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17975 West Sarah Lane
Suite 100
Brookfield, WI 53045
T: 262.754.2560
F: 262.923.7758
www.gza.com

M E M O R A N D U M

Date: March 8, 2024

To: David Hanson, Remediation Specialist, Remediation and Redevelopment Program, WDNR

From: Heidi A. Woelfel, P.G., Senior Project Manager, GZA GeoEnvironmental, Inc.
John C. Osborne, P.G., Senior Principal, GZA GeoEnvironmental, Inc.
Bernard G. Fenelon, P.G., Senior Consultant, GZA GeoEnvironmental, Inc.

Re: **Update 58 - Vapor Mitigation Activity**
The Lydell Building 3
5805 North Lydell Avenue, Glendale, Wisconsin

GZA File No.: 20.0150985.27

GZA GeoEnvironmental, Inc. (GZA) is providing the Wisconsin Department of Natural Resources (WDNR) this update for February 10 through March 8, 2024, to document and summarize sampling, vapor mitigation, and other activities conducted in response to previous exceedances of vapor risk screening levels (VRSLs) and/or vapor action levels (VALs) at The Lydell Building 3, located at 5805 North Lydell Avenue in Glendale, Wisconsin ("Site").

Please note that the data, findings, and observations communicated in our Updates are offered in the spirit of expediency to maintain the flow of information to the regulatory community, but may not contain all applicable qualifiers, limitations, and/or explanations, which will be included in a final report of these activities. Our efforts are summarized below.

<u>Activities Conducted - Saturday, February 10 Through Friday, March 8, 2024</u>

1. GZA collected pressure extension measurements on 16 of 17 sub-slab monitoring points with five sub-slab blowers operating on February 14, 2024, as provided in **Attachment 1.** Consistent negative pressures continued to be observed at each point installed through the slab.

   Due to the interior restoration activities conducted on the central bank of Units in Building 3, sub-slab points in Units 108 (SS-12), 110 (SS-15), 114 (SS-10 and SS-11), and 120 (SS-16) were abandoned on February 15, 2024. The WDNR was notified of these activities prior to abandonment.

   GZA collected two sets of pressure extension measurements on 11 of 12 remaining sub-slab monitoring points with five sub-slab blowers operating on February 21, 2024, as provided in **Attachment 1.** Note that the south blower was converted from one combined stack to individual stacks on each blower, which is the same configuration as the other four sub-slab blower discharges. The first set of measurements was taken before the conversion and the second set was taken after the conversion. Consistent negative pressures continued to be observed at each point installed through the slab.

   GZA collected additional rounds of pressure extension measurements with the five sub-slab blowers operating on February 23, February 29, and March 5, 2024, as provided in **Attachment 1.** Consistent negative pressures continued to be observed at each point installed through the slab.

2. **Building 3** data collection included the following:

   GZA conducted mandatory biweekly indoor air sampling of the two remaining occupied Units during two sampling events by placing 24-hour passive samplers into Units 102 and 328 on February 5, 2024, and retrieving the samplers on February 6, 2024; and placing samplers in these units on February 21, 2024, and retrieving the samplers on February 22, 2024. The laboratory analytical reports for these sampling events were received on February 12 and 28, 2024, respectively, and were uploaded to both the WDNR online data portal and SharePoint site for access and review. The trichloroethene (TCE) sample results for Unit 102 were 'Not Detected' (February 12) and 0.16 micrograms per cubic meter ($\mu g/m^3$) (February 28), and for Unit 328, the TCE sample results for both events were 'Not Detected'. Please note that the next biweekly indoor air sampling event of these Units will be conducted during the 10-day indoor air sampling event beginning on March 8, 2024. The next round will be deployed two weeks following the retrieval of the passive samplers and will occur during the week of April 1, 2024.

   The mandatory testing results are shown in the results format for the North Shore Health Department (NSHD) in **Attachment 2.**

3. GZA deployed 76 indoor air passive samplers within each of the Units and common areas of Building 3 for a 10-day sampling event. The samplers will be retrieved on March 18, 2024, and shipped to Eurofins Air Toxics for analyses. The laboratory analytical report is anticipated between March 22 and 26, 2024.

4. GZA collected effluent vapor samples from all five of the sub-slab depressurization blowers on Building 3 on February 23, 2024. The laboratory analytical report was received on March 1, 2024, and was uploaded to both the WDNR online data portal and SharePoint site for access and review. The results of the effluent samples were consistent with the previous samples collected from these blowers.

5. Units 110, 112, 114, 210, 212, and 214, on the first and second floors, have been rebuilt and inspected by the the City of Glendale Fire Marshal. Each of the Units were cleaned to remove dust and particles that may have impacted the passive air sampler diffusive bodies. The re-build activities were subtantially completed on February 29, 2024, with minor detailed work completed by March 6, 2024.

6. GZA installed two additional blowers on the exhaust for the sub-slab piping in **Building 4** on February 14, 2024. There are currently two fans on each of the two riser pipes in **Building 4**.

7. GZA provided a Supplemental Site Investigation Work Plan to the ownership team of The Lydell Residences and to Cypress/Bayshore for consideration and is tentatively scheduling Site investigation activities for a Spring 2024 timeframe.

