Mr. Timothy Carnes Storage Space Solutions LLC 710 Oak Street Fort Atkinson, WI 53538



BOUTH CEN

SUBJECT: Indoor Air Sampling Results PROPERTY: DB Oak (formerly Thomas Industries) ("DB Oak") 700-710 Oak Street, Fort Atkinson, Wisconsin (the "Property") DNR BRRTS # 02-28-176509

Dear Mr. Carnes:

Included are the findings of a recent investigation on the Property by Friess Environmental Consulting, Inc. ("FEC").

As you are aware, this investigation was conducted because of the potential for contaminant vapors from the Property, identified above, to migrate through soils, accumulate beneath the foundation of the Property, and possibly enter your indoor air. The contaminants of concern at the Property are tetrachloroethylene, trichloroethylene and vinyl chloride, commonly referred to as PCE, TCE and VC.

Test Results

On September 27, 2019, FEC, an environmental consultant hired by Gardner Denver, Inc., placed sampling canisters in portions of the building at the Property and collected indoor air samples. The samples were then submitted to the laboratory for analysis of five (5) different volatile organic compounds, including PCE, TCE and VC.

The analysis detected PCE in indoor air at concentrations ranging from 3.4 ug/m^3 to 25.9 ug/m^3 . The DNR industrial vapor action level ("VAL") for PCE is 180 ug/m^3 .

The analysis detected TCE in indoor air at concentrations ranging from <0.237 ug/m³ to 3.7 ug/m³. The DNR industrial VAL for TCE is 8.8 ug/m³.

The analysis did not detect VC in any of the indoor air samples. The VAL for VC is 28 ug/m³.

Attached is a copy of the laboratory reports for the indoor air samples taken from the building at the Property, as well as a map showing the sampling locations, and a data table.

Next Steps

We recommend the following actions at this time:

The Wisconsin DNR recommends that we install a sub-slab mitigation system to remove PCE, TCE and VC vapors from beneath the Property. This system is identical to that used for homes with high radon levels. The system diverts radon (or chemical vapors) from beneath the home and discharges them into the outdoor air, above the building's roofline, rendering them harmless. Once PCE, TCE and VC vapors are successfully removed from beneath the foundation floor, there will be no potential or actual health threat for you or your employees from that kind of exposure.

The Property owner will be contacted by FEC to schedule installation of the sub-slab mitigation system, and we have forwarded a letter to the owner with a First Request for Access to Install Mitigation System, as well as WDNR RR 5457 Template Access Agreement for VI Mitigation Installation. The cost of system installation will be paid by Gardner Denver, Inc.

Please feel free to contact me at the number below if you have any questions about these results.

Sincerely, *FRIESS ENVIRONMENTAL CONSULTING, INC.*

/math

Trenton J. Ott Project Manager

Encs.

Richard W. Frieseke

Richard W. Frieseke, P.E. President

cc: Curtis Hedman Wisconsin Dept. of Health Services 1 W. Wilson St. PO Box 2659 Madison, WI 53703

> Alyssa Sellwood Wisconsin Dept. of Natural Resources RR/5 101 S. Webster St. PO Box 7921 Madison, WI 53707

