# APPENDIX B

INDOOR AIR QUALITY QUESTIONNAIRES



Project Number 2184
Date Prepared
Consulting Engineers Phone Number 315-437-1142
Office Phone Number
2-Family Duplex Apartment HouseUnits  Other: specify  action Materials
w air tight is the building
(circle all that apply)
rade, other



C. HVAC	(circle a	all that	apply)
---------	-----------	----------	--------

D.

E.

1. The type of heating system(s) used	in this residence is/are:	
Hot Air Circulation	Heat Pump	Hot Water Radiation
Unvented Kerosene Heater	-	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 o	r another area:
4. Is there air-conditioning? Y/N		
Specify the location		
5. Are there air distribution ducts pres	ent? Y/N	
6. Describe the supply and cold air re	turn duct work in the base	ement including whether there
is a cold air return and the tightness		
	· · · · · · · · · · · · · · · · · · ·	The second secon
Potential Indoor Sources of Pollution		
1. Has the house ever had a fire? Y		
2. Is there an attached garage? Y / N		
3. Is a vehicle normally parked in the	9 9	
4. Is there a kerosene heater present?		
5. Is there a workshop, hobby or craft		
6. An inventory of all products use		
products that contain volatile or		
compounds should be listed. The	attached product inventor	y form should be used for this
purpose.		
7. Is there a kitchen exhaust fan? Y	= :	
8. Has the house ever been fumigated	? If yes, describe date, typ	be and location of treatment.
Water and Sewage (Circle the appro	priate response)	
Source of Water		
	ll Driven Well Dug W	ell Other
Water Well Specifications		
Well Diameter	Grouted or Ungrouted	
Well Depth	Type of Storage Tank	
Depth to Bedrock	Size of Storage Tank	, P11448
Feet of Casing	Water Treatment	
Water Quality		
Taste and/or odor problem	s? Y/N Describe	
How long has the taste and	l/or odor been present?	***
	tic Tank Leach Field	Other
Distance from well to septic system	m Type of septic	tank additive







Product Description (dispenser, size, manufacturer...)

VOC ingredients

PID Reading (ppm)

Occupant / residence:	
Investigator:	Date:

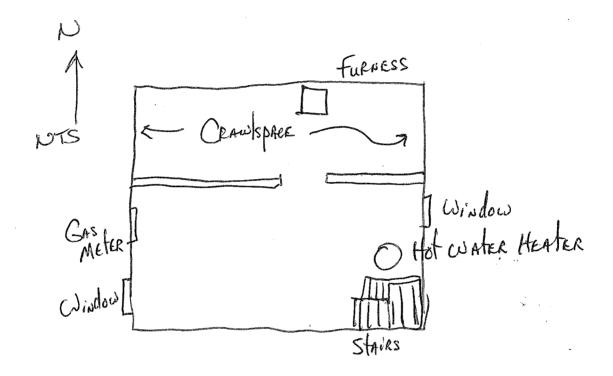


Project Name AVM Gowanda	_ Project Number2184
Preparer's Name <u>Jack Kuhn</u>	Date Prepared 9/22/04
Preparer's Affiliation <u>Dvirka &amp; Bartilucci Consulting Engineers</u>	
I. OCCUPANT NAME;	
Address:	<u>'</u>
County: _	
Home Phone Number Office Phone Number	r
II. OWNER OR LANDLORD NAME: _ (If different from occupant) Address:	
Phone Number:	
Type (circle appropriate responses): Single-Family Multiple-IR Ranch 2-Family Raised-Ranch Duplex  Split-Level Apartment House Colonial Number of Floors Mobile Home Other: specify  Residence Age General Description of Building Construction Materials	_ Units
Is the building insulated YES NO How air tight is the building	ing
B. Basement construction characteristics (circle all that apply)	)
<ol> <li>Full Basement, crawlspace, slab on grade, other</li></ol>	NA mer Water in sump? Y / N
8. Describe how air tight the basement is poor, stone	wall



C. HVAC (circle all that apply)		
1. The type of heating system(s) used in		
(Hot Air Circulation	Heat Pump	Hot Water Radiation
Unvented Kerosene Heater		Wood Stove
Electric Baseboard	Other	-
2. The type(s) of fuel(s) used is/are:	·	
Natural Gas	Fuel Oil	Electric
Wood	Coal	Solar
Other		0. 1.
3. Is the heating system's power plant lo		
4. Is there air-conditioning? Y(N)		low Units
Specify the location		lá c
5. Are there air distribution ducts preser	it? Y/N PARTI	Ally
6. Describe the supply and cold air retu	rn duct work in the ba	sement including whether there
is a cold air return and the tightness of	of duct joints	ly good condition, Apple
		13 / 19-
		(
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 ga		
4. Is there a kerosene heater present?		
5. Is there a workshop, hobby or craft as		Y/N-not in besome of
6. An inventory of all products used products that contain volatile org compounds should be listed. The apurpose.	or stored in the hon anic compounds or c ttached product invent	ne should be performed. Any chemicals similar to the target
7. Is there a kitchen exhaust fan? Y /		
8. Has the house ever been fumigated?	If yes, describe date, t	ype and location of treatment.
E. Water and Sewage (Circle the approp	riate response)	
Source of Water		
	Driven Well Dug V	Well Other
Water Well Specifications		
Well Diameter	<ul> <li>Grouted or Ungrout</li> </ul>	ed
Well Depth	Type of Storage Tar	nk
Depth to Bedrock	Size of Storage Tan	k
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) Seption	c Tank Leach Field	Other
Distance from well to septic system	Type of sept	ic tank additive









Product Description (dispenser, size, manufacturer...)

VOC ingredients

PID Reading (ppm)

3-5 gallon Kerosene cans empty

Occupant / residence:	
Investigator:	Date:

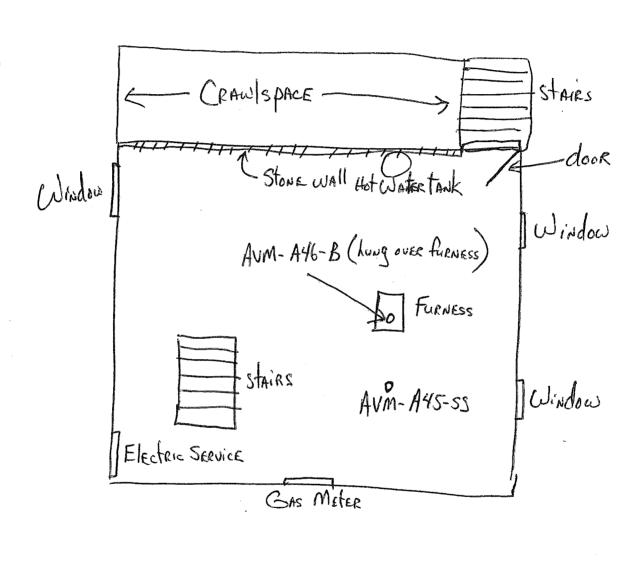


Project Name AVM Gowanda	·	Project Number 2184
Preparer's Name Ack Kuhn		Date Prepared 9/22/04
Preparer's Affiliation Dvirka & Bartilucci C		•
I. OCCUPANT NAME; (	· ·	
Address:		NY
County:		1
Home Phone Number	Office Phone Number	
II. OWNER OR LANDLORD NAME: _ (If different from occupant) Address:		
Phone Number:		
Colonial? Number of Floors	gle-Family Multiple-I 2-Family Duplex Apartment House Other: specify	Units
Is the building insulated? YES / NO Horasteristics  B. Basement construction characteristics		
1. Full Basement crawlspace, slab on gr 2. Basement floor: concrete dirt, other_ 3. Concrete floor: unsealed painted, cov 4. Foundation walls: poured concrete, bi 5. The basement is: wet, damp, dry 6. The basement is: finished unfinished 7. Identify potential soil vapor entry poi	rade, othervered with lock laid up stone, other Sump present? Y N nts (e.g. cracks, utility	er Water in sump? Y / N



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 le	ocated in the basement	or another area:
4. Is there air-conditioning? Y(N)	Central Air or Wind	ow Units
Specify the location		
5. Are there air distribution ducts prese	nt? Y (N)	
6. Describe the supply and cold air retu	arn duct work in the bas	sement including whether there
is a cold air return and the tightness		
	/	
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 g	C	
4. Is there a kerosene heater present?		
5. Is there a workshop, hobby or craft a	rea in the residence?	/ / N
6. An inventory of all products used	or stored in the hom	e should be performed. Any
products that contain volatile org	ganic compounds or c	hemicals similar to the target
compounds should be listed. The a	ittached product invento	ory 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, ty	pe and location of treatment.
E. Water and Sewage (Circle the approp	oriate response)	
Source of Water		
Double of these of		
	Driven Well Dug V	Vell Other
Public Drilled Well	Driven Well Dug V	Vell Other
Public Drilled Well Water Well Specifications		
Public Drilled Well Water Well Specifications Well Diameter	Grouted or Ungroute	ed
Public Drilled Well Water Well Specifications Well Diameter Well Depth	_ Grouted or Ungroute _ Type of Storage Tan	ed k
Public Drilled Well Water Well Specifications Well Diameter Well Depth Depth to Bedrock	<ul><li>Grouted or Ungroute</li><li>Type of Storage Tan</li><li>Size of Storage Tan</li></ul>	ed k c
Public Drilled Well Water Well Specifications Well Diameter Well Depth Depth to Bedrock Feet of Casing	<ul><li>Grouted or Ungroute</li><li>Type of Storage Tan</li><li>Size of Storage Tan</li></ul>	ed k
Public Drilled Well Water Well Specifications Well Diameter Well Depth Depth to Bedrock Feet of Casing Water Quality	Grouted or Ungroute Type of Storage Tan Size of Storage Tanl Water Treatment	edk
Public Drilled Well Water Well Specifications Well Diameter Well Depth Depth to Bedrock Feet of Casing Water Quality Taste and/or odor problems	Grouted or Ungroute Type of Storage Tan Size of Storage Tanl Water Treatment  Y/N Describe	ed k c
Public Drilled Well  Water Well Specifications  Well Diameter  Well Depth  Depth to Bedrock  Feet of Casing  Water Quality  Taste and/or odor problems  How long has the taste and/	Grouted or Ungrouted Type of Storage Tanl Size of Storage Tanl Water Treatment Y/Or Odor been present?	edk









Product Description (dispenser, size, manufacturer...)

VOC ingredients

PID Reading (ppm)

1. LAUNDRY CLEANING PRODUCTS

Occupant / residence:	
Investigator:	Date:

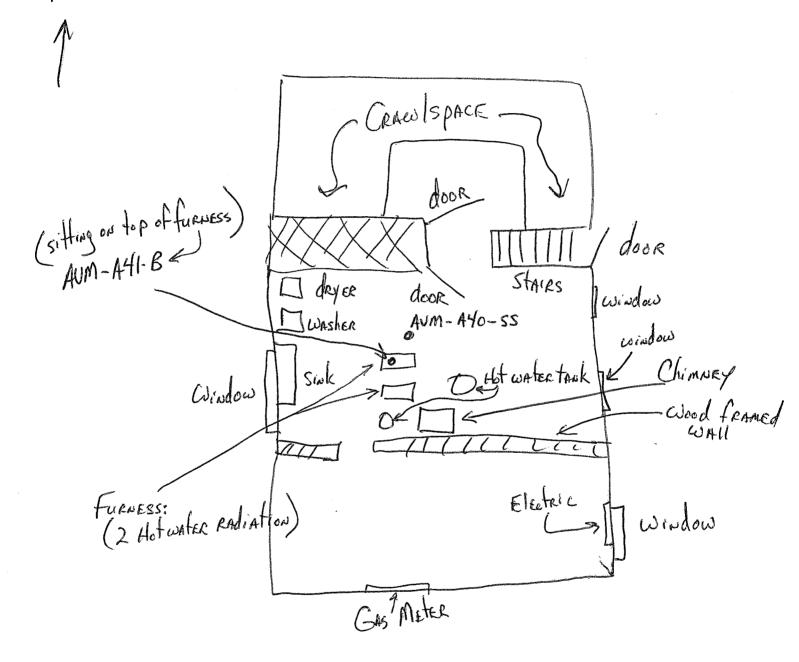


Project Name AVM Gowanda		_ Project Number2184
Preparer's Name Ack Kahn		Date Prepared 9/22/04
Preparer's Affiliation <u>Dvirka &amp; Bartilucci</u> (	Consulting Engineers	Phone Number 315-437-1142
I. OCCUPANT NAME:	•	
Address:		Y
County:		
Home Phone Number	Office Phone Number	r
II. OWNER OR LANDLORD NAME: _ (If different from occupant) Address:		
Phone Number:		
Colonial Number of Floors	2-Family Duplex Apartment House Other: specify	Units
Is the building insulated? YES / NO Ho	w air tight is the buildi	ng
B. Basement construction characteristics		
6. The basement is: finished unfinished 7. Identify potential soil yapor entry points.	vered withlock, laid up stone, oth Sump present? Y N  nts (e.g. cracks, utility oun dation wall	er ) Water in sump? Y / N  ports, etc.)    S