8. **Buildings 1, 2, and 4** Tenant Screening Data - There were no requests for testing at the other buildings. Because there is no longer a portable GC operating at the Site, such requests, if made, will be conducted using 24-hour passive samplers and laboratory analysis.

9. The SharePoint site continues to be updated as necessary and is accessible to review historical mobile GC results, pressure extension measurements, mandatory occupied Unit results, and data for individuals at the WDNR and the NSHD who requested access. Other agency staff seeking access should send their email address to Christy Rosenberger at christy.rosenberger@gza.com.

<u>Activities Planned for Saturday, March 9 Through Friday, April 12, 2024</u>

1. GZA will continue the mandatory testing regimen in Building 3, including sampling all occupied Units biweekly in accordance with the NSHD order, reissued on December 14, 2023, if necessary. The occupied Units in Building 3 are currently Units 102 and 328, but if this changes, the WDNR and NSHD will be notified of the change. Samples will continue to be collected via passive samplers over a 24-hour sampling period and will resume the week of April 1, 2024.

2. GZA continues to monitor Building 3 sub-slab system operations through a remote monitoring system. Currently, should the de-pressurization be interrupted, GZA staff are notified via its cellular-based surveillance system.
3. GZA will schedule a third round of indoor passive air samplers for Buildings 1 and 2. A follow-up indoor air passive sampling event will be scheduled for Building 4 along with manometer readings from Buildings 1, 2, and 4.
4. GZA will review telemetry requirements for Buildings 1, 2, and 4, which is anticipated to be connected to one Unit based on the number and location of discharge locations.
5. GZA will collect another round of effluent samples from the five sub-slab blowers and select sub-slab sample points in Building 3 in March 2024. The samples will be collected following the end of the 10-day passive indoor air sampling event.

Next update report: April 12, 2024.

We hope you find this update of activities informative. Please contact GZA or Cypress with questions or comments.

J:\150900to150999\150985 Bayshore\27 Vapor-IA Lots 3 4\Report\Building 3 Sampling Rpt\Daily Updates - The Lydell, Building 3\
FINAL 20.0150985.27 Update 58_The Lydell Building 3 3-8-24.docx

Attachments: Attachment 1 - Pressure Extension Measurements Through March 8, 2024
Attachment 2 - Updated NSHD Spreadsheet Through March 8, 2024

cc: John Ausburn - Cypress Equities, LLC
Brian Parro - Cypress Equities, LLC
Trevor Nobile - WDNR
Joseph Martinez - WDNR
Timothy Alessi - WDNR
Becky Rowland - North Shore Health Department
Nathan Kloczko - Department of Health Services
John Fellows - City of Glendale
Jessica Ballweg - City of Glendale
Kenneth Smith - City of Glendale
Kenneth Warwick - City of Glendale
Jeff Preston - NADG
Michael Crosby - NADG
Zachary Speigel - NADG
Bill Bauman - NADG

ATTACHMENT 1

Pressure Extension Measurements Through March 8, 2024

UNIT	7/6/2023	7/7/2023	7/11/2023	7/12/2023	7/13/2023	7/14/2023	7/15/2023	7/17/2023	7/18/2023	7/19/2023	7/20/2023	7/21/2023	7/22/2023	7/24/2023	7/25/2023	7/26/2023	7/27/2023	7/28/2023	7/31/2023	8/1/2023
102						1				0.9						<1.0			0.5	
104																				2.4
110		32			34		37	29		24.3										
122						2.5				3						0.8			<1.0	
202						10			11.4			4.9			3.8			2.5		3.7
208						11			8.9			6.4			7.3			3.0		2.3
210			1.0							2.9						0.5			0.7	
212						61	70	18.9								5.3				
214			93	27	2.6		25	44.1												
216						5					4.1									
218			5.2					2.8											0.7	
220						25	30	30	26.8	27.6										
222			1.8							2.8						2			1.5	
302						2.7				4						2.3			2.9	
304			2							0.8						<1.0			<1.0	
306																				
308			2							2.4						0.7				1.0
310						2.2					16		2.7		3.0		0.9			<1.0
312			1.3								1.2						0.9			
314			6						2.7											0.7
318						1.8					2.5						<1.0			
320			2.3								0.9						0.9			
322						1.4					0.9						0.6			
324						3.8						1						1.2		
328												<1.0						<1.0		
402						23	25	24		21.2				21.1						
404						7.3			0.2			3.4			4.3	4.3		2.8		4
406			3.4													4.7				
408						0.9					2.7							2.4		
410			2			2.8					1.3						1.1			
412						7.4			4.7			5.2			2.3	2.3		2.3		1.9
416						24	18	19												
418			4.6							4.5						2.7				
420						3.9					2.8									
422			1.7																	0.7
424						1.8						<1.0						1.0		
430						2.4						2.6						1.4		

