State of Wisconsin
DEPARTMENT OF NATURAL RESOURCES
2300 N. Dr. Martin Luther King, Jr. Drive
Milwaukee, WI 53212-3128

Tony Evers, Governor Preston D. Cole, Secretary Telephone 608-266-2621 Toll Free 1-888-936-7463 TTY Access via relay - 711



October 29, 2019

Alan J. Steinbrenner 1422 South 96<sup>th</sup> Street West Allis, WI 53214

SUBJECT:

Request for Access for Sampling for Vapor Intrusion

BRRTS #: 02-41-305222; FID #: 241855460

Dear Mr. Steinbrenner:

As part of the ongoing investigation of environmental contamination at the Badger Lease and Auto Sales site, the Wisconsin Department of Natural Resources (DNR) is requesting permission to test your home for vapor intrusion. Vapor intrusion is the movement of vapors from chemicals in the soil or groundwater into the indoor air. It is very similar to the way that radon gas can move into a home or office. This testing is part of an ongoing investigation and cleanup of chlorinated volatile organic compounds (CVOCs) being conducted by Badger Lease and Auto Sales. Not only will the results tell us if vapors are present in your home, they will also help us get a better idea as to whether vapors are a concern to the entire neighborhood.

Since 2002, the DNR has worked with the Badger Lease and Auto Sales and their consultants to investigate CVOC related impacts at and around Badger Lease and Auto Sales due to the historical use of the property. In 2012, the DNR requested access to sample for vapor intrusion at surrounding properties. This letter is an additional attempt to request access for vapor sampling.

The DNR needs to collect an air sample from the soil beneath your foundation and from within your home to determine whether vapors from chemicals historically used at Badger Lease and Auto Sales may be present in your home and, if so, at what levels. This is part of the DNR-required investigation at the Badger Lease and Auto Sales facility. Indoor air and sub-slab vapor sampling will be funded and conducted by the DNR or the responsible party and their consultant.

In order to complete the site investigation, we will need to receive your signed access agreement by November 30, 2019. Please send the signed agreement back in the self-addressed envelope provided with this letter, or FAX it to Issac Ross at (414) 263-8550. You can also send a scanned PDF copy to Issac Ross at issac.ross@wisconsin.gov. Lastly, please do not modify the access agreement in any way, as it may void the agreement.

Please give this request your prompt consideration. By taking action now to address potential chemical vapor intrusion in your home, you may avoid possible health and property liability issues in the future.

If you have questions or concerns about the wording of the agreement or any other aspect of this request or the testing, please call the DNR project manager, Issac Ross, at (414) 263-8519.



Request for Access for Sampling Vapor Intrusion Badger Lease and Auto Sales, BRRTS #: 02-41-305222 October 29, 2019

Sincerely,

Issac Ross
Regional Spill Coordinator
Project Manager – Hydrogeologist Adv.
Wisconsin Department of Natural Resources
Remediation & Redevelopment Program
Southeast Region

Attachments: DNR PUB. RR 953 Why Test for Vapor Intrusion?

DNR PUB. RR 954 What to Expect During Vapor Intrusion Sampling

DNR PUB. RR 976 Access Agreement Form

### Wisconsin Department of Natural Resources ACCESS PERMISSION AGREEMENT

I,	hereby give permission to the Wisconsin Department of  (Print Name)			
	urces (DNR) and its employees it reasonable times to the home/		representatives, agents and contractors, to enter upon and at	
1422	S. 96th St. West 1	Allis, W/	53214	
	vned by(Print Name)		The state of the s	
The property permission is chlorinated or	is located in the SW ¼ of the S for the following purposes: tha rganic compounds (CVOCs) loc	E ¼ of Sec. 32, 7 at the DNR may scated in soil and	677N, R21E, Milwaukee County, Wisconsin. The access screen the home/business for vapor migration from groundwater, associated with the Badger Lease and Auto lows the DNR or its authorized representative to:	
(1) (2) (3) (4)	Collect at least three (3) sep	parate vapor sam our indoor air sa	into the foundation of the home or business. ples from the sub-slab probe(s) at different times of the yea mple on each level of the home or business. needed.	
			ober 31, 2020, in which time the vapor screening work is elete the work, DNR will inform you in writing.	
The property	owner agrees not to damage or	interfere with the	e use of any sub-slab probe installed as permitted herein.	
IN WITNESS	S WHEREOF:			
Signature of Prope	erty Owner		Date	
Print Name			Email Address	
Mailing Address				
Area Code and Tel	lephone Number			
TENANT(S) / LE	SSEE(S) by UNIT NUMBER, ETC.		Mail or fax correspondence regarding this site to:	
Name of Tenant(s)	)/Lessee(s)		WI Dept. of Natural Resources ATTN: Issac Ross	
Tenant(s) phone m	umber		2300 N. Dr. Martin Luther King Jr. Dr. Fax: (414) 263-8550 Issac.Ross@Wisconsin.gov	
Tenant(s) email ad	dress			

## Why Test for Vapor Intrusion?



Vapor intrusion is likely an unfamiliar term to you, and hearing that your property should be tested for possible chemical vapor intrusion may cause you some concern. That is understandable, and this information sheet is designed to answer basic questions many people have. Please refer to DNR PUB-RR-892, "What is Vapor Intrusion?" for a summary discussion of the term "vapor intrusion."

