether there is a cold air return and the tightness of duct joints Fairly good condition, Appears tight

_____

_____

D. Potential Indoor Sources of Pollution

1. Has the house ever had a fire? Y / N
2. Is there an attached garage? Y / (N)
3. Is a vehicle normally parked in the garage? Y / N NA
4. Is there a kerosene heater present? Y / N
5. Is there a workshop, hobby or craft area in the residence? Y / (N) - not in basement
6. An inventory of all products used or stored in the home should be performed. Any products that contain volatile organic compounds or chemicals similar to the target compounds should be listed. The attached product inventory form should be used for this purpose.
7. Is there a kitchen exhaust fan? Y / N
8. Has the house ever been fumigated? If yes, describe date, type and location of treatment.

_____

E. Water and Sewage (Circle the appropriate response)

Source of Water

(Public) Drilled Well Driven Well Dug Well Other _____

Water Well Specifications

Well Diameter _____	Grouted or Ungrouted _____
Well Depth _____	Type of Storage Tank _____
Depth to Bedrock _____	Size of Storage Tank _____
Feet of Casing _____	Water Treatment _____

Water Quality

Taste and/or odor problems? Y / N Describe _____

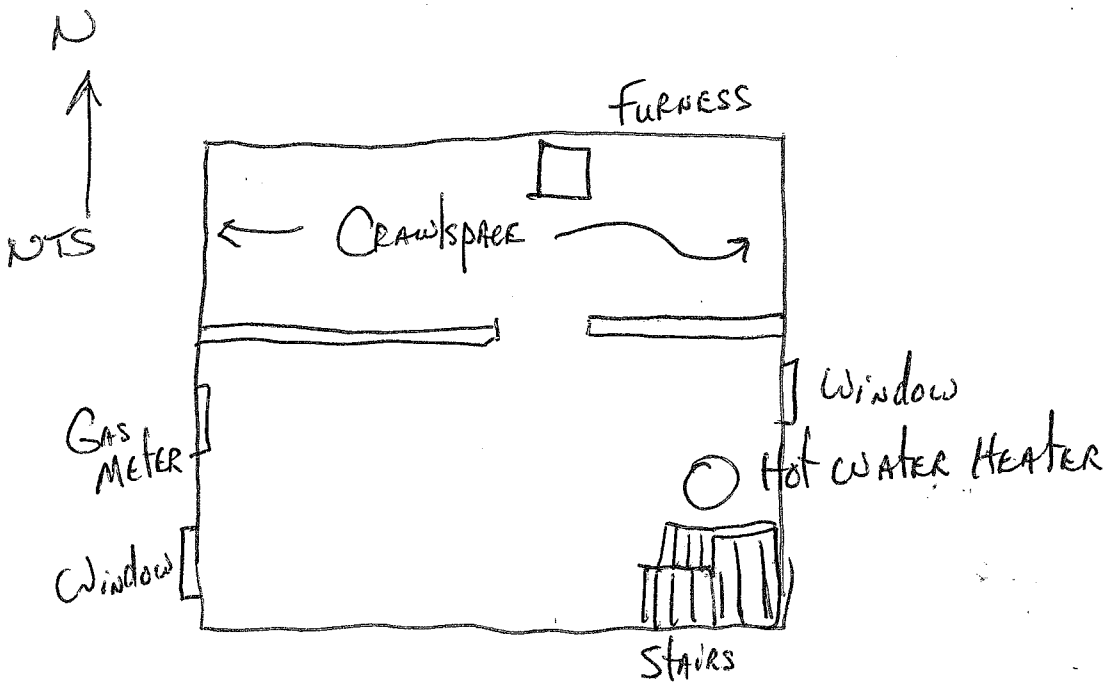
How long has the taste and/or odor been present? _____

Sewage Disposal (Public) Septic Tank Leach Field Other _____

Distance from well to septic system _____ Type of septic tank additive _____

F. Plan View

Draw a plan view sketch for each floor of the residence and if applicable, indicate air sampling locations, possible indoor air pollution sources and PID meter readings.



G. Potential Outdoor Sources of Pollution

Draw a sketch of the area surrounding the residence being sampled. If applicable, provide information on the spill location)if known), potential sir contamination sources (industries, gas stations, repair shops, landfills, etc.), outdoor air sampling location(s) and PID meter readings. Also indicate compass direction, wind direction and speed during sampling, the locations of the well and septic system if applicable, and a qualifying statement to help locate the site on a topographical map.

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A DIVISION OF WILLIAM F. COSULICH ASSOCIATES, P.C.

H. Household Products Inventory

Product Description (dispenser, size, manufacturer…)	VOC ingredients	PID Reading (ppm)
3 – 5 gallon Kerosene cans empty		

Occupant / residence: _____

Investigator: _____ Date: _____

Dvirka and Bartilucci
CONSULTING ENGINEERS
A DIVISION OF WILLIAM F. COSULICH ASSOCIATES, P.C.

Project Name AVM Gowanda Project Number 2184

Preparer's Name Jack Kahn Date Prepared 9/22/04

Preparer's Affiliation Dvirka & Bartilucci Consulting Engineers Phone Number 315-437-1142

I. **OCCUPANT NAME:** (

Address: , NY

County:

Home Phone Number _____ Office Phone Number _____

II. **OWNER OR LANDLORD NAME:** _____
(If different from occupant)
Address: _____

Phone Number: _____

A. Building Construction Characteristics

Type (circle appropriate responses): Single-Family Multiple-Dwelling Commercial

Ranch	2-Family
Raised-Ranch	Duplex
Split-Level	Apartment House___ Units
(Colonial) Number of Floors 2	
Mobile Home	Other: specify _____

Residence Age_____

General Description of Building Construction Materials Wood Frame

Is the building insulated? YES / NO How air tight is the building_____

B. Basement construction characteristics (circle all that apply)

1. (Full Basement) crawlspace, slab on grade, other_____
2. Basement floor: (concrete) dirt, other_____
3. Concrete floor: (unsealed) painted, covered with_____
4. Foundation walls: poured concrete, block, (laid up stone), other _____
5. The basement is: wet, damp, (dry) Sump present? Y (N) Water in sump? Y / N
6. The basement is: finished (unfinished)
7. Identify potential soil vapor entry points (e.g. cracks, utility ports, etc.) _____
Cracks in floor and foundation walls
8. Describe how air tight the basement is Fairly tight (medium)

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A DIVISION OF WILLIAM F. COSULICH ASSOCIATES, P.C.

C. HVAC (circle all that apply)

1. The type of heating system(s) used in this residence is/are:

Hot Air Circulation	Heat Pump	Hot Water Radiation
Unvented Kerosene Heater	Steam Radiation	Wood Stove
Electric Baseboard	Other _____	

2. The type(s) of fuel(s) used is/are:

Natural Gas	Fuel Oil	Electric
Wood	Coal	Solar
Other _____		

3. Is the heating system's power plant located in the basement or another area: _____
4. Is there air-conditioning? Y / N Central Air or Window Units
   Specify the location _____
5. Are there air distribution ducts present? Y / N
6. Describe the supply and cold air return duct work in the basement including whether there is a cold air return and the tightness of duct joints N/A

D. Potential Indoor Sources of Pollution

1. Has the house ever had a fire? Y / N
2. Is there an attached garage? Y / N
3. Is a vehicle normally parked in the garage? Y / N
4. Is there a kerosene heater present? Y / N
5. Is there a workshop, hobby or craft area in the residence? Y / N
6. An inventory of all products used or stored in the home should be performed. Any products that contain volatile organic compounds or chemicals similar to the target compounds should be listed. The attached product inventory form should be used for this purpose.
7. Is there a kitchen exhaust fan? Y / N
8. Has the house ever been fumigated? If yes, describe date, type and location of treatment.

E. Water and Sewage (Circle the appropriate response)

Source of Water

Public Drilled Well Driven Well Dug Well Other _____

Water Well Specifications

Well Diameter _____	Grouted or Ungrouted _____
Well Depth _____	Type of Storage Tank _____
Depth to Bedrock _____	Size of Storage Tank _____
Feet of Casing _____	Water Treatment _____

Water Quality

Taste and/or odor problems? Y / N Describe _____

How long has the taste and/or odor been present? _____

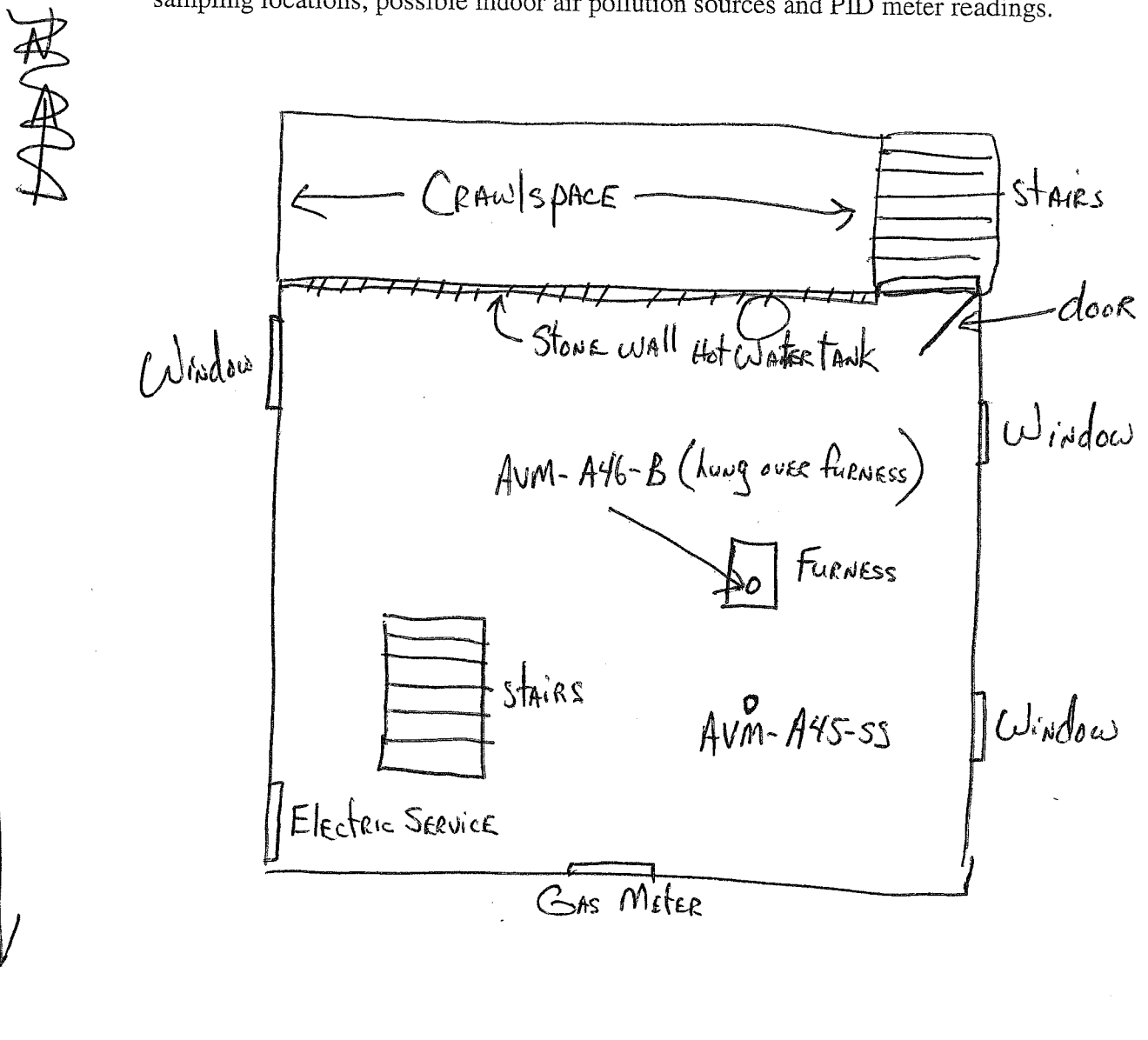
Sewage Disposal Public Septic Tank Leach Field Other _____

Distance from well to septic system _____ Type of septic tank additive _____

Dvirka and Bartilucci
CONSULTING ENGINEERS
A DIVISION OF WILLIAM F. COSULICH ASSOCIATES, P.C.

F. Plan View

Draw a plan view sketch for each floor of the residence and if applicable, indicate air sampling locations, possible indoor air pollution sources and PID meter readings.



G. Potential Outdoor Sources of Pollution

Draw a sketch of the area surrounding the residence being sampled. If applicable, provide information on the spill location)if known), potential sir contamination sources (industries, gas stations, repair shops, landfills, etc.), outdoor air sampling location(s) and PID meter readings. Also indicate compass direction, wind direction and speed during sampling, the locations of the well and septic system if applicable, and a qualifying statement to help locate the site on a topographical map.

Dvirka and Bartilucci
CONSULTING ENGINEERS
A DIVISION OF WILLIAM F. COSULICH ASSOCIATES, P.C.

H. Household Products Inventory

Product Description (dispenser, size, manufacturer…)	VOC ingredients	PID Reading (ppm)
1. Laundry Cleaning Products		

Occupant / residence: _____

Investigator: _____ Date: _____

Dvirka and Bartilucci
CONSULTING ENGINEERS
A DIVISION OF WILLIAM F. COSULICH ASSOCIATES, P.C.

Project Name AVM Gowanda Project Number 2184

Preparer's Name Jack Kuhn Date Prepared 9/22/04

Preparer's Affiliation Dvirka & Bartilucci Consulting Engineers Phone Number 315-437-1142

I. **OCCUPANT NAME:** _____

Address: Y

County: _____

Home Phone Number _____ Office Phone Number _____

II. **OWNER OR LANDLORD NAME:** _____
(If different from occupant)

Address: _____

Phone Number: _____

A. Building Construction Characteristics

Type (circle appropriate responses): Single-Family Multiple-Dwelling Commercial

Ranch	2-Family
Raised-Ranch	Duplex
Split-Level	Apartment House___ Units
(Colonial) Number of Floors 2	
Mobile Home	Other: specify _____

Residence Age_____

General Description of Building Construction Materials Wood Frame

Is the building insulated? YES / NO How air tight is the building_____

B. Basement construction characteristics (circle all that apply)

1. (Full Basement) (crawlspace) slab on grade, other_____
2. Basement floor: (concrete) dirt, other_____
3. Concrete floor: (unsealed) painted, covered with_____
4. Foundation walls: (poured concrete) block, laid up stone, other _____
5. The basement is: wet, (damp) dry____ Sump present? Y (N) Water in sump? Y / N
6. The basement is: finished (unfinished)
7. Identify potential soil vapor entry points (e.g. cracks, utility ports, etc.) _____
   Cracks in flooring; foundation walls in good condition
8. Describe how air tight the basement is Faicly tight (medium)

C. HVAC (circle all that apply)

1. The type of heating system(s) used in this residence is/are:

Hot Air Circulation	Heat Pump	Hot Water Radiation
Unvented Kerosene Heater	Steam Radiation	Wood Stove
Electric Baseboard	Other _____	

2. The type(s) of fuel(s) used is/are:

Natural Gas	Fuel Oil	Electric
Wood	Coal	Solar
Other _____		

3. Is the heating system's power plant located in the basement or another area: _____
4. Is there air-conditioning? Y / N Central Air or Window Units
   Specify the location _____
5. Are there air distribution ducts present? Y / N
6. Describe the supply and cold air return duct work in the basement including whether there is a cold air return and the tightness of duct joints N/A

D. Potential Indoor Sources of Pollution

1. Has the house ever had a fire? Y / N
2. Is there an attached garage? Y / N
3. Is a vehicle normally parked in the garage? Y / N
4. Is there a kerosene heater present? Y / N
5. Is there a workshop, hobby or craft area in the residence? Y / N
6. An inventory of all products used or stored in the home should be performed. Any products that contain volatile organic compounds or chemicals similar to the target compounds should be listed. The attached product inventory form should be used for this purpose.
7. Is there a kitchen exhaust fan? Y / N
8. Has the house ever been fumigated? If yes, describe date, type and location of treatment.

E. Water and Sewage (Circle the appropriate response)

Source of Water

Public Drilled Well Driven Well Dug Well Other _____

Water Well Specifications

Well Diameter _____	Grouted or Ungrouted _____
Well Depth _____	Type of Storage Tank _____
Depth to Bedrock _____	Size of Storage Tank _____
Feet of Casing _____	Water Treatment _____

Water Quality

Taste and/or odor problems? Y / N Describe _____

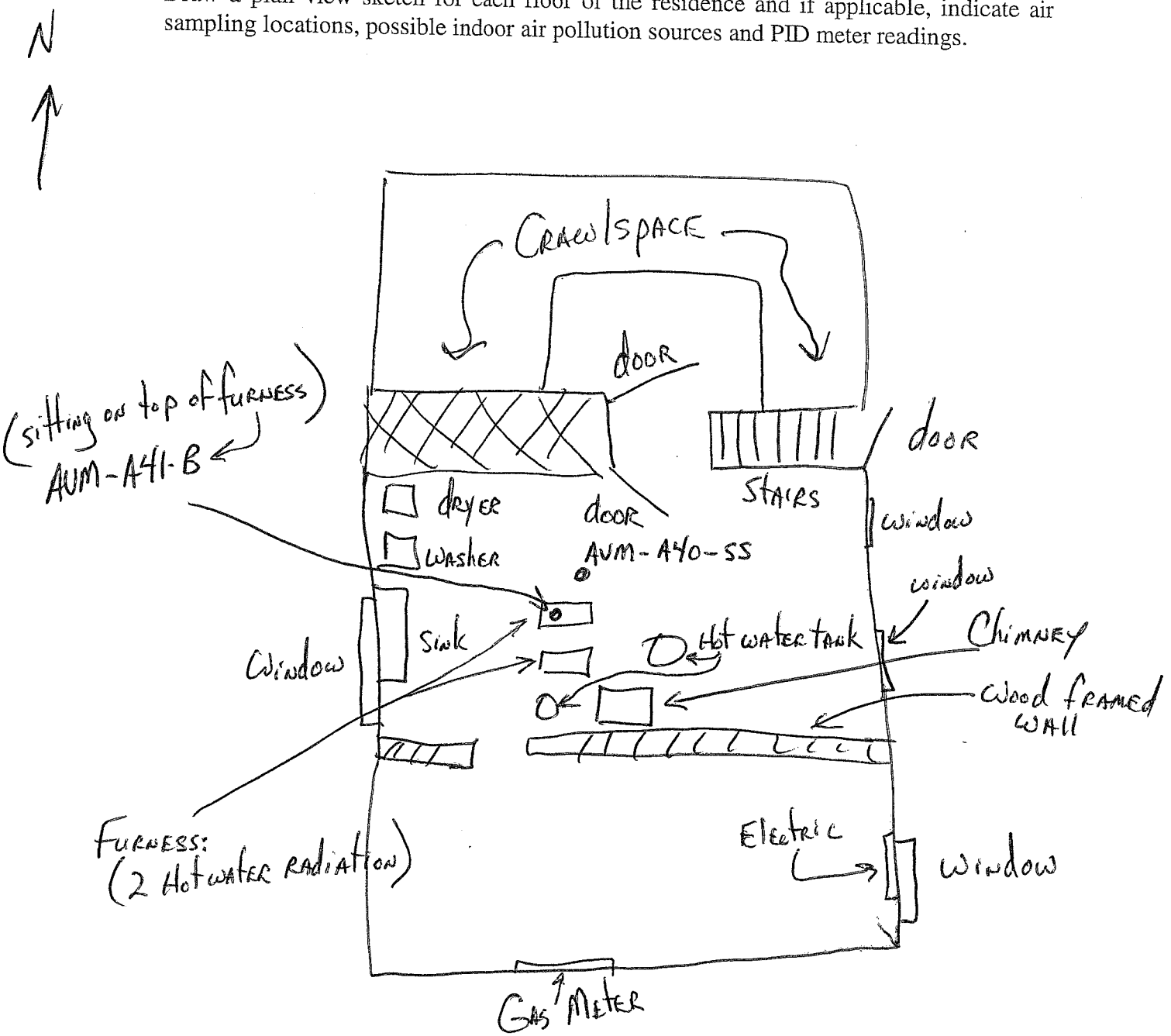
How long has the taste and/or odor been present? _____

Sewage Disposal Public Septic Tank Leach Field Other _____

Distance from well to septic system _____ Type of septic tank additive _____

F. Plan View

Draw a plan view sketch for each floor of the residence and if applicable, indicate air sampling locations, possible indoor air pollution sources and PID meter readings.



G. Potential Outdoor Sources of Pollution

Draw a sketch of the area surrounding the residence being sampled. If applicable, provide information on the spill location)if known), potential sir contamination sources (industries, gas stations, repair shops, landfills, etc.), outdoor air sampling location(s) and PID meter readings. Also indicate compass direction, wind direction and speed during sampling, the locations of the well and septic system if applicable, and a qualifying statement to help locate the site on a topographical map.

Dvirka and Bartilucci
CONSULTING ENGINEERS
A DIVISION OF WILLIAM F. COSULICH ASSOCIATES, P.C.

H. Household Products Inventory

Product Description (dispenser, size, manufacturer…)	VOC ingredients	PID Reading (ppm)
1. Laundry Cleaning Products		

Occupant / residence: _____

Investigator: _____ Date: _____

Dvirka and Bartilucci
CONSULTING ENGINEERS
A DIVISION OF WILLIAM F. COSULICH ASSOCIATES, P.C.

Project Name AVM Gowanda Project Number 2184

Preparer's Name Jack Kahn Date Prepared 9/22/04

Preparer's Affiliation Dvirka & Bartilucci Consulting Engineers Phone Number 315-437-1142

I. **OCCUPANT NAME:** _____

Address: NY

County: _____

Home Phone Number (716) 532-1345 Office Phone Number _____

II. **OWNER OR LANDLORD NAME:** _____
(If different from occupant)

Address: _____

Phone Number: _____

A. Building Construction Characteristics

Type (circle appropriate responses): Single-Family Multiple-Dwelling Commercial

Ranch	2-Family
Raised-Ranch	Duplex
~~Split-Level~~	Apartment House___ Units
Colonial: Number of Floors 2	
Mobile Home	Other: specify _____

Residence Age_____

General Description of Building Construction Materials Wood Frame

Is the building insulated? YES / NO How air tight is the building_____

B. Basement construction characteristics (circle all that apply)

1. Full Basement, crawlspace, slab on grade, other_____
2. Basement floor: concrete, dirt, other_____
3. Concrete floor: unsealed, painted, covered with_____
4. Foundation walls: poured concrete, block, laid up stone, other _____
5. The basement is: wet, damp, dry ___ Sump present? Y / N Water in sump? Y / N
6. The basement is: finished, unfinished Half Finished / Half unfinished
7. Identify potential soil vapor entry points (e.g. cracks, utility ports, etc.) _____
Some small cracks in floor; foundation walls in good condition
8. Describe how air tight the basement is Tight

Dvirka and Bartilucci
CONSULTING ENGINEERS
A DIVISION OF WILLIAM F. COSULICH ASSOCIATES, P.C.

C. HVAC (circle all that apply)

1. The type of heating system(s) used in this residence is/are:

(Hot Air Circulation)	Heat Pump	Hot Water Radiation
Unvented Kerosene Heater	Steam Radiation	Wood Stove
Electric Baseboard	Other _____	

2. The type(s) of fuel(s) used is/are:

(Natural Gas)	Fuel Oil	Electric
Wood	Coal	Solar
Other _____		

3. Is the heating system's power plant located in the (basement) or another area: _____
4. Is there air-conditioning? Y / (N) Central Air or Window Units
   Specify the location _____
5. Are there air distribution ducts present? (Y) / N
6. Describe the supply and cold air return duct work in the basement including whether there is a cold air return and the tightness of duct joints _____

Air ducts are tight and in good condition

D. Potential Indoor Sources of Pollution

1. Has the house ever had a fire? Y / N
2. Is there an attached garage? Y / N
3. Is a vehicle normally parked in the garage? Y / N
4. Is there a kerosene heater present? Y / N
5. Is there a workshop, hobby or craft area in the residence? Y / N
6. An inventory of all products used or stored in the home should be performed. Any products that contain volatile organic compounds or chemicals similar to the target compounds should be listed. The attached product inventory form should be used for this purpose.
7. Is there a kitchen exhaust fan? Y / N
8. Has the house ever been fumigated? If yes, describe date, type and location of treatment.