UNIT	8/2/2023	8/3/2023	8/4/2023	8/7/2023	8/8/2023	8/9/2023	8/11/2023	8/14/2023	8/15/2023	8/16/2023	8/21/2023	8/22/2023	8/28/2023	8/29/2023	9/5/2023	9/6/2023	9/11/2023	9/12/2023	9/18/2023	9/28/2023
102				0.7				<1.0			0.9		<1.0		<1.0		<1.0		<1.0	0.8
104				2.6				2.9			2.3		1.8		2.3		1.6			
110																				
122				<1.0				<1.0			<1.0									
202			2		4.2		2.3		1.8											
208			2.3		1.8		2.3		2.0			2.1		1.1	<1.0		<1.0		1.2	1.5
210				<1.0				<1.0			1.3		<1.0		0.5					
212																				
214																				
216																				
218				<1.0				<1.0			<1.0		<1.0		1					
220																				
222				1.1				2			1		1.2		1.1					
302																				
304																				
306																				
308				1.1				1.4			1.2		1.8							
310					<1.0		1.8		1.7			1.4		1.2						
312	2.4			<1.0				0.8			1		1		1.4					
314				<1.0				0.9			1.4		1.5							
318	0.5			<1.0				<1.0			<1.0		0.5							
320	<1.0				<1.0				<1.0			1	<1.0		0.6			<1.0	<1.0	
322	0.6																			
324		0.6			0.7				1.3			0.7	1.3		<1.0					
328		0.5			<1.0				<1.0			<1.0		<1.0	0.4			0.4	<1.0	0.8
402																				
404			2.8																	
406	3.7				2				2.3			3.1		1.4						
408		<1.0			<1.0				0.6			<1.0		0.8		0.4				
410	1				<1.0				0.7			<1.0		0.8		<1.0		2.1		
412			<1.0		0.9		<1.0		0.5			<1.0		1.2		<1.0		1	1.4	0.8
416																				
418			1.4			1.4	1.4			1.3		1.2		1.4		1.9		1.2	1.3	1.3
420																				
422						0.7	0.7			1		<1.0		0.9		1.3		1.1		
424		1.0				1.3	1.3			1.4		1.1		0.9		2.3		1.3		
430		1.6				1.2	1.2			0.8		1.5		1.6		1.5		1.6		

UNIT	10/4/2023	10/12/2023	10/20/2023	10/26/2023	11/3/2023	11/10/2023	11/16/2023	11/20/2023	11/21/2023	11/30/2023	12/8/2023	12/14/2023	12/21/2023	1/10/2024	2/2/2024	2/12/2024	2/28/2024	Averages
102	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0		<1.0	<1.0	<1.0	<1.0	ND	0.24	ND	0.16	0.65
104																		2.27
110																		31.26
122																		2.10
202																		4.66
208	1.3	<1.0	<1.0	<1.0	<1.0	0.8	0.4	<1.0		<1.0	<1.0	<1.0	<1.0					3.28
210																		1.15
212																		38.80
214																		38.34
216																		4.55
218																		2.43
220																		27.88
222																		1.61
302																		2.98
304																		1.40
306																		#DIV/0!
308																		1.45
310																		3.43
312																		1.25
314																		2.20
318																		1.33
320																		1.14
322																		0.88
324																		1.33
328	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	0.6		0.5	<1.0	<1.0	<1.0	<1.0	ND	ND	ND	ND	0.53
402																		22.86
404																		3.64
406																		2.94
408																		1.30
410																		1.48
412	0.4																	2.31
416																		20.33
418	1.9																	1.96
420																		3.35
422																		1.01
424																		1.34
430																		1.58

ND = Not Detect = Not Detect = Not Detected

ATTACHMENT 2

Updated NSHD Spreadsheet Through March 8, 2024

DRAFT TABLE 1

PRESSURE FIELD TESTING RESULTS
The Lydell Apartments - Building 3
5805 Lydell Avenue
Glendale, Wisconsin