C. HVAC (circle all that apply)		
1. The type of heating system(s) used in	this residence is	s/are:
Hot Air Circulation	Heat Pump	Hot Water Radiation
Unvented Kerosene Heater	Steam Radiation	on 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 lo	cated in the base	ement or another area:
4. Is there air-conditioning? Y/N	Central Air or	Window Units
Specify the location		
5. Are there air distribution ducts presen	it? Y(N)	
6. Describe the supply and cold air return	rn duct work in	the basement including whether there
is a cold air return and the tightness o	of duct joints	NA
***		/
D. Potential Indoor Sources of Pollution		
1. Has the house ever had a fire? Y / I	N	
2. Is there an attached garage? Y / N		
3. Is a vehicle normally parked in the ga	rage? Y / N	
4. Is there a kerosene heater present? Y	7 / N	
5. Is there a workshop, hobby or craft are	ea in the residen	ice? Y / N
6. An inventory of all products used	or stored in th	e home should be performed. Any
products that contain volatile orga	anic compounds	or chemicals similar to the target
compounds should be listed. The at	tached product i	inventory form should be used for this
purpose.	ı	y with another of about for this
7. Is there a kitchen exhaust fan? Y / ]		
8. Has the house ever been fumigated?	If yes, describe	date, type and location of treatment
	, ,	
E. Water and Sewage (Circle the appropri	riate resnonca)	
Source of Water	time response)	
	Driven Well	Dug Well Other
Water Well Specifications	Dirven Wen	Dug Well Other
	Grouted or Ur	ngrouted
Well Denth	Type of Store	ge Tank
Depth to Redrock	size of Stores	ge Tank
Feet of Casing	Woter Treatm	er t alik
Water Quality	_ water rreatin	ent
	V/N Decemb	
How long has the tests and the	1 / IN Describ	e
Sewage Disposal (Public) Septic	Tonic Teen pres	sent?
Sewage Disposal Public Septic  Distance from well to septic system	rank Leach	Field Other
Distance from well to septic system	1 ype o	of septic tank additive









Product Description (dispenser, size, manufacturer...)

VOC ingredients

PID Reading (ppm)

1. LAUNDRY CLEANING PRODUCTS

Occupant / residence:	
Investigator:	Date:

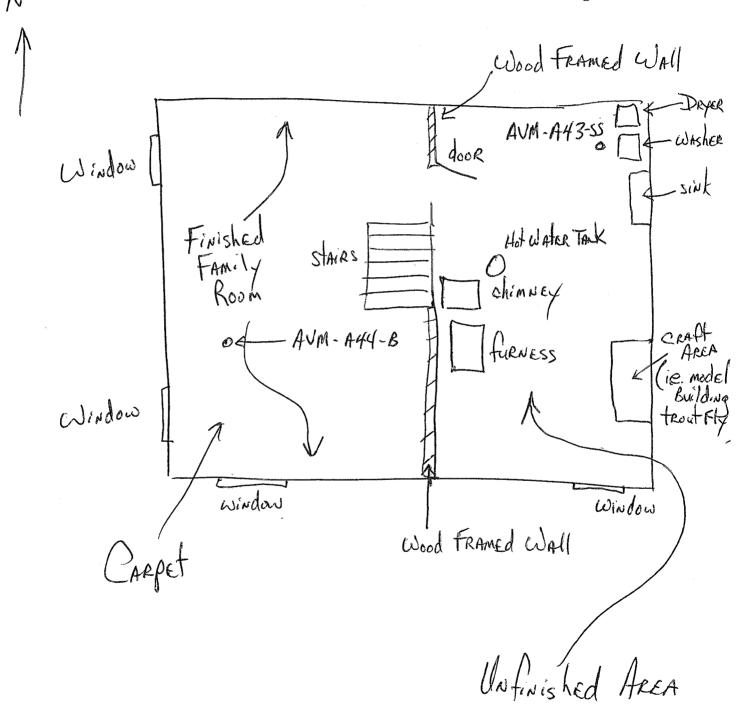


Project Name AVM Gowanda	Project Number 2184
Preparer's Name TACK Kuhn	Date Prepared 92204
Preparer's Affiliation <u>Dvirka &amp; Bartilucci Consulting Engineers</u>	
I. OCCUPANT NAME:	
Address:	. VY
County:	•
County:	er
II. OWNER OR LANDLORD NAME:  (If different from occupant)  Address:	
Phone Number:	
A. Building Construction Characteristics  Type (circle appropriate responses): Single-Family Multiple-Ranch Ranch Raised-Ranch Split-Level Colonial: Number of Floors Mobile Home Other: specify Residence Age General Description of Building Construction Materials	_ Units
Is the building insulated? YES / NO How air tight is the build	ing
B. Basement construction characteristics (circle all that apply	
	Water in sump? Y/N  HALF UN finished  ports, etc.)



C. HVAC (circle all that apply)		
1. The type of heating system(s) used in	this residence island	
Hot Air Circulation		TI-4 XV-4. D. P. C.
Unvented Kerosene Heater	Heat Pump Steam Radiation	Hot Water Radiation
Electric Baseboard		Wood Stove
	Other	
2. The type(s) of fuel(s) used is/are:	E 10'1	
Natural Gas	Fuel Oil	Electric
Wood	Coal	Solar
Other		
3. Is the heating system's power plant lo		
4. Is there air-conditioning? Y (N)	Central Air or Wind	ow Units
Specify the location		
5. Are there air distribution ducts preser		
6. Describe the supply and cold air retu	rn duct work in the bas	sement including whether there
is a cold air return and the tightness of	of duct joints	
Air ducts ARE tight	and in acou	Condition
The places that the	71-01 100 4000	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 ga	arage? Y / N	
4. Is there a kerosene heater present?	0	
5. Is there a workshop, hobby or craft a		7 / N
6. An inventory of all products used		
products that contain volatile org	anic compounds or cl	hemicals similar to the target
compounds should be listed. The a	ttached product invento	ory form should be used for this
purpose.	manda product myonic	by form should be used for time
7. Is there a kitchen exhaust fan? Y /	N	
8. Has the house ever been fumigated?		one and location of transment
of the the nouse ever seen fullinguited;	ir yes, describe date, ty	pe and location of treatment.
E Water and Comment (Circle 4)	• ,	
E. Water and Sewage (Circle the approp	riate response)	
Source of Water	** 1 *** 44 ** ***	
	Driven Well Dug V	Vell Other
Water Well Specifications		
Well Diameter	<ul> <li>Grouted or Ungroute</li> </ul>	ed
Well Depth	Type of Storage Tan	k
Depth to Bedrock	Size of Storage Tank	<u> </u>
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 Seption	c Tank Leach Field	Other
Distance from well to septic system		ic tank additive









H.	Household	<b>Products</b>	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 Cleanine Products
4. Modeling Paints for hobby shop (100 + 14ml bottles)

Occupant / residence: Investigator:\_ \_\_\_\_\_ Date: \_\_\_\_

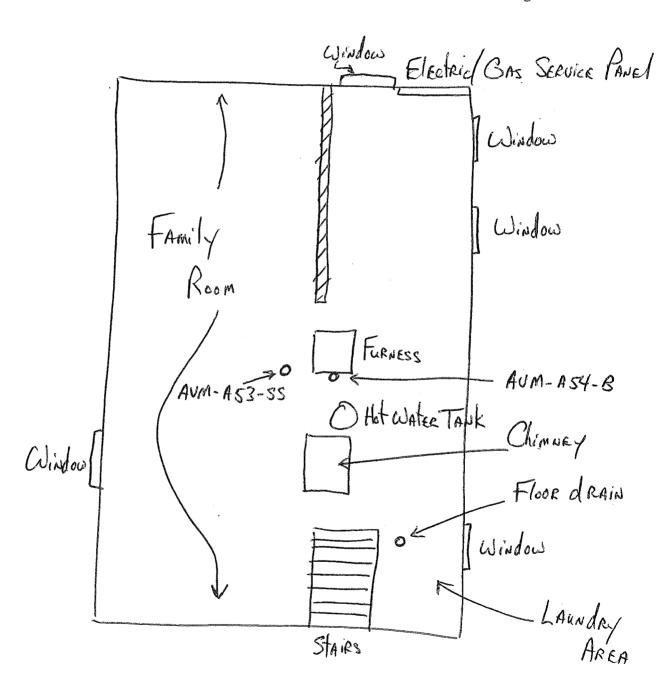


Project Name AVM Gowanda	Project Number 2184
Preparer's Name JACK Kuhn	
Preparer's Affiliation <u>Dvirka &amp; Bartilucci Consulting Engineers</u>	Phone Number 315-437-1142
I. OCCUPANT NAME: _	
Address:_	
County: _	
Home Phone Number Office Phone Numb	er
II. OWNER OR LANDLORD NAME:(If different from occupant) Address:	
Phone Number:	
Ranch Raised-Ranch Raised-Ranch Split-Level Colonial: Number of Floors Mobile Home Residence Age General Description of Building Construction Materials  Is the building insulated? YES) NO How air tight is the building	Rick Exterior / Wood FRAM
B. Basement construction characteristics (circle all that apply	7)
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	(lino lewn) her N Water in sump? Y/N y ports, etc.) Floor drain;



THE STATE OF THE S				
C. HVAC (circle all that apply)		FUENESS	is NEW-REPLACED  IAST 5 YRS	
1. The type of heating system(s) used in	this residence is	/are:	last 5 yes	
Hot Air Circulation	Heat Pump	, urc.	Hot Water Radiation	
Unvented Kerosene Heater	Steam Radiation	n	Wood Stove	
Electric Baseboard	Other		W 000 210 VE	
2. The type(s) of fuel(s) used is/are:				
(Natural Gas	Fuel Oil		Electric	
Wood	Coal		Solar	
Other	- COM		30181	
3. Is the heating system's power plant lo	ocated in the base	ement or anot	ther oron	
4. Is there air-conditioning? Y N	Central Air or	Window Ur	vite	
Specify the location		Willdow OI	iits	
5. Are there air distribution ducts presen	nt? (Y) N			
6. Describe the supply and cold air retu	rn duct work in	the basement	including whother there	
is a cold air neturn and the tightness of	of duct joints	Air duct	ARE Tick to	
_ condition		The Contract of	TIKE TOURT HIND	in go
The state of the s			41	
<b>D.</b> Potential Indoor Sources of Pollution	0-			
1. Has the house ever had a fire? Y /	$\hat{N}$			
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			•	
5. Is there a workshop, hobby or craft ar	ea in the residen	ce? Y/N	)	
6. An inventory of all products used	or stored in the	e home show	/ Ild be performed App	,
products that contain volatile orga	anic compounds	or chemics	als similar to the torque	
compounds should be listed. The at	tached product in	nventory for	n should be used for this	
purpose.	product i	nventory tori	if should be used for this	
7. Is there a kitchen exhaust fan? Y /	N			
8. Has the house ever been fumigated?		late type and	Location of treatment	
	Io	iato, type and	riocation of treatment.	
E. Water and Sewage (Circle the appropr	riata ragnanga)			
Source of Water	riate response)			
	Driven Well	Dug Wall	041	
Water Well Specifications	Direct Well	Dug Well	Other	
Well Diameter	Grouted or Un	omouted.		
Well Depth	Type of Stores	igiouled		
Depth to Redrock	_ Type of Storag	ge rank		
Depth to Bedrock	_ Size of Storage	e rank		
Feet of Casing Water Quality	_ water rreating	311t		
	V/N Dosomile	•		
Taste and/or odor problems?	1 / IV Describe			
How long has the taste and/o Sewage Disposal (Public) Seption	Tople I T	Cill!		
Distance from well to septic system	rank Leach f	rieid Other	11	
Distance from well to septic system	1 ype o	i septic tank	additive	









Product Description (dispenser, size, manufacturer...)