_____

E. Water and Sewage (Circle the appropriate response)

Source of Water

(Public) Drilled Well Driven Well Dug Well Other _____

Water Well Specifications

Well Diameter _____ Grouted or Ungrouted _____
Well Depth _____ Type of Storage Tank _____
Depth to Bedrock _____ Size of Storage Tank _____
Feet of Casing _____ Water Treatment _____

Water Quality

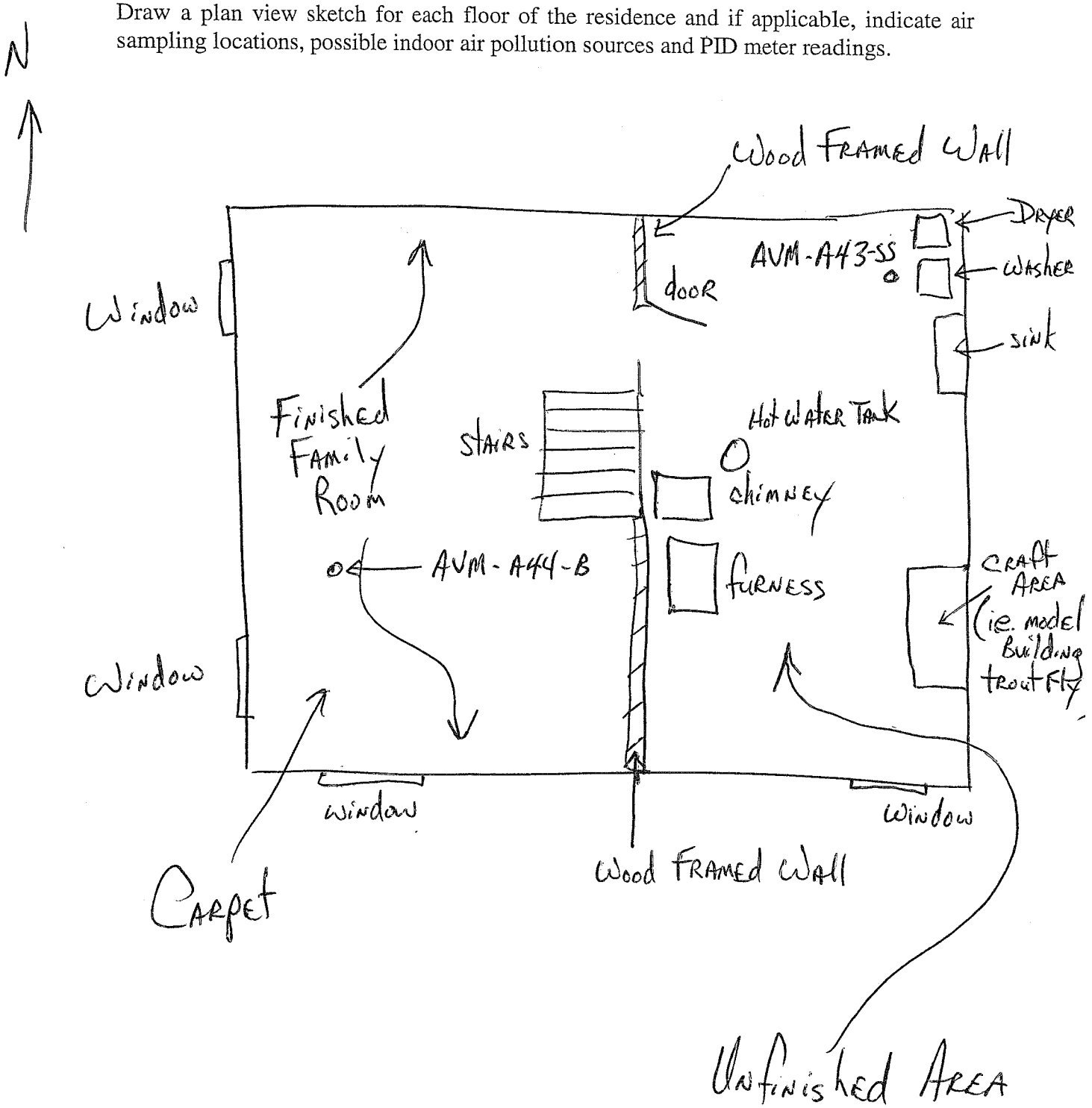
Taste and/or odor problems? Y / N Describe _____
How long has the taste and/or odor been present? _____

Sewage Disposal (Public) Septic Tank Leach Field Other _____
Distance from well to septic system _____ Type of septic tank additive _____

Dvirka and Bartilucci
CONSULTING ENGINEERS
A DIVISION OF WILLIAM F. COSULICH ASSOCIATES, P.C.

F. Plan View

Draw a plan view sketch for each floor of the residence and if applicable, indicate air sampling locations, possible indoor air pollution sources and PID meter readings.



G. Potential Outdoor Sources of Pollution

Draw a sketch of the area surrounding the residence being sampled. If applicable, provide information on the spill location)if known), potential sir contamination sources (industries, gas stations, repair shops, landfills, etc.), outdoor air sampling location(s) and PID meter readings. Also indicate compass direction, wind direction and speed during sampling, the locations of the well and septic system if applicable, and a qualifying statement to help locate the site on a topographical map.

Dvirka and Bartilucci
CONSULTING ENGINEERS
A DIVISION OF WILLIAM F. COSULICH ASSOCIATES, P.C.

H. Household Products Inventory

	Product Description (dispenser, size, manufacturer…)	VOC ingredients	PID Reading (ppm)
1.	1 Gal. Paint Cans (Approx. 6 cans)		
2.	Various glues (i.e. model glue, trout flies)		
3.	Laundry Cleaning Products		
4.	Modeling Paints for hobby shop (100+ 14ml bottles)		

Occupant / residence: _____

Investigator: _____ Date: _____

Dvirka and Bartilucci
CONSULTING ENGINEERS
A DIVISION OF WILLIAM F. COSULICH ASSOCIATES, P.C.

Project Name AVM Gowanda Project Number 2184

Preparer's Name Jack Kuhn Date Prepared 9/23/04

Preparer's Affiliation Dvirka & Bartilucci Consulting Engineers Phone Number 315-437-1142

I. **OCCUPANT NAME:** _

Address:_

County: _

Home Phone Number _____ Office Phone Number _____

II. **OWNER OR LANDLORD NAME:** _____
(If different from occupant)
Address:_____

Phone Number: _____

A. Building Construction Characteristics

Type (circle appropriate responses): Single-Family Multiple-Dwelling Commercial

(Ranch)	2-Family
Raised-Ranch	Duplex
Split-Level	Apartment House___ Units
Colonial: Number of Floors _____	
Mobile Home	Other: specify _____

Residence Age 1949

General Description of Building Construction Materials Brick Exterior / Wood Frame Interior

Is the building insulated? (YES) / NO How air tight is the building Walls / Attic

B. Basement construction characteristics (circle all that apply)

1. (Full Basement), crawlspace, slab on grade, other_____
2. Basement floor (concrete), dirt, other_____
3. Concrete floor: unsealed, painted, (covered with tile (linoleum)
4. Foundation walls: poured concrete, (block), laid up stone, other _____
5. The basement is: wet, damp, (dry) Sump present? Y / N Water in sump? Y / N
6. The basement is (finished), unfinished_____
7. Identify potential soil vapor entry points (e.g. cracks, utility ports, etc.) Floor drain; floor covered w/ tile; foundation walls in very good condition
8. Describe how air tight the basement is Tight

Dvirka and Bartilucci
CONSULTING ENGINEERS
A DIVISION OF WILLIAM F. COSULICH ASSOCIATES, P.C.

C. HVAC (circle all that apply)

FURNESS IS NEW - REPLACED W/IN LAST 5 YRS

1. The type of heating system(s) used in this residence is/are:

(Hot Air Circulation)	Heat Pump	Hot Water Radiation
Unvented Kerosene Heater	Steam Radiation	Wood Stove
Electric Baseboard	Other _____	

2. The type(s) of fuel(s) used is/are:

(Natural Gas)	Fuel Oil	Electric
Wood	Coal	Solar
Other _____		

3. Is the heating system's power plant located in the (basement) or another area: _____
4. Is there air-conditioning? Y / (N) Central Air or Window Units
   Specify the location _____
5. Are there air distribution ducts present? (Y) / N
6. Describe the supply and cold air return duct work in the basement including whether there is a cold air return and the tightness of duct joints AIR DUCTS ARE TIGHT AND IN GOOD CONDITION

D. Potential Indoor Sources of Pollution

1. Has the house ever had a fire? Y / (N)
2. Is there an attached garage? (Y) / N
3. Is a vehicle normally parked in the garage? (Y) / N
4. Is there a kerosene heater present? Y / (N)
5. Is there a workshop, hobby or craft area in the residence? Y / (N)
6. An inventory of all products used or stored in the home should be performed. Any products that contain volatile organic compounds or chemicals similar to the target compounds should be listed. The attached product inventory form should be used for this purpose.
7. Is there a kitchen exhaust fan? Y / N
8. Has the house ever been fumigated? If yes, describe date, type and location of treatment. NO

E. Water and Sewage (Circle the appropriate response)

Source of Water

(Public) Drilled Well Driven Well Dug Well Other _____

Water Well Specifications

Well Diameter _____	Grouted or Ungrouted _____
Well Depth _____	Type of Storage Tank _____
Depth to Bedrock _____	Size of Storage Tank _____
Feet of Casing _____	Water Treatment _____

Water Quality

Taste and/or odor problems? Y / N Describe _____

How long has the taste and/or odor been present? _____

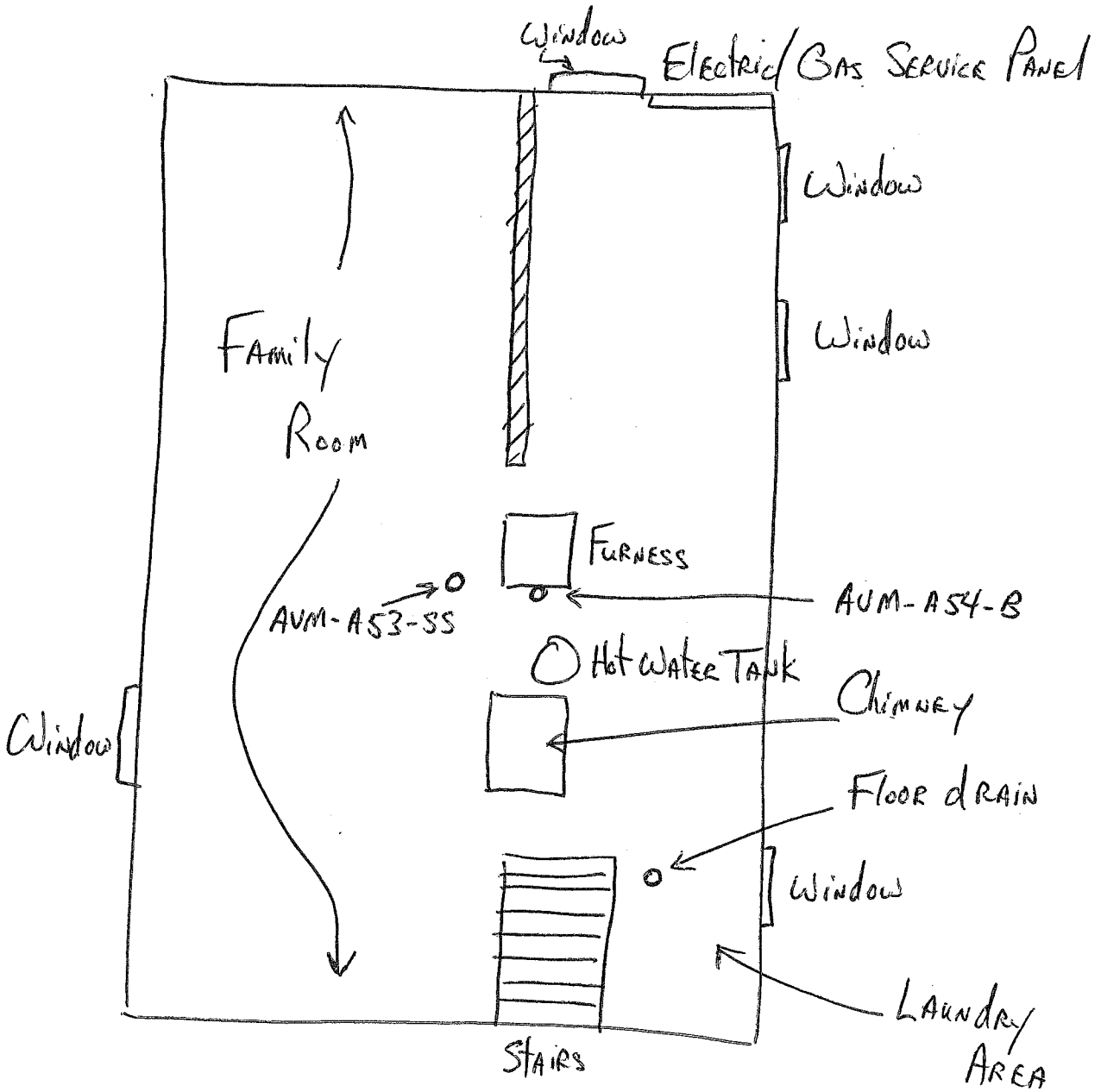
Sewage Disposal (Public) Septic Tank Leach Field Other _____

Distance from well to septic system _____ Type of septic tank additive _____

Dvirka and Bartilucci
CONSULTING ENGINEERS
A DIVISION OF WILLIAM F. COSULICH ASSOCIATES, P.C.

F. Plan View

Draw a plan view sketch for each floor of the residence and if applicable, indicate air sampling locations, possible indoor air pollution sources and PID meter readings.



G. Potential Outdoor Sources of Pollution

Draw a sketch of the area surrounding the residence being sampled. If applicable, provide information on the spill location)if known), potential sir contamination sources (industries, gas stations, repair shops, landfills, etc.), outdoor air sampling location(s) and PID meter readings. Also indicate compass direction, wind direction and speed during sampling, the locations of the well and septic system if applicable, and a qualifying statement to help locate the site on a topographical map.

Dvirka and Bartilucci
CONSULTING ENGINEERS
A DIVISION OF WILLIAM F. COSULICH ASSOCIATES, P.C.

H. Household Products Inventory

Product Description (dispenser, size, manufacturer…)	VOC ingredients	PID Reading (ppm)
1. 1 Gal. Paint Cans		
2. Spray Paint Cans		
3. Carpenter's Wood Glue		
4. Household Cleaning Products		
5. Laundry Cleaning Products		
6. Silicone Tub & Bath Chaulk		

Occupant / residence: _____

Investigator: _____ Date: _____

Dvirka and Bartilucci
CONSULTING ENGINEERS
A DIVISION OF WILLIAM F. COSULICH ASSOCIATES, P.C.

Project Name AVM Gowanda Project Number 2184

Preparer's Name Jack Kuhn Date Prepared 9/20/04

Preparer's Affiliation Dvirka & Bartilucci Consulting Engineers Phone Number 315-437-1142

I. **OCCUPANT NAME:** _____

Address _____

County: _____

Home Phone Number (716) 532-4097 Office Phone Number _____

II. **OWNER OR LANDLORD NAME:** _____
(If different from occupant)

Address: _____

Phone Number: _____

A. Building Construction Characteristics

Type (circle appropriate responses): Single-Family Multiple-Dwelling Commercial

Ranch	2-Family
Raised-Ranch	Duplex
Split-Level	Apartment House___ Units
(Colonial) Number of Floors _____	
Mobile Home	Other: specify _____

Residence Age 100 +

General Description of Building Construction Materials Wood FRAME

Is the building insulated? YES / NO How air tight is the building Attic only

B. Basement construction characteristics (circle all that apply)

1. (Full Basement) crawlspace, slab on grade, other SEE diagram
2. Basement floor: (concrete), dirt, other _____
3. Concrete floor: (unsealed), painted, covered with _____
4. Foundation walls: (poured concrete), block, (laid up stone), other _____
5. The basement is: wet, damp, (dry) Sump present? (Y) / N Water in sump? Y (N)
6. The basement is: (finished), unfinished
7. Identify potential soil vapor entry points (e.g. cracks, utility ports, etc.) SOME MINOR CRACKS in floor AND WALLS, but OVERALL CONDITION is good.
8. Describe how air tight the basement is Tight

Dvirka and Bartilucci
CONSULTING ENGINEERS
A DIVISION OF WILLIAM F. COSULICH ASSOCIATES, P.C.

C. HVAC (circle all that apply)

1. The type of heating system(s) used in this residence is/are:

Hot Air Circulation	Heat Pump	Hot Water Radiation
Unvented Kerosene Heater	Steam Radiation	Wood Stove
Electric Baseboard	Other _____	

2. The type(s) of fuel(s) used is/are:

Natural Gas	Fuel Oil	Electric
Wood	Coal	Solar
Other _____		

3. Is the heating system's power plant located in the basement or another area: _____
4. Is there air-conditioning? Y / N Central Air or Window Units
   Specify the location _____
5. Are there air distribution ducts present? Y / N
6. Describe the supply and cold air return duct work in the basement including whether there is a cold air return and the tightness of duct joints _____
   N/A

D. Potential Indoor Sources of Pollution

1. Has the house ever had a fire? Y / N
2. Is there an attached garage? Y / N
3. Is a vehicle normally parked in the garage? Y / N
4. Is there a kerosene heater present? Y / N
5. Is there a workshop, hobby or craft area in the residence? Y / N
6. An inventory of all products used or stored in the home should be performed. Any products that contain volatile organic compounds or chemicals similar to the target compounds should be listed. The attached product inventory form should be used for this purpose.
7. Is there a kitchen exhaust fan? Y / N
8. Has the house ever been fumigated? If yes, describe date, type and location of treatment.
   No

E. Water and Sewage (Circle the appropriate response)

Source of Water

Public Drilled Well Driven Well Dug Well Other _____

Water Well Specifications

Well Diameter _____	Grouted or Ungrouted _____
Well Depth _____	Type of Storage Tank _____
Depth to Bedrock _____	Size of Storage Tank _____
Feet of Casing _____	Water Treatment _____

Water Quality

Taste and/or odor problems? Y / N Describe _____

How long has the taste and/or odor been present? _____

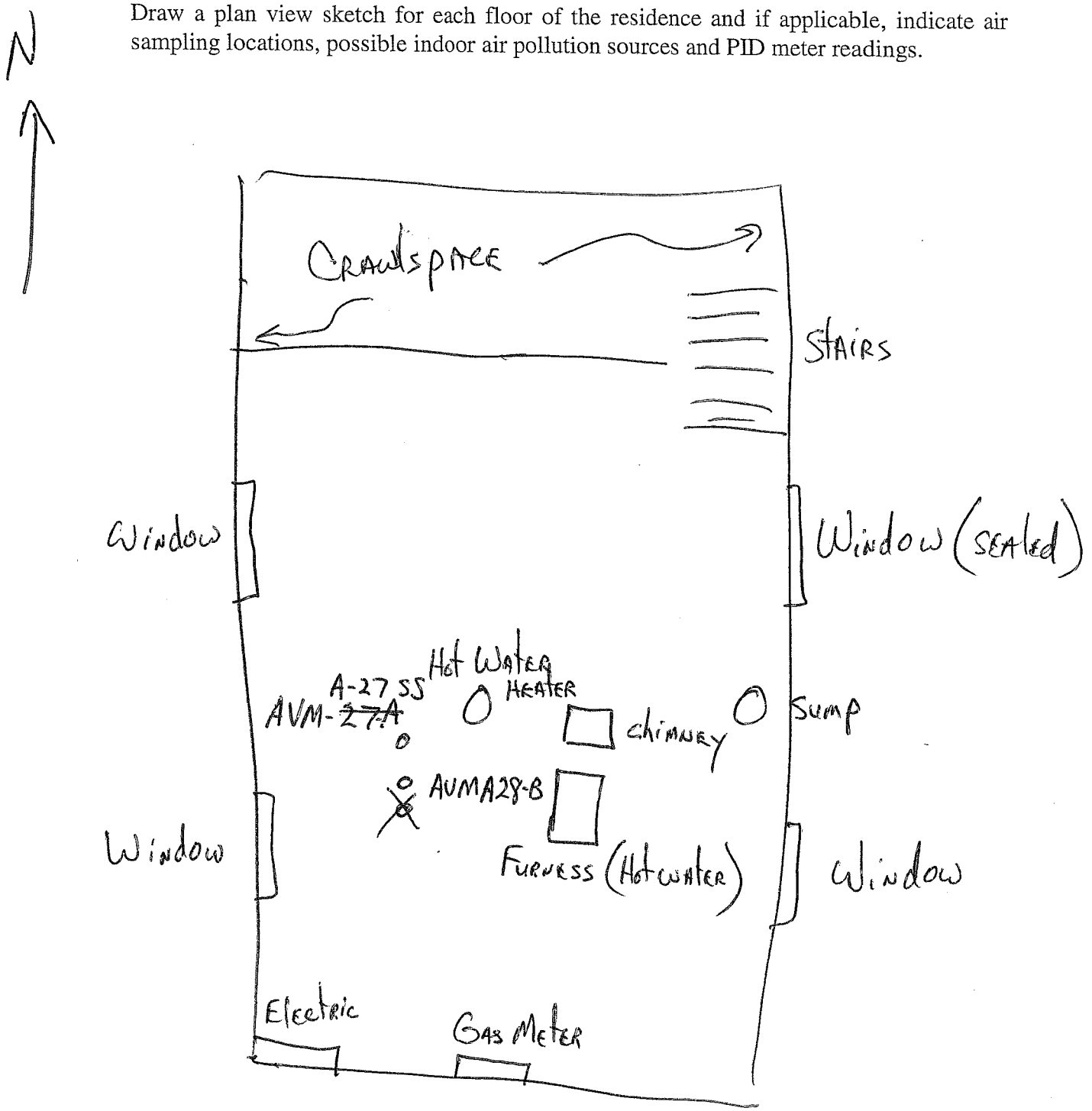
Sewage Disposal Public Septic Tank Leach Field Other _____

Distance from well to septic system _____ Type of septic tank additive _____

Dvirka and Bartilucci
CONSULTING ENGINEERS
A DIVISION OF WILLIAM F. COSULICH ASSOCIATES, P.C.

F. Plan View

Draw a plan view sketch for each floor of the residence and if applicable, indicate air sampling locations, possible indoor air pollution sources and PID meter readings.



G. Potential Outdoor Sources of Pollution

Draw a sketch of the area surrounding the residence being sampled. If applicable, provide information on the spill location)if known), potential sir contamination sources (industries, gas stations, repair shops, landfills, etc.), outdoor air sampling location(s) and PID meter readings. Also indicate compass direction, wind direction and speed during sampling, the locations of the well and septic system if applicable, and a qualifying statement to help locate the site on a topographical map.

Dvirka and Bartilucci
CONSULTING ENGINEERS
A DIVISION OF WILLIAM F. COSULICH ASSOCIATES, P.C.

H. Household Products Inventory

Product Description (dispenser, size, manufacturer…)	VOC ingredients	PID Reading (ppm)
1. 1 Gal. Paint Cans (approx. 12 cans)		
2. Car Cleaning Products		
3. Spray Paint Cans		
4. Insect Spray Killer (Wasps)		
5. General Household Cleaning Products		

Occupant / residence: _____

Investigator: _____ Date: _____

Dvirka and Bartilucci
CONSULTING ENGINEERS
A DIVISION OF WILLIAM F. COSULICH ASSOCIATES, P.C.

Project Name AVM Gowanda Project Number 2184

Preparer's Name Jack Kuhn Date Prepared 9/20/04

Preparer's Affiliation Dvirka & Bartilucci Consulting Engineers Phone Number 315-437-1142

I. **OCCUPANT NAME:** Ward; Conrad - tenant

Address: 70

County:

Home Phone Number (716) 358-5373 Office Phone Number

II. **OWNER OR LANDLORD NAME:** Gregory Washy
(If different from occupant)

Address:

Phone Number:

A. Building Construction Characteristics

Type (circle appropriate responses): Single-Family Multiple-Dwelling Commercial

Ranch	2-Family
Raised-Ranch	Duplex
Split-Level	Apartment House___ Units
Colonial: Number of Floors 2	
~~Mobile~~ Home	Other: specify

Residence Age

General Description of Building Construction Materials Wood Frame

Is the building insulated? YES / NO How air tight is the building

B. Basement construction characteristics (circle all that apply)

1. Full Basement, crawlspace, slab on grade, other Half basement / half crawlspace
2. Basement floor: concrete, dirt, other
3. Concrete floor: unsealed, painted, covered with
4. Foundation walls: poured concrete, block, laid up stone, other
5. The basement is: wet, damp, dry Sump present? Y / N Water in sump? Y / N
6. The basement is: finished, unfinished
7. Identify potential soil vapor entry points (e.g. cracks, utility ports, etc.) dirt floor
foundation walls are old but appear in good condition
8. Describe how air tight the basement is Not tight

Dvirka and Bartilucci
CONSULTING ENGINEERS
A DIVISION OF WILLIAM F. COSULICH ASSOCIATES, P.C.