Sub-slab Port ID	5/22/2023	6/14/2023	6/15/2023	6/15/2023 Fans Turned Off	6/15/2023 4 Fans Operating	6/16/2023 (0900)	6/16/2023 (1430)	6/19/2023	6/20/2023	6/21/2023	6/22/2023 10 & 7.5 hp Blowers Running	6/23/2023 10 & 7.5 hp Blowers Running/ Middle Vent Running	6/24/2023 10 & 7.5 hp Blowers Running/ Middle Vent Running	6/26/2023 10 & 7.5 hp Blowers Running	6/27/2023 10 & 7.5 hp Blowers Running	6/28/2023 10 & 7.5 hp Blowers Running	6/29/2023 10 & 7.5 hp Blowers Running
SS-01	-0.014	-0.009	-0.016	-0.002 to 0.00	-0.019	-0.01	-0.016	-0.015	-0.025	-0.018	-0.045	-0.064	-0.048	-0.049	-0.045	-0.05	-0.049
SS-02	-0.004	-0.003	-0.005	0.001	-0.006	-0.004	-0.008	-0.006	-0.012	-0.004	-0.017	-0.04	-0.029	-0.032	-0.023	-0.015	-0.025
SS-03	-0.002	-0.001 to 0.002	0.003	0.005	-0.014	-0.001	-0.001	-0.002	-0.001	-0.003	-0.009	-0.065	-0.055	-0.041	-0.024	-0.022	-0.025
SS-04	-0.003	-0.001 to 0.001	0.002	0.005	-0.02	-0.001	-0.001	-0.002	-0.002	-0.002	-0.009	-0.05	-0.044	-0.043	-0.019	-0.02	-0.022
SS-05	-0.009	-0.005	-0.005	0.005	-0.026	-0.01	-0.008	-0.011	-0.011	-0.011	-0.03	-0.051	-0.051	-0.044	-0.031	-0.03	-0.03
SS-06	-0.013	-0.011	-0.009	0.008	-0.012	-0.014	-0.013	-0.016	-0.017	-0.015	-0.039	-0.054	-0.059	-0.051	-0.041	-0.04	-0.016
SS-07	-0.008	-0.007	-0.012	0.009	-0.034	-0.01	-0.01	-0.01	-0.012	-0.012	-0.033	-0.045	-0.042	-0.035	-0.034	-0.03	-0.031
SS-08	-0.086	-0.086	-0.088	0.004	-0.103	-0.098	-0.097	-0.099	-0.100	-0.099	-0.280	-0.219	-0.285	-0.276	-0.262	-0.244	-0.247
SS-09	-0.033	-0.027	-0.033	0.014	-0.053	-0.38	-0.034	-0.038	-0.041	-0.041	-0.096	-0.104	-0.108	-0.099	-0.092	-0.086	-0.084
SS-10	Installed in Unit 114 on 6/22/2023											-0.041	-0.042	-0.041	-0.02	-0.018	-0.021
SS-11	Installed 6/28/23															-0.024	N/A
SS-12	Installed 6/28/23															-0.028	-0.028
SS-13	Installed 6/28/23															-0.02	-0.021
SS-14	Installed 6/28/23															-0.02	-0.021
SS-15	Installed 7/20/23																
SS-16	Installed 7/20/23																
SS-17	Installed December 2023																

Notes:

* Readings were collected utilizing a micromanometer and results are in inches of water
*Between May 19, 2023 and June 15, 2023 morning, the system operated with 2 RP Pro 265 fans, one on each exhaust pipe
*Four fans (RP Pro 265) have been operating (one fan pair per exhaust pipe) since afternoon of June 15, 2023
*Readings on June 16, 2023 were conducted in the morning and afternoon
*NM = Not Measured

DRAFT TABLE 1

PRESSURE FIELD TESTING RESULTS
The Lydell Apartments - Building 3
5805 Lydell Avenue
Glendale, Wisconsin

Sub-slab Port ID	6/29/2023 Five Fans Operating	6/30/2023 Five Fans Operating	7/01/2023 Five Fans Operating	7/03/2023 Five Fans Operating	7/05/2023 Five Fans Operating	7/05/2023 With Replacement of North End Blowers	7/06/2023	7/07/2023	7/08/2023	7/10/2023	7/11/2023	7/12/2023	7/18/2023	7/19/2023
SS-01	-0.072	-0.071	-0.069	-0.066	-0.071	-0.063	-0.077	-0.067	-0.072	-0.075	-0.009	-0.07	-0.073	-0.034
SS-02	-0.069	-0.06	-0.068	-0.063	-0.07	-0.069	-0.07	-0.063	-0.066	-0.068	-0.033	-0.062	-0.068	-0.045
SS-03	-0.151	-0.147	-0.147	-0.147	-0.151	-0.146	-0.147	-0.141	-0.142	-0.143	-0.135	-0.144	-0.138	-0.093
SS-04	-0.099	-0.099	N/A	-0.099	-0.104	-0.093	-0.095	-0.088	-0.087	-0.091	-0.087	-0.093	-0.086	-0.062
SS-05	-0.067	-0.068	-0.071	-0.07	-0.075	-0.054	-0.055	-0.052	-0.053	-0.052	-0.052	-0.063	-0.052	-0.041
SS-06	-0.066	-0.072	-0.074	-0.07	-0.076	-0.051	-0.055	-0.051	-0.052	-0.055	-0.05	-0.051	-0.048	-0.043
SS-07	-0.039	-0.041	-0.043	-0.047	-0.055	-0.027	-0.025	-0.025	-0.024	-0.022	-0.025	-0.029	-0.028	-0.023
SS-08	-0.264	-0.268	-0.27	-0.269	-0.269	-0.129	-0.137	-0.134	-0.135	-0.136	-0.137	-0.136	-0.138	-0.136
SS-09	-0.104	-0.135	N/A	-0.106	-0.114	-0.063	-0.063	-0.062	-0.062	-0.063	-0.064	-0.062	-0.061	-0.06
SS-10	-0.108	-0.109	-0.118	-0.125	-0.112	-0.118	-0.09	-0.116	-0.091	-0.107	-0.101	-0.111	-0.108	-0.06
SS-11	N/A	-0.078	N/A	-0.087	-0.081	-0.088	-0.06	-0.084	-0.066	-0.086	-0.072	-0.089	-0.089	-0.045
SS-12	-0.083	-0.074	-0.076	-0.08	-0.072	-0.082	-0.085	-0.072	-0.073	-0.067	-0.044	-0.08	-0.068	-0.049
SS-13	-0.083	-0.086	-0.084	-0.084	-0.086	-0.086	-0.088	-0.079	-0.082	-0.085	-0.058	-0.079	-0.08	-0.052
SS-14	-0.149	-0.146	-0.147	-0.145	-0.15	-0.152	-0.146	-0.139	-0.143	-0.142	-0.131	-0.144	-0.138	-0.091
SS-15	Installed on 7/20/23													
SS-16	Installed on 7/20/23													
SS-17	Installed December 2023													