Most cases of vapor intrusion will pose no immediate threat to your health and safety. However, when other neighborhood properties are contaminated, it is wise to get your home or building tested to determine if there is any cause for concern. If potentially harmful chemical vapors are detected inside your home or building, the Department of Natural Resources (DNR), working in collaboration with other health and environmental professionals, will help you come up with a solution to protect you and your family.

Please consider the following factors when deciding whether to allow access for sampling:

### Peace of mind

If there's a chance that chemical vapor or soil gas is seeping into your home or business, testing can determine whether it really is and to what extent. If testing reveals a problem, then steps can be taken to resolve it, making the indoor air you breathe safer for you and your family. Like radon gas, vapors from nearby soil or groundwater contamination can be diverted from beneath your home or office building and safely expelled into the outdoors, thus improving air quality inside your home or building.

The goal of sampling a residence or business is to eliminate as many of the unknowns as possible and safely address any concerns.

### Who pays for testing?

You didn't cause this problem, so you don't have to pay for testing just as long as you allow reasonable and timely access to have testing done. The cost of sampling at potentially impacted residences or workplaces, like yours, is covered by the responsible party (the person or business legally obligated to investigate and clean up the contamination). In some cases, it's paid for directly by DNR, the Department of Health Services (DHS), or some other agency. Vapor sampling will be performed by a professional, and samples will be sent to a specialized lab for analysis.

## Trained professionals and experts oversee the process

Multiple state and local agencies often work together to determine if vapor intrusion is a potential health risk in an area. The DNR, DHS, local health officials, the responsible party and environmental consultants are working together to ensure that quality samples are taken and that all results are given extensive review. It is important to gather the information in order to adequately understand if or where there may be a risk of vapor intrusion in your neighborhood.



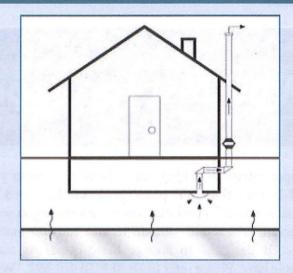


### A simple, cost effective solution exists

If vapor intrusion is a problem in a house or building, it can generally be solved by installing a vapor mitigation system. These sub-slab depressurizing systems are similar to those used to eliminate radon gas underneath homes, and have been used for years in a safe and effective manner. If the source of the vapor is tied to a responsible party, they will often pay to have a system installed at your home. The annual upkeep and operation of a typical system is generally less than \$100 per year, mostly for electricity. These annual costs are typically the responsibility of the homeowner.

## How will I know if the vapors have been eliminated?

After a vapor mitigation system is installed, followup testing of indoor air typically takes place three to six months later. The systems are usually considered permanent fixtures of the building. In cases where the source of the vapor is completely eliminated, the systems should no longer be needed.



If potentially harmful chemical vapor intrusion is detected in a home or business, the most common solution is to install a sub-slab depressurization system. This system captures and redirects soil vapors from below the building foundation before they enter the indoor air. Vapors are vented outside of the building where they disperse into the air and are rendered harmless.

Sub-slab depressurization systems also prevent radon from entering homes, which is an added health benefit in radon-prone areas.

#### Where can I find more information?

Health and vapor-related information can be found at the Wisconsin Department of Health Services (DHS) website at <a href="https://dhs.wisconsin.gov">dhs.wisconsin.gov</a>, search "Vapor." For other health-related questions, please contact your local health department: <a href="https://www.dhs.wisconsin.gov/localhealth">www.dhs.wisconsin.gov/localhealth</a>.

For more DNR information, please visit the DNR's Remediation and Redevelopment (RR) Program's Vapor Intrusion page at <a href="https://dnr.wi.gov/topic/Brownfields/Vapor.html">dnr.wi.gov/topic/Brownfields/Vapor.html</a>.

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# What to Expect During Vapor Intrusion Sampling



The sampling procedure for vapor intrusion is performed by health and environmental professionals. It involves drilling one or more small holes into the basement or lowest level of your building, collecting a vapor sample from those holes - also called ports - and then sending the sample to a specialized lab for analysis. This is called sub-slab sampling. Sampling professionals try to minimize any inconveniences to you by informing you up front on what to expect and working with your schedule on the days of sampling.

Vapor sampling provides information about the extent of potential contamination in your neighborhood.

### Should I be on site for the sampling?

It's up to you. Sampling professionals will need to be let in to install the testing equipment and collect the samples. The arrangements you make are completely dependent on your availability and comfort level with others on your property.

## How many times will sampling professionals enter my property, and how is sampling done?

In general, you should plan on two or three visits over two or three days. While the actual sampling procedure and schedule may vary, the following provides a typical approach:

Day 1: The first day includes locating suitable locations for port installation, then drilling and installing the ports. This usually takes about an hour or two.

Day 2: The second day involves attaching the collection canister to the port to begin collecting the samples. A 24-hour indoor air sampling kit may also be set up. This visit will also take an hour or two.

Day 3: The third day is a shorter visit to gather all of the sampling equipment and seal off the ports. Sometimes the port site is left in place in case samples may need to be collected in the future.

## Why not take indoor air samples instead of sub-slab samples?

Indoor air quality often changes from day to day, creating misleading assumptions about long-term indoor air quality. Indoor air quality may be affected by vapors given off by household or commercial products including paints, glues, fuels, cleaners, cigarette smoke, aerosol sprays, new carpeting or furniture. Also, any outdoor air that enters the inside of your house may also contain vapors which can alter test results. By itself, indoor air testing will not necessarily confirm that the vapors in the indoor air are entering a building from underground sources. However, indoor air samples are usually collected at the same time as the sub-slab samples for comparison purposes.