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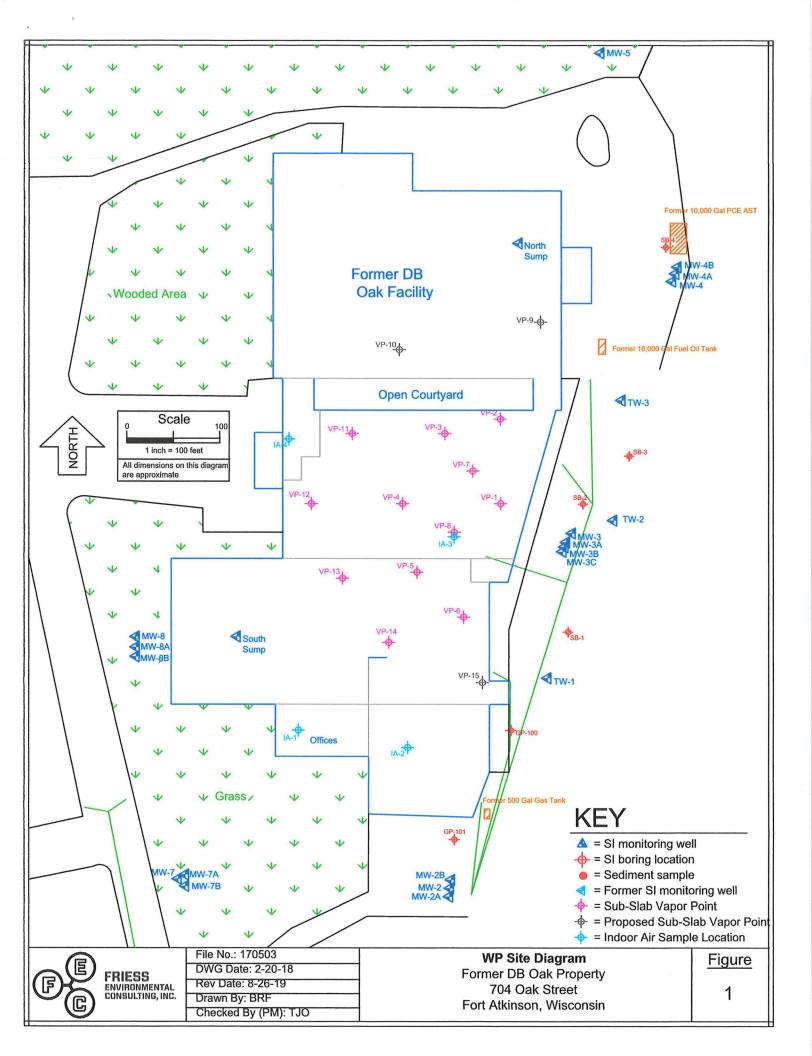
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Property Owner: DB Oak Limited Partnership

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A.4. Vapor Analytical Table VOC Analytical Results - Indoor Air Samples Former DB Oak Property Fort Atkinson, Wisconsin

Sample Location	Location	Sampling Date	cis-1,2- DCE (ug/m³)	trans-1,2- DCE (ug/m³)	PCE (ug/m ³)	TCE (ug/m³)	Vinyl Chloride (ug/m ³)
IA-1	SW Office	9/27/19	<0.197	<0.231	25.9	1.66	<0.148
IA-2	SE Garage	9/27/19	<0.197	<0.231	3.40	<0.237	<0.148
IA-3	Mid Bay	9/27/19	1.27	<0.231	20.0	<u>3.60</u>	<0.148
IA-4	Kennel Club	9/27/19	19.5	<0.231	18.8	<u>3.70</u>	<0.148
Residential VALs			NS	NS	42	2.1	1.7
Commercia	l VALs		NS	NS	180	8.8	28
Industrial V	ALs		NS	NS	180	8.8	28

Notes:

1. DNR Vapor Action Levels (VALs) are from U.S. EPA tables (updated November 2017)

2. Concentrations that exceed their respective residential DNR VALs are underlined.

3. Concentrations that exceed their respective small commercial DNR VALs are in red.

4. Concentrations that exceed their respective large commercial DNR VALs are in red bold.

Synergy Environmental Lab, INC

1990 Prospect Ct., Appleton, WI 54914 *P 920-830-2455 * F 920-733-0631

TRENT OTT FEC. INC. 6635 N. SIDNEY PLACE MILWAUKEE. WI 53209

Report Date 01-Oct-19

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Project Name Proiect # Lab Code Sample ID Sample Matrix Sample Date	DB OAKS 170503 5036868A IA-1 Air 9/27/2019						Invo	ice # E368	68		
Sumpre Dute	<i>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</i>	Result	Unit	LOD 1	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic Air Samples cis-1,2-Dichloroet trans-1,2-Dichloro Tetrachloroethene Trichloroethene (T Vinyl Chloride	ethene	< 0.197 < 0.231 25.9 1.66 < 0.148	ug/m3 ug/m3 ug/m3 ug/m3 ug/m3	0.197 0.231 0.278 0.237 0.148	0.626 0.734 0.884 0.754 0.472	1 1 1 1	TO-15 TO-15 TO-15 TO-15 TO-15		9/30/2019 9/30/2019 9/30/2019 9/30/2019 9/30/2019	CJR CJR CJR CJR CJR	1 1 1 1
Lab Code Sample ID Sample Matrix Sample Date	5036868B IA-2 Air 9/27/2019	Result	Unit	LOD	LOQ	Dil	Method	Ext Date	Run Date	Analyst	Code
Organic Air Samples cis-1,2-Dichloroeth trans-1,2-Dichloro Tetrachloroethene Trichloroethene (T Vinyl Chloride	ethene	< 0.197 < 0.231 3.4 < 0.237 < 0.148	ug/m3 ug/m3 ug/m3 ug/m3 ug/m3	0.197 0.231 0.278 0.237 0.148	0.626 0.734 0.884 0.754 0.472	1 1 1 1	TO-15 TO-15 TO-15 TO-15 TO-15		9/30/2019 9/30/2019 9/30/2019 9/30/2019 9/30/2019	CJR CJR CJR CJR CJR	1 1 1 1 1

Project Name Project #	DB OAKS 170503						Invo	ice # E368	68	
Lab Code Sample ID Sample Matrix Sample Date	5036868C IA-3 Air 9/27/2019	Result	Unit	LOD	loq i	Dil	Method	Ext Date	Run Date Analyst	Code
Organic					-				_	
Air Samples										
cis-1,2-Dichloroet	nene	1.27	ug/m3	0.197	0.626	1	TO-15		9/30/2019 CJR	1
trans-1,2-Dichloro	ethene	< 0.231	ug/m3	0.231	0.734	1	TO-15		9/30/2019 CJR	1
Tetrachloroethene	Tetrachloroethene		ug/m3	0.278	0.884	1	TO-15		9/30/2019 CJR	1
Trichloroethene (TCE)		3.6	ug/m3	0.237	0.754	1	TO-15		9/30/2019 CJR	1
Vinyl Chloride		< 0.148	ug/m3	0.148	0.472	1	TO-15		9/30/2019 CJR	1
Lab Code Sample ID Sample Matrix Sample Date	5036868D IA-4 Air 9/27/2019									
		Result	Unit	LOD	LOQ I	Dil	Method	Ext Date	Run Date Analyst	Code
Organic Air Samples										
cis-1,2-Dichloroet	nene	19.5	ug/m3	0.197	0.626	1	TO-15		9/30/2019 CJR	1
trans-1,2-Dichloro		< 0.231	ug/m3	0.231	0.734	1	TO-15		9/30/2019 CJR	1
Tetrachloroethene		18.8	ug/m3	0.278	0.884	1	TO-15		9/30/2019 CJR	1
Trichloroethene (T	CE)	3.7	ug/m3	0.237	0.754	1	TO-15		9/30/2019 CJR	1
Vinyl Chloride	and	< 0.148	ug/m3	0.148	0.472	1	TO-15		9/30/2019 CJR	1
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"J" Flag: Analyte detected between LOD and LOQ

LOD Limit of Detection

LOQ Limit of Quantitation

Code Comment

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Laboratory QC within limits.

All solid sample results reported on a dry weight basis unless otherwise indicated. All LOD's and LOQ's are adjusted for dilutions but not dry weight. Subcontracted results are denoted by SUB in the analyst field.