DRAFT TABLE 1
PRESSURE FIELD TESTING RESULTS
The Lydell Apartments - Building 3
5805 Lydell Avenue
Glendale, Wisconsin

Sub-slab Port ID	7/20/2023	7/21/2023	7/24/2023	7/25/2023	7/26/2023	7/27/2023	7/28/2023	7/31/2023 S Blower Not Operating	7/31/2023 All Blowers Operating	8/1/2023	8/2/2023	8/3/2023	8/4/2023	8/5/2023	8/7/2023	8/8/2023	8/9/2023	8/10/2023
SS-01	-0.056	-0.065	-0.063	-0.063	-0.06	-0.058	-0.058	-0.006	-0.062	-0.059	-0.055	-0.066	-0.064	-0.065	-0.063	-0.06	-0.059	-0.062
SS-02	-0.026	-0.053	-0.055	-0.055	-0.054	-0.056	-0.051	-0.017	-0.048	-0.048	-0.045	-0.053	-0.052	-0.053	-0.052	-0.049	-0.048	-0.05
SS-03	-0.087	-0.104	-0.106	-0.102	-0.103	-0.108	-0.09	-0.079	-0.089	-0.088	-0.08	-0.088	-0.093	-0.094	-0.094	-0.09	-0.088	-0.093
SS-04	-0.058	-0.067	-0.059	-0.067	-0.065	-0.07	-0.06	-0.052	-0.057	-0.058	-0.055	-0.06	-0.059	-0.061	-0.061	-0.059	-0.057	-0.06
SS-05	-0.043	-0.042	-0.044	-0.045	-0.045	-0.045	-0.039	-0.037	-0.04	-0.039	-0.038	-0.041	-0.04	-0.042	-0.04	-0.04	-0.041	-0.043
SS-06	-0.042	-0.041	-0.046	-0.047	-0.043	-0.043	-0.039	-0.041	-0.039	-0.038	-0.041	-0.042	-0.042	-0.043	-0.042	-0.043	-0.038	-0.048
SS-07	-0.026	-0.024	-0.022	-0.023	-0.021	-0.027	-0.024	-0.023	-0.025	-0.023	-0.024	-0.031	-0.025	-0.027	-0.024	-0.023	-0.024	-0.025
SS-08	-0.136	-0.136	-0.13	-0.129	-0.13	-0.128	-0.0126	-0.125	-0.125	-0.13	-0.127	-0.126	-0.128	-0.13	-0.128	-0.13	-0.128	-0.131
SS-09	-0.061	-0.062	-0.059	-0.058	-0.057	-0.059	-0.056	-0.055	-0.055	-0.057	-0.057	-0.057	-0.056	-0.059	-0.056	-0.058	-0.06	-0.064
SS-10	-0.049	-0.085	-0.082	-0.082	-0.091	-0.085	-0.062	-0.055	-0.065	-0.068	-0.059	-0.064	-0.071	-0.068	-0.068	-0.07	-0.064	-0.068
SS-11	-0.038	-0.064	-0.063	-0.059	-0.07	-0.08	-0.051	-0.043	-0.049	-0.051	-0.045	-0.049	-0.058	-0.054	-0.054	-0.05	-0.054	-0.054
SS-12	-0.044	-0.056	-0.054	-0.053	-0.056	-0.062	-0.045	-0.022	-0.051	-0.046	-0.042	-0.043	-0.06	-0.05	-0.047	-0.046	-0.044	-0.049
SS-13	-0.053	-0.063	-0.065	-0.067	-0.065	-0.065	-0.057	-0.034	-0.055	-0.048	-0.05	-0.056	-0.057	-0.06	-0.058	-0.057	-0.053	0.059
SS-14	-0.091	-0.103	-0.104	-0.1	-0.103	-0.108	-0.09	-0.076	-0.096	-0.088	-0.084	-0.09	-0.09	-0.093	-0.093	-0.09	-0.087	-0.093
SS-15	-0.05	-0.057	-0.057	-0.052	-0.057	-0.063	-0.051	-0.031	-0.044	-0.04	-0.049	-0.037	-0.04	-0.046	-0.044	-0.042	-0.039	-0.055
SS-16	-0.024	-0.032	-0.033	-0.035	-0.031	-0.045	-0.04	-0.034	-0.039	-0.038	-0.035	-0.037	-0.042	-0.042	-0.041	-0.038	-0.036	-0.04
SS-17	Installed December 2023																	

DRAFT TABLE 1
PRESSURE FIELD TESTING RESULTS
The Lydell Apartments - Building 3
5805 Lydell Avenue
Glendale, Wisconsin