VOC ingredients

PID Reading (ppm)

1.	1 GAL PAINT CANS
2.	Spray Paint Cans CARPENTER'S Wood Glue
3	CARPENTER'S Wood GluE
4.	House hold Cleaning Product
5.	LAUNDRY CLEANING Products
6	Silicone Tub & RAth Chall

Occupant / residence:		
Τ ,• ,		 
Investigator:	Dotos	
Buto1.	 Date:	

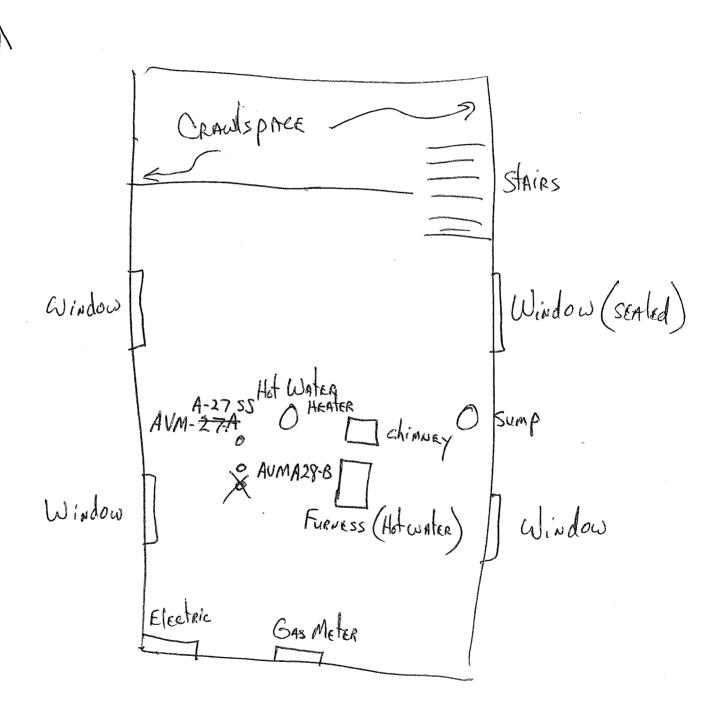


Project Name AVM Gowanda	Project Number 2184
Preparer's Name Tack Kuhn	Date Prepared 9/20/04
Preparer's Affiliation <u>Dvirka &amp; Bartilucci Consulting Engineers</u>	•
I. OCCUPANT NAME;	
Address	
County:	
Home Phone Number 7/6) 53) - 4097 Office Phone Number	or
II. OWNER OR LANDLORD NAME:(If different from occupant)	
Address: Phone Number:	
Type (circle appropriate responses): Single-Family Multiple-Ranch 2-Family Raised-Ranch Duplex Split-Level Apartment House_ Colonial Number of Floors Mobile Home Other: specify Residence Age/OO + General Description of Building Construction Materials/ Is the building insulated? YES / NO How air tight is the build	Units  Dod FRAME
6. The basement is: finished unfinished 7. Identify potential soil vapor entry points (e.g. cracks, utility	diagram  ner  Water in sump? Y N



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 Radiatio	
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 lo	ocated in the base	ement or another area:
4. Is there air-conditioning? Y/(N)		Window Units
Specify the location		
5. Are there air distribution ducts presen		
6. Describe the supply and cold air retu	rn duct work in	the basement including whether there
is a cold air return and the tightness of	of duct joints	1
		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	)	
3. Is a vehicle normally parked in the ga	arage? Y / N	
4. Is there a kerosene heater present?	(N)	2 22 (62)
5. Is there a workshop, hobby or craft at	rea in the residen	ce? Y/(N)
6. An inventory of all products used	or stored in th	e home should be performed. Any
products that contain volatile org	anic compounds	s or chemicals similar to the target
	ttached product i	nventory form should be used for this
purpose.		
7. Is there a kitchen exhaust fan? Y /(		
8. Has the house ever been fumigated?	if yes, describe	late, type and location of treatment.
F Water and Sawage (Circle the annuar	wiete week	
E. Water and Sewage (Circle the approp Source of Water	oriate response)	
	Driven Well	Dug Well Other
Water Well Specifications	Directi West	Dug Well Other
	Grouted or U	ngrouted
Well Denth	_ Grouted of Of Type of Stora	ge Tank
Well Depth Type of Storage Tank Depth to Bedrock Size of Storage Tank		
Feet of Casing	_ Water Treatm	ent
Water Quality		
	? Y/N Describ	e
How long has the taste and/	or odor been pres	sent?
Sewage Disposal Public Septi	c Tank Leach	Field Other
Distance from well to septic system	Type (	of septic tank additive
		-









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 Cons
4.	Insect Spray Killer (Wasps)
5.	GENERAL Household Cleaning Products

Occupant / residence:	
Investigator:	Date:



Project Name AVM Gowanda	_ Project Number2184
Preparer's Name	Date Prepared 9/20/04
Preparer's Affiliation <u>Dvirka &amp; Bartilucci Consulting Engineers</u>	_Phone Number <u>315-437-1142</u>
I. OCCUPANT NAME;	HORD: CONRAD- TENANT
Address:_	<u>'0</u>
County: _	
Home Phone Number 7/6/358-5373 Office Phone Number	er
II. OWNER OR LANDLORD NAME: GREGORY WAS (If different from occupant)  Address:	h/
Phone Number:	
A. Building Construction Characteristics  Type (circle appropriate responses): Single-Family Multiple-Ranch Ranch Raised-Ranch Split-Level 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 build	Units  od Frame
6. The basement is: finished unfinished 7. Identify potential soil vapor entry points (e.g. cracks, utility	H BASEMENT / half CRAWISPACE  her  Water in sump? Y/N  1. L N



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 lo	ocated in the basement	or another area:
4. Is there air-conditioning? Y/N Specify the location	Central Air or Wind	low Units
5. Are there air distribution ducts preser	nt? Y/N	
6. Describe the supply and cold air retu	irn duct work in the ba	sement including whether there
is a cold air return and the tightness of	of duct joints	sement mending whether there
and the second second state of the second se	51 <b>ddot</b> Johnts	
D. Potential Indoor Sources of Pollution		PRESENT-NUT Able 7 ANSWER QUEST. LANDLORD NOT PRESE
1. Has the house ever had a fire? Y /	N KNANT	PRESENT- NUT Able 7
2. Is there an attached garage? Y / N	11	ANSWER QUEST
3. Is a vehicle normally parked in the ga	araga? V / N	1 11 01 1
4. Is there a kerosene heater present?	rage! I / IN	LANDIORD NOT PRESE
5. Is there a workshop, hobby or craft at		
6. An inventory of all products used	om stored in the leave	I / IN
6. An inventory of all products used	or stored in the non	ne should be performed. Any
products that contain volatile org	anic compounds or c	hemicals similar to the target
compounds should be listed. The a	ttached product invent	ory form should be used for this
purpose.	NT	
7. Is there a kitchen exhaust fan? Y /		
8. Has the house ever been fumigated?	If yes, describe date, t	ype and location of treatment.
E. Water and Sewage (Circle the approp	riate response)	
Source of Water		
Public Drilled Well	Driven Well Dug V	Well Other
Water Well Specifications		
Well Diameter	<ul> <li>Grouted or Ungrout</li> </ul>	ed
Well Depth	Type of Storage Tar	ık
Depth to Bedrock	_ Size of Storage Tan	k
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 Seption	c Tank Leach Field	Other
Distance from well-to-septic system	Type of sept	ic tank additive
- · · ·	1	



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.

window — Electrical





Product Description (dispenser, size, manufacturer...)

VOC ingredients

PID Reading (ppm)

No products stored in basement.

Occupant / residence:		
Investigator:	Date:	



Project Number 2184,
Date Prepared 92004
sulting Engineers Phone Number 315-437-1142
270-1401
(
fice Phone Number
-Family Multiple-Dwelling Commercial Family uplex partment House Units 2 ther: specify on Materials FRAME
ir tight is the building Attic - Fiberglass rcle all that apply)
e, other  ed with  ex, laid up stone, other  amp present? YN Water in sump? Y/N  (e.g. cracks, utility ports, etc.)  Ame minor charts in foundation wall  fairly fight (medium)

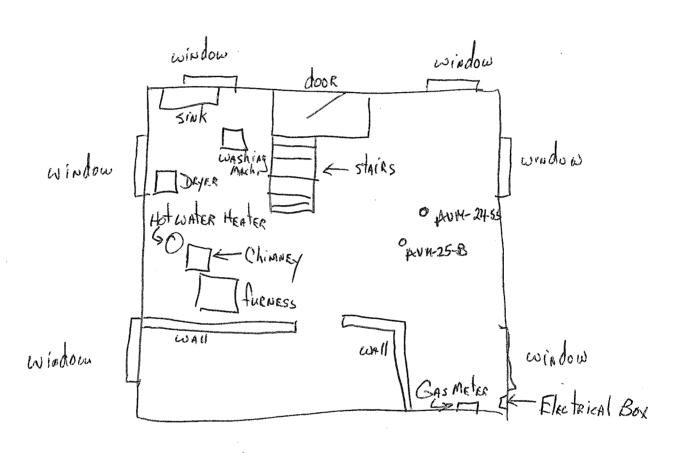


C. HVAC (circle all that apply)		
1. The type of heating system(s) used in	this residence is/are:	
Hot Air Circulation	Heat Pump	Hot Water Radiation
Unvented Kerosene Heater	Steam Radiation	Wood Stove
Electric Baseboard	Other	
2. The type(s) of fuel(s) used is/are:		
(Natural Gas)	Fuel Oil	Electric
Wood	Coal	Solar
Other		
3. Is the heating system's power plant lo	cated in the basement or anot	her area:
4. Is there air-conditioning? Y/N	Central Air or Window Un	
Specify the location		
5. Are there air distribution ducts presen	t? <b>(</b> Y)/ N	
6. Describe the supply and cold air return	rn duct work in the basement	including whether, there
is a cold air return and the tightness o	f duct joints Duct work	Kis in good coudi
And fight		
14941-1444	***************************************	
D. Potential Indoor Sources of Pollution		
1. Has the house ever had a fire? Y		
2. Is there an attached garage? Y /N		
3. Is a vehicle normally parked in the ga	rage2 Y	
4. Is there a kerosene heater present? Y	N	
5. Is there a workshop, hobby or craft ar		)
6. An inventory of all products used	or stored in the home show	Id he performed Any
products that contain volatile orga	on stored in the home short	de similar to the torret
compounds should be listed. The at purpose.	rached product inventory for	ii should be used for this
	N. )	
7. Is there a kitchen exhaust fan? Y	IN II I	
8. Has the house ever been fumigated?	If yes, describe date, type and	l location of treatment.
	8	
E. Water and Sewage (Circle the approp	riate response)	
Source of Water		
	Driven Well Dug Well	Other
Water Well Specifications		
Well Diameter	_ Grouted or Ungrouted	
Well Depth	_ Type of Storage Tank	
	_ Size of Storage Tank	
Feet of Casing	_ Water Treatment	
Water Quality		
• •	? Y/N Describe	
How long has the taste and/o	or odor been present?	
Sewage Disposal Public Seption	c Tank Leach Field Othe	r
Distance from well to sentic system	Type of centic tank	additive



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.

7







Product Description (dispenser, size, manufacturer...)

VOC ingredients

PID Reading (ppm)

ħ	Spectencide Grass & WEED KillER	(1.GAL)	3 CONTAINERS
2.	Spectencide Grass & WEED KillER Household Cleaning Products		
3,	Misc. 1 Gal Paint CANS		
	LAUNDRY CLEANING PROJUCTS		
	/		

Occupant / residence:	
Investigator:	Date:



Project Name AVM Gowanda	_ Project Number2184
Preparer's Name TACK Kuhn	Date Prepared 9/20/04
Preparer's Affiliation <u>Dvirka &amp; Bartilucci Consulting Engineers</u>	
I. OCCUPANT NAME: _	
Address:	NY
County:	
Home Phone Number 7/6) 451-719/ Office Phone Number	r
II. OWNER OR LANDLORD NAME:(If different from occupant) Address:	
Phone Number:	
A. Building Construction Characteristics  Type (circle appropriate responses): Single-Family Multiple-Ranch Ranch Raised-Ranch Duplex Split-Level Colonial: Number of Floors Mobile Home Other: specify Residence Age General Description of Building Construction Materials	_ Units
Is the building insulated? YES / NO How air tight is the building	ing
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, oth  5. The basement is: wet, damp, dry Sump present? Y N  6. The basement is: finished unfinished  7. Identify potential soil vapor entry points (e.g. cracks, utility  floor; foundation walls in good conditions  8. Describe how air tight the basement is	eer Water in sump? Y / N



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		Solution
3. Is the heating system's power plant lo	cated in the basement	or another area:
4. Is there air-conditioning? Y N	Central Air or Wind	ow Units
Specify the location		
5. Are there air distribution ducts preser	nt? YN	
6. Describe the supply and cold air retu	rn duct work in the bas	Sement including whether there
is a cold air return and the tightness of	of duct joints $A/A$	A
	3 <del>- 10//</del>	
<b>D. Potential Indoor Sources of Pollution</b>		
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 ga	rage? Y / N	
4. Is there a kerosene heater present?		
5. Is there a workshop, hobby or craft ar		7 / N
6. An inventory of all products used	or stored in the hom	e should be performed. Any
products that contain volatile org	anic compounds or cl	hemicals similar to the target
compounds should be listed. The at	ttached product invento	ory form should be used for this
purpose.	product in voice	ry form should be used for this
7. Is there a kitchen exhaust fan? Y /	N	
8. Has the house ever been fumigated?	- ·	me and location of treatment
		pe and recation of treatment.
E. Water and Sewage (Circle the approp	miata magnanga)	
Source of Water	riate response)	
	Driven Well Dug W	Vol1 04h
Water Well Specifications	Direct Well Dug V	Vell Other
	Grouted or Unaroute	ed
Well Denth	Type of Storage Ten	
Denth to Redrock	_ Type of Storage Tail	k
Feet of Casing	Water Treatment	
Water Quality	_ water rreatment	
	V/N Describe	
How long has the taste and le	or odor been proceed?	
Sewage Disposal Dublic Continue	Topk Least Field	Odlan
Sewage Disposal Public Septio	Tank Leach Field	Otner
Distance from well to septic system	1 ype of septi	c tank additive



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.