Authorized Signature

Michaelphil

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DB Oak Limited Partnership c/o Randy Knox W9147 Red Feather Drive Cambridge, WI 53523

> SUBJECT: Indoor Air Sampling Results PROPERTY: DB Oak (formerly Thomas Industries) ("DB Oak") 700-710 Oak Street, Fort Atkinson, Wisconsin (the "Property") DNR BRRTS # 02-28-176509

Dear Mr. Knox:

Included are the findings of a recent investigation on the Property by Friess Environmental Consulting, Inc. ("FEC").

As you are aware, this investigation was conducted because of the potential for contaminant vapors from the Property, identified above, to migrate through soils, accumulate beneath the foundation of the Property, and possibly enter your indoor air. The contaminants of concern at the Property are tetrachloroethylene, trichloroethylene and vinyl chloride, commonly referred to as PCE, TCE and VC.

#### **Test Results**

On September 27, 2019, FEC, an environmental consultant hired by Gardner Denver, Inc., placed sampling canisters in portions of the building at the Property and collected indoor air samples. The samples were then submitted to the laboratory for analysis of five (5) different volatile organic compounds, including PCE, TCE and VC.

The analysis detected PCE in indoor air at concentrations ranging from 3.4  $ug/m^3$  to 25.9  $ug/m^3$ . The DNR industrial vapor action level ("VAL") for PCE is 180  $ug/m^3$ .

The analysis detected TCE in indoor air at concentrations ranging from <0.237 ug/m³ to 3.7 ug/m³. The DNR industrial VAL for TCE is 8.8 ug/m³.

The analysis did not detect VC in any of the indoor air samples. The VAL for VC is 28 ug/m³.

Attached is a copy of the laboratory reports for the indoor air samples taken from the building at the Property, as well as a map showing the sampling locations, and a data table.

#### Next Steps

We recommend the following actions at this time:

The Wisconsin DNR recommends that we install a sub-slab mitigation system to remove PCE, TCE and VC vapors from beneath the Property. This system is identical to that used for homes with high radon levels. The system diverts radon (or chemical vapors) from beneath the home and discharges them into the outdoor air, above the building's roofline, rendering them harmless. Once PCE, TCE and VC vapors are successfully removed from beneath the foundation floor, there will be no potential or actual health threat for you or your employees from that kind of exposure.

The Property owner will be contacted by FEC to schedule installation of the sub-slab mitigation system, and we have forwarded a letter to the owner with a First Request for Access to Install Mitigation System, as well as WDNR RR 5457 Template Access Agreement for VI Mitigation Installation. The cost of system installation will be paid by Gardner Denver, Inc.

Please feel free to contact me at the number below if you have any questions about these results.

Sincerely, *FRIESS ENVIRONMENTAL CONSULTING, INC.* 

Trenton J. Ott Project Manager

Encs.

Richard W. Frieseke

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Richard W. Frieseke, P.E. President

cc: Curtis Hedman Wisconsin Dept. of Health Services 1 W. Wilson St. PO Box 2659 Madison, WI 53703

> Alyssa Sellwood Wisconsin Dept. of Natural Resources RR/5 101 S. Webster St. PO Box 7921 Madison, WI 53707

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Property Owner: DB Oak Limited Partnership



Mr. Jesse Riedl Riedl & Sons 704 Oak Street Fort Atkinson, WI 53538

> SUBJECT: Indoor Air Sampling Results PROPERTY: DB Oak (formerly Thomas Industries) ("DB Oak") 700-710 Oak Street, Fort Atkinson, Wisconsin (the "Property") DNR BRRTS # 02-28-176509

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Trenton J. Ott Project Manager

Encs.