Sub-slab Port ID	8/11/2023	8/14/2023 S Blower Not Operating	8/14/2023 All Blowers Operating	8/15/2023	8/16/2023	8/17/2023	8/18/2023	8/21/2023	8/22/2023	8/23/2023	8/24/2023	8/25/2023	8/28/2023	8/30/2023	8/31/2023	9/1/2023	9/1/2023 blower replaced w/ 2 RP 265s	9/6/2023
SS-01	-0.059	-0.006	-0.067	-0.06	-0.061	-0.067	-0.067	-0.062	-0.057	-0.062	-0.068	-0.113	-0.092	-0.095	-0.089	-0.091	-0.052	-0.041
SS-02	-0.043	-0.019	-0.052	-0.047	-0.05	-0.059	-0.052	-0.046	-0.047	-0.052	-0.049	-0.111	-0.091	-0.09	-0.087	-0.092	-0.075	-0.038
SS-03	-0.089	-0.081	-0.089	-0.087	-0.087	-0.094	-0.088	-0.085	-0.088	-0.082	-0.142	-0.158	-0.14	-0.136	-0.159	-0.141	-0.131	-0.116
SS-04	-0.058	-0.051	-0.058	-0.057	-0.07	-0.063	-0.058	-0.056	-0.068	-0.051	-0.103	-0.117	-0.104	-0.101	-0.103	-0.099	-0.102	-0.082
SS-05	-0.039	-0.034	-0.039	-0.039	-0.035	-0.042	-0.036	-0.039	-0.04	-0.084	-0.053	-0.088	-0.077	-0.074	-0.039	-0.079	-0.074	-0.059
SS-06	-0.037	-0.037	-0.037	-0.039	-0.043	-0.039	-0.044	-0.036	-0.04	-0.042	-0.06	-0.086	-0.077	-0.073	-0.053	-0.075	-0.073	-0.062
SS-07	-0.031	-0.022	-0.021	-0.024	-0.024	-0.024	-0.021	-0.025	-0.027	-0.013	-0.049	-0.065	-0.051	-0.049	-0.051	-0.051	-0.066	-0.048
SS-08	-0.129	-0.125	-0.126	-0.124	-0.15	-0.127	-0.126	-0.126	-0.128	-0.128	-0.16	-0.165	-0.157	-0.153	-0.134	-0.158	-0.155	-0.151
SS-09	-0.058	-0.053	-0.055	-0.057	-0.055	-0.065	-0.054	-0.053	-0.065	-0.053	-0.099	-0.095	-0.083	-0.079	-0.084	-0.085	-0.09	-0.069
SS-10	-0.059	-0.053	-0.06	-0.065	-0.064	-0.067	-0.061	-0.064	-0.067	-0.053	-0.128	-0.137	-0.127	-0.125	-0.137	-0.119	-0.106	-0.088
SS-11	-0.046	-0.039	-0.05	-0.056	-0.052	-0.054	-0.048	-0.058	-0.052	-0.043	-0.108	-0.117	-0.104	-0.108	-0.112	-0.098	-0.090	-0.054
SS-12	-0.042	-0.024	-0.049	-0.053	-0.046	-0.054	-0.045	-0.045	-0.048	-0.033	-0.046	-0.11	-0.099	-0.111	-0.107	-0.088	-0.071	-0.055
SS-13	-0.036	-0.035	-0.056	-0.053	-0.051	-0.046	-0.057	-0.053	-0.049	-0.049	-0.057	-0.123	-0.104	-0.101	-0.11	-0.104	-0.085	-0.067
SS-14	-0.088	-0.078	-0.089	-0.085	-0.085	-0.088	-0.085	-0.088	-0.086	-0.083	-0.103	-0.16	-0.144	-0.136	-0.141	-0.146	-0.129	-0.111
SS-15	-0.038	-0.028	-0.043	-0.055	-0.047	-0.054	-0.038	-0.054	-0.051	-0.043	-0.1	-0.128	-0.116	-0.128	-0.112	-0.099	-0.091	-0.065
SS-16	-0.037	-0.036	-0.04	-0.037	-0.033	-0.038	-0.038	-0.039	-0.039	-0.031	-0.04	-0.086	-0.076	-0.072	-0.074	-0.074	-0.068	-0.056
SS-17	Installed December 2023																	

DRAFT TABLE 1
PRESSURE FIELD TESTING RESULTS
The Lydell Apartments - Building 3
5805 Lydell Avenue
Glendale, Wisconsin