C. HVAC (circle all that apply)

1. The type of heating system(s) used in this residence is/are:

Hot Air Circulation	Heat Pump	Hot Water Radiation
Unvented Kerosene Heater	Steam Radiation	Wood Stove
Electric Baseboard	Other _____	

2. The type(s) of fuel(s) used is/are:

Natural Gas	Fuel Oil	Electric
Wood	Coal	Solar
Other _____		

3. Is the heating system's power plant located in the basement or another area: _____
4. Is there air-conditioning? Y / N Central Air or Window Units
   Specify the location _____
5. Are there air distribution ducts present? Y (N)
6. Describe the supply and cold air return duct work in the basement including whether there is a cold air return and the tightness of duct joints _____

D. Potential Indoor Sources of Pollution

TENANT present - not able to ANSWER QUESTIONS
LANDLORD NOT present

1. Has the house ever had a fire? Y / N
2. Is there an attached garage? Y / N
3. Is a vehicle normally parked in the garage? Y / N
4. Is there a kerosene heater present? Y / N
5. Is there a workshop, hobby or craft area in the residence? Y / N
6. An inventory of all products used or stored in the home should be performed. Any products that contain volatile organic compounds or chemicals similar to the target compounds should be listed. The attached product inventory form should be used for this purpose.
7. Is there a kitchen exhaust fan? Y / N
8. Has the house ever been fumigated? If yes, describe date, type and location of treatment. _____

E. Water and Sewage (Circle the appropriate response)

Source of ~~Water~~

(Public) Drilled Well Driven Well Dug Well Other _____

Water Well Specifications

Well Diameter _____	Grouted or Ungrouted _____
Well Depth _____	Type of Storage Tank _____
Depth to Bedrock _____	Size of Storage Tank _____
Feet of Casing _____	Water Treatment _____

Water Quality

Taste and/or odor problems? Y / N Describe _____

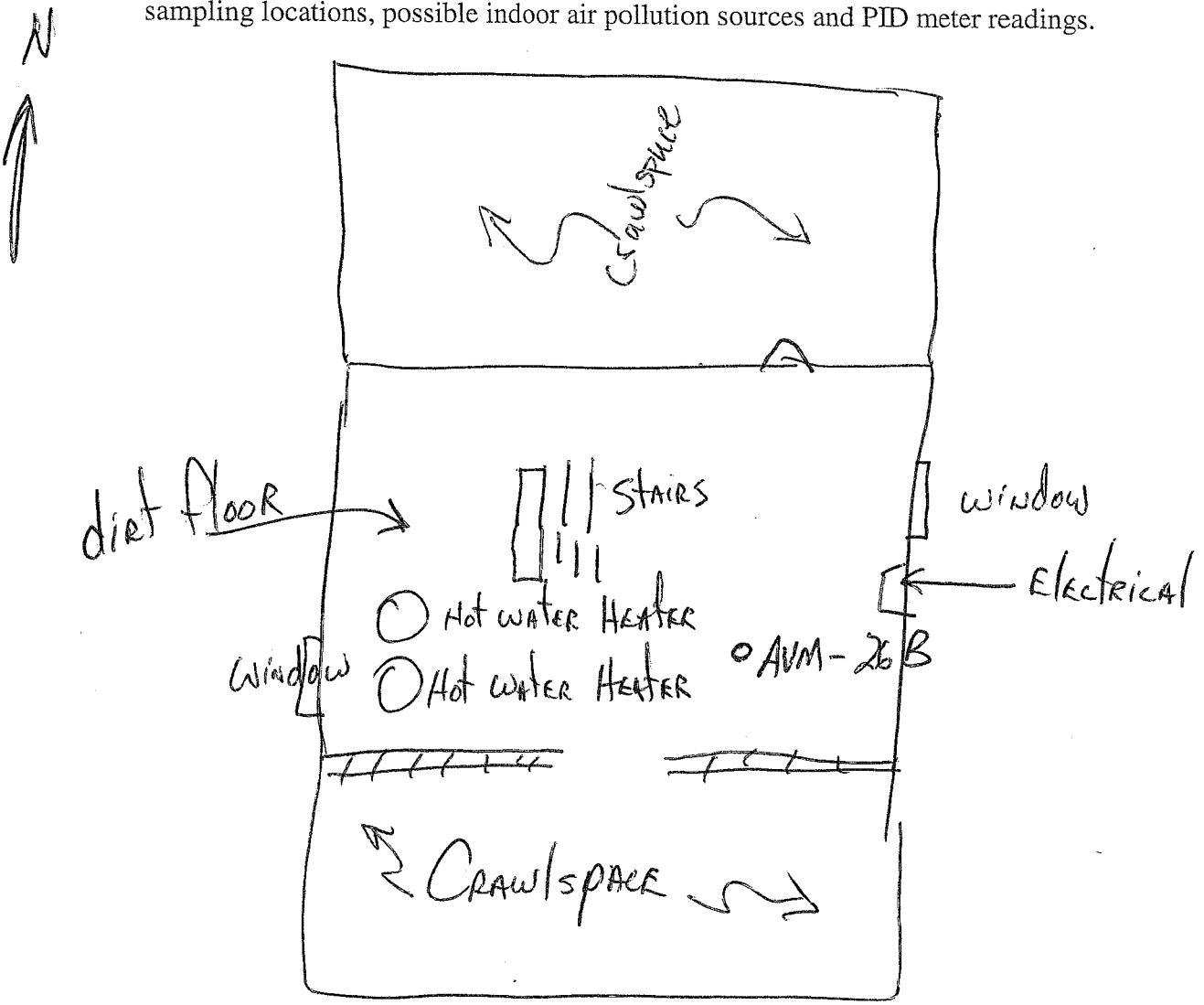
How long ~~has the~~ taste and/or odor been present? _____

Sewage Disposal (Public) Septic Tank Leach Field Other _____

Distance from ~~well to~~ septic system _____ Type of septic tank additive _____

F. Plan View

Draw a plan view sketch for each floor of the residence and if applicable, indicate air sampling locations, possible indoor air pollution sources and PID meter readings.



G. Potential Outdoor Sources of Pollution

Draw a sketch of the area surrounding the residence being sampled. If applicable, provide information on the spill location)if known), potential sir contamination sources (industries, gas stations, repair shops, landfills, etc.), outdoor air sampling location(s) and PID meter readings. Also indicate compass direction, wind direction and speed during sampling, the locations of the well and septic system if applicable, and a qualifying statement to help locate the site on a topographical map.

Dvirka and Bartilucci
CONSULTING ENGINEERS
A DIVISION OF WILLIAM F. COSULICH ASSOCIATES, P.C.

H. Household Products Inventory

Product Description (dispenser, size, manufacturer…)	VOC ingredients	PID Reading (ppm)
No products stored in basement.		

Occupant / residence: _____

Investigator: _____ Date: _____

Dvirka and Bartilucci
CONSULTING ENGINEERS
A DIVISION OF WILLIAM F. COSULICH ASSOCIATES, P.C.

Project Name AVM Gowanda Project Number 2184

Preparer's Name Jack Kuhn Date Prepared 9/20/04

Preparer's Affiliation Dvirka & Bartilucci Consulting Engineers Phone Number 315-437-1142

I. **OCCUPANT NAME:** _

Address: _ 070-1401

County: _____

Home Phone Number (716) 532-2250 Office Phone Number _____

II. **OWNER OR LANDLORD NAME:** _____
(If different from occupant)

Address: _____

Phone Number: _____

A. Building Construction Characteristics

Type (circle appropriate responses): Single-Family Multiple-Dwelling Commercial

Ranch	2-Family
Raised-Ranch	Duplex
Split-Level	Apartment House___ Units
(Colonial) Number of Floors 2	
Mobile Home	Other: specify _____

Residence Age 50 +

General Description of Building Construction Materials Wood FRAME

Is the building insulated? YES / NO How air tight is the building Attic only - Fiberglass

B. Basement construction characteristics (circle all that apply)

1. (Full Basement) crawlspace, slab on grade, other_____
2. Basement floor: (concrete) dirt, other_____
3. Concrete floor: (unsealed) painted, covered with_____
4. Foundation walls: (poured concrete) block, laid up stone, other _____
5. The basement is: wet, damp, (dry) Sump present? Y / (N) Water in sump? Y / N
6. The basement is: finished (unfinished)
7. Identify potential soil vapor entry points (e.g. cracks, utility ports, etc.) _____
   Cracks in flooring, some minor cracks in foundation walls
8. Describe how air tight the basement is fairly tight (medium)

Dvirka and Bartilucci
CONSULTING ENGINEERS
A DIVISION OF WILLIAM F. COSULICH ASSOCIATES, P.C.

C. HVAC (circle all that apply)

1. The type of heating system(s) used in this residence is/are:

(Hot Air Circulation)	Heat Pump	Hot Water Radiation
Unvented Kerosene Heater	Steam Radiation	Wood Stove
Electric Baseboard	Other _____	

2. The type(s) of fuel(s) used is/are:

(Natural Gas)	Fuel Oil	Electric
Wood	Coal	Solar
Other _____		

3. Is the heating system's power plant located in the (basement) or another area: _____
4. Is there air-conditioning? Y / (N) Central Air or Window Units
   Specify the location _____
5. Are there air distribution ducts present? (Y) / N
6. Describe the supply and cold air return duct work in the basement including whether there is a cold air return and the tightness of duct joints Duct work is in good condition And tight

D. Potential Indoor Sources of Pollution

1. Has the house ever had a fire? Y / (N)
2. Is there an attached garage? Y / (N)
3. Is a vehicle normally parked in the garage? Y / (N)
4. Is there a kerosene heater present? Y / (N)
5. Is there a workshop, hobby or craft area in the residence? Y / (N)
6. An inventory of all products used or stored in the home should be performed. Any products that contain volatile organic compounds or chemicals similar to the target compounds should be listed. The attached product inventory form should be used for this purpose.
7. Is there a kitchen exhaust fan? Y / (N)
8. Has the house ever been fumigated? If yes, describe date, type and location of treatment. No

E. Water and Sewage (Circle the appropriate response)

Source of Water

(Public) Drilled Well Driven Well Dug Well Other _____

Water Well Specifications

Well Diameter _____ Grouted or Ungrouted _____
Well Depth _____ Type of Storage Tank _____
Depth to Bedrock _____ Size of Storage Tank _____
Feet of Casing _____ Water Treatment _____

Water Quality

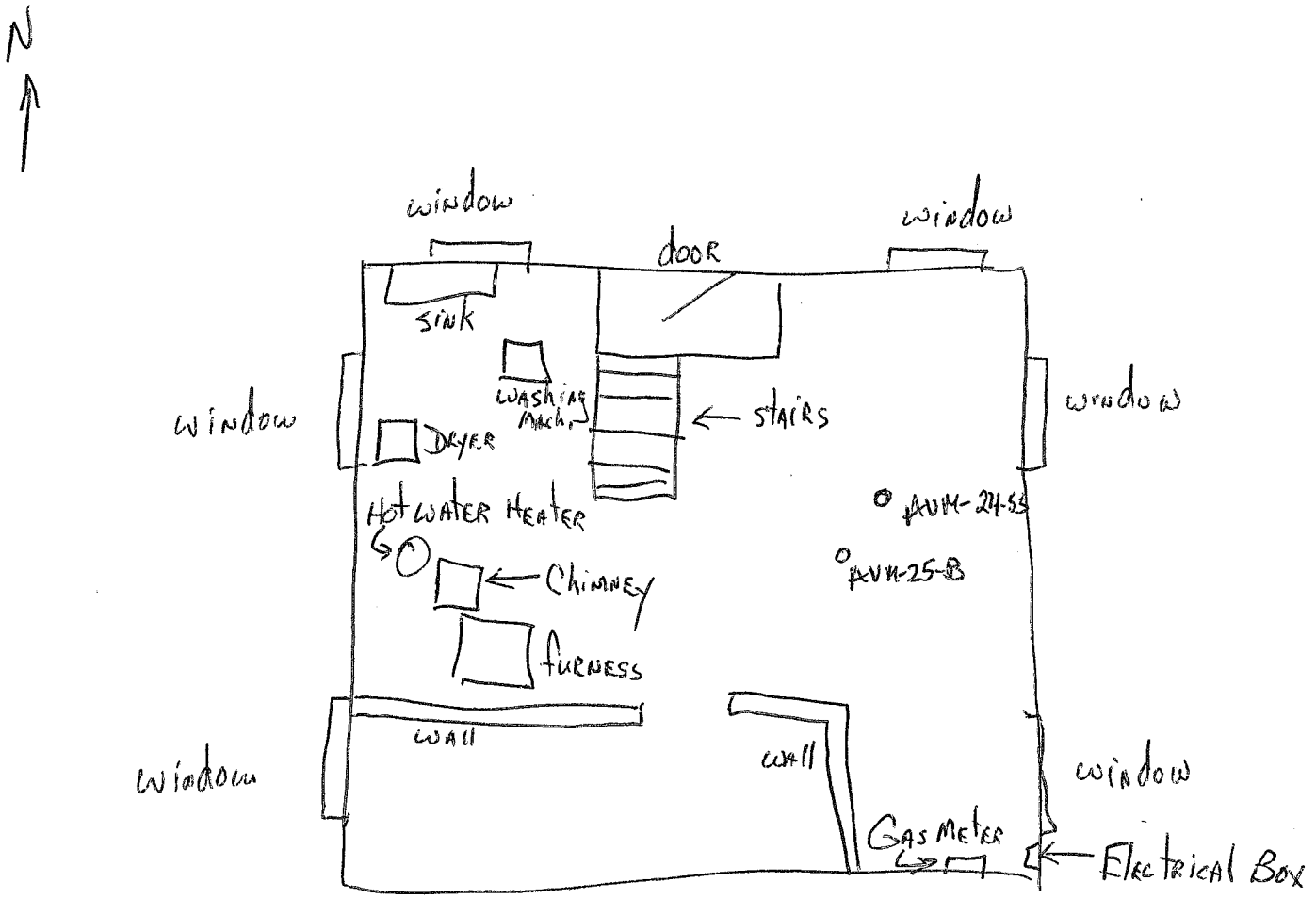
Taste and/or odor problems? Y / N Describe _____
How long has the taste and/or odor been present? _____

Sewage Disposal (Public) Septic Tank Leach Field Other _____
Distance from well to septic system _____ Type of septic tank additive _____

Dvirka and Bartilucci
CONSULTING ENGINEERS
A DIVISION OF WILLIAM F. COSULICH ASSOCIATES, P.C.

F. Plan View

Draw a plan view sketch for each floor of the residence and if applicable, indicate air sampling locations, possible indoor air pollution sources and PID meter readings.



G. Potential Outdoor Sources of Pollution

Draw a sketch of the area surrounding the residence being sampled. If applicable, provide information on the spill location)if known), potential sir contamination sources (industries, gas stations, repair shops, landfills, etc.), outdoor air sampling location(s) and PID meter readings. Also indicate compass direction, wind direction and speed during sampling, the locations of the well and septic system if applicable, and a qualifying statement to help locate the site on a topographical map.

Dvirka and Bartilucci
CONSULTING ENGINEERS
A DIVISION OF WILLIAM F. COSULICH ASSOCIATES, P.C.

H. Household Products Inventory

Product Description (dispenser, size, manufacturer…)	VOC ingredients	PID Reading (ppm)
1. Spectracide Grass & Weed Killer (1 Gal.)	3 containers	
2. Household Cleaning Products		
3. Misc. 1 Gal. Paint Cans		
4. Laundry Cleaning Products		

Occupant / residence: _____

Investigator: _____ Date: _____

Dvirka and Bartilucci
CONSULTING ENGINEERS
A DIVISION OF WILLIAM F. COSULICH ASSOCIATES, P.C.

Project Name AVM Gowanda Project Number 2184

Preparer's Name Jack Kuhn Date Prepared 9/20/04

Preparer's Affiliation Dvirka & Bartilucci Consulting Engineers Phone Number 315-437-1142

I. **OCCUPANT NAME:** _

Address:__ NY

County: __

Home Phone Number (716) 951-7191 Office Phone Number _____

II. **OWNER OR LANDLORD NAME:** _____
(If different from occupant)

Address:_____

Phone Number: _____

A. Building Construction Characteristics

Type (circle appropriate responses): Single-Family Multiple-Dwelling Commercial

Ranch	2-Family
Raised-Ranch	Duplex
Split-Level	Apartment House___ Units
(Colonial) Number of Floors _____	
Mobile Home	Other: specify _____

Residence Age_____

General Description of Building Construction Materials Wood Frame

Is the building insulated? YES / NO How air tight is the building ?

B. Basement construction characteristics (circle all that apply)

1. (Full Basement), crawlspace, slab on grade, other_____
2. Basement floor: (concrete), dirt, other_____
3. Concrete floor: (unsealed), painted, covered with _____
4. Foundation walls: (poured concrete), block, laid up stone, other _____
5. The basement is: wet, damp, (dry) Sump present? Y (N) Water in sump? Y / N
6. The basement is: finished, (unfinished)
7. Identify potential soil vapor entry points (e.g. cracks, utility ports, etc.) Minor cracks in floor; foundation walls in good condition
8. Describe how air tight the basement is tight

Dvirka and Bartilucci
CONSULTING ENGINEERS
A DIVISION OF WILLIAM F. COSULICH ASSOCIATES, P.C.

C. HVAC (circle all that apply)

1. The type of heating system(s) used in this residence is/are:

Hot Air Circulation	Heat Pump	(Hot Water Radiation)
Unvented Kerosene Heater	Steam Radiation	Wood Stove
Electric Baseboard	Other _____	

2. The type(s) of fuel(s) used is/are:

(Natural Gas)	Fuel Oil	Electric
Wood	Coal	Solar
Other _____		

3. Is the heating system's power plant located in the (basement) or another area: _____
4. Is there air-conditioning? Y / (N) Central Air or Window Units
   Specify the location _____
5. Are there air distribution ducts present? Y / (N)
6. Describe the supply and cold air return duct work in the basement including whether there is a cold air return and the tightness of duct joints N/A

D. Potential Indoor Sources of Pollution

1. Has the house ever had a fire? Y / N
2. Is there an attached garage? Y / N
3. Is a vehicle normally parked in the garage? Y / N
4. Is there a kerosene heater present? Y / N
5. Is there a workshop, hobby or craft area in the residence? Y / N
6. An inventory of all products used or stored in the home should be performed. Any products that contain volatile organic compounds or chemicals similar to the target compounds should be listed. The attached product inventory form should be used for this purpose.
7. Is there a kitchen exhaust fan? Y / N
8. Has the house ever been fumigated? If yes, describe date, type and location of treatment.

E. Water and Sewage (Circle the appropriate response)

Source of Water

(Public) Drilled Well Driven Well Dug Well Other _____

Water Well Specifications

Well Diameter _____	Grouted or Ungrouted _____
Well Depth _____	Type of Storage Tank _____
Depth to Bedrock _____	Size of Storage Tank _____
Feet of Casing _____	Water Treatment _____

Water Quality

Taste and/or odor problems? Y / N Describe _____

How long has the taste and/or odor been present? _____

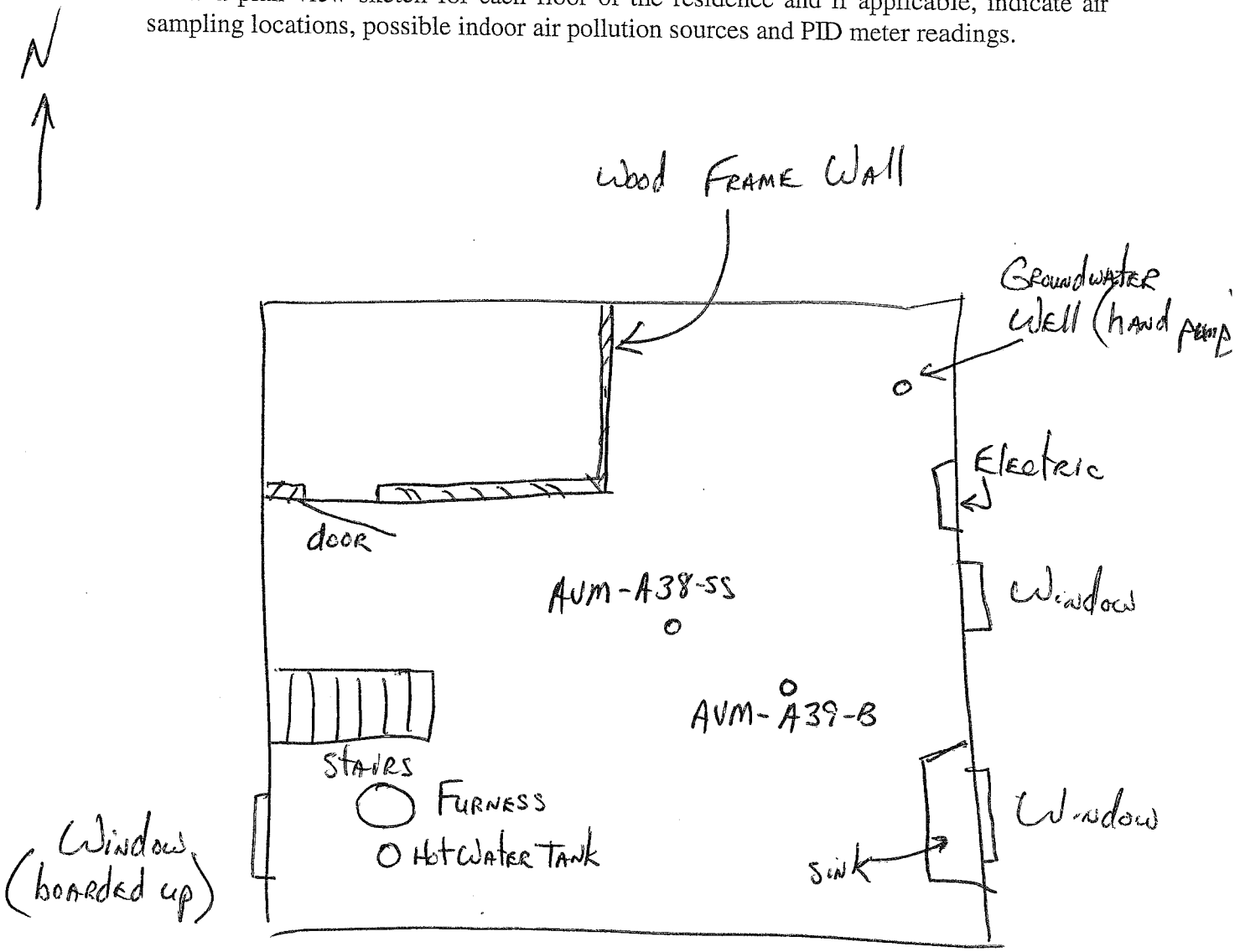
Sewage Disposal (Public) Septic Tank Leach Field Other _____

Distance from well to septic system _____ Type of septic tank additive _____

Dvirka and Bartilucci
CONSULTING ENGINEERS
A DIVISION OF WILLIAM F. COSULICH ASSOCIATES, P.C.

F. Plan View

Draw a plan view sketch for each floor of the residence and if applicable, indicate air sampling locations, possible indoor air pollution sources and PID meter readings.



G. Potential Outdoor Sources of Pollution

Draw a sketch of the area surrounding the residence being sampled. If applicable, provide information on the spill location)if known), potential sir contamination sources (industries, gas stations, repair shops, landfills, etc.), outdoor air sampling location(s) and PID meter readings. Also indicate compass direction, wind direction and speed during sampling, the locations of the well and septic system if applicable, and a qualifying statement to help locate the site on a topographical map.

Dvirka and Bartilucci
CONSULTING ENGINEERS
A DIVISION OF WILLIAM F. COSULICH ASSOCIATES, P.C.

H. Household Products Inventory

Product Description (dispenser, size, manufacturer…)	VOC ingredients	PID Reading (ppm)
No products stored in basement.		