Libod FRAME WAll

GROWDWATER
WEll (hand pump

Glectric

Jenness

AVM-A39-8

STATES

O HOTWATER TANK

SINK

SINK

Waldow

LJ-Ndow

DORRORDED UP





Product Description (dispenser, size, manufacturer...)

VOC ingredients

PID Reading (ppm)

No products stored in basement.

Occupant / residence:		
Investigator:	Date:	



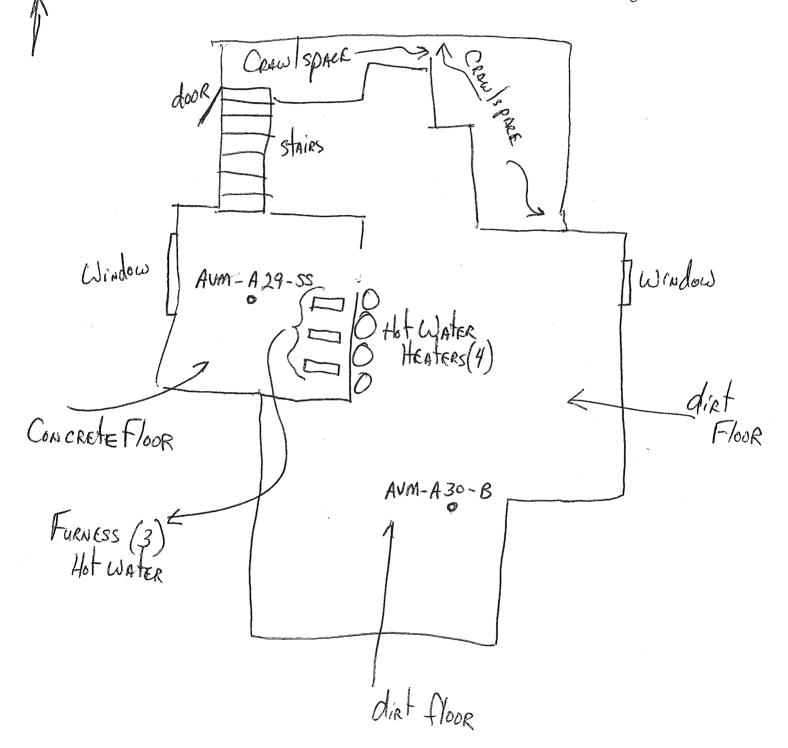
Project Name AVM Gowanda	Project Number 2184
Preparer's NameAck Kuhn	Date Prepared 930/04
Preparer's Affiliation Dvirka & Bartilucci C	onsulting Engineers Phone Number 315-437-1142
I. OCCUPANT NAME:	estrot S. Gow.
Address:	anda, NY
County:	
Home Phone Number	Office Phone Number
II. OWNER OR LANDLORD NAME (If different from occupant) Address:  Phone Number: 476 532-5	
Ranch Raised-Ranch Split-Level Colonial: Number of Floors Mobile Home	agle-Family Multiple-Dwelling Commercial  2-Family  Duplex  Apartment House Units
Is the building insulated? YES / NO Ho  B. Basement construction characteristics  1. Full Basement, crawlspace, slab on a  2. Basement floor: concrete, dirt; other  3. Concrete floor unsealed, painted, concrete floor unsealed, painted, concrete, b  5. The basement is: wet, damp dry  6. The basement is: finished, unfinished  7. Identify potential soil vapor entry potenti	ow air tight is the building
ONE AUAILABLE to ANSWER	QUESTIONAIRE SECTION.



C. HVAC (circle all that apply)		
1. The type of heating system(s) used in		
Hot Air Circulation	Heat Pump	Hot Water Radiation
Unvented Kerosene Heater		Wood Stove
Electric Baseboard	Other	<u> </u>
2. The type(s) of fuel(s) used is/are:	E 103	
Natural Gas Wood	Fuel Oil	Electric
w ood Other	Coal	Solar
3. Is the heating system's power plant lo	pasted in the basemen	
4. Is there air-conditioning? Y/N	Central Air or Wi	
Specify the location	Central Air or Wi	ndow Units
5. Are there air distribution ducts present	nt? V/N	
6. Describe the supply and cold air retu	urn duct work in the l	aggement including whather there
is a cold air return and the tightness	of duct ioints	A / / A
15 a cold all foldin and the fightness (	or duct joints/	V/ <i>H</i>
	77-11	
D. D. A. All T. J. G. A. D. W. A.		
D. Potential Indoor Sources of Pollution	<b>&gt;</b> T	
1. Has the house ever had a fire? Y /	N	
2. Is there an attached garage? Y / N	0 77 / 37	
3. Is a vehicle normally parked in the ga	•	
4. Is there a kerosene heater present?		
5. Is there a workshop, hobby or craft a		
6. An inventory of all products used products that contain volatile org compounds should be listed. The a	ganic compounds or	chemicals similar to the target
purpose.	**	
7. Is there a kitchen exhaust fan? Y /		
8. Has the house ever been fumigated?	If yes, describe date,	type and location of treatment.
E Water and Sawage (Civale the annuar		
E. Water and Sewage (Circle the appropriate Source of Water)	oriate response)	
	Driven Well Dug	~ W/211 O41
Water Well Specifications	Direct Mett Dus	g Well Other
	Grouted or Ungra	utod
Well Depth	_ Grouled or Ungro	uted
Donth to Padroals	Type of Storage T	ank
Feet of Casing	_ Size of Storage 18 Weter Treetment	ank
Water Quality	_ water rreatment_	
	2 V/N December	
How long has the tests and	or odor boon process	)
Sewage Disposal Public Septi	or outer been present	?
Distance from well to septic system		d Other
Distance from wen to septic system	T T T T T T T T T T T T T T T T T T T	PHO TALIK AUDILIVE



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.







Product Description (dispenser, size, manufacturer...)

VOC ingredients

PID Reading (ppm)

No products in basement.

Occupant / residence:		
Investigator:	Date:	



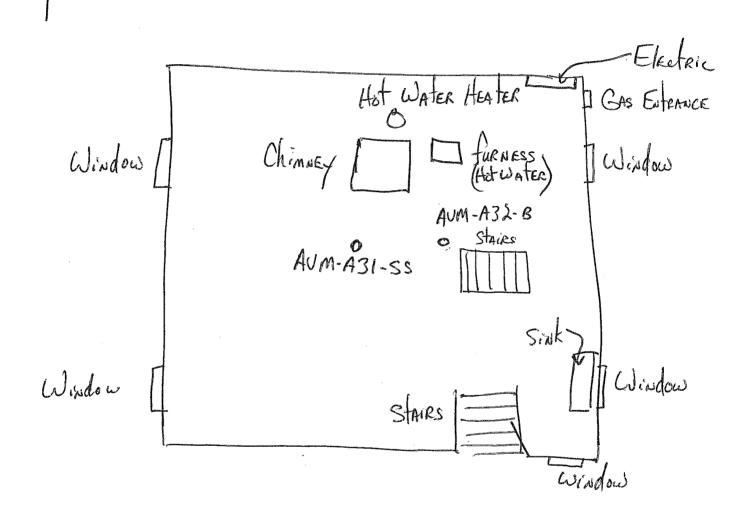
Project Number2184,
Date Prepared 9/20/04
alting Engineers Phone Number 315-437-1142
<u> </u>
Va NY
4/1 / 5/
ce Phone Number
d d
rtment House Units er: specify  Materials Hood Frame
tight is the building
the all that apply)  other  with laid up stone other  up present? Y N Water in sump? Y / N  .g. cracks, utility ports, etc.)  ; found A had WAlls in good Condition



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 Woter D. F.		
Unvented Kerosene Heater	Steam Radiation	Hot Water Radiation		
Electric Baseboard	Other	Wood Stove		
2. The type(s) of fuel(s) used is/are:	Office			
Natural Gas	Eval Oil			
Wood	Fuel Oil	Electric		
Other	Coal	Solar		
3. Is the heating system's power plant lo 4. Is there air-conditioning? Y N	ocated in the basement or	another area:		
4. Is there an-conditioning? Y	Central Air or Window	v Units		
Specify the location				
5. Are there air distribution ducts preser	it? Y(N)			
6. Describe the supply and cold air retu	rn duct work in the baser	nent including whether there		
is a cold air return and the tightness of	of duct joints $N/A$			
	/			
D Doday Call I C				
D. Potential Indoor Sources of Pollution				
	1. Has the house ever had a fire? Y / N			
2. Is there an attached garage? Y / N	2. Is there an attached garage? Y / N			
3. Is a vehicle normally parked in the ga	rage? Y / N			
4. Is there a kerosene heater present? Y	4. Is there a kerosene heater present? Y / N			
5. Is there a workshop, hobby or craft are	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 A		
products that contain volatile orga	anic compounds or char	nicels similar to the terminal		
compounds should be listed. The at	tached product inventory	form should be a local.		
purpose.	thened product inventory	form should be used for this		
7. Is there a kitchen exhaust fan? Y / ]	N			
8. Has the house ever been fumigated?	If you docariba day	11		
	m yes, describe date, type	and location of treatment.		
F Water and Sawage (Cinela 4)	• .			
E. Water and Sewage (Circle the appropriate Source of Water)	riate response)			
Public Drilled Well	Driven Well Dug Wel	l Other		
Water Well Specifications				
Well Donth	Grouted or Ungrouted .			
wen behin	Type of Storage Tank			
Deput to Beurock	Size of Storage Tank			
reet of Casing	Water Treatment_			
water Quanty				
Taste and/or odor problems?	Y/N Describe			
How long has the taste and/or	r odor been present?			
bewage Disposar ( Public Septic	Tank Leach Field O	ther		
Distance from well to septic system	Type of sentic to	ank additive		



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.







Product Description (dispenser, size, manufacturer...)

VOC ingredients

PID Reading (ppm)

1. LAUNDRY DETERGENTS
(No others)

Occupant / residence:	
Investigator:	Date:



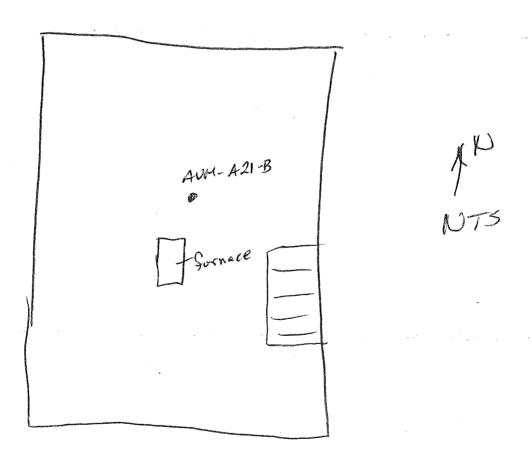
Project Name AVM Gowanda		Project Number 2184
Preparer's Name S. Pepling		Date Prepared 4/7/04
Preparer's Affiliation <u>Dvirka &amp; Bartilucci C</u>		
I. OCCUPANT NAME:		
Address:{		
County:	-	
Home Phone Number	Office Phone Number	out of early on disability
II OWNED OD I AND ODD MARK	avil	
Phone Number:		
Split-Level Colonial Number of Floors	2-Family Duplex Apartment House  Other: specify ction Materials	Units
B. Basement construction characteristics ( 1 Full Basement, crawlspace, slab on gra 2. Basement floor: concrete, dirt, other 3. Concrete floor unsealed, painted, cove 4. Foundation walls: poured concrete, blo 5. The basement is: wet, damp, dry 6. The basement is: finished unfinished 7. Identify potential soil vapor entry poin	circle all that apply)  ade, other  mostly dirt, some concered with  ock, laid up stone, other  Sump present? Y/N	wete  Water in sump? Y / N
8. Describe how air tight the basement is	not tight	



C. HVAC (circle all that apply)		
1. The type of heating system(s) used i	n 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		F
3. Is the heating system's power plant?		
4. Is there air-conditioning? $Y(N^1)$	Central Air or Windo	w Units
Specify the location		
5. Are there air distribution ducts prese		en de la companya de
6. Describe the supply and cold air ret	urn duct work in the base	ement 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	age of the second	
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 a	area in the residence? Y	1 D- althoughourer is doing home
6. An inventory of all products used products that contain volatile or compounds should be listed. The	d or stored in the home ganic compounds or ch	e should be performed. Any emicals similar to the target
purpose.	accusion product inventor	y form should be used for this
7. Is there a kitchen exhaust fan? Y /	$\langle \hat{N} \rangle$	
8. Has the house ever been fumigated?		se and location of treatment
con Muguer	ir yes, describe date, ty	de and recation of treatment.
	• • •	
E. Water and Sewage (Circle the appro-	priate response)	
Source of Water Public Drilled Wel	1 7 77 11 7 77	
	l Driven Well Dug W	ell Other
Water Well Specifications	C . 1 TT	•
well Diameter	Grouted or Ungrouted	1
well Depth	Type of Storage Tank	
Depth to Bedrock	Size of Storage Tank	
	water Treatment	
Water Quality	0.37/37.75	
Taste and/or odor-problems	s? Y/N Describe	
How long has the taste and	/or odor been present? _	
		Other
Distance from well to septic system	n Type of septic	tank additive



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.