Richard W. Frieseke

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Richard W. Frieseke, P.E. President

cc: Curtis Hedman Wisconsin Dept. of Health Services 1 W. Wilson St. PO Box 2659 Madison, WI 53703

> Alyssa Sellwood Wisconsin Dept. of Natural Resources RR/5 101 S. Webster St. PO Box 7921 Madison, WI 53707

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Property Owner: DB Oak Limited Partnership



Mr. Mike Vandermause PBC Atlas Mike, LLC P.O. Box 608 Fort Atkinson, WI 53538

> SUBJECT: Indoor Air Sampling Results PROPERTY: DB Oak (formerly Thomas Industries) ("DB Oak") 700-710 Oak Street, Fort Atkinson, Wisconsin (the "Property") DNR BRRTS # 02-28-176509

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/math

Trenton J. Ott Project Manager

Encs.

Richard W. Frieseke

Richard W. Frieseke, P.E. President

cc: Curtis Hedman Wisconsin Dept. of Health Services 1 W. Wilson St. PO Box 2659 Madison, WI 53703

> Alyssa Sellwood Wisconsin Dept. of Natural Resources RR/5 101 S. Webster St. PO Box 7921 Madison, WI 53707

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Property Owner: DB Oak Limited Partnership



Mr. Mario Rodriguez III Mr. Plumber 408 North 4th Street Fort Atkinson, WI 53538

> SUBJECT: Indoor Air Sampling Results PROPERTY: DB Oak (formerly Thomas Industries) ("DB Oak") 700-710 Oak Street, Fort Atkinson, Wisconsin (the "Property") DNR BRRTS # 02-28-176509

Dear Mr. Rodriguez:

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The DNR action level for PCE, TCE and VC is set to provide a threshold concentration for PCE, TCE and VC that is protective of human health over long-term exposure. It is the experience of DNR and the Wisconsin Department of Health Services (DHS) in investigating similar cases at other locations in the state that the potential health risk for you is low. The indoor air levels measured at the Property present a long-term risk, not an immediate one, to occupants of the building.

6635 North Sidney PI, Milwaukee, WI 53209 | WWW.FECINC.US | Phone 414.228.9815 | Fax 414.228.9816

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Trenton J. Ott Project Manager

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Richard W. Frieseke

Richard W. Frieseke, P.E. President

cc: Curtis Hedman Wisconsin Dept. of Health Services 1 W. Wilson St. PO Box 2659 Madison, WI 53703

> Alyssa Sellwood Wisconsin Dept. of Natural Resources RR/5 101 S. Webster St. PO Box 7921 Madison, WI 53707

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Property Owner: DB Oak Limited Partnership



Ms. Mabel Schumacher Kennel Club of Fort Atkinson P. O. Box 205 Fort Atkinson, WI 53538

> SUBJECT: Indoor Air Sampling Results PROPERTY: DB Oak (formerly Thomas Industries) ("DB Oak") 700-710 Oak Street, Fort Atkinson, Wisconsin (the "Property") DNR BRRTS # 02-28-176509

Dear Ms. Schumacher:

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Mr. Andy Joaz Joaz Painting 704 Oak Street Fort Atkinson, WI 53538

> SUBJECT: Indoor Air Sampling Results PROPERTY: DB Oak (formerly Thomas Industries) ("DB Oak") 700-710 Oak Street, Fort Atkinson, Wisconsin (the "Property") DNR BRRTS # 02-28-176509

Dear Mr. Joaz:

Included are the findings of a recent investigation on the Property by Friess Environmental Consulting, Inc. ("FEC").

As you are aware, this investigation was conducted because of the potential for contaminant vapors from the Property, identified above, to migrate through soils, accumulate beneath the foundation of the Property, and possibly enter your indoor air. The contaminants of concern at the Property are tetrachloroethylene, trichloroethylene and vinyl chloride, commonly referred to as PCE, TCE and VC.

# **Test Results**

On September 27, 2019, FEC, an environmental consultant hired by Gardner Denver, Inc., placed sampling canisters in portions of the building at the Property and collected indoor air samples. The samples were then submitted to the laboratory for analysis of five (5) different volatile organic compounds, including PCE, TCE and VC.