Sub-slab Port ID	9/7/2023	9/11/2023	9/12/2023	9/14/2023	9/18/2023	9/21/2023	9/26/2023	9/28/2023	10/5/2023	10/10/2023	10/13/2023	10/20/2023	10/26/2023	11/2/2023	11/9/2023	11/21/2023	11/27/2023	11/28/2023
SS-01	-0.047	-0.053	-0.053	-0.052	-0.057	-0.057	-0.053	-0.057	-0.054	-0.043	-0.051	-0.045	-0.057	-0.043	-0.048	-0.042	-0.036	-0.030
SS-02	-0.052	-0.069	-0.069	-0.071	-0.072	-0.075	-0.073	-0.074	-0.073	-0.056	-0.065	-0.060	-0.073	-0.057	-0.060	-0.057	-0.040	-0.042
SS-03	-0.122	-0.145	-0.143	-0.145	-0.144	-0.145	-0.147	-0.149	-0.146	-0.122	-0.130	-0.126	-0.150	-0.129	-0.130	-0.131	-0.115	-0.106
SS-04	-0.095	-0.112	-0.108	-0.11	-0.110	-0.113	-0.114	-0.116	-0.112	-0.090	-0.093	--	-0.110	-0.091	-0.093	-0.093	-0.079	-0.070
SS-05	-0.077	-0.086	-0.083	-0.085	-0.083	-0.087	-0.085	-0.089	-0.085	-0.066	-0.063	--	-0.079	-0.055	-0.063	-0.061	-0.050	-0.040
SS-06	-0.079	-0.086	-0.083	-0.083	-0.082	-0.089	-0.086	-0.089	-0.083	-0.065	-0.062	-0.066	-0.078	-0.054	-0.049	-0.057	-0.046	-0.038
SS-07	-0.06	-0.057	-0.055	-0.058	-0.059	-0.061	-0.058	-0.061	-0.06	-0.038	-0.038	-0.035	-0.040	-0.017	-0.021	-0.029	-0.009	-0.009
SS-08	-0.161	-0.167	-0.165	-0.167	-0.166	-0.171	-0.166	-0.169	-0.168	-0.145	-0.066	-0.150	-0.160	-0.137	-0.139	-0.140	-0.125	-0.121
SS-09	-0.085	-0.091	-0.090	-0.093	-0.080	-0.094	-0.092	-0.091	-0.090	-0.074	-0.065	-0.075	-0.083	-0.061	-0.069	-0.068	-0.049	-0.051
SS-10	-0.105	-0.125	-0.127	-0.143	-0.142	-0.139	-0.129	-0.131	-0.139	-0.109	-0.119	-0.110	-0.129	-0.114	-0.116	-0.116	-0.102	-0.090
SS-11	-0.079	-0.109	-0.107	-0.123	-0.121	-0.122	-0.112	-0.113	-0.122	-0.095	-0.099	-0.095	-0.110	-0.097	-0.101	-0.097	-0.086	-0.075
SS-12	-0.071	-0.089	-0.088	-0.09	-0.094	-0.095	-0.091	-0.095	-0.089	-0.075	-0.087	-0.078	-0.090	-0.078	-0.078	-0.080	-0.067	-0.064
SS-13	-0.076	-0.092	-0.091	-0.094	-0.093	-0.096	-0.096	-0.097	-0.094	-0.075	-0.081	-0.082	-0.095	-0.078	-0.080	-0.080	-0.065	-0.061
SS-14	-0.121	-0.142	-0.142	-0.144	-0.143	-0.144	-0.145	-0.148	-0.141	-0.120	-0.130	-0.126	-0.146	-0.126	-0.131	-0.128	-0.114	-0.106
SS-15	-0.078	-0.108	-0.105	-0.123	-0.129	-0.130	-0.108	-0.133	-0.115	-0.112	-0.094	-0.090	-0.104	-0.091	-0.098	-0.099	-0.086	-0.082
SS-16	-0.082	-0.082	-0.078	-0.079	-0.087	-0.088	-0.088	-0.090	-0.090	-0.069	-0.073	-0.072	-0.084	-0.065	-0.071	-0.068	-0.058	-0.049
SS-17	Installed December 2023																	