Occupant / residence: _____

Investigator: _____ Date: _____

Dvirka and Bartilucci
CONSULTING ENGINEERS
A DIVISION OF WILLIAM F. COSULICH ASSOCIATES, P.C.

Project Name AVM Gowanda Project Number 2184

Preparer's Name Jack Kuhn Date Prepared 9/20/04

Preparer's Affiliation Dvirka & Bartilucci Consulting Engineers Phone Number 315-437-1142

I. **OCCUPANT NAME:** ~~Chestnut St. Gow.~~

Address: 1 anda, NY

County: _____

Home Phone Number _____ Office Phone Number _____

II. **OWNER OR LANDLORD NAME** _____
(If different from occupant)

Address: _____

Phone Number: ~~#~~ (716) 532-5508

A. Building Construction Characteristics

Type (circle appropriate responses): Single-Family Multiple-Dwelling Commercial

Ranch	2-Family
Raised-Ranch	Duplex
Split-Level	Apartment House___ Units
(Colonial) Number of Floors 2	
Mobile Home	Other: specify _____

Residence Age_____

General Description of Building Construction Materials Wood Frame

* Is the building insulated? YES / NO How air tight is the building_____

B. Basement construction characteristics (circle all that apply)

1. Full Basement, crawlspace, slab on grade, other Basement & Crawlspace
2. Basement floor: (concrete), (dirt), other Both
3. Concrete floor: (unsealed), painted, covered with_____
4. Foundation walls: poured concrete, (block), (laid up stone), other _____
5. The basement is: wet, damp, (dry) Sump ~~present~~? Y / N Water in sump? Y / N
6. The basement is: finished, unfinished_____
7. Identify potential soil vapor entry points (e.g. cracks, utility ports, etc.) _____
   Dirt floor, Minor cracks in walls but good condition
8. Describe how air tight the basement is Not tight due to dirt floor

* No one available to answer questionaire section.

Dvirka and Bartilucci
CONSULTING ENGINEERS
A DIVISION OF WILLIAM F. COSULICH ASSOCIATES, P.C.

C. HVAC (circle all that apply)

1. The type of heating system(s) used in this residence is/are:

Hot Air Circulation	Heat Pump	Hot Water Radiation
Unvented Kerosene Heater	Steam Radiation	Wood Stove
Electric Baseboard	Other _____	

2. The type(s) ~~of fuel(s) used~~ is/are:

Natural Gas	Fuel Oil	Electric
Wood	Coal	Solar
Other _____		

3. Is the heating system's power plant located in the basement or another area: _____
4. Is there air-conditioning? Y / N Central Air or Window Units
   Specify the location _____
5. Are there air distribution ducts present? Y / N
6. Describe the supply and cold air return duct work in the basement including whether there is a cold air return and the tightness of duct joints N/A

D. Potential Indoor Sources of Pollution

1. Has the house ever had a fire? Y / N
2. Is there an attached garage? Y / N
3. Is a vehicle normally parked in the garage? Y / N
4. Is there a kerosene heater present? Y / N
5. Is there a workshop, hobby or craft area in the residence? Y / N
6. An inventory of all products used or stored in the home should be performed. Any products that contain volatile organic compounds or chemicals similar to the target compounds should be listed. The attached product inventory form should be used for this purpose.
7. Is there a kitchen exhaust fan? Y / N
8. Has the house ever been fumigated? If yes, describe date, type and location of treatment.

E. Water and Sewage (Circle the appropriate response)

Source of ~~Water~~

Public Drilled Well Driven Well Dug Well Other _____

Water Well Specifications

Well Diameter _____	Grouted or Ungrouted _____
Well Depth _____	Type of Storage Tank _____
Depth to Bedrock _____	Size of Storage Tank _____
Feet of Casing _____	Water Treatment _____

Water Quality

Taste and/or odor problems? Y / N Describe _____

How long has the taste and/or odor been present? _____

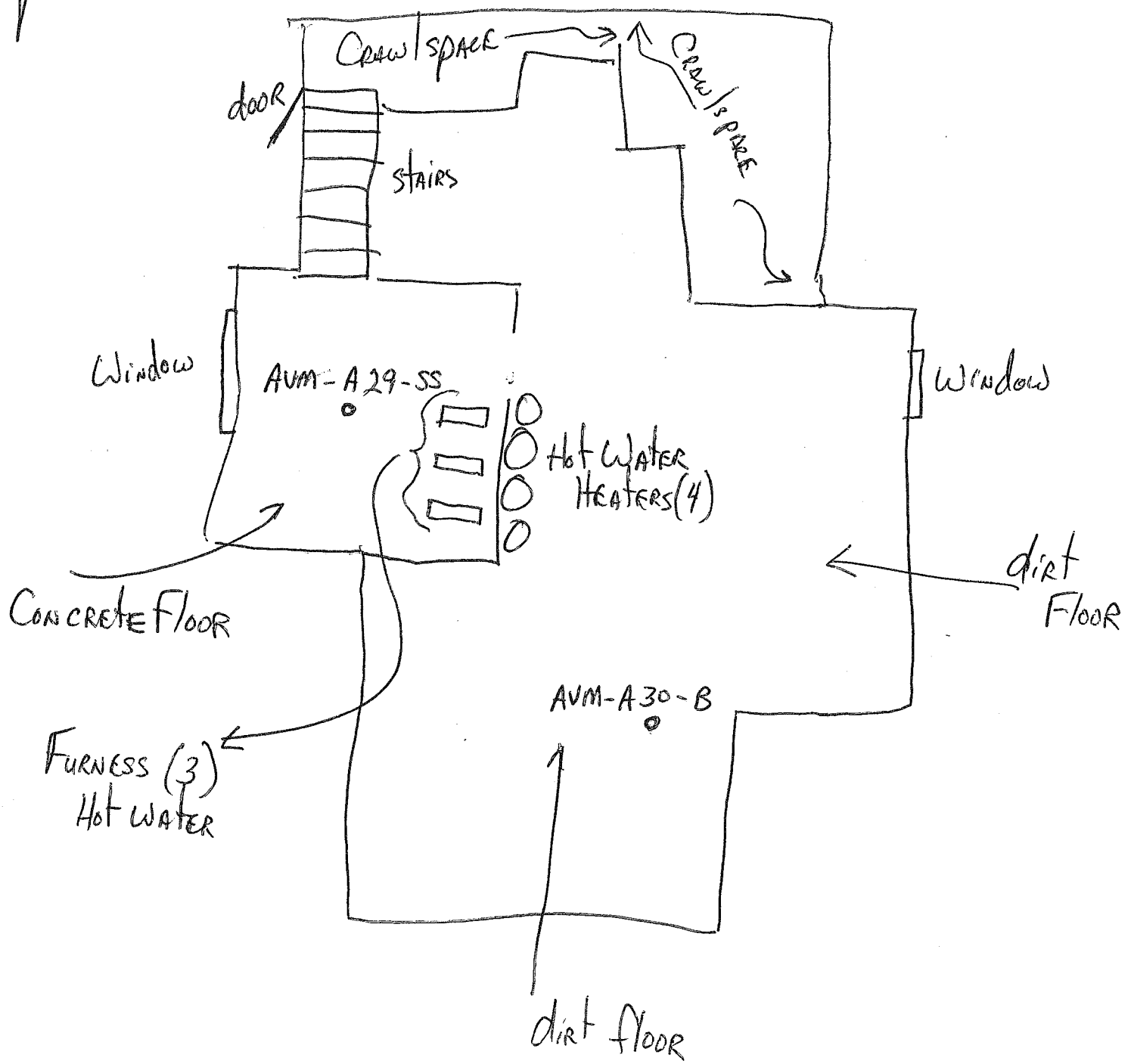
Sewage Disposal Public Septic Tank Leach Field Other _____

Distance from well to septic system _____ Type of septic tank additive _____

Dvirka and Bartilucci
CONSULTING ENGINEERS
A DIVISION OF WILLIAM F. COSULICH ASSOCIATES, P.C.

F. Plan View

Draw a plan view sketch for each floor of the residence and if applicable, indicate air sampling locations, possible indoor air pollution sources and PID meter readings.



G. Potential Outdoor Sources of Pollution

Draw a sketch of the area surrounding the residence being sampled. If applicable, provide information on the spill location)if known), potential sir contamination sources (industries, gas stations, repair shops, landfills, etc.), outdoor air sampling location(s) and PID meter readings. Also indicate compass direction, wind direction and speed during sampling, the locations of the well and septic system if applicable, and a qualifying statement to help locate the site on a topographical map.

Dvirka and Bartilucci
CONSULTING ENGINEERS
A DIVISION OF WILLIAM F. COSULICH ASSOCIATES, P.C.

H. Household Products Inventory

Product Description (dispenser, size, manufacturer…)	VOC ingredients	PID Reading (ppm)

No products in basement.

Occupant / residence: _____

Investigator: _____ Date: _____

Dvirka and Bartilucci
CONSULTING ENGINEERS
A DIVISION OF WILLIAM F. COSULICH ASSOCIATES, P.C.

Project Name AVM Gowanda Project Number 2184

Preparer's Name Jack Kuhn Date Prepared 9/20/04

Preparer's Affiliation Dvirka & Bartilucci Consulting Engineers Phone Number 315-437-1142

I. **OCCUPANT NAME:**

Address: _____ /, dA, NY

County: _____

Home Phone Number _____ Office Phone Number _____

II. **OWNER OR LANDLORD NAME:** ~ 1 J

(If different from occupant)

Address: _____

Phone Number (716)

A. Building Construction Characteristics

Type (circle appropriate responses): Single-Family Multiple-Dwelling Commercial

Ranch	2-Family
Raised-Ranch	Duplex
Split-Level	Apartment House___ Units
(Colonial) Number of Floors 2	
Mobile Home	Other: specify _____

Residence Age _____

General Description of Building Construction Materials Wood Frame

Is the building insulated? YES / NO How air tight is the building _____

B. Basement construction characteristics (circle all that apply)

1. (Full Basement) crawlspace, slab on grade, other _____
2. Basement floor: (concrete) dirt, other _____
3. Concrete floor: (unsealed) painted, covered with _____
4. Foundation walls: poured concrete, block, (laid up stone) other _____
5. The basement is: wet, damp, (dry) Sump present? Y (N) Water in sump? Y / N
6. The basement is: finished, (unfinished)
7. Identify potential soil vapor entry points (e.g. cracks, utility ports, etc.) Cracks in concrete floor; foundation walls in good condition
8. Describe how air tight the basement is _____

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A DIVISION OF WILLIAM F. COSULICH ASSOCIATES, P.C.

C. HVAC (circle all that apply)

1. The type of heating system(s) used in this residence is/are:

Hot Air Circulation	Heat Pump	Hot Water Radiation
Unvented Kerosene Heater	Steam Radiation	Wood Stove
Electric Baseboard	Other _____	

2. The type(s) ~~of fuel(s)~~ used is/are:

Natural Gas	Fuel Oil	Electric
Wood	Coal	Solar
Other _____		

3. Is the heating system's power plant located in the basement or another area: _____
4. Is there air-conditioning? Y (N) Central Air or Window Units
   Specify the location _____
5. Are there air distribution ducts present? Y (N)
6. Describe the supply and cold air return duct work in the basement including whether there is a cold air return and the tightness of duct joints N/A

D. Potential Indoor Sources of Pollution

1. Has the house ever had a fire? Y / N
2. Is there an attached garage? Y / N
3. Is a vehicle normally parked in the garage? Y / N
4. Is there a kerosene heater present? Y / N
5. Is there a workshop, hobby or craft area in the residence? Y / N
6. An inventory of all products used or stored in the home should be performed. Any products that contain volatile organic compounds or chemicals similar to the target compounds should be listed. The attached product inventory form should be used for this purpose.
7. Is there a kitchen exhaust fan? Y / N
8. Has the house ever been fumigated? If yes, describe date, type and location of treatment.

E. Water and Sewage (Circle the appropriate response)

Source of ~~Water~~

(Public) Drilled Well Driven Well Dug Well Other _____

Water Well Specifications

Well Diameter _____	Grouted or Ungrouted _____
Well Depth _____	Type of Storage Tank _____
Depth to Bedrock _____	Size of Storage Tank _____
Feet of Casing _____	Water Treatment _____

Water Quality

Taste and/or odor problems? Y / N Describe _____

How long ~~has the taste~~ and/or odor been present? _____

Sewage Disposal (Public) Septic Tank Leach Field Other _____

Distance from well to septic system _____ Type of septic tank additive _____

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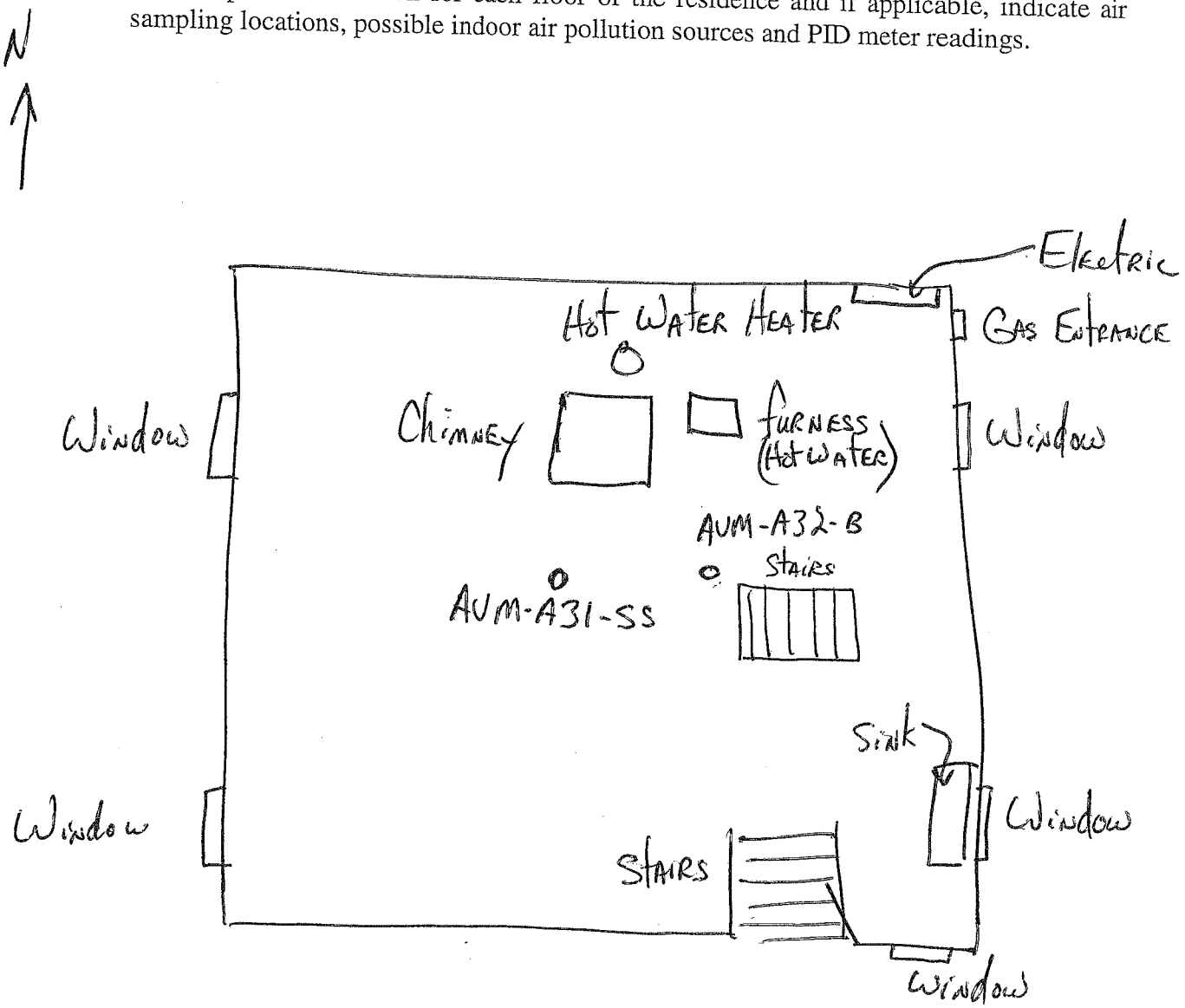
A DIVISION OF WILLIAM F. COSULICH ASSOCIATES, P.C.

F. Plan View

Draw a plan view sketch for each floor of the residence and if applicable, indicate air sampling locations, possible indoor air pollution sources and PID meter readings.



G. Potential Outdoor Sources of Pollution

Draw a sketch of the area surrounding the residence being sampled. If applicable, provide information on the spill location)if known), potential sir contamination sources (industries, gas stations, repair shops, landfills, etc.), outdoor air sampling location(s) and PID meter readings. Also indicate compass direction, wind direction and speed during sampling, the locations of the well and septic system if applicable, and a qualifying statement to help locate the site on a topographical map.

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A DIVISION OF WILLIAM F. COSULICH ASSOCIATES, P.C.

H. Household Products Inventory

Product Description (dispenser, size, manufacturer…)	VOC ingredients	PID Reading (ppm)
1. Laundry Detergents (No others)		

Occupant / residence: _____

Investigator: _____ Date: _____

Dvirka and Bartilucci
CONSULTING ENGINEERS
A DIVISION OF WILLIAM F. COSULICH ASSOCIATES, P.C.

Project Name AVM Gowanda Project Number 2184

Preparer's Name S. Pepling Date Prepared 4/7/04

Preparer's Affiliation Dvirka & Bartilucci Consulting Engineers Phone Number 315-437-1142

I. **OCCUPANT NAME:** _____

Address: _____ _____

County: _____

Home Phone Number _____ Office Phone Number out of work on disability

II. **OWNER OR LANDLORD NAME:** _____
(If different from occupant) Same

Address: _____

Phone Number: _____

A. Building Construction Characteristics

Type (circle appropriate responses): Single-Family Multiple-Dwelling Commercial

Ranch	2-Family
Raised-Ranch	Duplex
Split-Level	Apartment House___ Units
(Colonial) Number of Floors 2	
Mobile Home	Other: specify _____

Residence Age_____

General Description of Building Construction Materials Wood

Is the building insulated? YES / NO How air tight is the building Unknown

B. Basement construction characteristics (circle all that apply)

1. (Full Basement), crawlspace, slab on grade, other_____
2. Basement floor: (concrete), dirt, other mostly dirt, some concrete
3. Concrete floor: (unsealed), painted, covered with_____
4. Foundation walls: poured concrete, block, laid up stone, other _____
5. The basement is: (wet), (damp), (dry)____ Sump present? Y / N Water in sump? Y / N
6. The basement is: finished (unfinished)
7. Identify potential soil vapor entry points (e.g. cracks, utility ports, etc.) _____
8. Describe how air tight the basement is not tight

Dvirka and Bartilucci
CONSULTING ENGINEERS
A DIVISION OF WILLIAM F. COSULICH ASSOCIATES, P.C.

C. HVAC (circle all that apply)

1. The type of heating system(s) used in this residence is/are:

Hot Air Circulation	Heat Pump	(Hot Water Radiation)
Unvented Kerosene Heater	Steam Radiation	Wood Stove
Electric Baseboard	Other _____	

2. The type(s) of fuel(s) used is/are:

(Natural Gas)	Fuel Oil	Electric
Wood	Coal	Solar
Other _____		

3. Is the heating system's power plant located in the basement or another area: basement
4. Is there air-conditioning? Y / (N) Central Air or Window Units
   Specify the location _____
5. Are there air distribution ducts present? Y / (N)
6. Describe the supply and cold air return duct work in the basement including whether there is a cold air return and the tightness of duct joints _____

D. Potential Indoor Sources of Pollution

1. Has the house ever had a fire? Y / N - unknown
2. Is there an attached garage? Y / (N)
3. Is a vehicle normally parked in the garage? Y / N - NA
4. Is there a kerosene heater present? Y / (N)
5. Is there a workshop, hobby or craft area in the residence? Y / (N) - although owner is doing house improvement
6. An inventory of all products used or stored in the home should be performed. Any products that contain volatile organic compounds or chemicals similar to the target compounds should be listed. The attached product inventory form should be used for this purpose.
7. Is there a kitchen exhaust fan? Y / (N)
8. Has the house ever been fumigated? If yes, describe date, type and location of treatment. confidential

E. Water and Sewage (Circle the appropriate response)

Source of ~~Water~~

(Public) Drilled Well Driven Well Dug Well Other _____

Water Well Specifications

Well Diameter _____	Grouted or Ungrouted _____
Well Depth _____	Type of Storage Tank _____
Depth to Bedrock _____	Size of Storage Tank _____
Feet of Casing _____	Water Treatment _____

Water Quality

Taste and/or odor problems? Y / N Describe _____

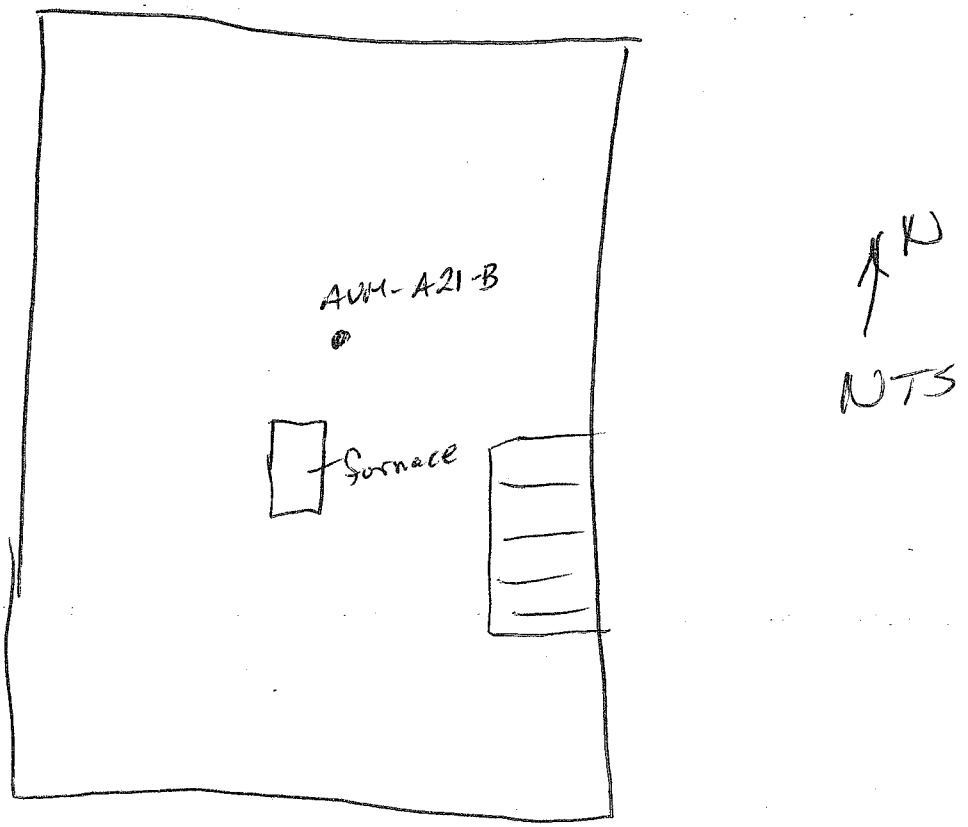
How long has the taste and/or odor been present? _____

Sewage Disposal (Public) Septic Tank Leach Field Other _____

Distance from well to septic system _____ Type of septic tank additive _____

F. Plan View

Draw a plan view sketch for each floor of the residence and if applicable, indicate air sampling locations, possible indoor air pollution sources and PID meter readings.



Chestnut

G. Potential Outdoor Sources of Pollution

Draw a sketch of the area surrounding the residence being sampled. If applicable, provide information on the spill location)if known), potential sir contamination sources (industries, gas stations, repair shops, landfills, etc.), outdoor air sampling location(s) and PID meter readings. Also indicate compass direction, wind direction and speed during sampling, the locations of the well and septic system if applicable, and a qualifying statement to help locate the site on a topographical map.

N/A

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H. Household Products Inventory

Product Description (dispenser, size, manufacturer…)	VOC ingredients	PID Reading (ppm)
Basement empty		

Occupant / residence: _____

Investigator: _____ Date: 4/7/04

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CONSULTING ENGINEERS
A DIVISION OF WILLIAM F. COSULICH ASSOCIATES, P.C.