## What if there is a crawl space instead of a basement?

If there is a crawl space or a basement with a dirt floor, it is not possible to install a port. In these cases, a sample of air is collected from the crawl space or basement over a 24 hour period. Sometimes a port can be installed in the side wall of the foundation.

## Who pays for testing, and when will I get the results?

In many cases, the responsible party (the person or business legally obligated to investigate and clean up the environmental contamination) pays for the testing. The responsible party may also pay for the installation of a mitigation system if it is necessary. Sometimes, other parties such as DNR or the Dept. of Health may pay for testing. As long as the property owner provides reasonable and timely access for testing, rarely would they be responsible for the cost.

The laboratory results are usually available in two to four weeks and will be shared with you through a state or local health agency, the Wisconsin DNR, the responsible party or a hired consultant. An explanation of the findings and additional steps to be taken, if any, will also be provided.



A sub-slab vapor sampling system is usually in place for a day or two during the sampling process. The metal canisters (foreground) collect the vapor sample from the port (smaller canister in back of photo). The same canisters can be used to collect indoor air samples.

### Where can I find more information?

Health and vapor-related information can be found at the Wisconsin Department of Health Services (DHS) website at <u>dhs.wisconsin.gov</u>, search "Vapor." For other health-related questions, please contact your local health department: <u>www.dhs.wisconsin.gov/localhealth</u>.

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October 29, 2019

Dennis J. Anderson 1423 South 96<sup>th</sup> Street West Allis, WI 53214

SUBJECT:

Request for Access for Sampling for Vapor Intrusion

BRRTS #: 02-41-305222; FID #: 241855460

Dear Mr. Anderson:

As part of the ongoing investigation of environmental contamination at the Badger Lease and Auto Sales site, the Wisconsin Department of Natural Resources (DNR) is requesting permission to test your home for vapor intrusion. Vapor intrusion is the movement of vapors from chemicals in the soil or groundwater into the indoor air. It is very similar to the way that radon gas can move into a home or office. This testing is part of an ongoing investigation and cleanup of chlorinated volatile organic compounds (CVOCs) being conducted by Badger Lease and Auto Sales. Not only will the results tell us if vapors are present in your home, they will also help us get a better idea as to whether vapors are a concern to the entire neighborhood.

Since 2002, the DNR has worked with the Badger Lease and Auto Sales and their consultants to investigate CVOC related impacts at and around Badger Lease and Auto Sales due to the historical use of the property. In 2012, the DNR requested access to sample for vapor intrusion at surrounding properties. This letter is an additional attempt to request access for vapor sampling.

The DNR needs to collect an air sample from the soil beneath your foundation and from within your home to determine whether vapors from chemicals historically used at Badger Lease and Auto Sales may be present in your home and, if so, at what levels. This is part of the DNR-required investigation at the Badger Lease and Auto Sales facility. Indoor air and sub-slab vapor sampling will be funded and conducted by the DNR or the responsible party and their consultant.

In order to complete the site investigation, we will need to receive your signed access agreement by November 30, 2019. Please send the signed agreement back in the self-addressed envelope provided with this letter, or FAX it to Issac Ross at (414) 263-8550. You can also send a scanned PDF copy to Issac Ross at issac.ross@wisconsin.gov. Lastly, please do not modify the access agreement in any way, as it may void the agreement.

Please give this request your prompt consideration. By taking action now to address potential chemical vapor intrusion in your home, you may avoid possible health and property liability issues in the future.

If you have questions or concerns about the wording of the agreement or any other aspect of this request or the testing, please call the DNR project manager, Issac Ross, at (414) 263-8519.



Request for Access for Sampling Vapor Intrusion Badger Lease and Auto Sales, BRRTS #: 02-41-305222 October 29, 2019

Sincerely,

Issac Ross
Regional Spill Coordinator
Project Manager – Hydrogeologist Adv.
Wisconsin Department of Natural Resources
Remediation & Redevelopment Program
Southeast Region

Attachments: DNR PUB. RR 953 Why Test for Vapor Intrusion?

DNR PUB. RR 954 What to Expect During Vapor Intrusion Sampling

DNR PUB. RR 976 Access Agreement Form

### Wisconsin Department of Natural Resources ACCESS PERMISSION AGREEMENT

Ι,	hereby give peri	mission to the Wisconsin Department of		
(Print Name)				
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1423 South 96th St., W	Vest Allis, WI	53214		
and that is owned by(Print Name)	)	·		
permission is for the following purposes: techlorinated organic compounds (CVOCs)	that the DNR may scre located in soil and gro	N, R21E, Milwaukee County, Wisconsin. The access een the home/business for vapor migration from bundwater, associated with the Badger Lease and Auto ws the DNR or its authorized representative to:		
(2) Collect at least three (3) s	separate vapor samples I hour indoor air samp	to the foundation of the home or business. es from the sub-slab probe(s) at different times of the yea ole on each level of the home or business. eded.		
		er 31, 2020, in which time the vapor screening work is the the work, DNR will inform you in writing.		
The property owner agrees not to damage	or interfere with the us	se of any sub-slab probe installed as permitted herein.		
IN WITNESS WHEREOF:				
Signature of Property Owner		Date		
Print Name		Email Address		
Mailing Address				
Area Code and Telephone Number				
TENANT(S) / LESSEE(S) by UNIT NUMBER, ETC.		Mail or fax correspondence regarding this site to:		
Name of Tenant(s)/Lessee(s)		WI Dept. of Natural Resources ATTN: Issac Ross		
Tenant(s) phone number		2300 N. Dr. Martin Luther King Jr. Dr. Fax: (414) 263-8550 Issac.Ross@Wisconsin.gov		