Chestrut



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.

NA



Product Description (dispenser, size, manufacturer...)

VOC ingredients

PID Reading (ppm)

Basement empty

Occupant / residence:

Investigator:

Date: 4/7/04



Project Name AVM Gowanda	_ Project Number2184
Preparer's NameAck Kuhn	Date Prepared 4/5/04
Preparer's Affiliation <u>Dvirka &amp; Bartilucci Consulting Engineers</u>	Phone Number 315-437-1142
I. OCCUPANT NAME:	
Address:	
County:	
Home Phone Number	r
II. OWNER OR LANDLORD NAME: SAME AS A SOVE	6
Phone Number:	
Type (circle appropriate responses): Single-Family Multiple-I Ranch 2-Family Raised-Ranch Duplex Split-Level Apartment House Colonial: Number of Floors Mobile Home Other: specify Residence Age/ Construction Materials	Units
Is the building insulated? YES / NO How air tight is the building	<u> </u>
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  6. The basement is: finished, unfinished  7. Identify potential soil vapor entry points (e.g. cracks, utility poundation CRACKS IN Floor  8. Describe how air tight the basement is Not REAL	Water in sump? Y / N
o. Describe now air tight the basement is Not REAL	ght



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		i
3. Is the heating system's power plant lo	cated in the basement or anoth	her area: basement
4. Is there air-conditioning? YN Specify the location	Central Air or Window Un	its
5. Are there air distribution ducts presen	t? /Y)/ N	
6. Describe the supply and cold air retu	in duct work in the basement	including whether there
is a cold air return and the tightness of	of duct joints His distail	he trad do to Ann
pikerd together w/ sheet	metal screws but	ant taped in its Lit
together but ARE NOT Air t	ight; cold AIR RETURA	At FURNACE NO due
D. Potential Indoor Sources of Pollution		bor said therewas durin
1. Has the house ever had a fire? Y	3) - Owner States neigh	bor said therewas durin
2. Is there an attached garage? Y (N)	previous oung	
3. Is a vehicle normally parked in the ga	rage? Y / N	
4. Is there a kerosene heater present? Y		
5. Is there a workshop, hobby or craft are	ea in the residence? Y'N	
EMEN 6. An inventory of all products used	or stored in the home should	ld be performed. Any
products that contain volatile orga	mic compounds or chemical	s similar to the target
compounds should be listed. The att	tached product inventory form	should be used for this
purpose.		
7. Is there a kitchen exhaust fan? Y	7 )	
8. Has the house ever been fumigated?	If yes, describe date, type and	location of treatment.
$-\mathcal{V}\mathcal{V}$		
E. Water and Sewage (Circle the appropr	iate 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	
now 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 a	dditive
	1	



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 - NTS PID=ND+hroughoot

| Maring | Mill of Maring |
| Mill of

AVM IAQ quest and building inv.doc/sp

Rev. 04/02/04

Boderuk



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.

NA



H. Household Products Inventory	
Product Description	VOC ingredients
(dispenser, size, manufacturer)	
(dispenser, size, manufacturer)  1. McCloskey Quick Sand Wood Lightner & PRIMER  2. Illinois BRONZ SPRAY PAINT  1002.	Aliphatic & AROMATIC Hydrocarbons 41.620 Petroleum distillates
WOOD LIGHTNER & PRIMER	446
2. Illinois BRONZ SORAN Paint	Petroleum distillates
1002	,
3. Aprily Chammer 1102	not listed
4. VARNISH/ShelAC PINT	· ·
5. Wood Stain /2 pint (3, can	us) "
5. Wood Stain 1/2 pint (3 can 6. Glazing Compound 1/2 pint	11
7. Wood STAIN, 1602	MiNERAL Spirits
8. ENAMEL PAINT 202	not listed.
9. VARNISH /2 pint,	Not listed
9. VARNISH /2 pint. 10. Plastic Roof Cement	not listed
11. Armstrong Emulsion 5-160	Not listed
2 PAINT CANS /GAL. (9 CANS) 3 PAINT THINNER / GAL. (1 CAN	Not listed
3 PAINT THINNER I GAL (I CAN	1) Not listed
The state of the s	

PID Reading
(ppm)
All containers
Closed
NO PID READING
, IN AREA
(PID REAdings i
indicated non-
detectable.
Readings )

Occupant / residence:	
Investigator:	Date: 4/5/04
	110101



	oject Name AVM Gowanda	Project Number2184
Pr	eparer's Name <u>Jack Kuhn</u>	Date Prepared 4/7/04
		Consulting Engineers Phone Number 315-437-1142
	OCCUP	
A	ddress: 9	
Co	ounty: <u>(</u>	
Н	ome Phore	Onice Pnone Number
П.	OWNER OR LANDLORD NAME: _ (If different from occupant) Iddress:	SAME AS ABOUE
	one Number:	
1900	Ranch Raised-Ranch Sphit-Level Colonial. Number of Floors Mobile Home	Other: specify
	Is the building insulated YES/NO Ho	w air tight is the building Very 1. HE - Some
В.	Basement construction characteristics	
	1 Full Basement, crawlspace, slab on gr 2. Basement floor concrete, dirt, other 3. Concrete floor: unsealed painted cov 4. Foundation walls: poured concrete, bl 5. The basement is: wet, damp dry 6. The basement is: finished unfinished 7. Identify potential soil vapor entry point 9000 Share, NO Cracks obs 8. Describe how air tight the basement is	rered with  ock laid up stone) other  Sump present? Y N Water in sump? Y / N  its (e.g. cracks, utility ports, etc.) Foundation IS IN  ERVED. CONCRETE Floor IS IN GOOD Shape w
		J



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	wood Stove
2. The type(s) of fuel(s) used is/are:		
Natural Gas	Fuel Oil	Electric
Wood	Coal	Solar
Other	Com	Solai
3. Is the heating system's power plant lo	cated in the basement or an at	have t
4. Is there air-conditioning? Y N	Central Air or Window Uni	Her area: DHJEMEN!
Specify the location	Central All of Willdow Uni	its
5. Are there air distribution ducts presen	12 (V)/ N	
6. Describe the supply and cold air returns	on duct work in the becoment	including and of
is a cold air return and the tightness of	f duct joints	including whether there
And fit together WELL (A	MEAR ALE ALE	R IN GOOD CONCITO
	l' 1 //	IS ARE CONNECTED E
Sheet metal screws, but	NO duct TAPE.	
D. Potential Indoor Sources of Pollution		
1. Has the house ever had a fire? Y		
2. Is there an attached garage? Y N	7	
3. Is a vehicle normally parked in the gar	rage? V (N)	
4. Is there a kerosene heater present? Y		
5. Is there a workshop, hobby or craft are		)
6. An inventory of all products used	or stored in the home should	
products that contain volatile orga	nic compounds on abovical	ld be performed. Any
compounds should be listed. The att	tached product inventors form	is similar to the target
purpose.	achea product inventory form	i should be used for this
7. Is there a kitchen exhaust fan? Y		
8. Has the house ever been fumigated?		10004:00 054
	yes, describe date, type and	location of treatment.
F Water and Sawage (Circle 4)	• ,	
E. Water and Sewage (Circle the appropr Source of Water	rate response)	
\	Delan Will D. Will	
Water Well Specifications	Driven Well Dug Well	Other
Well Digmeter	Control III	
Well Dorth	Grouted or Ungrouted	
Well Depth	Type of Storage Tank	
Depth to Bedrock	Size of Storage Tank	
Feet of Casing Water Quality	water Treatment	
Tests and/or adams. 1.1	whi.	
How long has the test and	Y N Describe Paul	
Taste and/or odor problems?  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 a	dditive



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 Floor drains [ Electric Service Window FURNACE door STAIRS



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.



### H. Household Products Inventory

Product Description (dispenser, size, manufacturer...)

VOC ingredients

PID Reading (ppm)

1. PARKS LINSEED OIL (I CAN)

2. LDS Instant Contact CleanER 1 CAN-SPRAY 1202.

3. I GAL CONTAINER - ROOF DESTROYER

Occupant / residence://	<u> </u>
Investigator:	Date: 4/7/04
// - , ,	11.1



Project Name AVM Gowanda	Project Number <u>2184</u>	
Preparer's Name Jack Kuhn	Date Prepared 4/6/04	
Preparer's Affiliation Dvirka & Bartilucci Co	nsulting Engineers Phone Number 315-437-114	12
I. OCCUIDANTE NO.	'A COWNER RENTAL PROPERTY	4- NO 1
Address:'		ceupant
County:		- •
Home Phone Number 532-2271 C	Office Phone Number	
II. OWNER OR LANDLORD NAME:	5	ka
(If different from occupant)  Address:		
Phone Number: (716) 532-2271	<del></del>	
A. Building Construction Characteristics		
Type (circle appropriate responses): Single Ranch 2 Raised-Ranch D Split-Level A Colonial: Number of Floors Mobile Home C Residence Age 704 General Description of Building Construct	Pamily Duplex Apartment House Units Other: specify Ap& ion Materials Units	_
Is the building insulated? YES NO How a		
6. The basement is: finished, unfinished 7. Identify potential soil vapor entry points  ARK IN POOR CONDITION; CR  8. Describe how air tight the basement is	ed with	whlls
<i>Not</i>	TIGNE	_



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 lo	cated in the basement or	another area: basement
	4. Is there air-conditioning? (Y/N)	Central Air or Window	
	Specify the location		
٠.	5. Are there air distribution ducts presen	nt? (Y) N	
	6. Describe the supply and cold air retu	rn duct work in the basen	nent including whether there
	is a cold air return and the tightness of	of duct joints Ducts	ARE IN GOOD SHADE A
	fit together Well. Section	IS ARE CONNECTED	W Sheet METAL SCREWS
	J L 1		
	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 ga	rage2-Y/N	
	4. Is there a kerosene heater present?		
	5. Is there a workshop, hobby or craft ar		$\binom{N}{N}$
	6. An inventory of all products used		
	products that contain volatile org		
	compounds should be listed. The at		
	purpose. No products obser	used in basement.	
	7. Is there a kitchen exhaust fan? Y		
	8. Has the house ever been fumigated?	,	and location of treatment
		ar yes, sessins auto, type	
TC.	Water and Sewage (Circle the approp	miata magnamga)	
±∵.	Source of Water	riate response)	
	1	Driven Well Due We	11 Other
		Driven Well Dug We	ll Other
	Water Well Specifications	Constant on IV. annuted	
		_ Water Treatment	
	Water Quality		
	Sewage Disposal Public Seption		
	Distance from well to sentic system	Type of centic t	tank additive



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 \* Sump under stairs FURNACE



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.



H. Household Products Inventory

Product Description (dispenser, size, manufacturer...)

VOC ingredients

PID Reading (ppm)

No products observed in basement.