Project Name AVM Gowanda Project Number 2184

Preparer's Name Jack Kuhn Date Prepared 4/5/04

Preparer's Affiliation Dvirka & Bartilucci Consulting Engineers Phone Number 315-437-1142

I. **OCCUPANT NAME:** _____

Address: _____

County: C

Home Phone Number (716/652 2367 Office Phone Number _____

II. **OWNER OR LANDLORD NAME:** SAME AS ABOVE
(If different from occupant)

Address: _____

Phone Number: _____

A. Building Construction Characteristics

Type (circle appropriate responses): Single-Family Multiple-Dwelling Commercial

Ranch	2-Family
Raised-Ranch	Duplex
Split-Level	Apartment House___ Units
Colonial: Number of Floors 2	
Mobile Home	Other: specify _____

Residence Age 7100 yr

General Description of Building Construction Materials Wood Frame, Wood Siding

Is the building insulated? YES / NO How air tight is the building unknown

B. Basement construction characteristics (circle all that apply)

1. (Full Basement), crawlspace, slab on grade, other_____
2. Basement floor (concrete), dirt, other_____
3. Concrete floor (unsealed), painted, covered with_____
4. Foundation walls: poured concrete, block, (laid up stone), other _____
5. The basement is (wet), damp, dry Mud Sump present? Y (N) Water in sump? Y / N
6. The basement is: finished, (unfinished)
7. Identify potential soil vapor entry points (e.g. cracks, utility ports, etc.) Slight cracks in foundation, cracks in floor
8. Describe how air tight the basement is Not real tight

Badurek

Dvirka and Bartilucci
CONSULTING ENGINEERS
A DIVISION OF WILLIAM F. COSULICH ASSOCIATES, P.C.

C. HVAC (circle all that apply)

1. The type of heating system(s) used in this residence is/are:

(Hot Air Circulation)	Heat Pump	Hot Water Radiation
Unvented Kerosene Heater	Steam Radiation	Wood Stove
Electric Baseboard	Other _____	

2. The type(s) of fuel(s) used is/are:

(Natural Gas)	Fuel Oil	Electric
Wood	Coal	Solar
Other _____		

3. Is the heating system's power plant located in the basement or another area: BASEMENT
4. Is there air-conditioning? Y / (N) Central Air or Window Units
   Specify the location _____
5. Are there air distribution ducts present? (Y) / N
6. Describe the supply and cold air return duct work in the basement including whether there is a cold air return and the tightness of duct joints Air distribution ducts are piked together w/ sheet metal screws but not taped, joints fit together but are not air tight; cold air return at furnace no duct work

D. Potential Indoor Sources of Pollution

1. Has the house ever had a fire? Y / (N) - Owner states neighbor said there was during previous owners
2. Is there an attached garage? Y / (N)
3. Is a vehicle normally parked in the garage? Y / N
4. Is there a kerosene heater present? Y / (N)
5. Is there a workshop, hobby or craft area in the residence? Y / (N)
6. BASEMENT only An inventory of all products used or stored in the home should be performed. Any products that contain volatile organic compounds or chemicals similar to the target compounds should be listed. The attached product inventory form should be used for this purpose.
7. Is there a kitchen exhaust fan? Y / (N)
8. Has the house ever been fumigated? If yes, describe date, type and location of treatment.
   NO

E. Water and Sewage (Circle the appropriate response)

Source of Water

(Public) Drilled Well Driven Well Dug Well Other _____

Water Well Specifications

Well Diameter _____	Grouted or Ungrouted _____
Well Depth _____	Type of Storage Tank _____
Depth to Bedrock _____	Size of Storage Tank _____
Feet of Casing _____	Water Treatment _____

Water Quality

Taste and/or odor problems? Y / N Describe _____

How long has the taste and/or odor been present? _____

Sewage Disposal (Public) Septic Tank Leach Field Other _____

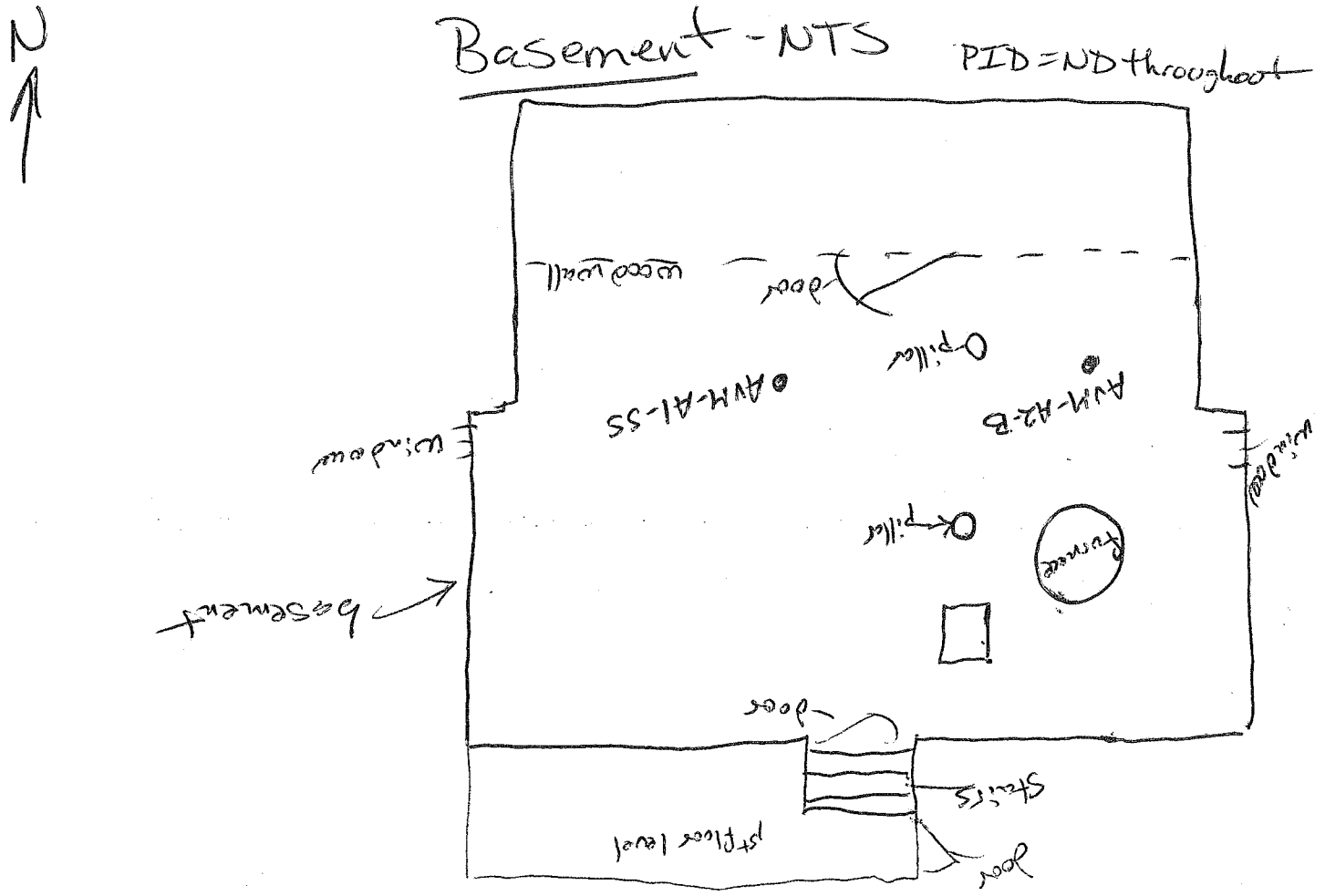
Distance from well to septic system _____ Type of septic tank additive _____

Badurek

Dvirka and Bartilucci
CONSULTING ENGINEERS
A DIVISION OF WILLIAM F. COSULICH ASSOCIATES, P.C.

F. Plan View

Draw a plan view sketch for each floor of the residence and if applicable, indicate air sampling locations, possible indoor air pollution sources and PID meter readings.



Baderuk

G. Potential Outdoor Sources of Pollution

Draw a sketch of the area surrounding the residence being sampled. If applicable, provide information on the spill location)if known), potential sir contamination sources (industries, gas stations, repair shops, landfills, etc.), outdoor air sampling location(s) and PID meter readings. Also indicate compass direction, wind direction and speed during sampling, the locations of the well and septic system if applicable, and a qualifying statement to help locate the site on a topographical map.

N/A

Badwrek

Dvirka and Bartilucci
CONSULTING ENGINEERS
A DIVISION OF WILLIAM F. COSULICH ASSOCIATES, P.C.

H. Household Products Inventory

	Product Description (dispenser, size, manufacturer…)	VOC ingredients	PID Reading (ppm)
1.	McCloskey Quick Sand Wood Lightner & Primer 1 Qt	Aliphatic & Aromatic Hydrocarbons 41.6%	All containers closed NO PID READING IN AREA (PID READINGS indicated non-detectable READINGS)
2.	Illinois Bronz Spray Paint 10 oz.	Petroleum distillates	
3.	Spray Enamel 11 oz	not listed	
4.	Varnish/shelac pint	"	
5.	Wood Stain ½ pint (3 cans)	"	
6.	Glazing Compound ½ pint	"	
7.	Wood Stain 16 oz	Mineral Spirits	
8.	Enamel Paint 2 oz	not listed	
9.	Varnish ½ pint	not listed	
10.	Plastic Roof Cement	not listed	
11.	Armstrong Emulsion S-160	Not listed	
12	Paint Cans 1 Gal. 1 Qt. (9 cans)	Not listed	
13	Paint Thinner 1 Gal. (1 can)	Not listed	

Occupant / residence: _____

Investigator: _____ Date: 4/5/04

Baderuk

Dvirka and Bartilucci
CONSULTING ENGINEERS
A DIVISION OF WILLIAM F. COSULICH ASSOCIATES, P.C.

Project Name AVM Gowanda Project Number 2184

Preparer's Name Jack Kuhn Date Prepared 4/7/04

Preparer's Affiliation Dvirka & Bartilucci Consulting Engineers Phone Number 315-437-1142

I. **OCCUP**

Address: 9

County: C

Home Phone Number [illegible] Office Phone Number

II. **OWNER OR LANDLORD NAME:** SAME AS ABOVE
(If different from occupant)
Address:

Phone Number:

A. Building Construction Characteristics

Type (circle appropriate responses): Single-Family Multiple-Dwelling Commercial

Ranch	2-Family
Raised-Ranch	Duplex
Split-Level	Apartment House___ Units
(Colonial) Number of Floors 2	
Mobile Home	Other: specify

1900 Residence Age

General Description of Building Construction Materials Wood Frame

Is the building insulated? (YES) / NO How air tight is the building Very Little - some

B. Basement construction characteristics (circle all that apply)

1. (Full Basement,) crawlspace, slab on grade, other
2. Basement floor: (concrete,) dirt, other
3. Concrete floor: unsealed (painted,) covered with
4. Foundation walls: poured concrete, block, (laid up stone) other
5. The basement is: wet, damp, (dry) Sump present? Y (N) Water in sump? Y / N
6. The basement is: finished, (unfinished)
7. Identify potential soil vapor entry points (e.g. cracks, utility ports, etc.) Foundation is in good shape, NO CRACKS observed. Concrete floor is in good shape w/ minor cracking ie. spider cracks
8. Describe how air tight the basement is Tight - basement is dry

Brogan

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A DIVISION OF WILLIAM F. COSULICH ASSOCIATES, P.C.

C. HVAC (circle all that apply)

1. The type of heating system(s) used in this residence is/are:

(Hot Air Circulation)	Heat Pump	Hot Water Radiation
Unvented Kerosene Heater	Steam Radiation	Wood Stove
Electric Baseboard	Other _____	

2. The type(s) of fuel(s) used is/are:

(Natural Gas)	Fuel Oil	Electric
Wood	Coal	Solar
Other _____		

3. Is the heating system's power plant located in the basement or another area: basement
4. Is there air-conditioning? Y (N) Central Air or Window Units
   Specify the location _____
5. Are there air distribution ducts present? (Y) / N
6. Describe the supply and cold air return duct work in the basement including whether there is a cold air return and the tightness of duct joints Ducts are in good condition and fit together well (appear new). Sections are connected w/ sheet metal screws, but no duct tape.

D. Potential Indoor Sources of Pollution

1. Has the house ever had a fire? Y (N)
2. Is there an attached garage? Y (N)
3. Is a vehicle normally parked in the garage? Y (N)
4. Is there a kerosene heater present? Y (N)
5. Is there a workshop, hobby or craft area in the residence? Y (N)
6. An inventory of all products used or stored in the home should be performed. Any products that contain volatile organic compounds or chemicals similar to the target compounds should be listed. The attached product inventory form should be used for this purpose.
7. Is there a kitchen exhaust fan? Y (N)
8. Has the house ever been fumigated? If yes, describe date, type and location of treatment. No

E. Water and Sewage (Circle the appropriate response)

Source of Water

(Public) Drilled Well Driven Well Dug Well Other _____

Water Well Specifications

Well Diameter _____ Grouted or Ungrouted _____
Well Depth _____ Type of Storage Tank _____
Depth to Bedrock _____ Size of Storage Tank _____
Feet of Casing _____ Water Treatment _____

Water Quality

Taste and/or odor problems? Y (N) Describe public
How long has the taste and/or odor been present? _____

Sewage Disposal (Public) Septic Tank Leach Field Other _____
Distance from well to septic system _____ Type of septic tank additive _____

Brogan

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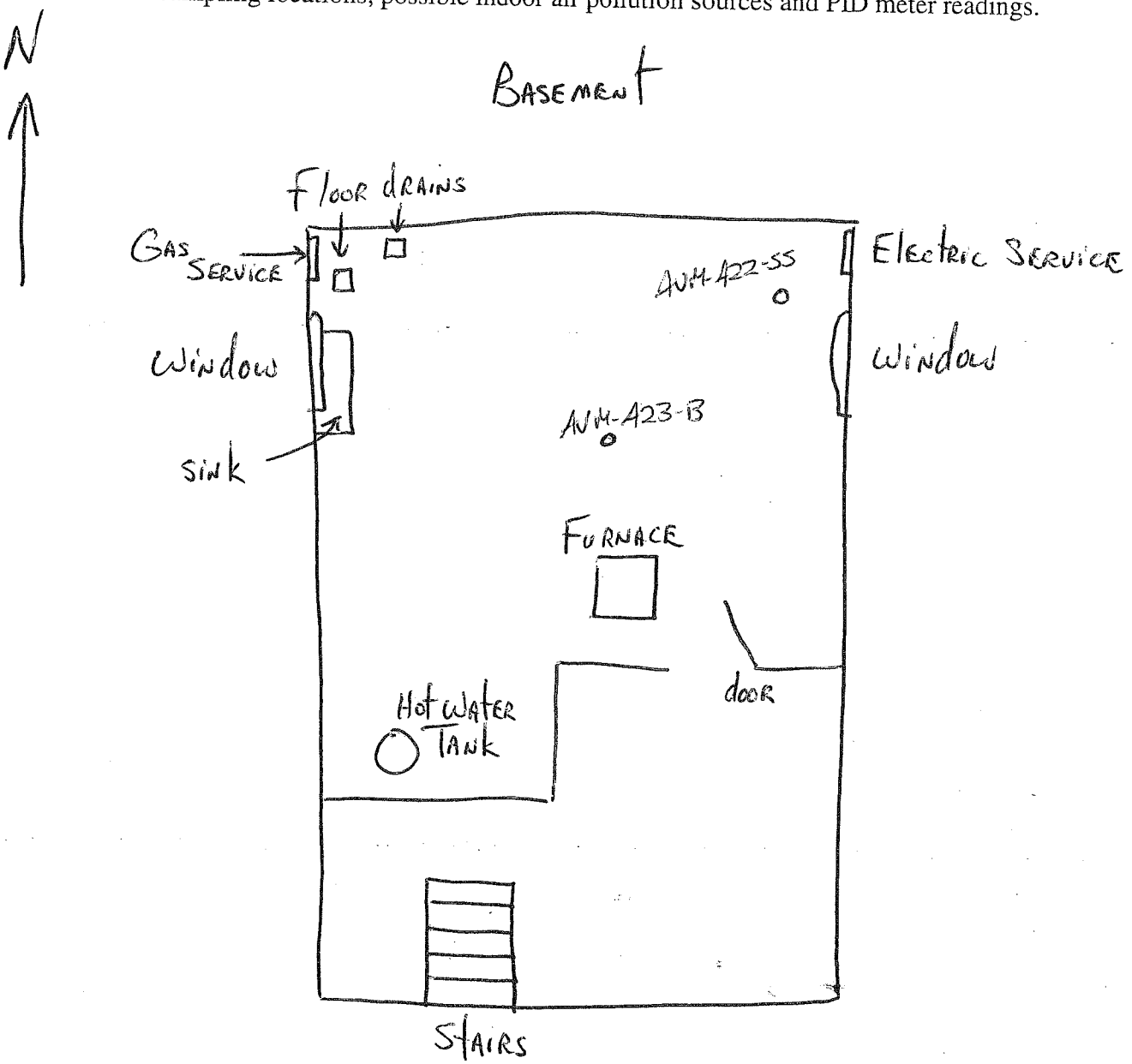
A DIVISION OF WILLIAM F. COSULICH ASSOCIATES, P.C.

F. Plan View

Draw a plan view sketch for each floor of the residence and if applicable, indicate air sampling locations, possible indoor air pollution sources and PID meter readings.



G. Potential Outdoor Sources of Pollution

Draw a sketch of the area surrounding the residence being sampled. If applicable, provide information on the spill location)if known), potential sir contamination sources (industries, gas stations, repair shops, landfills, etc.), outdoor air sampling location(s) and PID meter readings. Also indicate compass direction, wind direction and speed during sampling, the locations of the well and septic system if applicable, and a qualifying statement to help locate the site on a topographical map.

N/A

Brogan

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H. Household Products Inventory

Product Description (dispenser, size, manufacturer…)	VOC ingredients	PID Reading (ppm)
1. Parks Linseed Oil (1 can 1 Gal.		
2. LDS Instant Contact Cleaner 1 can - spray 12 oz.		
3. 1 Gal. Container - Root Destroyer		

Occupant / residence: _____

Investigator: J. Kuhn Date: 4/7/04

Brogan

Dvirka and Bartilucci
CONSULTING ENGINEERS
A DIVISION OF WILLIAM F. COSULICH ASSOCIATES, P.C.

Project Name AVM Gowanda Project Number 2184

Preparer's Name Jack Kuhn Date Prepared 4/6/04

Preparer's Affiliation Dvirka & Bartilucci Consulting Engineers Phone Number 315-437-1142

I. OCCUPANT NAME: [illegible] (OWNER) RENTAL PROPERTY - NO occupants

Address: [illegible]

County: [illegible]

Home Phone Number (716) 532-2271 Office Phone Number

II. OWNER OR LANDLORD NAME: [illegible] alka
(If different from occupant)

Address:

Phone Number: (716) 532-2271

A. Building Construction Characteristics

Type (circle appropriate responses): Single-Family Multiple-Dwelling Commercial

Ranch	2-Family
Raised-Ranch	Duplex
Split-Level	Apartment House___ Units
Colonial: Number of Floors ____	
Mobile Home	Other: specify Cape

Residence Age 70+

General Description of Building Construction Materials Wood FRAME

Is the building insulated? YES / NO How air tight is the building

B. Basement construction characteristics (circle all that apply)

1. Full Basement, crawlspace, slab on grade, other 1/2 BASEMENT
2. Basement floor: concrete, dirt, other
3. Concrete floor: unsealed, painted, covered with
4. Foundation walls: poured concrete, block, laid up stone, other brick ?
5. The basement is: wet, damp, dry Sump present? Y / N Water in sump? Y / N
6. The basement is: finished, unfinished
7. Identify potential soil vapor entry points (e.g. cracks, utility ports, etc.) FOUNDATION WALLS ARE IN POOR CONDITION; CRACKS, HOLES, PART OF WALL IS CRUMBLING (WEST SIDE)
8. Describe how air tight the basement is Not tight

Kobiolka

Dvirka and Bartilucci
CONSULTING ENGINEERS
A DIVISION OF WILLIAM F. COSULICH ASSOCIATES, P.C.

C. HVAC (circle all that apply)

1. The type of heating system(s) used in this residence is/are:

(Hot Air Circulation)	Heat Pump	Hot Water Radiation
Unvented Kerosene Heater	Steam Radiation	Wood Stove
Electric Baseboard	Other _____	

2. The type(s) of fuel(s) used is/are:

(Natural Gas)	Fuel Oil	Electric
Wood	Coal	Solar
Other _____		

3. Is the heating system's power plant located in the basement or another area: BASEMENT
4. Is there air-conditioning? Y / (N) Central Air or Window Units
   Specify the location _____
5. Are there air distribution ducts present? (Y) / N
6. Describe the supply and cold air return duct work in the basement including whether there is a cold air return and the tightness of duct joints Ducts are in good shape and fit together well. Sections are connected w/ sheet metal screws; no duct tape.

D. Potential Indoor Sources of Pollution

1. Has the house ever had a fire? Y / (N)
2. Is there an attached garage? Y / (N)
3. Is a vehicle normally parked in the garage? Y / (N)
4. Is there a kerosene heater present? Y / (N)
5. Is there a workshop, hobby or craft area in the residence? Y / (N)
6. An inventory of all products used or stored in the home should be performed. Any products that contain volatile organic compounds or chemicals similar to the target compounds should be listed. The attached product inventory form should be used for this purpose. No products observed in basement.
7. Is there a kitchen exhaust fan? Y / (N)
8. Has the house ever been fumigated? If yes, describe date, type and location of treatment. No

E. Water and Sewage (Circle the appropriate response)

Source of Water

(Public) Drilled Well Driven Well Dug Well Other _____

Water Well Specifications

Well Diameter _____ Grouted or Ungrouted _____
Well Depth _____ Type of Storage Tank _____
Depth to Bedrock _____ Size of Storage Tank _____
Feet of Casing _____ Water Treatment _____

Water Quality

Taste and/or odor problems? Y / (N) Describe _____
How long has the taste and/or odor been present? _____

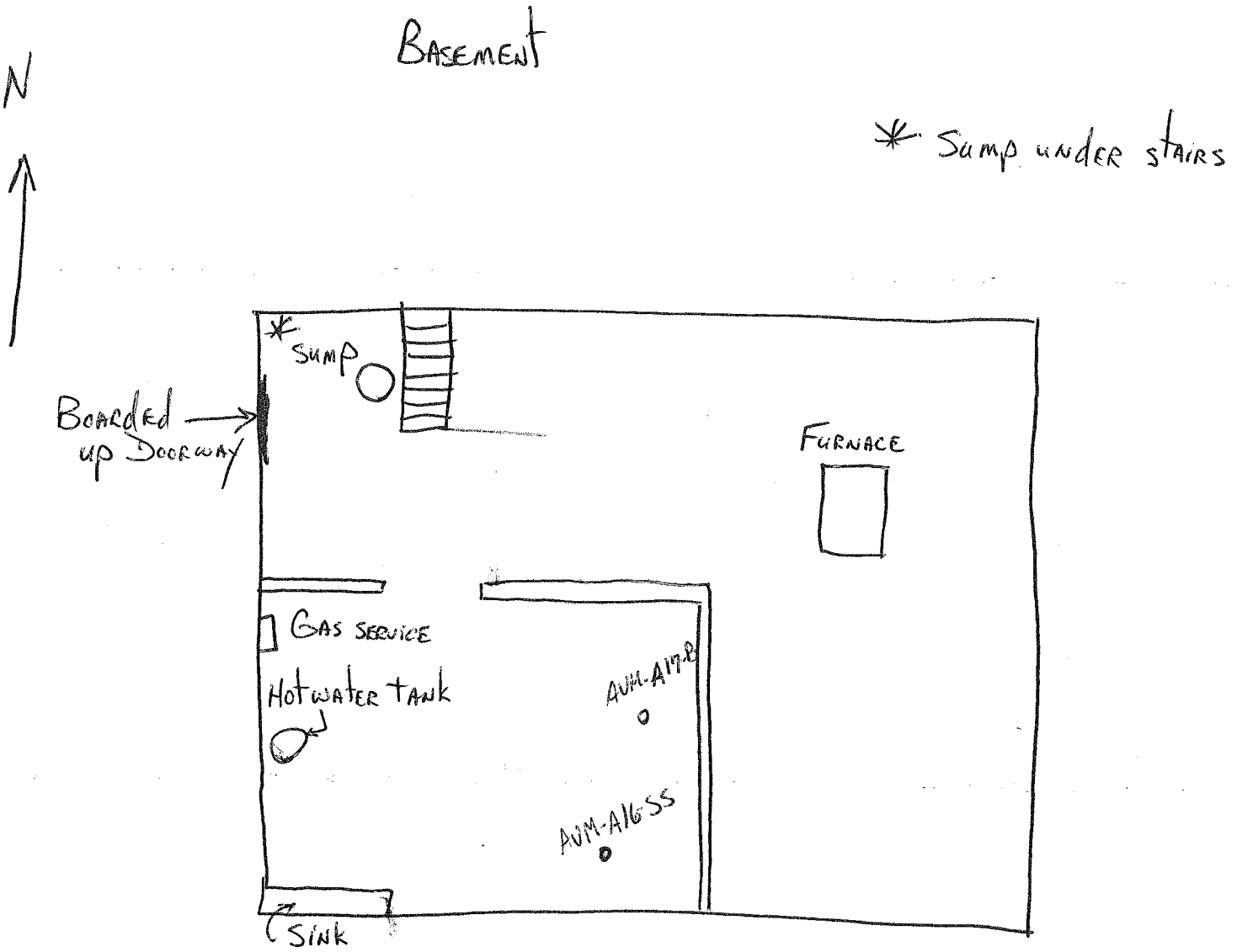
Sewage Disposal (Public) Septic Tank Leach Field Other _____
Distance from well to septic system _____ Type of septic tank additive _____

Kobiolka

Dvirka and Bartilucci
CONSULTING ENGINEERS
A DIVISION OF WILLIAM F. COSULICH ASSOCIATES, P.C.