Tenant(s) email address

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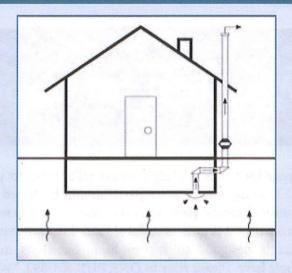


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October 29, 2019

James P. Coster ROLA, LLC 9611 West Greenfield Ave. West Allis, WI 53214

SUBJECT:

Request for Access for Sampling for Vapor Intrusion

BRRTS #: 02-41-305222; FID #: 241855460

Dear Mr. Coster:

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Sincerel

Issac Ross

Regional Spill Coordinator

Project Manager – Hydrogeologist Adv.

Wisconsin Department of Natural Resources

Remediation & Redevelopment Program

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I,(Print Name)	hereby give permission to the Wisconsin Department of  (Print Name)				
Natural Resources (DNR) and its employed have access at reasonable times to the hon		ves, agents and contractors, to enter upon and			
9611 W. Greenfield Ave	. , West Allis , WI 5	3214			
and that is owned by(Print Name)	· )				
permission is for the following purposes:	that the DNR may screen the hor located in soil and groundwater,	associated with the Badger Lease and Auto			
(2) Collect at least three (3) s (3) Collect, if necessary, a 24	slab vapor probe(s) into the foun separate vapor samples from the thour indoor air sample on each (s) when no longer needed.	sub-slab probe(s) at different times of the year.			
The permission that is granted shall remai expected to be complete. If an extension is		), in which time the vapor screening work is , DNR will inform you in writing.			
The property owner agrees not to damage	or interfere with the use of any s	ub-slab probe installed as permitted herein.			
IN WITNESS WHEREOF:					
Signature of Property Owner	_ D	vate			
Print Name	E	Email Address			
Mailing Address					
Area Code and Telephone Number					
TENANT(S) / LESSEE(S) by UNIT NUMBER, ETC.		Mail or fax correspondence regarding this site to:			
Name of Tenant(s)/Lessee(s)		WI Dept. of Natural Resources ATTN: Issac Ross			
Tenant(s) phone number		2300 N. Dr. Martin Luther King Jr. Dr. Fax: (414) 263-8550 Issac.Ross@Wisconsin.gov			
		, · · · · · · · · · · · · · · · · · · ·			

Tenant(s) email address

## Why Test for Vapor Intrusion?



Vapor intrusion is likely an unfamiliar term to you, and hearing that your property should be tested for possible chemical vapor intrusion may cause you some concern. That is understandable, and this information sheet is designed to answer basic questions many people have. Please refer to DNR PUB-RR-892, "What is Vapor Intrusion?" for a summary discussion of the term "vapor intrusion."

Most cases of vapor intrusion will pose no immediate threat to your health and safety. However, when other neighborhood properties are contaminated, it is wise to get your home or building tested to determine if there is any cause for concern. If potentially harmful chemical vapors are detected inside your home or building, the Department of Natural Resources (DNR), working in collaboration with other health and environmental professionals, will help you come up with a solution to protect you and your family.

Please consider the following factors when deciding whether to allow access for sampling:

### Peace of mind

If there's a chance that chemical vapor or soil gas is seeping into your home or business, testing can determine whether it really is and to what extent. If testing reveals a problem, then steps can be taken to resolve it, making the indoor air you breathe safer for you and your family. Like radon gas, vapors from nearby soil or groundwater contamination can be diverted from beneath your home or office building and safely expelled into the outdoors, thus improving air quality inside your home or building.

The goal of sampling a residence or business is to eliminate as many of the unknowns as possible and safely address any concerns.

### Who pays for testing?

You didn't cause this problem, so you don't have to pay for testing just as long as you allow reasonable and timely access to have testing done. The cost of sampling at potentially impacted residences or workplaces, like yours, is covered by the responsible party (the person or business legally obligated to investigate and clean up the contamination). In some cases, it's paid for directly by DNR, the Department of Health Services (DHS), or some other agency. Vapor sampling will be performed by a professional, and samples will be sent to a specialized lab for analysis.

## Trained professionals and experts oversee the process

Multiple state and local agencies often work together to determine if vapor intrusion is a potential health risk in an area. The DNR, DHS, local health officials, the responsible party and environmental consultants are working together to ensure that quality samples are taken and that all results are given extensive review. It is important to gather the information in order to adequately understand if or where there may be a risk of vapor intrusion in your neighborhood.



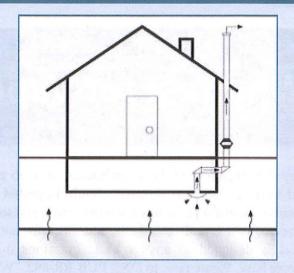


### A simple, cost effective solution exists

If vapor intrusion is a problem in a house or building, it can generally be solved by installing a vapor mitigation system. These sub-slab depressurizing systems are similar to those used to eliminate radon gas underneath homes, and have been used for years in a safe and effective manner. If the source of the vapor is tied to a responsible party, they will often pay to have a system installed at your home. The annual upkeep and operation of a typical system is generally less than \$100 per year, mostly for electricity. These annual costs are typically the responsibility of the homeowner.