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



	Project Name AVM Gowanda	Project Number
	Preparer's Name Jack Kuhn	Date Prepared 4/6/04
	Preparer's Affiliation <u>Dvirka &amp; Bartilucci Consulting Engineers</u>	Phone Number 315-437-1142
	I. OCCUP	
	Address: 5	
	County:	
•	Home Phon Onice Phone Number	er
	II. OWNER OR LANDLORD NAME: SAME AS Above (If different from occupant) Address:	
	Phone Number:	
	A. Building Construction Characteristics No ONE ATTYPE (circle appropriate responses): Single-Family Multiple-In Ranch 2-Family Raised-Ranch Duplex Split-Level Apartment House Colonial: Number of Floors Mobile Home Other: specify Residence Age UNKNOWN General Description of Building Construction Materials	Dwelling Commercial /ater  Units
	Is the building insulated? YES / NO How air tight is the buildi	
ul space	1. Full Basement crawlspace, slab on grade, other  2. Basement floor: concrete, dirt, other  3. Concrete floor: unsealed, painted, covered with	er Standing water  Water in sump? Y/N Standing water  west side  ports, etc.)  ICRETE  Dirt floor, Standing water



No in

C. HVAC (circle all that apply)		
1. The type of heating system(s) used in	this residence is/are:	and the state of t
Hot Air Circulation	Heat Pump	Hot Water Radiation
Unvented Kerosene Heater	Steam Radiation	Wood Stove
Electric Baseboard	Other	Wood Blove
2. The type(s) of fuel(s) used is/are:		
(Natural Gas	Fuel Oil	Electric
Wood	Coal	Solar
Other		J ,
3. Is the heating system's power plant to	ocated in the basement or ar	nother area: located in craculsonce
4. Is there air-conditioning? YN Specify the location	Central Air or Window	Units own spine
5. Are there air distribution ducts presen	nt? Y/N)	
6. Describe the supply and cold air retu	rn duct work in the baseme	ent including whether there
is a cold air return and the tightness of	of duct joints A/A	one merading whether there
D. D. A. C. LT. L. G.		
D. Potential Indoor Sources of Pollution	a Unknown	
1. Has the house ever had a fire? Y		
2. Is there an attached garage? Y N	hun	1
3. Is a vehicle normally parked in the ga	rage? Y/N UNKHOL	2 <b>V</b>
4. Is there a kerosene heater present? Y	IN UNKNOWN	y ynknown
5. Is there a workshop, hobby or craft are	ea in the residence? Y / I	V UNKNOWN
seeducts 6. An inventory of all products used	or stored in the home sh	ould be performed. Any
crawlspace products that contain volatile orga	anic compounds or chemi	cals similar to the target
compounds should be listed. The at	tached product inventory for	orm should be used for this
purpose.	N UNKNOWN	
7. Is there a kitchen exhaust fan? Y / 1		
8. Has the house ever been fumigated?	UNKNEWN	nd location of treatment.
E. Water and Sewage (Circle the appropr	riate response)	
Source of Water ASS		
	ume	
Public Drilled Well	ume	Other
Public Drilled Well Water Well Specifications	Ume Driven Well Dug Well	Other
Public Drilled Well  Water Well Specifications  Well Diameter	Driven Well Dug Well Grouted or Ungrouted	
Public Drilled Well  Water Well Specifications  Well Diameter  Well Depth	Driven Well Dug Well  Grouted or Ungrouted Type of Storage Tank	
Public Drilled Well Water Well Specifications Well Diameter Well Depth Depth to Bedrock	Driven Well Dug Well  Grouted or Ungrouted _ Type of Storage Tank _ Size of Storage Tank	
Public Drilled Well  Water Well Specifications  Well Diameter  Well Depth  Depth to Bedrock  Feet of Casing	Driven Well Dug Well  Grouted or Ungrouted _ Type of Storage Tank _ Size of Storage Tank	
Public Drilled Well  Water Well Specifications  Well Diameter  Well Depth  Depth to Bedrock  Feet of Casing  Water Quality	Driven Well Dug Well  Grouted or Ungrouted _ Type of Storage Tank _ Size of Storage Tank _ Water Treatment	
Public Drilled Well  Water Well Specifications  Well Diameter  Well Depth  Depth to Bedrock  Feet of Casing  Water Quality  Taste and/or odor problems?	Driven Well Dug Well  Grouted or Ungrouted Type of Storage Tank Size of Storage Tank Water Treatment Y/N Describe	
Public Drilled Well  Water Well Specifications  Well Diameter  Well Depth  Depth to Bedrock  Feet of Casing  Water Quality  Taste and/or odor problems?  How long has the taste and/or	Driven Well Dug Well  Grouted or Ungrouted _ Type of Storage Tank _ Size of Storage Tank _ Water Treatment _  Y / N Describe _ r odor been present?	
Public Drilled Well  Water Well Specifications  Well Diameter  Well Depth  Depth to Bedrock  Feet of Casing  Water Quality  Taste and/or odor problems?  How long has the taste and/or Sewage Disposal  Public Septic	Driven Well Dug Well  Grouted or Ungrouted Type of Storage Tank Size of Storage Tank Water Treatment  Y / N Describe r odor been present? Tank Leach Field Oth	er
Public Drilled Well  Water Well Specifications  Well Diameter  Well Depth  Depth to Bedrock  Feet of Casing  Water Quality  Taste and/or odor problems?  How long has the taste and/or	Driven Well Dug Well  Grouted or Ungrouted Type of Storage Tank Size of Storage Tank Water Treatment  Y / N Describe r odor been present? Tank Leach Field Oth	er



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. CRAW/SPACE)

Standing
Water

Concrete
Block
Wall

Stairs

Bullco Doer



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.



# H. Household Products Inventory

Product Description (dispenser, size, manufacturer...)

VOC ingredients

PID Reading (ppm)

No products observed in CRAWISPACE.

Occupant / residence:	4		1		~~~				· ,	,		
Investigator: Jack	Kyhi	\	Si	MA	PEDI	NG	 Date:	4/	6/04			
	V	V				J		-11				

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Spicolla



	Project Name AVM Gowanda	Project Number 2184
	Preparer's Name Kuhn	Date Prepared 4/5/04
	Preparer's Affiliation <u>Dvirka &amp; Bartilucci Consulting Eng</u>	ineers Phone Number 315-437-1142
	I. OCCUPA	
	Address:	
	County:	
	Home Phone	Number
·	II. OWNER OR LANDLORD NAME: SAME AS  (If different from occupant)  Address:	Above
	Phone Number:	
1948	A. Building Construction Characteristics  Type (circle appropriate responses): Single-Family Mu- Ranch 2-Family Ranch Duplex Split-Level Apartment Ho 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	use Units  Lood FRAME
	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 stor 5. The basement is: wet, damp, dry Sump present? 6. The basement is: finished, unfinished 7. Identify potential soil vapor entry points (e.g. cracks,	apply)  Rtial basement  ne, other  Y/N Water in sump? Y/N
	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		į
3. Is the heating system's power plant lo	ocated in the basement or	r another area: <u>basement</u> N. (
4. Is there air-conditioning? Y(N)	Central Air or Windo	w Units For Pala
Specify the location		, and
5. Are there air distribution ducts presen	nt? Y/N	
6. Describe the supply and cold air retu	rn duct work in the base	ment including whether there
is a cold air return and the tightness of	of duct joints N/A	ment merading whether there
	J	
D. Potential Indoor Sources of Pollution		
1. Has the house ever had a fire? Y	Name of the State	
2. Is there an attached garage? Y / N	$\supset$	
3. Is a vehicle normally parked in the ga	rage? Y/N	
4. Is there a kerosene heater present?	Z/N	and the same of th
5. Is there a workshop, hobby or craft ar	ea in the residence? Y	$(\mathcal{K})$
6. An inventory of all products used	or stored in the home	should be performed. And
products that contain volatile orga	anic compounds or che	should be performed. Any
compounds should be listed. The at	tached product inventor	form should be target
purpose.	rached product inventory	form should be used for this
	N	
8. Has the house ever been fumigated?		
and the floure ever been runingated;	m yes, describe date, type	e and location of treatment.
F Woton and Comme (C' )	•	
E. Water and Sewage (Circle the appropr	riate response)	
Source of Water	• · · · · · · · · · · · · · · · · · · ·	
Public Drilled Well	Driven Well Dug We	ll Other
Water Well Specifications		
Well Diameter	Grouted or Ungrouted	
well Depth	Type of Storage Tank	
Depth to Bedrock	Size of Storage Tank	
reet of Casing	Water Treatment	
VV QTOP ( BIIGHT)		
Taste and/or odor problems?	Y N Describe	<u> </u>
now long has the taste and/o	r odor been present?	
Sewage Disposal ( Public Septic	Tank Leach Field (	)ther
Distance from well to septic system	Type of septic t	ank additive





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 Hot wester Heater RACK AVM-A8-B



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.



	H.	Household	<b>Products</b>	Inventory
--	----	-----------	-----------------	-----------

Product Description

VOC ingredients

PID Reading (ppm)

(dispenser, size, manufacturer...)

1. PAINT CANS 6 CANS

2. PAINT THINKER (ICAN)

Occupant / residence: Investigator:

Date: \_\_\_\_\_

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Rev. 04/02/04

Ogner

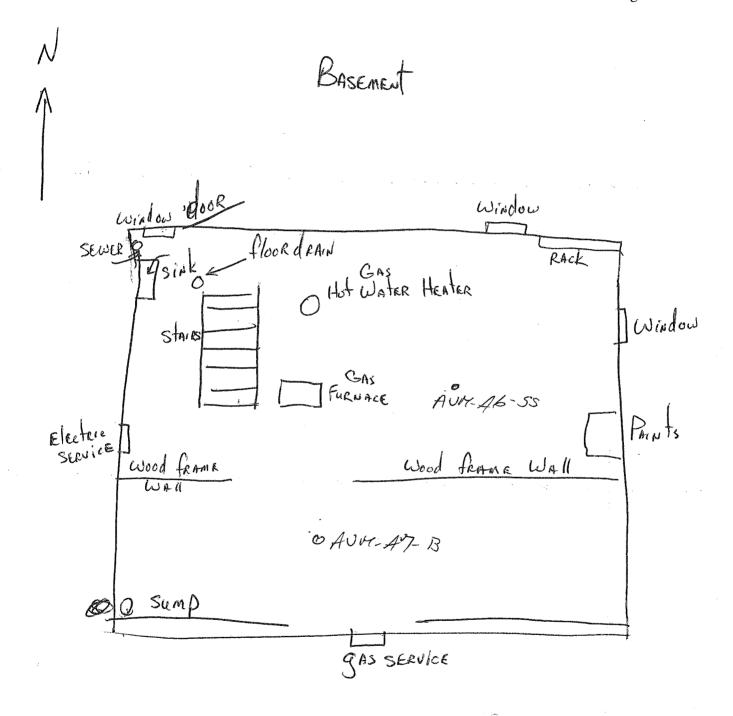


Project Name AVM Gowanda	Project Number 2184
Preparer's Name Ack Kuhn	
Preparer's Affiliation <u>Dvirka &amp; Bartilucci Consulting Engineers</u>	Phone Number 315-437-1142
I. OCCUF	<u> </u>
Address:t	
County:	
Home Phone Numb	per
II. OWNER OR LANDLORD NAME: SAME AS A. (If different from occupant) Address:	
Phone Number:	
Type (circle appropriate responses): Single-Family Multiple Ranch 2-Family Raised-Ranch Duplex Split-Level Apartment House Colonial: Number of Floors Mobile Home Other: specify Residence Age So General Description of Building Construction Materials Is the building insulated YES) NO How air tight is the building	_ Units  Lood FRAME
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  6. The basement is: finished unfinished  7. Identify potential soil vapor entry points (e.g. cracks, utility)	her
8. Describe how air tight the basement is Not tight-	- basement has windows

C. HVAC (circle all that apply)	Newly installe	d turnace (1 ye. 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	Wood Stove
2. The type(s) of fuel(s) used is/are:		
Natural Gas	Fuel Oil	Tilo atui a
Wood	Coal	Electric
Other	Coar	Solar
3. Is the heating system's power plant lo	cotodin the house	, han - t
4. Is there air-conditioning? Y N	Control Air and Mill	her area: DASEMEN!
Specify the location	Central Air or Window Un	ıts
5. Are there air distribution ducts presen	49 (V/N)	
6. Describe the supply and gold signature	U/QI/N	en e
6. Describe the supply and cold air return is a cold air return and the tighters.	n duct work in the basement	including whether there
is a cold air return and the tightness o	f duct joints All duct e	SCRK APPEARS NEW AND
IN good ShAPE. CONNECTIO	INS ARE SECURED G	I Sheet metal screw
And fit together well,	but not sealed w/	
	PETURN IN good	- Lance TAPE COLO CADE
D. Potential Indoor Sources of Pollution	?\ Joed	2 Maps
1. Has the house ever had a fire? Y	$\bigvee$	
2. Is there an attached garage? Y		
3. Is a vehicle normally parked in the gar	age?(Y)N	<b>'</b>
4. Is there a kerosene heater present?	) N > bat Not	USEd
5. Is there a workshop, hobby or craft are	ca in the residence? $Y / N'$	)
6. An inventory of all products used	or stored in the home should	ld be performed. Any
products that contain volatile orga	nic compounds or chemical	e cimilar to the torget
compounds should be listed. The att	ached product inventory form	should be used for this
purpose.		
7. Is there a kitchen exhaust fan? (Y)	1	
8. Has the house ever been fumigated? I	f yes, describe date, type and	location of treatment.
No - NoT	to Ms. StiVER'S	Now ledge
E. Water and Sewage (Circle the appropr	iate response)	J
Source of Water	in the politice)	2
Public Drilled Well	Driven Well Dug Well	Other
Water Well Specifications	Dag Wen	Other
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	water freatment	
Taste and/or odor problems?	V N Describe	f
Taste and/or odor problems?  How long has the taste and/or	odor been procent?	1/4
Sewage Disposal Public Septic	Tank Leach Eight Out	<del>~/ /^</del>
Distance from well to septic system _	Type of anti-	1 1
= ====== zystem _	I ype of septic tank a	aanve



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.