F. Plan View

Draw a plan view sketch for each floor of the residence and if applicable, indicate air sampling locations, possible indoor air pollution sources and PID meter readings.



G. Potential Outdoor Sources of Pollution

Draw a sketch of the area surrounding the residence being sampled. If applicable, provide information on the spill location)if known), potential sir contamination sources (industries, gas stations, repair shops, landfills, etc.), outdoor air sampling location(s) and PID meter readings. Also indicate compass direction, wind direction and speed during sampling, the locations of the well and septic system if applicable, and a qualifying statement to help locate the site on a topographical map.

N/A

Kobiolka

Dvirka and Bartilucci
CONSULTING ENGINEERS
A DIVISION OF WILLIAM F. COSULICH ASSOCIATES, P.C.

H. Household Products Inventory

Product Description (dispenser, size, manufacturer…)	VOC ingredients	PID Reading (ppm)
No products observed in basement.		

Occupant / residence: _____

Investigator: J. Sutka Date: 4/6/04

* No one at the residence

Dvirka and Bartilucci
CONSULTING ENGINEERS
A DIVISION OF WILLIAM F. COSULICH ASSOCIATES, P.C.

Project Name AVM Gowanda Project Number 2184

Preparer's Name Jack Kuhn Date Prepared 4/6/04

Preparer's Affiliation Dvirka & Bartilucci Consulting Engineers Phone Number 315-437-1142

I. **OCCUP**

Address: S

County: C

Home Phon Office Phone Number

II. **OWNER OR LANDLORD NAME:** SAME AS ABOVE
(If different from occupant)

Address:

Phone Number:

A. Building Construction Characteristics No one at the residence @ 1200 Hr. or later

Type (circle appropriate responses): Single-Family Multiple-Dwelling Commercial

(Ranch)	2-Family
Raised-Ranch	Duplex
Split-Level	Apartment House___ Units
Colonial: Number of Floors ____	
Mobile Home	Other: specify ____

Residence Age Unknown

General Description of Building Construction Materials Wood Frame

Is the building insulated? YES / NO How air tight is the building Unknown

B. Basement construction characteristics (circle all that apply)

1. Full Basement, (crawlspace), slab on grade, other____
2. Basement floor: concrete, (dirt), other____
3. Concrete floor: unsealed, painted, covered with N/A
4. Foundation walls: poured concrete, (block), laid up stone, other ____
5. The basement is: (wet), damp, dry____ Sump present? Y / (N) Water in sump? Y / N Standing water west side
6. The basement is: finished, unfinished N/A (Crawlspace)
7. Identify potential soil vapor entry points (e.g. cracks, utility ports, etc.) ____
   Flooring is comprised of dirt. No concrete.
8. Describe how air tight the basement is Not tight. Dirt floor. Standing water along the dirt floor (west side) of crawlspace.

Spicolla

C. HVAC (circle all that apply)

1. The type of heating system(s) used in this residence is/are:

Hot Air Circulation	Heat Pump	Hot Water Radiation
Unvented Kerosene Heater	Steam Radiation	~~Wood Stove~~
Electric Baseboard	Other _____	

2. The ~~type(s) of fuel(s)~~ used is/are:

Natural Gas	Fuel Oil	Electric
~~Wood~~	Coal	Solar
Other _____		

3. Is the heating system's power ~~plant~~ located in the basement or another area: located in crawlspace
4. Is there air-conditioning? Y / N Central Air or Window Units
   Specify the location _____
5. Are there air distribution ducts present? Y / N
6. Describe the supply and cold air return duct work in the basement including whether there is a cold air return and the tightness of duct joints N/A

D. Potential Indoor Sources of Pollution

1. Has the house ever had a fire? Y / ~~N~~ Unknown
2. Is there an attached garage? Y / N
3. Is a vehicle normally parked in the garage? Y / N unknown
4. Is there a kerosene heater present? Y / N unknown
5. Is there a workshop, hobby or craft area in the residence? Y / N unknown
6. An inventory of all products used or stored in the home should be performed. Any products that contain volatile organic compounds or chemicals similar to the target compounds should be listed. The attached product inventory form should be used for this purpose. No products in crawlspace
7. Is there a kitchen exhaust fan? Y / N Unknown
8. Has the house ever been fumigated? If yes, describe date, type and location of treatment. Unknown

E. Water and Sewage (Circle the appropriate response)

Source of Water → Assume

Public Drilled Well Driven Well Dug Well Other _____

Water Well Specifications

Well Diameter _____	Grouted or Ungrouted _____
Well Depth _____	Type of Storage Tank _____
Depth to Bedrock _____	Size of Storage Tank _____
Feet of Casing _____	Water Treatment _____

Water Quality

Taste and/or odor problems? Y / N Describe _____

How long has the taste and/or odor been present? _____

Sewage Disposal Public Septic Tank Leach Field Other _____

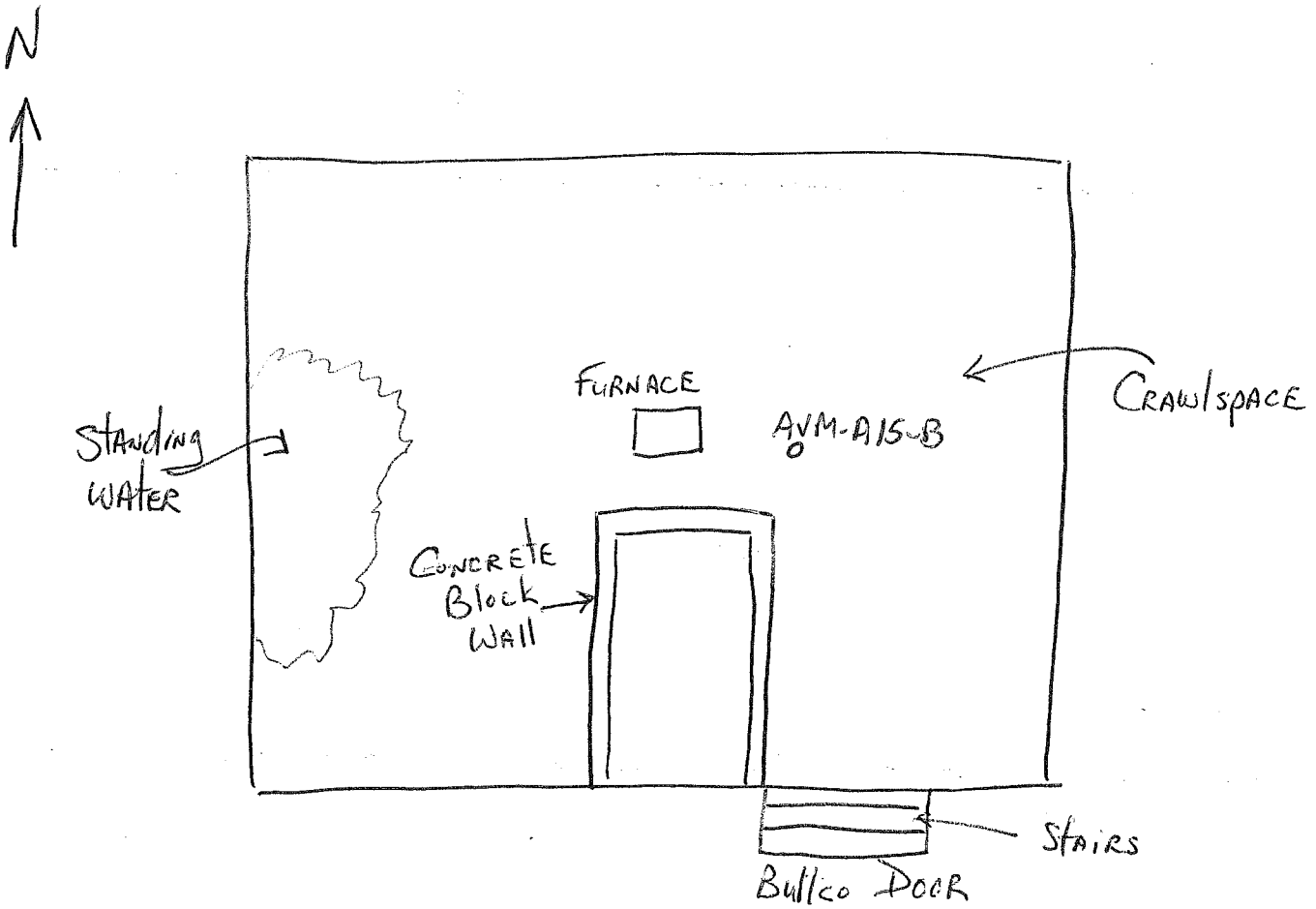
Distance from well to septic system _____ Type of septic tank additive _____ → Assume

Spicolla

F. Plan View

Draw a plan view sketch for each floor of the residence and if applicable, indicate air sampling locations, possible indoor air pollution sources and PID meter readings.

BASEMENT (i.e. CRAWLSPACE)



G. Potential Outdoor Sources of Pollution

Draw a sketch of the area surrounding the residence being sampled. If applicable, provide information on the spill location)if known), potential sir contamination sources (industries, gas stations, repair shops, landfills, etc.), outdoor air sampling location(s) and PID meter readings. Also indicate compass direction, wind direction and speed during sampling, the locations of the well and septic system if applicable, and a qualifying statement to help locate the site on a topographical map.

N/A

Spicolla

Dvirka and Bartilucci
CONSULTING ENGINEERS
A DIVISION OF WILLIAM F. COSULICH ASSOCIATES, P.C.

H. Household Products Inventory

Product Description (dispenser, size, manufacturer…)	VOC ingredients	PID Reading (ppm)
No products observed in crawlspace.		

Occupant / residence: _____

Investigator: Jack Kuhn / Sean Pepling Date: 4/6/04

J. Kuhn

Dvirka and Bartilucci
CONSULTING ENGINEERS
A DIVISION OF WILLIAM F. COSULICH ASSOCIATES, P.C.

Project Name AVM Gowanda Project Number 2184

Preparer's Name Jack Kuhn Date Prepared 4/5/04

Preparer's Affiliation Dvirka & Bartilucci Consulting Engineers Phone Number 315-437-1142

I. **OCCUPA**

Address: 6

County: C

Home Phone Number

II. **OWNER OR LANDLORD NAME:** SAME AS ABOVE
(If different from occupant)

Address:

Phone Number:

A. Building Construction Characteristics

Type (circle appropriate responses): Single-Family Multiple-Dwelling Commercial

Ranch	2-Family
Raised-Ranch	Duplex
Split-Level	Apartment House___ Units
Colonial: Number of Floors ____	
Mobile Home	Other: specify

(1948) Residence Age

General Description of Building Construction Materials Wood FRAME

Is the building insulated? YES / NO How air tight is the building

B. Basement construction characteristics (circle all that apply)

1. Full Basement, crawlspace, slab on grade, other PARTIAL BASEMENT
2. Basement floor: concrete, dirt, other
3. Concrete floor: unsealed, painted, covered with
4. Foundation walls: poured concrete, block, laid up stone, other
5. The basement is: wet, damp, dry Sump present? Y / N Water in sump? Y / N
6. The basement is: finished, unfinished
7. Identify potential soil vapor entry points (e.g. cracks, utility ports, etc.) NONE OBSERVED
8. Describe how air tight the basement is Tight

Ognen

Dvirka and Bartilucci
CONSULTING ENGINEERS
A DIVISION OF WILLIAM F. COSULICH ASSOCIATES, P.C.

C. HVAC (circle all that apply)

1. The type of heating system(s) used in this residence is/are:

Hot Air Circulation	Heat Pump	Hot Water Radiation
Unvented Kerosene Heater	Steam Radiation	Wood Stove
Electric Baseboard	Other _____	

2. The type(s) of fuel(s) used is/are:

Natural Gas	Fuel Oil	Electric
Wood	Coal	Solar
Other _____		

3. Is the heating system's power plant located in the basement or another area: basement N.G. Furnace
4. Is there air-conditioning? Y / N Central Air or Window Units
   Specify the location _____
5. Are there air distribution ducts present? Y / N
6. Describe the supply and cold air return duct work in the basement including whether there is a cold air return and the tightness of duct joints N/A

D. Potential Indoor Sources of Pollution

1. Has the house ever had a fire? Y / N
2. Is there an attached garage? Y / N
3. Is a vehicle normally parked in the garage? Y / N
4. Is there a kerosene heater present? Y / N
5. Is there a workshop, hobby or craft area in the residence? Y / N
6. An inventory of all products used or stored in the home should be performed. Any products that contain volatile organic compounds or chemicals similar to the target compounds should be listed. The attached product inventory form should be used for this purpose.
7. Is there a kitchen exhaust fan? Y / N
8. Has the house ever been fumigated? If yes, describe date, type and location of treatment. No

E. Water and Sewage (Circle the appropriate response)

Source of Water

Public Drilled Well Driven Well Dug Well Other _____

Water Well Specifications

Well Diameter _____	Grouted or Ungrouted _____
Well Depth _____	Type of Storage Tank _____
Depth to Bedrock _____	Size of Storage Tank _____
Feet of Casing _____	Water Treatment _____

Water Quality

Taste and/or odor problems? Y / N Describe _____

How long has the taste and/or odor been present? _____

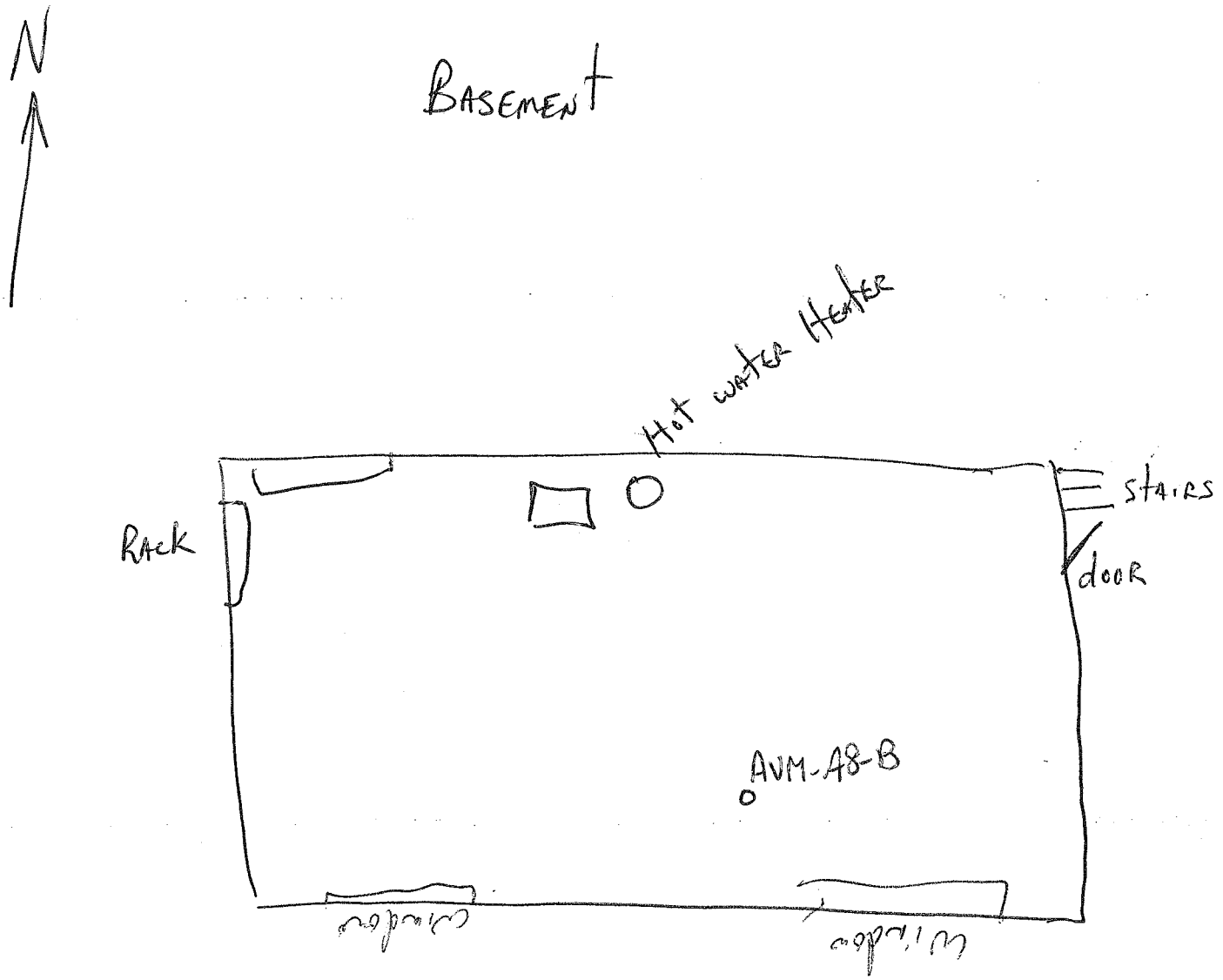
Sewage Disposal Public Septic Tank Leach Field Other _____

Distance from well to septic system _____ Type of septic tank additive _____

Ognen

F. Plan View

Draw a plan view sketch for each floor of the residence and if applicable, indicate air sampling locations, possible indoor air pollution sources and PID meter readings.



Ognen

G. Potential Outdoor Sources of Pollution

Draw a sketch of the area surrounding the residence being sampled. If applicable, provide information on the spill location)if known), potential sir contamination sources (industries, gas stations, repair shops, landfills, etc.), outdoor air sampling location(s) and PID meter readings. Also indicate compass direction, wind direction and speed during sampling, the locations of the well and septic system if applicable, and a qualifying statement to help locate the site on a topographical map.

N/A

Ogner

Dvirka and Bartilucci
CONSULTING ENGINEERS
A DIVISION OF WILLIAM F. COSULICH ASSOCIATES, P.C.

H. Household Products Inventory

Product Description (dispenser, size, manufacturer…)	VOC ingredients	PID Reading (ppm)
1. Paint Cans (6 cans 1 Gal.		
2. Paint Thinner (1 can)		

Occupant / residence: _____

Investigator: J. Kuhn Date: 4/5/04

Ognen

Dvirka and Bartilucci CONSULTING ENGINEERS
A DIVISION OF WILLIAM F. COSULICH ASSOCIATES, P.C.

Project Name AVM Gowanda Project Number 2184

Preparer's Name Jack Kuhn Date Prepared 4/5/04

Preparer's Affiliation Dvirka & Bartilucci Consulting Engineers Phone Number 315-437-1142

I. **OCCUP**

Address: [illegible]

County: C

Home Phone [illegible] Office Phone Number

II. **OWNER OR LANDLORD NAME:** SAME AS ABOVE
(If different from occupant)

Address:

Phone Number:

A. Building Construction Characteristics

Type (circle appropriate responses): Single-Family Multiple-Dwelling Commercial

(Ranch)	2-Family
Raised-Ranch	Duplex
Split-Level	Apartment House___ Units
Colonial: Number of Floors ___	
Mobile Home	Other: specify ___

Residence Age 50 yrs

General Description of Building Construction Materials Wood Frame

Is the building insulated? (YES) / NO How air tight is the building Some insulation in attic. Fairly tight.

B. Basement construction characteristics (circle all that apply)

1. (Full Basement), crawlspace, slab on grade, other___
2. Basement floor: (concrete), dirt, other___
3. Concrete floor: unsealed, (painted), covered with___
4. Foundation walls: (poured concrete), block, laid up stone, other ___
5. The basement is: wet, damp, (dry) Sump present? (Y) / X Water in sump? Y / N
6. The basement is: (finished), unfinished
7. Identify potential soil vapor entry points (e.g. cracks, utility ports, etc.) Foundation wall in good shape, no cracks or holes
8. Describe how air tight the basement is Not tight - basement has windows

A. Stover

Dvirka and Bartilucci
CONSULTING ENGINEERS
A DIVISION OF WILLIAM F. COSULICH ASSOCIATES, P.C.

C. HVAC (circle all that apply) Newly installed furnace (1 yr. old)

1. The type of heating system(s) used in this residence is/are:

(Hot Air Circulation)	Heat Pump	Hot Water Radiation
Unvented Kerosene Heater	Steam Radiation	Wood Stove
Electric Baseboard	Other _____	

2. The type(s) of fuel(s) used is/are:

(Natural Gas)	Fuel Oil	Electric
Wood	Coal	Solar
Other _____		

3. Is the heating system's power plant located ~~in~~ the basement or another area: basement
4. Is there air-conditioning? (Y) / N (Central Air) or Window Units
   Specify the location _____
5. Are there air distribution ducts present? (Y) / N
6. Describe the supply and cold air return duct work in the basement including whether there is a cold air return and the tightness of duct joints All duct work appears new and in good shape. Connections are secured w/ sheet metal screws and fit together well, but not sealed w/ duct tape. Cold duct return in good shape

D. Potential Indoor Sources of Pollution

1. Has the house ever had a fire? Y (N)
2. Is there an attached garage? Y (N)
3. Is a vehicle normally parked in the garage? (Y) / N
4. Is there a kerosene heater present? (Y) / N → but not used
5. Is there a workshop, hobby or craft area in the residence? Y (N)
6. An inventory of all products used or stored in the home should be performed. Any products that contain volatile organic compounds or chemicals similar to the target compounds should be listed. The attached product inventory form should be used for this purpose.
7. Is there a kitchen exhaust fan? (Y) N
8. Has the house ever been fumigated? If yes, describe date, type and location of treatment.
   No - Not to Ms. Stiver's knowledge

E. Water and Sewage (Circle the appropriate response)

Source of ~~Water~~

(Public) Drilled Well Driven Well Dug Well Other _____

Water Well Specifications

Well Diameter _____ Grouted or Ungrouted _____
Well Depth _____ Type of Storage Tank _____
Depth to Bedrock _____ Size of Storage Tank _____
Feet of Casing _____ Water Treatment _____

Water Quality

Taste and/or odor problems? Y (N) Describe _____
How long ~~has the~~ taste and/or odor been present? N/A

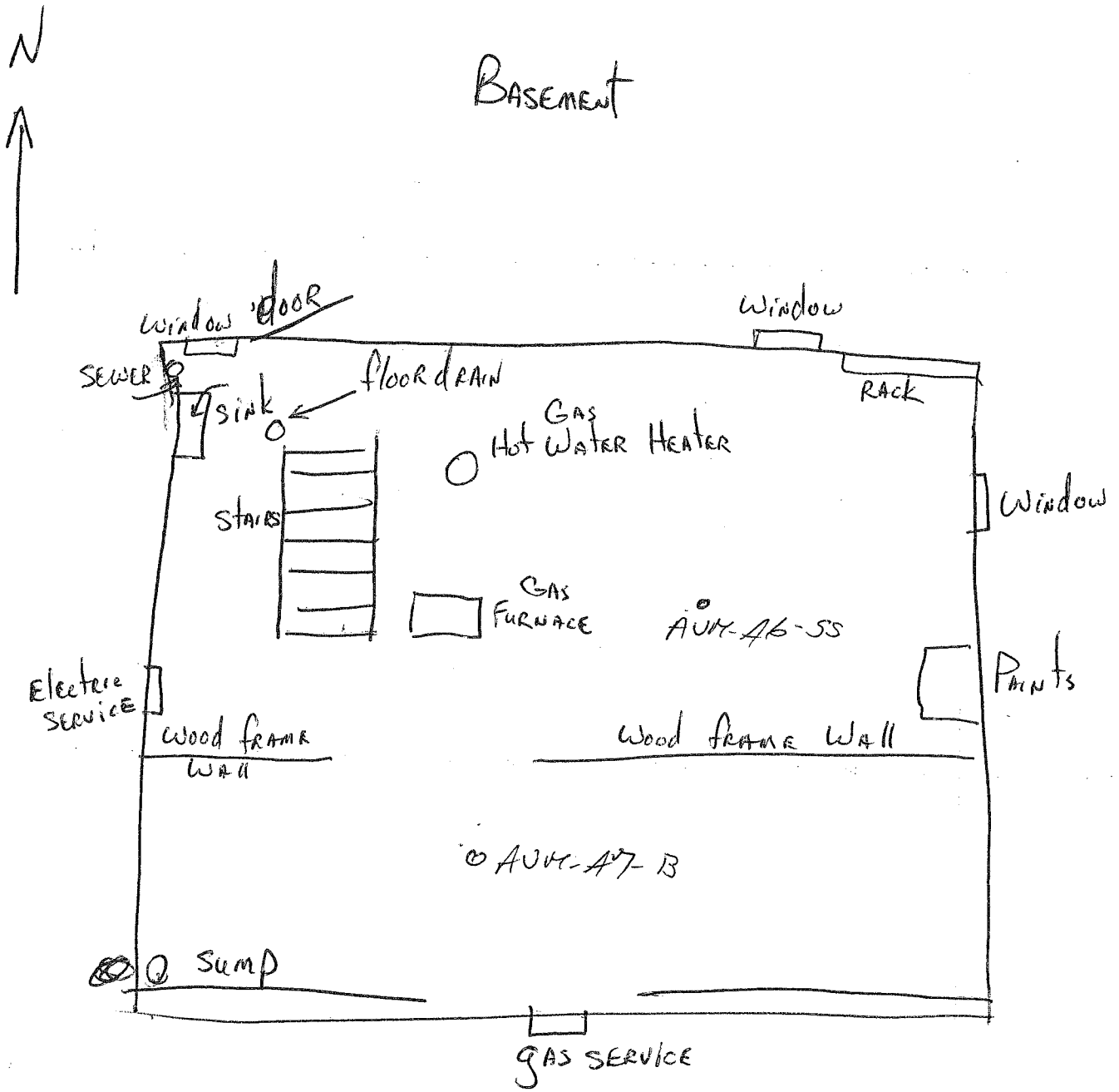
Sewage Disposal (Public) Septic Tank Leach Field Other _____
Distance from ~~well to~~ septic system _____ Type of septic tank additive _____

A. Stiver

Dvirka and Bartilucci
CONSULTING ENGINEERS
A DIVISION OF WILLIAM F. COSULICH ASSOCIATES, P.C.