## How will I know if the vapors have been eliminated?

After a vapor mitigation system is installed, followup testing of indoor air typically takes place three to six months later. The systems are usually considered permanent fixtures of the building. In cases where the source of the vapor is completely eliminated, the systems should no longer be needed.



If potentially harmful chemical vapor intrusion is detected in a home or business, the most common solution is to install a sub-slab depressurization system. This system captures and redirects soil vapors from below the building foundation before they enter the indoor air. Vapors are vented outside of the building where they disperse into the air and are rendered harmless.

Sub-slab depressurization systems also prevent radon from entering homes, which is an added health benefit in radon-prone areas.

### Where can I find more information?

Health and vapor-related information can be found at the Wisconsin Department of Health Services (DHS) website at <a href="https://dhs.wisconsin.gov">dhs.wisconsin.gov</a>, search "Vapor." For other health-related questions, please contact your local health department: <a href="https://www.dhs.wisconsin.gov/localhealth">www.dhs.wisconsin.gov/localhealth</a>.

For more DNR information, please visit the DNR's Remediation and Redevelopment (RR) Program's Vapor Intrusion page at <a href="https://dnr.wi.gov/topic/Brownfields/Vapor.html">dnr.wi.gov/topic/Brownfields/Vapor.html</a>.

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# What to Expect During Vapor Intrusion Sampling



The sampling procedure for vapor intrusion is performed by health and environmental professionals. It involves drilling one or more small holes into the basement or lowest level of your building, collecting a vapor sample from those holes - also called ports - and then sending the sample to a specialized lab for analysis. This is called sub-slab sampling. Sampling professionals try to minimize any inconveniences to you by informing you up front on what to expect and working with your schedule on the days of sampling.

Vapor sampling provides information about the extent of potential contamination in your neighborhood.

### Should I be on site for the sampling?

It's up to you. Sampling professionals will need to be let in to install the testing equipment and collect the samples. The arrangements you make are completely dependent on your availability and comfort level with others on your property.

## How many times will sampling professionals enter my property, and how is sampling done?

In general, you should plan on two or three visits over two or three days. While the actual sampling procedure and schedule may vary, the following provides a typical approach:

Day 1: The first day includes locating suitable locations for port installation, then drilling and installing the ports. This usually takes about an hour or two.

Day 2: The second day involves attaching the collection canister to the port to begin collecting the samples. A 24-hour indoor air sampling kit may also be set up. This visit will also take an hour or two.

Day 3: The third day is a shorter visit to gather all of the sampling equipment and seal off the ports. Sometimes the port site is left in place in case samples may need to be collected in the future.

## Why not take indoor air samples instead of sub-slab samples?

Indoor air quality often changes from day to day, creating misleading assumptions about long-term indoor air quality. Indoor air quality may be affected by vapors given off by household or commercial products including paints, glues, fuels, cleaners, cigarette smoke, aerosol sprays, new carpeting or furniture. Also, any outdoor air that enters the inside of your house may also contain vapors which can alter test results. By itself, indoor air testing will not necessarily confirm that the vapors in the indoor air are entering a building from underground sources. However, indoor air samples are usually collected at the same time as the sub-slab samples for comparison purposes.





### What if there is a crawl space instead of a basement?

If there is a crawl space or a basement with a dirt floor, it is not possible to install a port. In these cases, a sample of air is collected from the crawl space or basement over a 24 hour period. Sometimes a port can be installed in the side wall of the foundation.

## Who pays for testing, and when will I get the results?

In many cases, the responsible party (the person or business legally obligated to investigate and clean up the environmental contamination) pays for the testing. The responsible party may also pay for the installation of a mitigation system if it is necessary. Sometimes, other parties such as DNR or the Dept. of Health may pay for testing. As long as the property owner provides reasonable and timely access for testing, rarely would they be responsible for the cost.

The laboratory results are usually available in two to four weeks and will be shared with you through a state or local health agency, the Wisconsin DNR, the responsible party or a hired consultant. An explanation of the findings and additional steps to be taken, if any, will also be provided.



A sub-slab vapor sampling system is usually in place for a day or two during the sampling process. The metal canisters (foreground) collect the vapor sample from the port (smaller canister in back of photo). The same canisters can be used to collect indoor air samples.

### Where can I find more information?

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State of Wisconsin
DEPARTMENT OF NATURAL RESOURCES
2300 N. Dr. Martin Luther King, Jr. Drive
Milwaukee, WI 53212-3128

Tony Evers, Governor Preston D. Cole, Secretary Telephone 608-266-2621 Toll Free 1-888-936-7463 TTY Access via relay - 711



October 29, 2019

Alexander & Kirsten Pezewski 1426 South 96<sup>th</sup> Street West Allis, WI 53214

SUBJECT:

Request for Access for Sampling for Vapor Intrusion

BRRTS #: 02-41-305222; FID #: 241855460

Dear Mr. & Mrs. Pezewski:

As part of the ongoing investigation of environmental contamination at the Badger Lease and Auto Sales site, the Wisconsin Department of Natural Resources (DNR) is requesting permission to test your home for vapor intrusion. Vapor intrusion is the movement of vapors from chemicals in the soil or groundwater into the indoor air. It is very similar to the way that radon gas can move into a home or office. This testing is part of an ongoing investigation and cleanup of chlorinated volatile organic compounds (CVOCs) being conducted by Badger Lease and Auto Sales. Not only will the results tell us if vapors are present in your home, they will also help us get a better idea as to whether vapors are a concern to the entire neighborhood.