The analysis detected PCE in indoor air at concentrations ranging from 3.4  $ug/m^3$  to 25.9  $ug/m^3$ . The DNR industrial vapor action level ("VAL") for PCE is 180  $ug/m^3$ .

The analysis detected TCE in indoor air at concentrations ranging from <0.237 ug/m³ to 3.7 ug/m³. The DNR industrial VAL for TCE is 8.8 ug/m³.

The analysis did not detect VC in any of the indoor air samples. The VAL for VC is 28 ug/m³.

Attached is a copy of the laboratory reports for the indoor air samples taken from the building at the Property, as well as a map showing the sampling locations, and a data table.

#### **Next Steps**

We recommend the following actions at this time:

The Wisconsin DNR recommends that we install a sub-slab mitigation system to remove PCE, TCE and VC vapors from beneath the Property. This system is identical to that used for homes with high radon levels. The system diverts radon (or chemical vapors) from beneath the home and discharges them into the outdoor air, above the building's roofline, rendering them harmless. Once PCE, TCE and VC vapors are successfully removed from beneath the foundation floor, there will be no potential or actual health threat for you or your employees from that kind of exposure.

The Property owner will be contacted by FEC to schedule installation of the sub-slab mitigation system, and we have forwarded a letter to the owner with a First Request for Access to Install Mitigation System, as well as WDNR RR 5457 Template Access Agreement for VI Mitigation Installation. The cost of system installation will be paid by Gardner Denver, Inc.

Please feel free to contact me at the number below if you have any questions about these results.

Sincerely, *FRIESS ENVIRONMENTAL CONSULTING, INC.* 

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Trenton J. Ott Project Manager

Encs.

Richard W. Frieseke

Richard W. Frieseke, P.E. President

cc: Curtis Hedman Wisconsin Dept. of Health Services 1 W. Wilson St. PO Box 2659 Madison, WI 53703

> Alyssa Sellwood Wisconsin Dept. of Natural Resources RR/5 101 S. Webster St. PO Box 7921 Madison, WI 53707

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Property Owner: DB Oak Limited Partnership

42356550

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Mr. Bill Myers 704 Oak Street Fort Atkinson, WI 53538

> SUBJECT: Indoor Air Sampling Results PROPERTY: DB Oak (formerly Thomas Industries) ("DB Oak") 700-710 Oak Street, Fort Atkinson, Wisconsin (the "Property") DNR BRRTS # 02-28-176509

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Trenton J. Ott Project Manager

Encs.

Richard W. Frieseke

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Richard W. Frieseke, P.E. President

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> Alyssa Sellwood Wisconsin Dept. of Natural Resources RR/5 101 S. Webster St. PO Box 7921 Madison, WI 53707

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Property Owner: DB Oak Limited Partnership

42356550



Mr. Tom Doeberlein Best Tile Werks W6490 Kiesling Road Jefferson, WI 53549

> SUBJECT: Indoor Air Sampling Results PROPERTY: DB Oak (formerly Thomas Industries) ("DB Oak") 700-710 Oak Street, Fort Atkinson, Wisconsin (the "Property") DNR BRRTS # 02-28-176509

Dear Mr. Doeberlein:

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Trenton J. Ott Project Manager

Encs.

Richard W. Frieseke

Richard W. Frieseke, P.E. President

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Property Owner: DB Oak Limited Partnership

42356550



Mr. Jeff Begovatz Begovatz Construction 704 Oak Street Fort Atkinson, WI 53538

> SUBJECT: Indoor Air Sampling Results PROPERTY: DB Oak (formerly Thomas Industries) ("DB Oak") 700-710 Oak Street, Fort Atkinson, Wisconsin (the "Property") DNR BRRTS # 02-28-176509

Dear Mr. Begovatz:

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Richard W. Frieseke

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