F. Plan View

Draw a plan view sketch for each floor of the residence and if applicable, indicate air sampling locations, possible indoor air pollution sources and PID meter readings.



A. Stiver

G. Potential Outdoor Sources of Pollution

Draw a sketch of the area surrounding the residence being sampled. If applicable, provide information on the spill location)if known), potential sir contamination sources (industries, gas stations, repair shops, landfills, etc.), outdoor air sampling location(s) and PID meter readings. Also indicate compass direction, wind direction and speed during sampling, the locations of the well and septic system if applicable, and a qualifying statement to help locate the site on a topographical map.

N/A

A. Stiver

Dvirka and Bartilucci
CONSULTING ENGINEERS
A DIVISION OF WILLIAM F. COSULICH ASSOCIATES, P.C.

H. Household Products Inventory

	Product Description (dispenser, size, manufacturer...)	VOC ingredients	PID Reading (ppm)
1.	Paint Cans (12 cans) 1/2 Pint	Latex & Oil base	All readings were non-detectable
2	Spray Paint Cans (3 cans) 11 oz.	Latex & Oil base	
3.	Bug Killer (Spray) (2 cans) 16 oz.		
4.	Misc. Car Cleaning Products		
5.	Rug Shampoo (1 bottle) 16 oz.		
6.	Oatey All Purpose Cement 4 oz.		
7.	Lamp Oil (2 Bottles) 22 oz. & 32 oz.		

Occupant / residence: _____

Investigator: J. Kuhn Date: 4/5/04

A. Stiver

Dvirka and Bartilucci
CONSULTING ENGINEERS
A DIVISION OF WILLIAM F. COSULICH ASSOCIATES, P.C.

Project Name AVM Gowanda Project Number 2184

Preparer's Name Jack Kuhn Date Prepared 4/6/04

Preparer's Affiliation Dvirka & Bartilucci Consulting Engineers Phone Number 315-437-1142

I. **OCCUP** e

Address: _____

County: _____

Home Phone ( ) _____ e Number _____

II. **OWNER OR LANDLORD NAME:** SAME AS ABOVE
(If different from occupant)

Address: _____

Phone Number: _____

A. Building Construction Characteristics

Type (circle appropriate responses): Single-Family Multiple-Dwelling Commercial

Ranch	2-Family
Raised-Ranch	Duplex
Split-Level	Apartment House___ Units
Colonial: Number of Floors BUNGALOW	
Mobile Home	Other: specify _____

(1935) Residence Age_____

General Description of Building Construction Materials Wood FRAME

Is the building insulated? YES / NO How air tight is the building SOME ATTIC NONE IN WALLS

B. Basement construction characteristics (circle all that apply)

1. Full Basement, crawlspace, slab on grade, other_____
2. Basement floor: concrete, dirt, other_____
3. Concrete floor: unsealed, painted, covered with_____
4. Foundation walls: poured concrete, block, laid up stone, other _____
5. The basement is: wet, damp, dry___ Sump present? Y / N Water in sump? Y / N
6. The basement is: finished, unfinished 1/2 BASEMENT PARTIALLY FINISHED; 1/2 UNFINISHED
7. Identify potential soil vapor entry points (e.g. cracks, utility ports, etc.) _____
FOUNDATION WALL IN GOOD SHAPE; SOME MINOR CRACKS. FLOOR HAS SOME CRACKS. (SPIDER CRACKS)
8. Describe how air tight the basement is Tight.

J Steever

Dvirka and Bartilucci
CONSULTING ENGINEERS
A DIVISION OF WILLIAM F. COSULICH ASSOCIATES, P.C.

C. HVAC (circle all that apply)

1. The type of heating system(s) used in this residence is/are:

(Hot Air Circulation)	Heat Pump	Hot Water Radiation
Unvented Kerosene Heater	Steam Radiation	Wood Stove
Electric Baseboard	Other _____	

2. The type(s) of fuel(s) used is/are:

(Natural Gas)	Fuel Oil	Electric
Wood	Coal	Solar
Other _____		

3. Is the heating system's power plant located in the basement or another area: BASEMENT
4. Is there air-conditioning? Y (N) Central Air or Window Units
   Specify the location _____
5. Are there air distribution ducts present? (Y) N
6. Describe the supply and cold air return duct work in the basement including whether there is a cold air return and the tightness of duct joints Ducts ARE in good shape and fit together well. Ducts ARE connected w/ sheet metal screws, but not duct taped. No holes or gaps in ducts.

D. Potential Indoor Sources of Pollution

1. Has the house ever had a fire? Y / (N)
2. Is there an attached garage? Y / (N)
3. Is a vehicle normally parked in the garage? (Y) / N
4. Is there a kerosene heater present? Y / (N)
5. Is there a workshop, hobby or craft area in the residence? Y / (N)
6. An inventory of all products used or stored in the home should be performed. Any products that contain volatile organic compounds or chemicals similar to the target compounds should be listed. The attached product inventory form should be used for this purpose.
7. Is there a kitchen exhaust fan? (Y) / N
8. Has the house ever been fumigated? If yes, describe date, type and location of treatment. No

E. Water and Sewage (Circle the appropriate response)

Source of Water

(Public) Drilled Well Driven Well Dug Well Other _____

Water Well Specifications

Well Diameter _____ Grouted or Ungrouted _____
Well Depth _____ Type of Storage Tank _____
Depth to Bedrock _____ Size of Storage Tank _____
Feet of Casing _____ Water Treatment _____

Water Quality

Taste and/or odor problems? Y (N) Describe But OWNER USES bottled WATER
How long has the taste and/or odor been present? _____

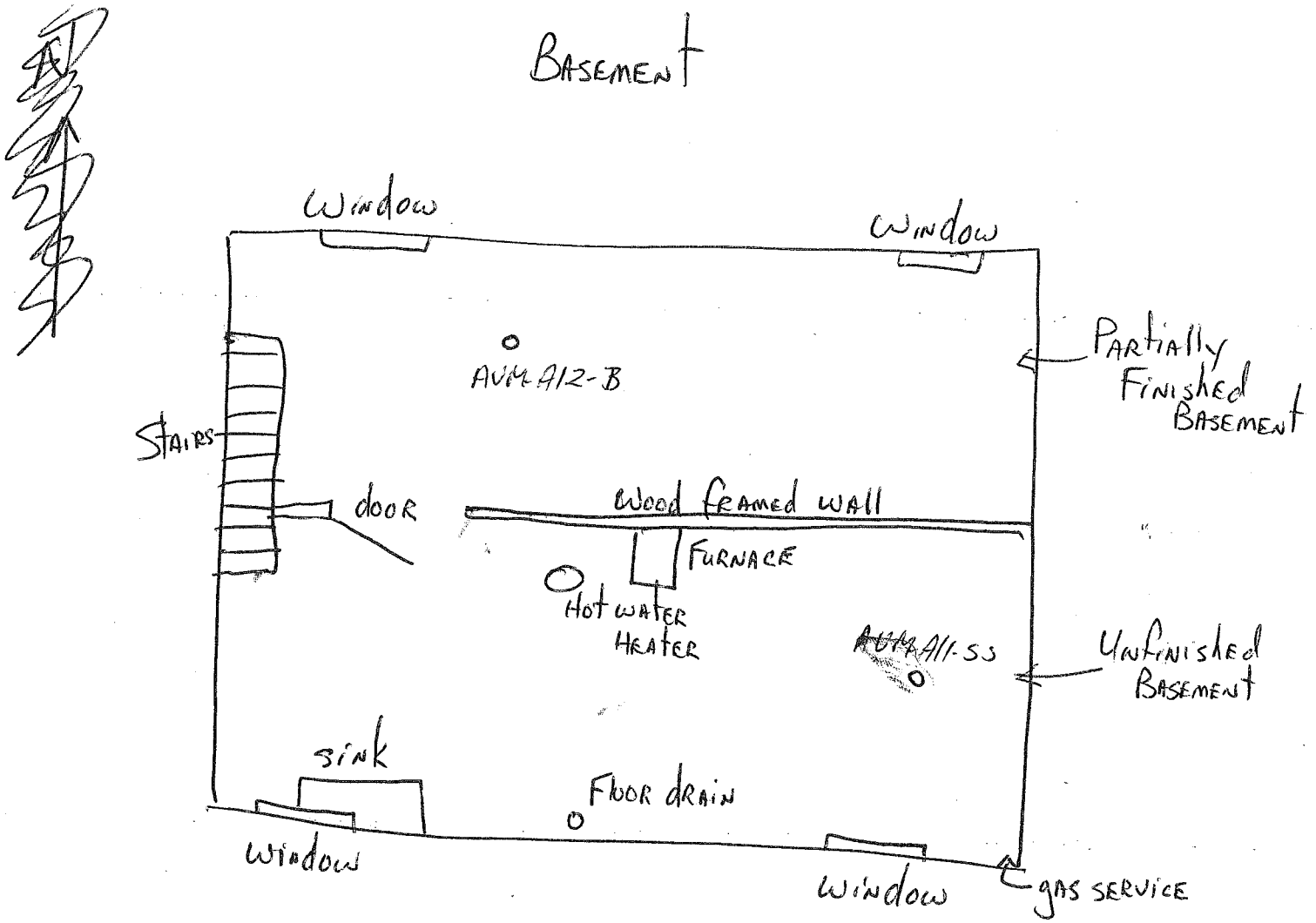
Sewage Disposal (Public) Septic Tank Leach Field Other _____
Distance from well to septic system _____ Type of septic tank additive _____

J Steever

Dvirka and Bartilucci
CONSULTING ENGINEERS
A DIVISION OF WILLIAM F. COSULICH ASSOCIATES, P.C.

F. Plan View

Draw a plan view sketch for each floor of the residence and if applicable, indicate air sampling locations, possible indoor air pollution sources and PID meter readings.



J Steever

G. Potential Outdoor Sources of Pollution

Draw a sketch of the area surrounding the residence being sampled. If applicable, provide information on the spill location)if known), potential sir contamination sources (industries, gas stations, repair shops, landfills, etc.), outdoor air sampling location(s) and PID meter readings. Also indicate compass direction, wind direction and speed during sampling, the locations of the well and septic system if applicable, and a qualifying statement to help locate the site on a topographical map.

N/A

J Steever

Dvirka and Bartilucci
CONSULTING ENGINEERS
A DIVISION OF WILLIAM F. COSULICH ASSOCIATES, P.C.

H. Household Products Inventory

	Product Description (dispenser, size, manufacturer…)	VOC ingredients	PID Reading (ppm)
1.	Paint Cans (25 cans) 1 Gal.	Latex	
2.	Spray Paint Cans (6 cans) 12 oz.	Latex	
3.	Paint Cans (25 cans) 1 Qt.	Latex	
4.	Paint Cans (6 cans) ½ pint	Latex	
5.	Oil Can (1 can) 1 Qt.		
6.	Paint Thinner (1 can) 1 Qt.		
7.	Zar Paint & Varnish Remover 1 pint (1 can)		

Occupant / residence: _____

Investigator: J. Kuhn Date: 4/6/04

J Steever

Dvirka and Bartilucci
CONSULTING ENGINEERS
A DIVISION OF WILLIAM F. COSULICH ASSOCIATES, P.C.

Project Name AVM Gowanda Project Number 2184

Preparer's Name Jack Kuhn Date Prepared 4/6/04

Preparer's Affiliation Dvirka & Bartilucci Consulting Engineers Phone Number 315-437-1142

I. **OCCUP**

Address: 7

County: 1

Home Phon e Number (716) 532-8760

II. **OWNER OR LANDLORD NAME:** SAME AS ABOVE
(If different from occupant)
Address:

Phone Number:

A. Building Construction Characteristics

Type (circle appropriate responses): Single-Family Multiple-Dwelling Commercial

Ranch	2-Family
Raised-Ranch	Duplex
Split-Level	Apartment House___ Units
(Colonial) Number of Floors 2	
Mobile Home	Other: specify

1936 Residence Age

General Description of Building Construction Materials Wood Frame

Is the building insulated? (YES) / NO How air tight is the building Some in both the attic and walls

B. Basement construction characteristics (circle all that apply)

1. (Full Basement), crawlspace, slab on grade, other
2. Basement floor (concrete), dirt, other
3. Concrete floor (unsealed), painted, covered with
4. Foundation walls (poured concrete), block, laid up stone, other
5. The basement is: wet, damp, (dry) Sump present? Y / (N) Water in sump? Y / N
6. The basement is: finished, (unfinished)
7. Identify potential soil vapor entry points (e.g. cracks, utility ports, etc.) Foundation walls in good condition; concrete basement floor in good condition, some minor cracks
8. Describe how air tight the basement is tight, basement is dry.

Steeley

Dvirka and Bartilucci
CONSULTING ENGINEERS
A DIVISION OF WILLIAM F. COSULICH ASSOCIATES, P.C.

C. HVAC (circle all that apply)

1. The type of heating system(s) used in this residence is/are:

Hot Air Circulation	Heat Pump	(Hot Water Radiation)
Unvented Kerosene Heater	Steam Radiation	Wood Stove
Electric Baseboard	Other _____	

2. The type(s) of fuel(s) used is/are:

(Natural Gas)	Fuel Oil	Electric
Wood	Coal	Solar
Other _____		

3. Is the heating system's power plant located in the basement or another area: basement
4. Is there air-conditioning? Y (N) Central Air or Window Units
   Specify the location _____
5. Are there air distribution ducts present? Y (N)
6. Describe the supply and cold air return duct work in the basement including whether there is a cold air return and the tightness of duct joints N/A

D. Potential Indoor Sources of Pollution

1. Has the house ever had a fire? Y (N)
2. Is there an attached garage? Y (N)
3. Is a vehicle normally parked in the garage? Y (N) car port
4. Is there a kerosene heater present? Y (N)
5. Is there a workshop, hobby or craft area in the residence? Y (N)
6. An inventory of all products used or stored in the home should be performed. Any products that contain volatile organic compounds or chemicals similar to the target compounds should be listed. The attached product inventory form should be used for this purpose. Some listed
7. Is there a kitchen exhaust fan? Y (N)
8. Has the house ever been fumigated? If yes, describe date, type and location of treatment. No

E. Water and Sewage (Circle the appropriate response)

Source of Water

(Public) Drilled Well Driven Well Dug Well Other _____

Water Well Specifications

Well Diameter _____	Grouted or Ungrouted _____
Well Depth _____	Type of Storage Tank _____
Depth to Bedrock _____	Size of Storage Tank _____
Feet of Casing _____	Water Treatment _____

Water Quality

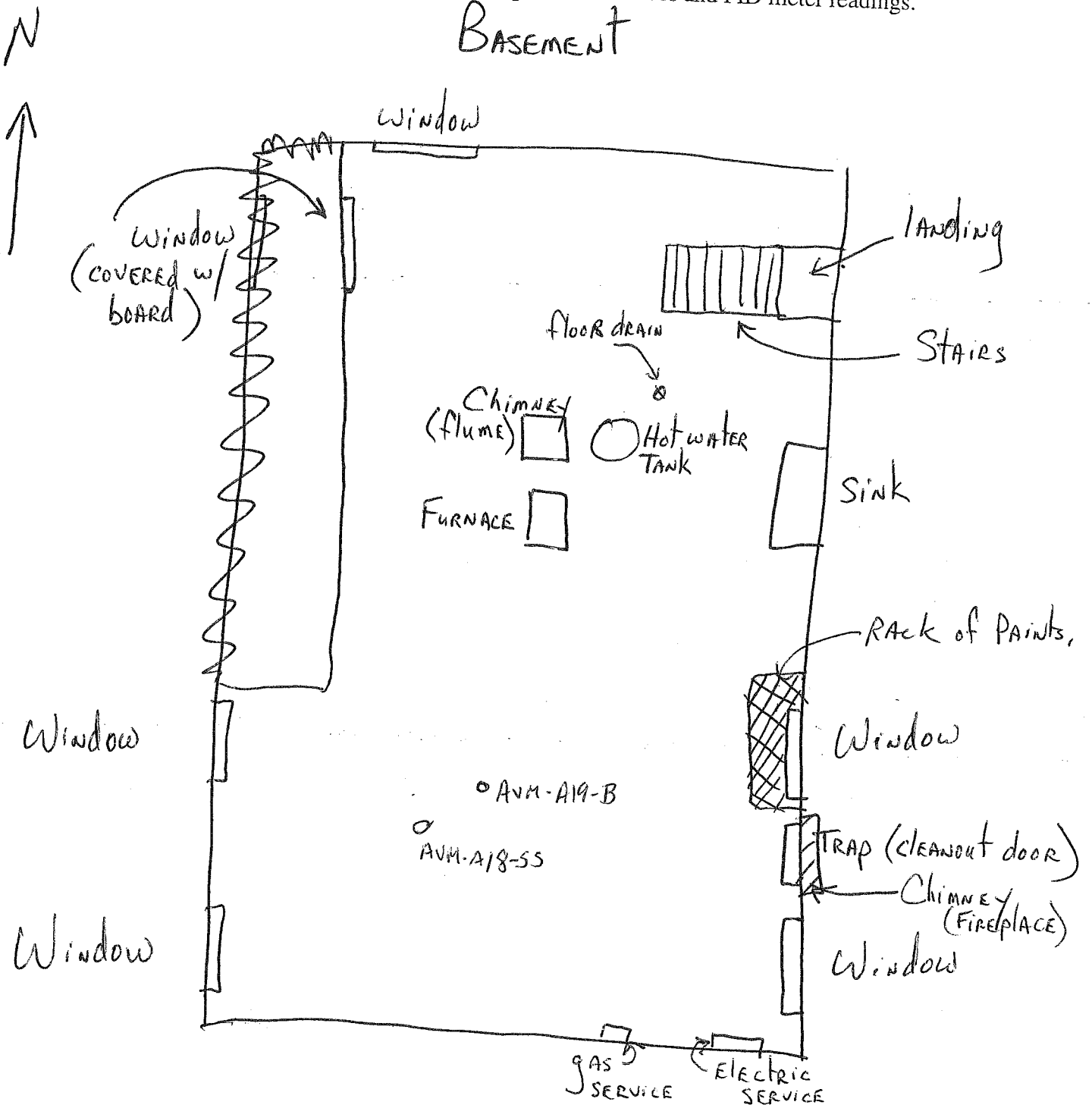
Taste and/or odor problems? Y (N) Describe _____
How long has the taste and/or odor been present? _____

Sewage Disposal (Public) Septic Tank Leach Field Other _____
Distance from well to septic system _____ Type of septic tank additive _____

Dvirka and Bartilucci
CONSULTING ENGINEERS
A DIVISION OF WILLIAM F. COSULICH ASSOCIATES, P.C.

F. Plan View

Draw a plan view sketch for each floor of the residence and if applicable, indicate air sampling locations, possible indoor air pollution sources and PID meter readings.



Steeley

G. Potential Outdoor Sources of Pollution

Draw a sketch of the area surrounding the residence being sampled. If applicable, provide information on the spill location)if known), potential sir contamination sources (industries, gas stations, repair shops, landfills, etc.), outdoor air sampling location(s) and PID meter readings. Also indicate compass direction, wind direction and speed during sampling, the locations of the well and septic system if applicable, and a qualifying statement to help locate the site on a topographical map.

N/A

Steeley

Dvirka and Bartilucci
CONSULTING ENGINEERS
A DIVISION OF WILLIAM F. COSULICH ASSOCIATES, P.C.

H. Household Products Inventory

	Product Description (dispenser, size, manufacturer…)	VOC ingredients	PID Reading (ppm)
1.	Paint cans (approx. 25 cans) 1 gal.	Latex	
2	Paint cans (approx. 12 cans) 1 Qt	Latex	
3.	Spray Paint (6 cans) 12 oz.	Latex	
4.	Propane Fuel tanks (2 tanks) 14 oz.		
5.	Misc. Car Cleaning Products		
6.	Misc. Household Cleaning Products		
7.	Spray Cans of insecticides		

Occupant / residence: _____

Investigator: J. Kuhn Date: 4/6/04

Dvirka and Bartilucci
CONSULTING ENGINEERS
A DIVISION OF WILLIAM F. COSULICH ASSOCIATES, P.C.

Project Name AVM Gowanda Project Number 2184

Preparer's Name ~~Earl Clabeaux~~ Jack Kuhn Date Prepared 4/6/04

Preparer's Affiliation Dvirka & Bartilucci Consulting Engineers Phone Number 315-437-1142

I. **OCCU**

Address:

County:

Home Phone Number

II. **OWNER OR LANDLORD NAME:** SAME AS ABOVE
(If different from occupant)
Address:

Phone Number:

A. Building Construction Characteristics

Type (circle appropriate responses): Single-Family Multiple-Dwelling Commercial

Ranch	2-Family
Raised-Ranch	Duplex
~~Split-Level~~	Apartment House___ Units
Colonial: Number of Floors ____	
Mobile Home	Other: specify ____

(1930) Residence Age____

General Description of Building Construction Materials Wood Frame

Is the building insulated? YES / NO How air tight is the building

B. Basement construction characteristics (circle all that apply)

1. Full Basement, crawlspace, slab on grade, other____
2. ~~Basement floor~~: concrete, dirt, other____
3. Concrete floor: unsealed, painted, covered with____
4. Foundation walls: poured concrete, block, laid up stone, other ____
5. The basement is: wet, damp, dry____ Sump present? Y / N Water in sump? Y / N
6. The basement is: finished, unfinished Partially Finished Floor Drain
7. Identify potential soil vapor entry points (e.g. cracks, utility ports, etc.) ____
   Foundation walls appear in good shape - No visible cracks
   No cracks in floor
8. Describe how air tight the basement is ____
   Tight.