Since 2002, the DNR has worked with the Badger Lease and Auto Sales and their consultants to investigate CVOC related impacts at and around Badger Lease and Auto Sales due to the historical use of the property. In 2012, the DNR requested access to sample for vapor intrusion at surrounding properties. This letter is an additional attempt to request access for vapor sampling.

The DNR needs to collect an air sample from the soil beneath your foundation and from within your home to determine whether vapors from chemicals historically used at Badger Lease and Auto Sales may be present in your home and, if so, at what levels. This is part of the DNR-required investigation at the Badger Lease and Auto Sales facility. Indoor air and sub-slab vapor sampling will be funded and conducted by the DNR or the responsible party and their consultant.

In order to complete the site investigation, we will need to receive your signed access agreement by November 30, 2019. Please send the signed agreement back in the self-addressed envelope provided with this letter, or FAX it to Issac Ross at (414) 263-8550. You can also send a scanned PDF copy to Issac Ross at issac.ross@wisconsin.gov. Lastly, please do not modify the access agreement in any way, as it may void the agreement.

Please give this request your prompt consideration. By taking action now to address potential chemical vapor intrusion in your home, you may avoid possible health and property liability issues in the future.

If you have questions or concerns about the wording of the agreement or any other aspect of this request or the testing, please call the DNR project manager, Issac Ross, at (414) 263-8519.



Request for Access for Sampling Vapor Intrusion Badger Lease and Auto Sales, BRRTS #: 02-41-305222 October 29, 2019

Sincerely,

**Issac Ross** 

Regional Spill Coordinator

Project Manager - Hydrogeologist Adv.

Wisconsin Department of Natural Resources

Remediation & Redevelopment Program

Southeast Region

Attachments: DNR PUB. RR 953 Why Test for Vapor Intrusion?

DNR PUB. RR 954 What to Expect During Vapor Intrusion Sampling

DNR PUB. RR 976 Access Agreement Form

### Wisconsin Department of Natural Resources ACCESS PERMISSION AGREEMENT

I,(Print Name)	hereby give permission to the Wisconsin Department of (Print Name)				
		ves, agents and contractors, to enter upon and			
1426 S. 96th St. West A	llis, WI 53214				
and that is owned by(Print Name	· · ·				
The property is located in the SW ¼ of th permission is for the following purposes:	that the DNR may screen the hop located in soil and groundwater	, associated with the Badger Lease and Auto			
<ul><li>(2) Collect at least three (3)</li><li>(3) Collect, if necessary, a 2-</li></ul>	slab vapor probe(s) into the four separate vapor samples from the 4 hour indoor air sample on each e(s) when no longer needed.	sub-slab probe(s) at different times of the yea			
The permission that is granted shall remare expected to be complete. If an extension is		0, in which time the vapor screening work is k, DNR will inform you in writing.			
The property owner agrees not to damage	or interfere with the use of any	sub-slab probe installed as permitted herein.			
IN WITNESS WHEREOF:					
Signature of Property Owner		Date			
Print Name	1	Email Address			
Mailing Address					
Area Code and Telephone Number					
TENANT(S) / LESSEE(S) by UNIT NUMBER, ETC.		Mail or fax correspondence regarding this site to:			
Name of Tenant(s)/Lessee(s)		WI Dept. of Natural Resources			
Tenant(s) phone number		ATTN: Issac Ross 2300 N. Dr. Martin Luther King Jr. Dr. Fax: (414) 263-8550 Issac.Ross@Wisconsin.gov			
Tenant(s) email address					

## Why Test for Vapor Intrusion?



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Most cases of vapor intrusion will pose no immediate threat to your health and safety. However, when other neighborhood properties are contaminated, it is wise to get your home or building tested to determine if there is any cause for concern. If potentially harmful chemical vapors are detected inside your home or building, the Department of Natural Resources (DNR), working in collaboration with other health and environmental professionals, will help you come up with a solution to protect you and your family.

Please consider the following factors when deciding whether to allow access for sampling:

### Peace of mind

If there's a chance that chemical vapor or soil gas is seeping into your home or business, testing can determine whether it really is and to what extent. If testing reveals a problem, then steps can be taken to resolve it, making the indoor air you breathe safer for you and your family. Like radon gas, vapors from nearby soil or groundwater contamination can be diverted from beneath your home or office building and safely expelled into the outdoors, thus improving air quality inside your home or building.

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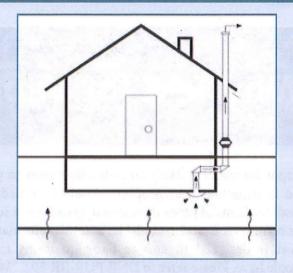


### A simple, cost effective solution exists

If vapor intrusion is a problem in a house or building, it can generally be solved by installing a vapor mitigation system. These sub-slab depressurizing systems are similar to those used to eliminate radon gas underneath homes, and have been used for years in a safe and effective manner. If the source of the vapor is tied to a responsible party, they will often pay to have a system installed at your home. The annual upkeep and operation of a typical system is generally less than \$100 per year, mostly for electricity. These annual costs are typically the responsibility of the homeowner.

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### Where can I find more information?