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.



*** **********************************	H.	Household	<b>Products</b>	Inventory
--	----	-----------	-----------------	-----------

**Product Description** (dispenser, size, manufacturer...)

**VOC** ingredients

PID Reading (ppm)

1. Paint CANS (12 CANS)
1/2 PINT

LATEX A Oil BASE All READING: WERE NON-detectable

Spray PAINT CANS (3 CANS) LATEX & OIL BASE

Bug Killer (Spray) (2 cans)

Misc. CAR CLEANING Products

5. Rug Shampoo (1 bottle)

6. OATEY All PURPOSE CEMENT 4 62. 7. LAMP Oil (2 Bottles) 22 02. \$ 32 02.

Occupant / residence: Investigator:\_\_\_

Date: \_\_\_

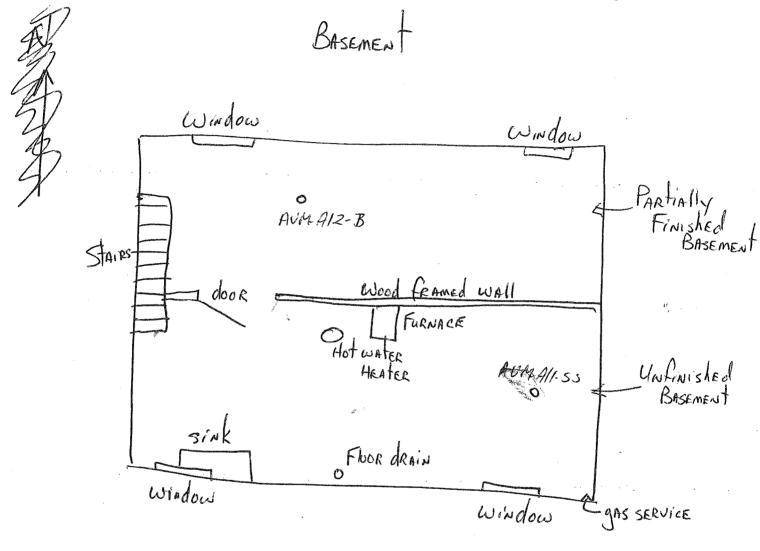


Project Name AVM Gowanda	Davis 197
	Project Number 2184  Date Prepared 4/6/64
Preparer's Affiliation <u>Dvirka &amp; Bartilucci Consulting Eng</u>	rineers Phone N. J. 2476/64
I. OCCUP	Filone Number <u>315-437-1142</u>
Address:	
County:(	
Home Phone	Number
II. OWNER OR LANDLORD NAME: SAME AS  (If different from occupant)  Address:	Number
Phone Number:	
A. Building Construction Characteristics  Type (circle appropriate responses): Single-Family Mula Ranch  Ranch  Raised-Ranch  Split-Level  Colonial: Number of Floors  Mobile Home  Residence Age  General Description of Building Construction Materials	Units  Word FRAME
Is the building insulated? YES NO How air tight is the B. Basement construction characteristics (circle all that a	building Some Affic  pply) NONE IN WATTS
7. Identify potential soil vapor entry points (e.g. cracks, ut	Y N Water in sump? Y/N

C. HVAC (circle all that apply)		
1. The type of heating system(s) used in	this residence is	
Hot Air Circulation	Heat Pump	
Unvented Kerosene Heater	Steam Radiation	Hot Water Radiation
Electric Baseboard		Wood Stove
2. The type(s) of fuel(s) used is/are:	Other	_
(Natural Gas)	Eval Ott	
Wood	Fuel Oil	Electric
Other	Coal	Solar
3. Is the heating system's power plant.		^
3. Is the heating system's power plant to 4. Is there air-conditioning? Y N	cated in the basement Central Air or Wind	or another area: BASEMEN Town
Specify the location		
5. Are there air distribution ducts presen	t?(Y) N	
o. Describe the supply and cold air return	n duct work in 41 - 1	sement including whathand
is a cold air return and the tightness of	f duct joints	S ARE IN GOOD Shape And fit
together WEIL. Ducts ARE	CONNECTED W/ S	
duct taped. No holes or	GADS IN duc	
D. Potential Indoor Sources of Pollution	J	
1. Has the house ever had a fire? Y		
2. Is there an attached garage? Y	<i>X</i>	
3. Is a vehicle normally parked in the gar.		
4. Is there a kerosene heater present? Y	age Y N	·
5. Is there a workshop, hobby or and		
5. Is there a workshop, hobby or craft are 6. An inventory of all products	a in the residence? Y	N
6. An inventory of all products used of products that contain volatile organ	or stored in the home	e should be performed. Any
compounds should be listed. The atta	sched product inventor	ry form should be used for this
		To this
7. Is there a kitchen exhaust fan? Y N		
8. Has the house ever been furnigated? If	yes, describe date, typ	be and location of treatment
		and a detiniont.
E. Water and Sewage (Circle the appropria	ate response)	
Source of Water		
Public Drilled Well I	Oriven Well Dug Wo	ell Other
The specifications		
Well Diameter Well Depth	Grouted or Ungrouted	
	Water Treatment	
Water Quality	Treatment	
Taste and/or odor problems? Y	Describe Rut	- OWNER USES bottled water
How long has the taste and/or of Sewage Disposal Public Sentic To	dor been present?	DWNER USES BOILED WATER
Distance from well to septic system	Type of sentia	Julion
AVM IAO quest and built	13 be or sebite i	LAIIK AUGITIVE
AVM IAQ quest and building inv.doc/sp		



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.



AVM IAQ quest and building inv.doc/sp

Steevel



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



11. 110usenoja Products Invento	H.	)	Household	<b>Products Inventor</b>
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Product Description (dispenser, size, manufacturer...)

VOC ingredients

PID Reading (ppm)

1. PAINT CANS (25 CANS) 1 GAL.

2. Spray Paint Cans (6 cans) 1202. Latex

(25 cms) 101.

PAINT CANS (6 CANS) 1/2 pint

5. Oil CAN (I CAN) I Qt. 6. PAINT THINNER (I CAN) I Qt.

7. ZAR PAINT of VARNISH REMOVER 1 pint

Occupant / residence: , )	
Investigator: \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	lu



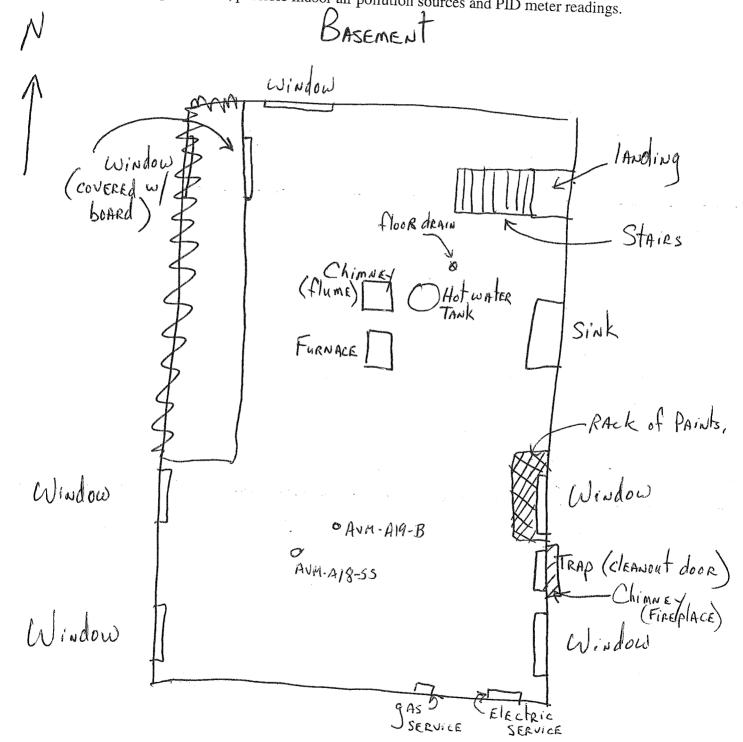
Project Name AVM Gowanda	D : 35
reparer s warne	Project Number 2184
Preparer's Affiliation <u>Dvirka &amp; Bartilucci Consulting Enginee</u> I. <b>OCCUP</b>	Date Prepared
I. OCCUP	Phone Number <u>315-437-1142</u>
Address:	
County:	
Home Phon	· /11/ 525
II. OWNER OR LANDLORD NAME: SAME AS A Address:	
Phone Number:	
A. Building Construction Characteristics  Type (circle appropriate responses): Single-Family Multiple Ranch Ranch Raised-Ranch Split-Level 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 build  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 6. The basement is: wet, damp dry 7. Identify potential soil vapor entry points (e.g. cracks, utility  CONCRETE BASEMENT Floor  8. Describe how air tight the basement is	Units  Dock FRAME  ding Some in both the Attic  And WALLS  her  y) Water in sump? Y/N  ports, etc.) Foundation walls in



C. HVAC (circle all that apply)  1. The type of heating system(s) used i  Hot Air Circulation  Unvented Kerosene Heater  Electric Baseboard  2. The type(s) of fuel(s) used is/are:  Natural Gas  Wood  Other	n this residence is/are: Heat Pump Steam Radiation Other Fuel Oil Coal	Hot Water Radiation Wood Stove  Electric Solar
3. Is the heating system's power plant le 4. Is there air-conditioning? Y N  Specify the location  5. Are there air distribution ducts present 6. Describe the supply and cold air return is a cold air return and the tightness of	nt? YN	w Units
1. Has the house ever had a fire? Y A 2. Is there an attached garage? Y N 3. Is a vehicle normally parked in the gar 4. Is there a kerosene heater present? Y 5. Is there a workshop, hobby or craft are 6. An inventory of all products used products that contain volatile organ compounds should be listed. The attached purpose. Some instead 7. Is there a kitchen exhaust fan? Y 8. Has the house ever been fumigated? I	ea in the residence? Y or stored in the home so nic compounds or chen ached product inventory	should be performed. Any nicals similar to the target form should be used for this
" ater wen specifications	Driven Well Dug Well	
Well Diameter	Size of Storage Tank Water Treatment	
Taste and/or odor problems?  How long has the taste and/or  Sewage Disposal Public Septic T  Distance from well to septic system	Contract Time	



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.





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.



H. Household Products Inventor	H.	Household	<b>Products</b>	Inventor
--------------------------------	----	-----------	-----------------	----------

Product Description (dispenser, size, manufacturer...)

**VOC** ingredients

PID Reading (ppm)

Paintems (Approx. 25 cans)

Paint cans (Approx 12 cans)

PROPANE FUEL HANKS (2 HANKS)

5. Misc. CAR Cleaning Products 6. Misc. Household Cleaning Parducts

7. Spray CANS of iNSECTICIDES

Occupant / residence: Investigator:

Date:



Project Name AVM Gowanda Project Number / 2184
Preparer's Name FARI CABEAUX TACK KUhn Date Prepared 4/6/04
Preparer's Affiliation <u>Dvirka &amp; Bartilucci Consulting Engineers</u> Phone Number <u>315-437-1142</u>
I. OCCI
Address:
County: _
Home Photo one Number
II. OWNER OR LANDLORD NAME: SAME AS Abov E  (If different from occupant)  Address:
Phone Number:
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)
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  6. The basement is: finished, unfinished factually finished floor Dearn  7. Identify potential soil vapor entry points (e.g. cracks, utility ports, etc.)  1. Toundation with appear in good shape No Visible Cracks  8. Describe how air tight the basement is



A DIVISION OF WILLIAM F. COSULICH ASSOCIATES, P.C.	,	Λ
C. HVAC (circle all that apply)	Hial Efficie	ency furnack
1. The type of heating system(s) used in	this residence is vare:	
Hot Air Circulation	Heat Pump	Hot Woton Dodies
Unvented Kerosene Heater	Steam Radiation	Hot Water Radiation
Electric Baseboard	Other	Wood Stove
2. The type(s) of fuel(s) used is/are:	Other	
Natural Gas	Fuel Oil	To a
Wood	Coal	Electric
Other	Coar	Solar
		1 +
<ul><li>3. Is the heating system's power plant lo</li><li>4. Is there air-conditioning? YN</li></ul>	cated in the basement or anoth	ner area: <u>DASEMEN</u>
Specify the location	Central Air or Window Uni	ts
5. Are there air distribution ducts presen		
6. Describe the supply and sold size of	t Y// N	· ·
6. Describe the supply and cold air returns and the tighter	n duct work in the basement	including whether there
is a cold air return and the tightness of	duct jointy Ducts ARK	IN GOOD SHAPE
SECTIONS for together WE	lly held together a	1/ Sheet metal screws
but we duct tape.		,
D Potential Indoor Courses of B. U.		
1. Has the house ever had a fire? Y	Ð	
2. Is there are attached source? X	5	
2. Is there an attached garage? Y		
3. Is a vehicle normally parked in the gar	age? Y /N	
4. Is there a kerosene heater present? Y	(N)	
5. Is there a workshop, hobby or craft are	a in the residence? Y // N	)
6. An inventory of all products used	or stored in the home shoul	d be performed. Any
products that contain volatile orga-	nic compounds or chemicals	s similar to the torget
compounds should be listed. The att	ached product inventory form	should be used for this
purpose.		
7. Is there a kitchen exhaust fan Y/N	The state of the second second	
8. Has the house ever been fumigated? I	f yes, describe date, type and l	ocation of treatment.
	٥	
E. Water and Sewage (Circle the appropri	iate response)	
Source of Water		
Public Drilled Well	Driven Well Dug Well	Other
Water Well Specifications		
Well Donth	Grouted or Ungrouted	
Wen Depui	Type of Storage Tank	
Depui to Bedrock	Size of Storage Tank	
Feet of Casing	Water Treatment	
water Quality		
Taste and/or odor problems?	Y N Describe	
from folig has the taste and/or	odor been present?	
Sewage Disposal / Public / Septic	lank Leach Field Other	
Distance from well to septic system _	Type of septic tank ac	lditive

E.