DRAFT TABLE 1

PRESSURE FIELD TESTING RESULTS

The Lydell Apartments - Building 3

5805 Lydell Avenue

Glendale, Wisconsin

Sub-slab Port ID	11/29/2023	11/30/2023	12/1/2023	12/4/2023	12/5/2023	12/7/2023	12/8/2023	12/11/2023	12/13/2023	12/14/2023	12/15/2023	12/21/2023	12/26/2023	12/27/2023	12/28/2023	12/29/2023	1/2/2024	1/3/2024
SS-01	-0.036	-0.041	-0.043	-0.035	-0.037	-0.074	-0.076	-0.068	-0.070	-0.070	-0.071	-0.068	-0.075	-0.070	-0.072	-0.070	-0.066	-0.067
SS-02	-0.044	-0.049	-0.053	-0.048	-0.050	-0.071	-0.070	-0.065	-0.065	-0.070	-0.065	-0.066	-0.072	-0.680	-0.070	-0.068	-0.063	-0.064
SS-03	-0.107	-0.105	-0.113	-0.116	-0.114	-0.125	-0.127	-0.119	-0.118	-0.125	-0.115	-0.121	-0.127	-0.123	-0.124	-0.123	-0.117	-0.119
SS-04	-0.067	--	-0.079	--	--	--	--	-0.082	-0.082	-0.086	-0.079	-0.085	-0.090	-0.087	-0.086	-0.086	-0.080	-0.082
SS-05	--	--	-0.049	--	--	--	--	-0.050	-0.049	-0.053	-0.055	-0.058	-0.057	-0.053	-0.060	-0.060	-0.053	-0.057
SS-06	-0.040	-0.045	-0.042	-0.048	-0.045	-0.052	-0.052	-0.045	-0.047	-0.051	-0.048	-0.047	-0.051	-0.046	-0.061	-0.048	-0.041	-0.061
SS-07	-0.012	-0.008	-0.015	-0.021	-0.017	-0.023	-0.024	-0.013	-0.014	-0.019	-0.015	-0.021	-0.023	-0.021	-0.020	-0.021	-0.013	-0.013
SS-08	-0.128	-0.130	-0.134	-0.133	-0.130	-0.137	-0.139	-0.130	-0.131	-0.135	-0.133	-0.137	-0.141	-0.137	-0.137	-0.137	-0.131	-0.129
SS-09	-0.054	-0.055	-0.054	-0.061	-0.059	-0.063	-0.065	-0.056	-0.061	-0.066	-0.056	-0.060	-0.065	-0.061	-0.061	-0.061	-0.056	-0.054
SS-10	-0.100	-0.097	-0.105	-0.102	-0.097	-0.113	-0.111	-0.107	-0.104	-0.106	-0.102	-0.105	-0.114	-0.108	-0.111	NM	NM	NM
SS-11	-0.084	-0.080	-0.089	-0.086	-0.081	-0.097	-0.097	-0.092	-0.090	-0.093	-0.088	-0.090	-0.094	-0.093	-0.096	NM	NM	NM
SS-12	-0.063	-0.063	-0.070	-0.069	-0.070	-0.087	-0.085	-0.082	-0.082	-0.084	-0.086	-0.084	-0.089	-0.085	-0.085	NM	NM	NM
SS-13	-0.064	-0.064	-0.069	-0.068	-0.070	-0.085	-0.088	-0.080	-0.078	-0.085	-0.095	-0.081	-0.086	-0.083	-0.086	-0.084	-0.078	-0.080
SS-14	-0.107	-0.109	-0.116	-0.116	-0.115	-0.127	-0.126	-0.122	-0.122	-0.127	-0.115	-0.124	-0.131	-0.125	-0.127	-0.126	-0.117	-0.123
SS-15	-0.081	-0.082	-0.089	-0.090	-0.088	-0.102	-0.102	-0.096	-0.093	-0.098	-0.093	-0.098	-0.100	-0.099	-0.102	NM	NM	NM
SS-16	-0.055	-0.052	-0.058	-0.059	-0.057	-0.063	-0.065	-0.058	-0.059	-0.060	-0.055	-0.061	-0.063	-0.058	-0.060	-0.061	-0.053	-0.057
SS-17	Installed December 2023												-0.076	-0.071	-0.073	-0.075	-0.067	-0.069

DRAFT TABLE 1
PRESSURE FIELD TESTING RESULTS
The Lydell Apartments - Building 3
5805 Lydell Avenue
Glendale, Wisconsin

Sub-slab Port ID	1/4/2024	1/5/2024	1/24/2024	2/5/2024	2/14/2024	2/21/2024 (S Blower, 1 Combined Stack)*	2/21/2024 (S Blower, 2 Individ. Stacks)	2/23/2024	2/29/2024	3/5/2024
SS-01	-0.067	-0.061	-0.068	-0.076	-0.074	-0.084	-0.088	-0.088	-0.084	-0.088
SS-02	-0.064	-0.058	-0.074	-0.083	-0.084	-0.093	-0.084	-0.101	-0.092	-0.084
SS-03	-0.119	-0.115	-0.158	-0.170	-0.170	-0.182	-0.179	-0.178	-0.175	-0.018
SS-04	-0.082	-0.078	-0.105	-0.116	NM	NM	-0.138	NM	NM	-0.128
SS-05	-0.056	-0.044	-0.062	-0.064	-0.064	-0.072	-0.074	-0.070	-0.062	-0.074
SS-06	-0.042	-0.040	-0.051	-0.055	-0.055	-0.063	-0.064	-0.060	-0.054	-0.064
SS-07	-0.014	-0.013	-0.013	-0.017	-0.012	-0.022	-0.033	-0.025	-0.016	-0.033
SS-08	-0.129	-0.128	-0.121	-0.126	-0.126	-0.135	-0.138	-0.123	-0.012	-0.138
SS-09	-0.053	-0.054	-0.055	-0.061	-0.059	-0.070	-0.071	-0.062	-0.057	-0.071
SS-10	NM	-0.101	-0.138	NA	-0.147	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned
SS-11	NM	-0.085	-0.118	-0.128	-0.129	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned
SS-12	NM	-0.076	-0.098	-0.106	-0.102	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned
SS-13	-0.079	-0.074	-0.099	-0.109	-0.110	-0.118	-0.121	-0.120	-0.113	-0.121
SS-14	-0.122	-0.116	-0.159	-0.174	-0.173	-0.182	-0.175	-0.183	-0.179	-0.175
SS-15	NM	-0.091	-0.123	-0.135	-0.130	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned
SS-16	-0.057	-0.052	-0.067	-0.073	-0.071	Abandoned	Abandoned	Abandoned	Abandoned	Abandoned
SS-17	-0.07	-0.064	-0.081	-0.090	-0.092	-0.099	NM	-0.093	NM	NM

*See Update 58