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State of Wisconsin
DEPARTMENT OF NATURAL RESOURCES
2300 N. Dr. Martin Luther King, Jr. Drive
Milwaukee, WI 53212-3128

Tony Evers, Governor Preston D. Cole, Secretary Telephone 608-266-2621 Toll Free 1-888-936-7463 TTY Access via relay - 711



October 29, 2019

Joseph H. Medinger 9513 W. Greenfield Ave. West Allis, WI 53214

SUBJECT:

Request for Access for Sampling for Vapor Intrusion

BRRTS #: 02-41-305222; FID #: 241855460

Dear Mr. Medinger:

As part of the ongoing investigation of environmental contamination at the Badger Lease and Auto Sales site, the Wisconsin Department of Natural Resources (DNR) is requesting permission to test your home for vapor intrusion. Vapor intrusion is the movement of vapors from chemicals in the soil or groundwater into the indoor air. It is very similar to the way that radon gas can move into a home or office. This testing is part of an ongoing investigation and cleanup of chlorinated volatile organic compounds (CVOCs) being conducted by Badger Lease and Auto Sales. Not only will the results tell us if vapors are present in your home, they will also help us get a better idea as to whether vapors are a concern to the entire neighborhood.

Since 2002, the DNR has worked with the Badger Lease and Auto Sales and their consultants to investigate CVOC related impacts at and around Badger Lease and Auto Sales due to the historical use of the property. In 2012, the DNR requested access to sample for vapor intrusion at surrounding properties. This letter is an additional attempt to request access for vapor sampling.

The DNR needs to collect an air sample from the soil beneath your foundation and from within your home to determine whether vapors from chemicals historically used at Badger Lease and Auto Sales may be present in your home and, if so, at what levels. This is part of the DNR-required investigation at the Badger Lease and Auto Sales facility. Indoor air and sub-slab vapor sampling will be funded and conducted by the DNR or the responsible party and their consultant.

In order to complete the site investigation, we will need to receive your signed access agreement by November 30, 2019. Please send the signed agreement back in the self-addressed envelope provided with this letter, or FAX it to Issac Ross at (414) 263-8550. You can also send a scanned PDF copy to Issac Ross at issac.ross@wisconsin.gov. Lastly, please do not modify the access agreement in any way, as it may void the agreement.

Please give this request your prompt consideration. By taking action now to address potential chemical vapor intrusion in your home, you may avoid possible health and property liability issues in the future.

If you have questions or concerns about the wording of the agreement or any other aspect of this request or the testing, please call the DNR project manager, Issac Ross, at (414) 263-8519.



Request for Access for Sampling Vapor Intrusion Badger Lease and Auto Sales, BRRTS #: 02-41-305222 October 29, 2019

Sincerely,

Issac Ross

Regional Spill Coordinator

Project Manager – Hydrogeologist Adv.

Wisconsin Department of Natural Resources

Remediation & Redevelopment Program

Southeast Region

Attachments: DNR PUB. RR 953 Why Test for Vapor Intrusion?

DNR PUB. RR 954 What to Expect During Vapor Intrusion Sampling

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9513	W.	Greenfield	Ave.	West	Allis,	WI	5321	4
and that is o	wned	oy	(Print Name	<del></del>			·	
The propert permission is chlorinated	y is loc is for th organi	ated in the SW ne following proceedings (	/ ¼ of th urposes: CVOCs)	e SE ¼ that the located	of Sec. 3 DNR m	32, T7N ay scre and gro	en the houndwater	Milwaukee County, Wisconsin. The access ome/business for vapor migration from r, associated with the Badger Lease and Auto IR or its authorized representative to:
(1) (2) (3) (4)	Ca Ca	ollect at least t	hree (3) sary, a 2	separat 4 hour i	e vapor . indoor ai	sample. ir samp	s from the le on eac	ndation of the home or business. e sub-slab probe(s) at different times of the year. Th level of the home or business.
								20, in which time the vapor screening work is k, DNR will inform you in writing.
The propert	y owne	er agrees not to	damage	or inte	rfere wit	h the us	se of any	sub-slab probe installed as permitted herein.
IN WITNES	SS WH	EREOF:						
Signature of Pro	perty Ow	ner						Date
Print Name							Email Address	
Mailing Address	:	_						
Area Code and T	Telephone	Number						
TENANT(S) / LESSEE(S) by UNIT NUMBER, ETC.						·	Mail or fax correspondence regarding this site to:	
Name of Tenant	(s)/Lesse	e(s)						WI Dept. of Natural Resources ATTN: Issac Ross
Tenant(s) phone number						2300 N. Dr. Martin Luther King Jr. Dr. Fax: (414) 263-8550 Issac.Ross@Wisconsin.gov		
Tenant(s) email	address							

## Why Test for Vapor Intrusion?



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### Peace of mind

If there's a chance that chemical vapor or soil gas is seeping into your home or business, testing can determine whether it really is and to what extent. If testing reveals a problem, then steps can be taken to resolve it, making the indoor air you breathe safer for you and your family. Like radon gas, vapors from nearby soil or groundwater contamination can be diverted from beneath your home or office building and safely expelled into the outdoors, thus improving air quality inside your home or building.

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You didn't cause this problem, so you don't have to pay for testing just as long as you allow reasonable and timely access to have testing done. The cost of sampling at potentially impacted residences or workplaces, like yours, is covered by the responsible party (the person or business legally obligated to investigate and clean up the contamination). In some cases, it's paid for directly by DNR, the Department of Health Services (DHS), or some other agency. Vapor sampling will be performed by a professional, and samples will be sent to a specialized lab for analysis.

## Trained professionals and experts oversee the process

Multiple state and local agencies often work together to determine if vapor intrusion is a potential health risk in an area. The DNR, DHS, local health officials, the responsible party and environmental consultants are working together to ensure that quality samples are taken and that all results are given extensive review. It is important to gather the information in order to adequately understand if or where there may be a risk of vapor intrusion in your neighborhood.