#### 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

GAS ENTRANCE

Lindow

FURNACE

Hot D

Lindow

Hot D

Lindow

AVM-AG-B

Stairs



### 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.

NA



### H. Household Products Inventory

**Product Description** (dispenser, size, manufacturer...) VOC ingredients

PID Reading (ppm)

PAINT CANS (5 CANS)

PAINT CANS (6 CANS)

3. Misc. Home Cleaning Products 4. Misc. CAR CLEANING Products

Occupant / residence:	
Investigator:	Date:
/ J ·	



Preparer's Name Ack kulus Preparer's Affiliation Dvirka & Bartilucci Consulting Engineers I. OCCUP.	Date Prepared 4/6/04
I. OCCUP.	
	_Phone Number <u>315-437-1142</u>
Address:	
County:	
Home Phone	
II. OWNER OR LANDLORD NAME: SAME AS ALO  (If different from occupant)  Address:	VE
Phone Number:	
Type (circle appropriate responses): Single-Family Multiple-D  Ranch 2-Family Raised-Ranch Duplex Split-Level Colonial: Number of Floors Mobile Home Residence Age Du/H/954 General Description of Building Construction Materials	Units ad Frame
Is the building insulated? YES / NO How air tight is the building B. Basement construction characteristic (construction)	
onstruction characteristics (circle all that apply)	
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  6. The basement is: finished, unfinished was likely of his land  7. Identify potential soil vapor entry points (e.g. cracks, utility por	ater in sump? Y / N
8. Describe how air tight the basement is Sairly fight	

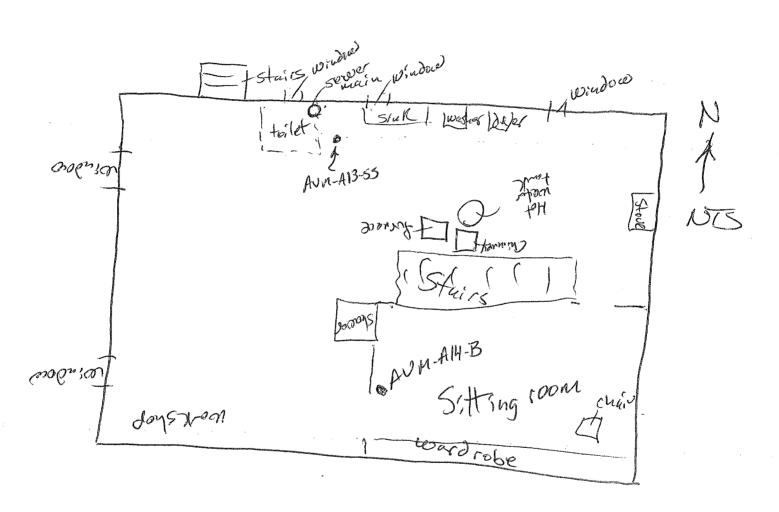
C. HVAC (circle all that apply)		
1. The type of heating system(s) used in	n this residence to	
Hot Air Circulation	Heat Pump	
Unvented Kerosene Heater	Steam Radiation	Hot Water Radiation
Electric Baseboard	Other	Wood Stove
2. The type(s) of fuel(s) used is/are:	Other	
Natural Gas	Fuel Oil	
Wood	Coal	Electric
Other		Solar
3. Is the heating system's power plant to 4. Is there air-conditioning?	pooted in al C	
4. Is there air-conditioning? Y N	Cantual A	r another area:
Specify the location	Central Air or Windo	w Units
3. Are there air distribution duets	ot? V (N	
o. Describe the supply and cold air retu	rn duat 1	
is a cold air return and the tightness of	of duct joints In the base	ment including whether there
	duct joints	
		_
D. Potential Indoor Sources of Pollution		
1. Has the house ever had a fire? V		
2. Is there an attached garage? (V)	by breezeway	
3. Is a vehicle normally parked in the gar	2002/KZ   NT	t.
4. IS there a kerosene begton	7/2" \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	
J. 18 there a workshop hobby on and	$\sim$	
<ul><li>5. Is there a workshop, hobby or craft are</li><li>6. An inventory of all products used of products that contain volatile organ</li></ul>	or stored in the	N-basement, 510 cosnar
products that contain volatile organ	ric cored in the nome s	should be performed. Any
products that contain volatile organ compounds should be listed. The atta	ne compounds or chen	nicals similar to the target
compounds should be listed. The atta purpose.	iched product inventory	form should be used for this
7. Is there a kitchen exhaust fan? (V)		
8. Has the house ever been furnicated? If	1	
8. Has the house ever been fumigated? If	yes, describe date, type	and location of treatment.
E. Water and Sewage (Circle the appropriation of Water)	ate response)	
Water Well Specifications	Oriven Well Dug Well	Other
Well DiameterWell Depth	Grouted or Ungrouted _	
Well Depth Depth to Bedrock	Type of Storage Tank	
Depth to Bedrock Feet of Casing	Size of Storage Tank	
Feet of Casing Water Quality	Water Treatment	
Tasta and/and I		
Taste and/or odor problems? Y How long has the taste and/or o	/N Describe	
How long has the taste and/or of Sewage Disposal Public Septic Ta	dor been present?	
Sewage Disposal Public Septic Ta	ank Leach Field Oth	ner
	Type of septic tan	k additive
AVM IAQ quest and building inv.doc/sp	•	



### 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.

NA



## 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 sprayway

Tilex

Pine-glo

Fantastik

The Woods-deain cleaner

Work Shap Area

Paints
Cor Lubes - WD40
PEXICIDES - WASP Killer, ant Killer, etc.
Glues - Adhesives
Cor wax, clearers
Sprayadhesive MPT

Data



Project Name AVM Gowanda	
Preparer's NameAck Kuka  Preparer's Affiliation Dvirka & Portillario	Project Number 2184
Preparer's Affiliation Dvirka & Bartilucci Cons	Date Prepared 4/5/04
I. OCCUP	sulting Engineers Phone Number 315-437-1142
Address:	
County:(	
Home Phone	2 Nov.
II. OWNER OR LANDLORD NAME:S  (If different from occupant)  Address:	AM & AS Above
Phone Number:	
Split-Level Apar Colonial: Number of Floors Mobile Home Other Residence Age 5	er: specify  Materials Upod Frame Vywle Side
Is the building insulated? YES NO How air ti	ight is the building
B. Basement construction characteristics (circle  Full Basement crawlspace, slab on grade, of  Basement floor concrete dirt other  Concrete floor: unsealed painted covered well foundation walls: poured concrete, block, last foundation walls: wet, damp, dry  Sump  The basement is: finished unfinished  Identify potential soil vapor entry points (e.g.  Concrete floor: unsealed painted covered well foundation walls: poured concrete, block, last foundation walls: poured concrete, block, last foundation walls: wet, damp, dry  Sump  Reference floor: unsealed painted covered well foundation walls: poured concrete, block, last floor f	ther vith vith id up stone, other present? Y (N) Water in sump? Y/N  cracks, utility ports, etc.) Selferally 3 cod  SMALL SERGE



C. HVAC (circle all that apply)	•	
1. The type of heating system(s) used Hot Air Circulation	in this man't	
Hot Air Circulation	Hant D	
Unvented Kerosene Heater	Heat Pump	(Hot Water Radiation)
Electric Basehoard		Wood Stove
2. The type(s) of fuel(s) used is/are:	Other	_
Natural Gas	E 10"	
Wood	Fuel Oil	Electric
Other	Coal	Solar
3. Is the heating system's power about		
3. Is the heating system's power plant 14. Is there air-conditioning? Y(N)	located in the basement	or another area: KS hASE
Specify the location	Central Air or Wind	ow Units
5. Are there air distribution duese		
o. Describe the slipply and cold oin make	1	
is a cold air return and the tightness	urn duct work in the bas	ement including whether there
is a cold air return and the tightness	of duct joints	Hot water RADIATION
D. Potential Indoor Sources of Pollution		
1. Has the house ever had a fire? v		
2. Is there an attached garage? Y		
3. Is a vehicle normally parked in the ga		
4. Is there a kerosene heater present? Y	rage?(Y) N	
5. 13 there a workshop hobby on and		
<ul><li>5. Is there a workshop, hobby or craft are</li><li>6. An inventory of all products used products that contain volatile organization.</li></ul>	ea in the residence Y	/ N
products that contain volatile orga compounds should be listed. The att	inic compounds or che	micals similar to the target
compounds should be listed. The att purpose.	tached product inventory	form should be used for this
7. Is there a kitchen exhaust fan? Y		and a doct for this
8. Has the house ever been from		
8. Has the house ever been fumigated? I	f yes, describe date, type	and location of treatment
E. Water and Some (C)		or treatment.
E. Water and Sewage (Circle the appropriate Source of Water	iate response)	
Water Well Specifications  Water Well Specifications	Driven Well Dug Wel	l Other
Well Diameter Well Depth	Grouted or Ungrouted	
Well Depth Depth to Bedrock	Type of Storage Tank	
Depth to Bedrock Feet of Casing	Size of Storage Tank	
Feet of Casing Water Quality	Water Treatment	
Tosts and		
Taste and/or odor problems?  How long has the taste and/or of the second	YN Describe	f
Sewage Disposed	odor been present?	VIA
Sewage Disposal  Public  Septic T  Distance from well to septic system	ank Leach Field On	her
Distance from well to septic system	Type of septic ta	nk additive
AVM IAQ quest and building inv.doc/sp	1	

Rev. 04/02/04

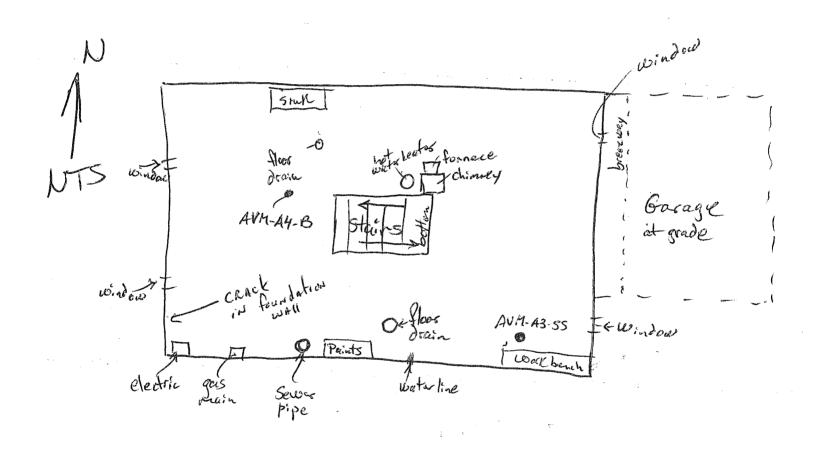
R. Clabeaux



### 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.

NA



H.	Household	Products	Inventory
----	-----------	----------	-----------

Product Description (dispenser, size, manufacturer...)

VOC ingredients

PID Reading (ppm)

Non-detectable PID

1. PAINT CANS (20 CANS)
2. PAINT CANS (3 CANS)

3. Misc, CAR Cleaning Products

Occupant / resident	e: .1/			
Investigator:	fulm	Date:	Stelast	
	•		1/3/04	