Clabeaux

Dvirka and Bartilucci
CONSULTING ENGINEERS
A DIVISION OF WILLIAM F. COSULICH ASSOCIATES, P.C.

C. HVAC (circle all that apply) High Efficiency Furnace

1. The type of heating system(s) used in this residence is/are:

(Hot Air Circulation)	Heat Pump	Hot Water Radiation
Unvented Kerosene Heater	Steam Radiation	Wood Stove
Electric Baseboard	Other _____	

2. The type(s) of fuel(s) used is/are:

(Natural Gas)	Fuel Oil	Electric
Wood	Coal	Solar
Other _____		

3. Is the heating system's power plant located in the basement or another area: basement
4. Is there air-conditioning? Y / (N) Central Air or Window Units
   Specify the location N/A
5. Are there air distribution ducts present? (Y) / N
6. Describe the supply and cold air return duct work in the basement including whether there is a cold air return and the tightness of duct joints. Ducts are in good shape sections fit together well, held together w/ sheet metal screws, but no duct tape.

D. Potential Indoor Sources of Pollution

1. Has the house ever had a fire? Y / (N)
2. Is there an attached garage? Y / (N)
3. Is a vehicle normally parked in the garage? Y / (N)
4. Is there a kerosene heater present? Y / (N)
5. Is there a workshop, hobby or craft area in the residence? Y / (N)
6. An inventory of all products used or stored in the home should be performed. Any products that contain volatile organic compounds or chemicals similar to the target compounds should be listed. The attached product inventory form should be used for this purpose.
7. Is there a kitchen exhaust fan? (Y) / N
8. Has the house ever been fumigated? If yes, describe date, type and location of treatment. No

E. Water and Sewage (Circle the appropriate response)

Source of Water

(Public) Drilled Well Driven Well Dug Well Other _____

Water Well Specifications

Well Diameter _____	Grouted or Ungrouted _____
Well Depth _____	Type of Storage Tank _____
Depth to Bedrock _____	Size of Storage Tank _____
Feet of Casing _____	Water Treatment _____

Water Quality

Taste and/or odor problems? Y / (N) Describe _____

How long has the taste and/or odor been present? _____

Sewage Disposal (Public) Septic Tank Leach Field Other _____

Distance from well to septic system _____ Type of septic tank additive _____

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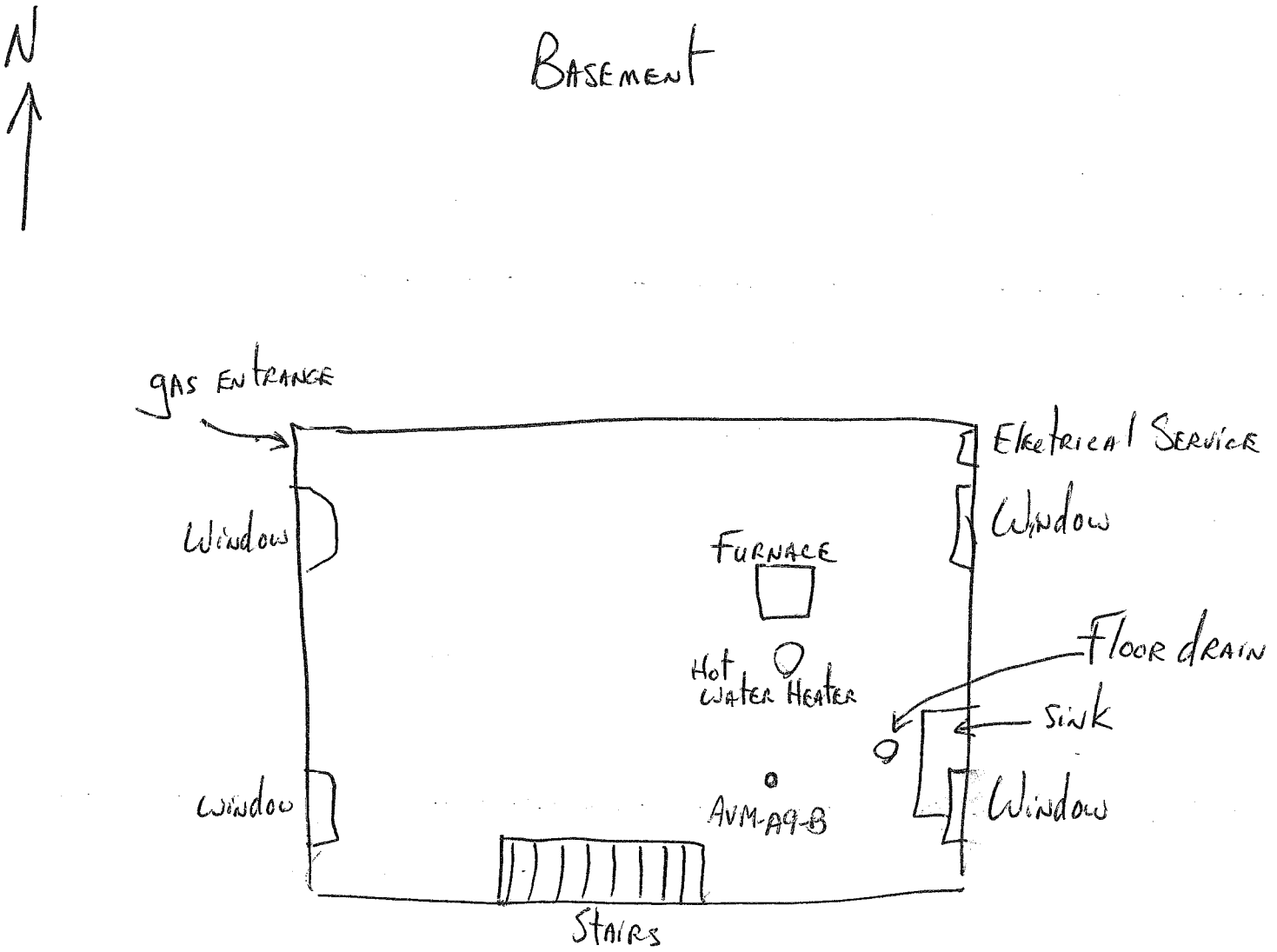
F. Plan View

Draw a plan view sketch for each floor of the residence and if applicable, indicate air sampling locations, possible indoor air pollution sources and PID meter readings.



Clabeaux

G. Potential Outdoor Sources of Pollution

Draw a sketch of the area surrounding the residence being sampled. If applicable, provide information on the spill location)if known), potential sir contamination sources (industries, gas stations, repair shops, landfills, etc.), outdoor air sampling location(s) and PID meter readings. Also indicate compass direction, wind direction and speed during sampling, the locations of the well and septic system if applicable, and a qualifying statement to help locate the site on a topographical map.

N/A

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H. Household Products Inventory

Product Description (dispenser, size, manufacturer…)	VOC ingredients	PID Reading (ppm)
1. Paint Cans (5 cans) 1 Gal.		
2. Paint Cans (6 cans) 1 Qt.		
3. Misc. Home Cleaning Products		
4. Misc. Car Cleaning Products		

Occupant / residence: _____

Investigator: J. Luhm Date: 4/6/04

Clabeaux

Dvirka and Bartilucci
CONSULTING ENGINEERS
A DIVISION OF WILLIAM F. COSULICH ASSOCIATES, P.C.

Project Name AVM Gowanda Project Number 2184

Preparer's Name Jack Kuhn Date Prepared 4/6/04

Preparer's Affiliation Dvirka & Bartilucci Consulting Engineers Phone Number 315-437-1142

I. **OCCUP**

Address: S

County: C

Home Phone Office Phone Number

II. **OWNER OR LANDLORD NAME:** SAME AS ABOVE
(If different from occupant)

Address:

Phone Number:

A. Building Construction Characteristics

Type (circle appropriate responses): Single-Family Multiple-Dwelling Commercial

Ranch	2-Family
Raised-Ranch	Duplex
Split-Level	Apartment House___ Units
Colonial: Number of Floors ____	
Mobile Home	Other: specify

Residence Age bu/1/1954

General Description of Building Construction Materials Wood Frame

Is the building insulated? YES / NO How air tight is the building

B. Basement construction characteristics (circle all that apply)

1. Full Basement, crawlspace, slab on grade, other
2. Basement floor: concrete, dirt, other
3. Concrete floor: unsealed, painted, covered with
4. Foundation walls: poured concrete, block, laid up stone, other
5. The basement is: wet, damp, dry Sump present? Y (N) Water in sump? Y / N
6. The basement is: finished, unfinished mostly finished
7. Identify potential soil vapor entry points (e.g. cracks, utility ports, etc.) floor drain,
8. Describe how air tight the basement is Fairly tight

Polask

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CONSULTING ENGINEERS
A DIVISION OF WILLIAM F. COSULICH ASSOCIATES, P.C.

C. HVAC (circle all that apply)

1. The type of heating system(s) used in this residence is/are:

Hot Air Circulation	Heat Pump	Hot Water Radiation
Unvented Kerosene Heater	Steam Radiation	Wood Stove
Electric Baseboard	Other _____	

2. The type(s) of fuel(s) used is/are:

Natural Gas	Fuel Oil	Electric
Wood	Coal	Solar
Other _____		

3. Is the heating system's power plant located in the basement or another area: _____
4. Is there air-conditioning? Y / N Central Air or Window Units
   Specify the location _____
5. Are there air distribution ducts present? Y / N
6. Describe the supply and cold air return duct work in the basement including whether there is a cold air return and the tightness of duct joints NA

D. Potential Indoor Sources of Pollution

1. Has the house ever had a fire? Y / N
2. Is there an attached garage? Y / N – by breezeway
3. Is a vehicle normally parked in the garage? Y / N
4. Is there a kerosene heater present? Y / N
5. Is there a workshop, hobby or craft area in the residence? Y / N – basement, SW corner
6. An inventory of all products used or stored in the home should be performed. Any products that contain volatile organic compounds or chemicals similar to the target compounds should be listed. The attached product inventory form should be used for this purpose.
7. Is there a kitchen exhaust fan? Y / N
8. Has the house ever been fumigated? If yes, describe date, type and location of treatment.
   NO

E. Water and Sewage (Circle the appropriate response)

Source of Water

Public Drilled Well Driven Well Dug Well Other _____

Water Well Specifications

Well Diameter _____	Grouted or Ungrouted _____
Well Depth _____	Type of Storage Tank _____
Depth to Bedrock _____	Size of Storage Tank _____
Feet of Casing _____	Water Treatment _____

Water Quality

Taste and/or odor problems? Y / N Describe _____

How long has the taste and/or odor been present? _____

Sewage Disposal Public Septic Tank Leach Field Other _____

Distance from well to septic system _____ Type of septic tank additive _____

Polasik

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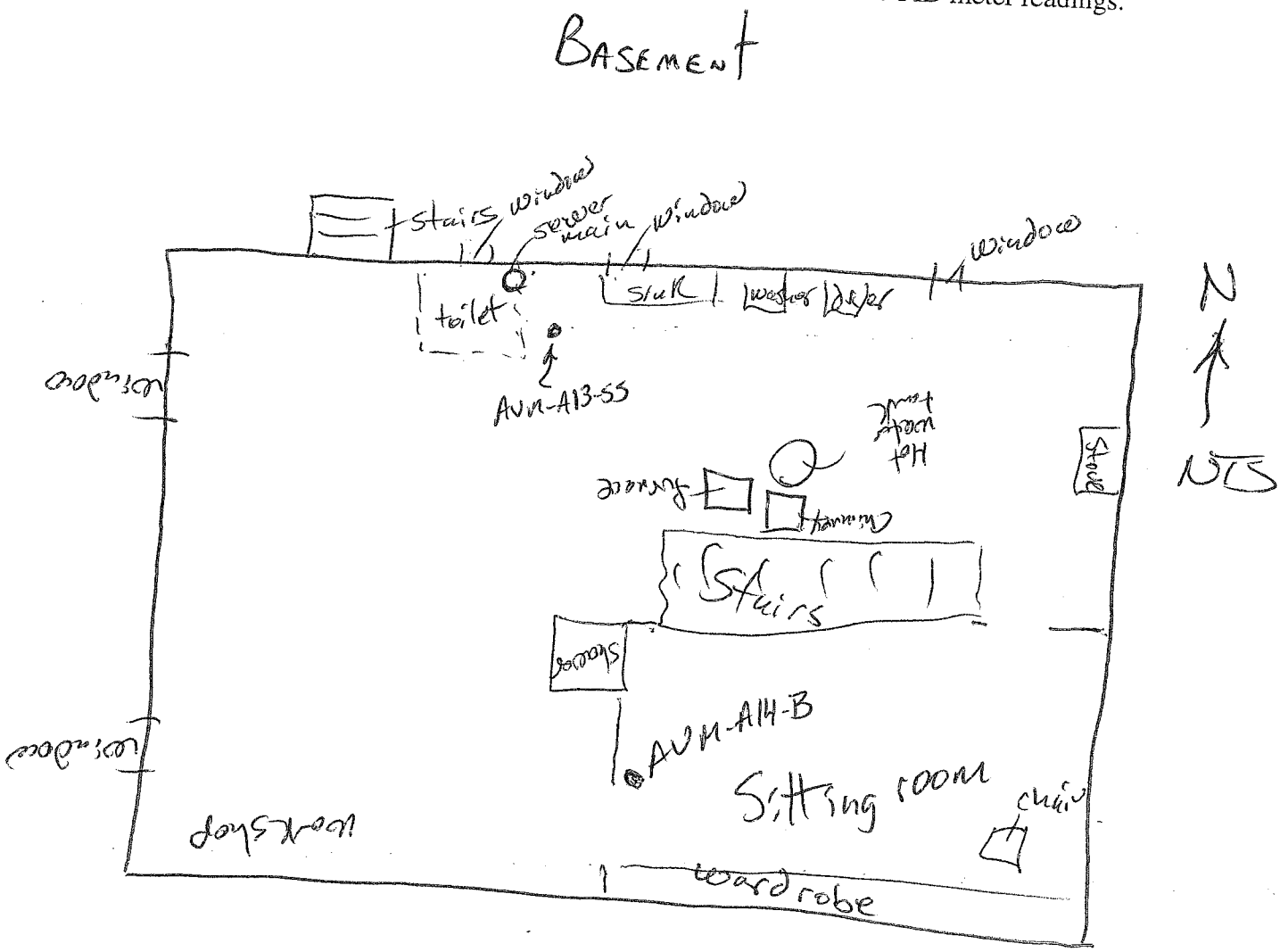
CONSULTING ENGINEERS
A DIVISION OF WILLIAM F. COSULICH ASSOCIATES, P.C.

F. Plan View

Draw a plan view sketch for each floor of the residence and if applicable, indicate air sampling locations, possible indoor air pollution sources and PID meter readings.



Polasik

G. Potential Outdoor Sources of Pollution

Draw a sketch of the area surrounding the residence being sampled. If applicable, provide information on the spill location)if known), potential sir contamination sources (industries, gas stations, repair shops, landfills, etc.), outdoor air sampling location(s) and PID meter readings. Also indicate compass direction, wind direction and speed during sampling, the locations of the well and septic system if applicable, and a qualifying statement to help locate the site on a topographical map.

N/A

Palasik

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H. Household Products Inventory

Product Description (dispenser, size, manufacturer…)	VOC ingredients	PID Reading (ppm)

toilet closet in basement

cleaning supplies on shelf
- Easy-off
- Silver polish
- dish detergent
- comet
- CLR
- Tx-d-bol
- Spray wax - Tone
- Pledge spray wax
- Tilex
- Pine-glo
- Fantastik
- The Works - drain cleaner

Work Shop Area
- Paints
- Car Lubes - WD40
- Pesticides - wasp killer, ant kills, etc
- Glues - Adhesives
- Car wax, cleaners
- Spray adhesive - MPT

Occupant / residence:
Investigator: _____ Date: 4/6/04

Polasik

Dvirka and Bartilucci
CONSULTING ENGINEERS
A DIVISION OF WILLIAM F. COSULICH ASSOCIATES, P.C.

Project Name AVM Gowanda Project Number 2184

Preparer's Name Jack Kuhn Date Prepared 4/5/04

Preparer's Affiliation Dvirka & Bartilucci Consulting Engineers Phone Number 315-437-1142

I. OCCUP

Address: ?

County: (

Home Phon e Number

II. **OWNER OR LANDLORD NAME:** SAME AS ABOVE
(If different from occupant)
Address:

Phone Number:

A. Building Construction Characteristics

Type (circle appropriate responses): Single-Family Multiple-Dwelling Commercial

Ranch	2-Family
Raised-Ranch	Duplex
Split-Level	Apartment House___ Units
Colonial: Number of Floors ____	
Mobile Home	Other: specify ____

Residence Age 54

General Description of Building Construction Materials Wood Frame Vynle side

Is the building insulated? YES / NO How air tight is the building

B. Basement construction characteristics (circle all that apply)

1. Full Basement, crawlspace, slab on grade, other
2. Basement floor: concrete, dirt, other
3. Concrete floor: unsealed, painted, covered with
4. Foundation walls: poured concrete, block, laid up stone, other
5. The basement is: wet, damp, dry Sump present? Y / N Water in sump? Y / N
6. The basement is: finished, unfinished
7. Identify potential soil vapor entry points (e.g. cracks, utility ports, etc.) Generally good condition, 1 AREA HAS SMALL CRACK foundation WALL
8. Describe how air tight the basement is Not tight - BASEMENT HAS WINDOWS

R. Clabeaux

Dvirka and Bartilucci
CONSULTING ENGINEERS
A DIVISION OF WILLIAM F. COSULICH ASSOCIATES, P.C.

C. HVAC (circle all that apply)

1. The type of heating system(s) used in this residence is/are:

Hot Air Circulation	Heat Pump	(Hot Water Radiation)
Unvented Kerosene Heater	Steam Radiation	Wood Stove
Electric Baseboard	Other _____	

2. The ~~type(s) of fuel(s)~~ used is/are:

(~~Natural Gas~~)	Fuel Oil	Electric
Wood	Coal	Solar
Other _____		

3. Is the heating system's power plant located in the basement or another area: YES BASEMENT
4. Is there air-conditioning? Y / (N) Central Air or Window Units
   Specify the location _____
5. Are there air distribution ducts present? Y / (N)
6. Describe the supply and cold air return duct work in the basement including whether there is a cold air return and the tightness of duct joints NONE - HOT WATER RADIATION

D. Potential Indoor Sources of Pollution

1. Has the house ever had a fire? Y / (N)
2. Is there an attached garage? (Y) / N
3. Is a vehicle normally parked in the garage? (Y) / N
4. Is there a kerosene heater present? Y / (N)
5. Is there a workshop, hobby or craft area in the residence? (Y) / N
6. An inventory of all products used or stored in the home should be performed. Any products that contain volatile organic compounds or chemicals similar to the target compounds should be listed. The attached product inventory form should be used for this purpose.
7. Is there a kitchen exhaust fan? (Y) / N
8. Has the house ever been fumigated? If yes, describe date, type and location of treatment. No

E. Water and Sewage (Circle the appropriate response)

Source of ~~Water~~

(Public) Drilled Well Driven Well Dug Well Other _____

Water Well Specifications

Well Diameter _____ Grouted or Ungrouted _____
Well Depth _____ Type of Storage Tank _____
Depth to Bedrock _____ Size of Storage Tank _____
Feet of Casing _____ Water Treatment _____

Water Quality

Taste and/or odor problems? Y / (N) Describe _____
How long has the taste and/or odor been present? N/A

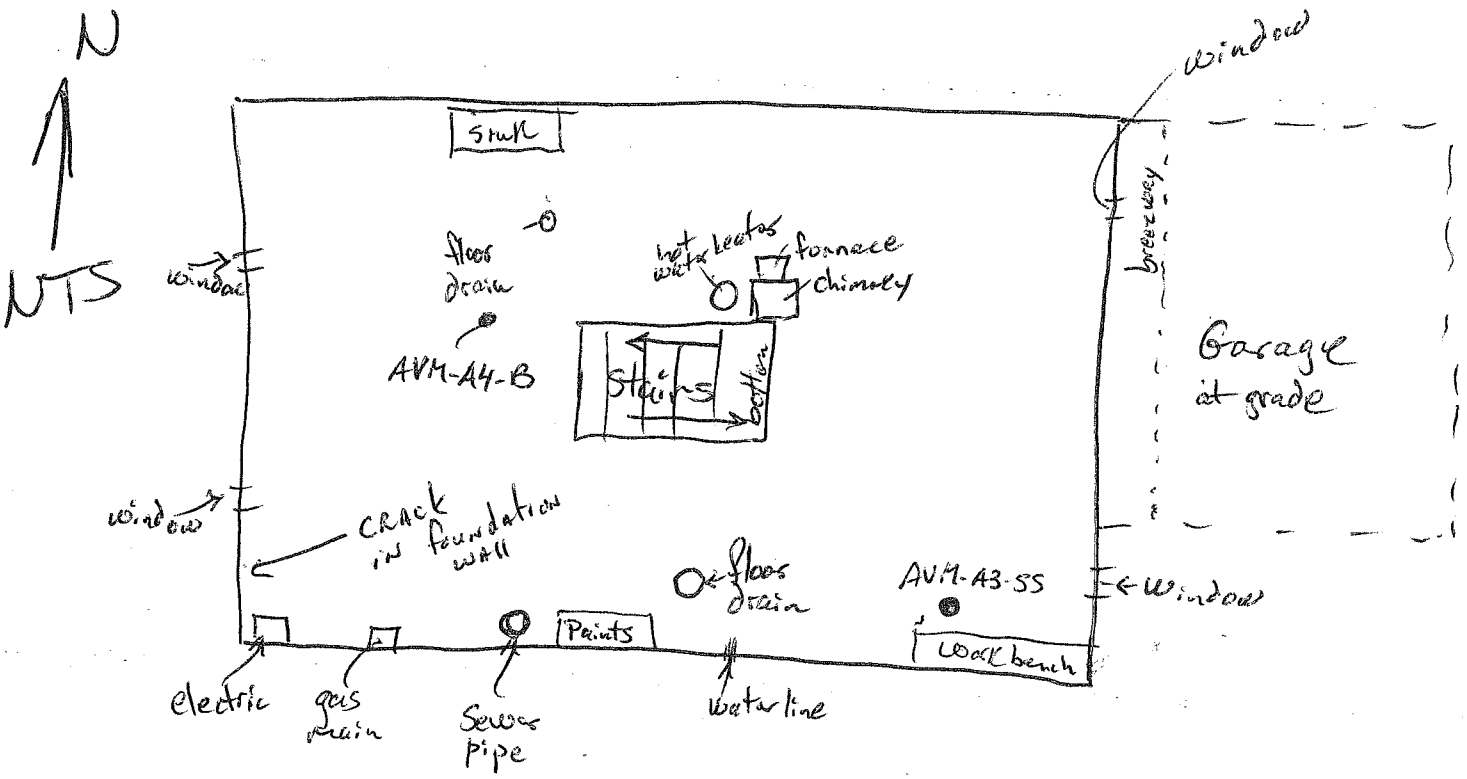
Sewage Disposal (Public) Septic Tank Leach Field Other _____
Distance from well to septic system _____ Type of septic tank additive _____

R. Clabeaux

F. Plan View

Draw a plan view sketch for each floor of the residence and if applicable, indicate air sampling locations, possible indoor air pollution sources and PID meter readings.

BASEMENT



G. Potential Outdoor Sources of Pollution

Draw a sketch of the area surrounding the residence being sampled. If applicable, provide information on the spill location)if known), potential sir contamination sources (industries, gas stations, repair shops, landfills, etc.), outdoor air sampling location(s) and PID meter readings. Also indicate compass direction, wind direction and speed during sampling, the locations of the well and septic system if applicable, and a qualifying statement to help locate the site on a topographical map.

N/A

R. Chabeaux

Dvirka and Bartilucci
CONSULTING ENGINEERS
A DIVISION OF WILLIAM F. COSULICH ASSOCIATES, P.C.

H. Household Products Inventory

Product Description (dispenser, size, manufacturer…)	VOC ingredients	PID Reading (ppm)
1. Paint Cans (20 cans) 1 Gal.	Latex & Oil Cans	Non-detectable PID Readings
2. Paint Cans (3 cans) 1 Qt.		
3. Misc. Car Cleaning Products		

Occupant / residence:
Investigator: J. Kuhn Date: 4/5/04

R. Clabeaux