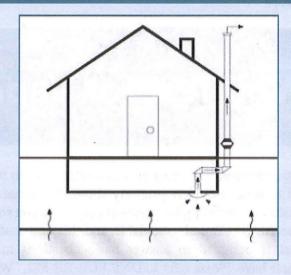


### A simple, cost effective solution exists

If vapor intrusion is a problem in a house or building, it can generally be solved by installing a vapor mitigation system. These sub-slab depressurizing systems are similar to those used to eliminate radon gas underneath homes, and have been used for years in a safe and effective manner. If the source of the vapor is tied to a responsible party, they will often pay to have a system installed at your home. The annual upkeep and operation of a typical system is generally less than \$100 per year, mostly for electricity. These annual costs are typically the responsibility of the homeowner.

## How will I know if the vapors have been eliminated?

After a vapor mitigation system is installed, followup testing of indoor air typically takes place three to six months later. The systems are usually considered permanent fixtures of the building. In cases where the source of the vapor is completely eliminated, the systems should no longer be needed.



If potentially harmful chemical vapor intrusion is detected in a home or business, the most common solution is to install a sub-slab depressurization system. This system captures and redirects soil vapors from below the building foundation before they enter the indoor air. Vapors are vented outside of the building where they disperse into the air and are rendered harmless.

Sub-slab depressurization systems also prevent radon from entering homes, which is an added health benefit in radon-prone areas.

#### Where can I find more information?

Health and vapor-related information can be found at the Wisconsin Department of Health Services (DHS) website at <a href="mailto:dhs.wisconsin.gov">dhs.wisconsin.gov</a>, search "Vapor." For other health-related questions, please contact your local health department: <a href="https://www.dhs.wisconsin.gov/localhealth">www.dhs.wisconsin.gov/localhealth</a>.

Additional information can be obtained through the DNR field office in your region. To find the correct office, visit the RR Program Staff Contacts page at <a href="https://dnr.wi.gov/topic/Brownfields/Contact.html">dnr.wi.gov/topic/Brownfields/Contact.html</a> or call the RR Program at (608) 266-2111.

# What to Expect During Vapor Intrusion Sampling



The sampling procedure for vapor intrusion is performed by health and environmental professionals. It involves drilling one or more small holes into the basement or lowest level of your building, collecting a vapor sample from those holes - also called ports - and then sending the sample to a specialized lab for analysis. This is called sub-slab sampling. Sampling professionals try to minimize any inconveniences to you by informing you up front on what to expect and working with your schedule on the days of sampling.

Vapor sampling provides information about the extent of potential contamination in your neighborhood.

### Should I be on site for the sampling?

It's up to you. Sampling professionals will need to be let in to install the testing equipment and collect the samples. The arrangements you make are completely dependent on your availability and comfort level with others on your property.

## How many times will sampling professionals enter my property, and how is sampling done?

In general, you should plan on two or three visits over two or three days. While the actual sampling procedure and schedule may vary, the following provides a typical approach:

Day 1: The first day includes locating suitable locations for port installation, then drilling and installing the ports. This usually takes about an hour or two.

Day 2: The second day involves attaching the collection canister to the port to begin collecting the samples. A 24-hour indoor air sampling kit may also be set up. This visit will also take an hour or two.

Day 3: The third day is a shorter visit to gather all of the sampling equipment and seal off the ports. Sometimes the port site is left in place in case samples may need to be collected in the future.

## Why not take indoor air samples instead of sub-slab samples?

Indoor air quality often changes from day to day, creating misleading assumptions about long-term indoor air quality. Indoor air quality may be affected by vapors given off by household or commercial products including paints, glues, fuels, cleaners, cigarette smoke, aerosol sprays, new carpeting or furniture. Also, any outdoor air that enters the inside of your house may also contain vapors which can alter test results. By itself, indoor air testing will not necessarily confirm that the vapors in the indoor air are entering a building from underground sources. However, indoor air samples are usually collected at the same time as the sub-slab samples for comparison purposes.





## What if there is a crawl space instead of a basement?

If there is a crawl space or a basement with a dirt floor, it is not possible to install a port. In these cases, a sample of air is collected from the crawl space or basement over a 24 hour period. Sometimes a port can be installed in the side wall of the foundation.

## Who pays for testing, and when will I get the results?

In many cases, the responsible party (the person or business legally obligated to investigate and clean up the environmental contamination) pays for the testing. The responsible party may also pay for the installation of a mitigation system if it is necessary. Sometimes, other parties such as DNR or the Dept. of Health may pay for testing. As long as the property owner provides reasonable and timely access for testing, rarely would they be responsible for the cost.

The laboratory results are usually available in two to four weeks and will be shared with you through a state or local health agency, the Wisconsin DNR, the responsible party or a hired consultant. An explanation of the findings and additional steps to be taken, if any, will also be provided.



A sub-slab vapor sampling system is usually in place for a day or two during the sampling process. The metal canisters (foreground) collect the vapor sample from the port (smaller canister in back of photo). The same canisters can be used to collect indoor air samples.

### Where can I find more information?

Health and vapor-related information can be found at the Wisconsin Department of Health Services (DHS) website at <a href="https://decample.com/deca

For more DNR information, please visit the DNR's Remediation and Redevelopment (RR) Program's Vapor Intrusion page at <a href="mailto:dnr.wi.gov/topic/Brownfields/Vapor.html">dnr.wi.gov/topic/Brownfields/Vapor.html</a>.

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