

MEMORANDUM

DATE : February 19, 2024

TO : Shane LaFave / Roers Companies, LLC

FROM : Pratap Singh, Ph.D., PE / KSingh

SUBJECT : Weekly Report for the Week Ending 02/17/2024
Community Within the Corridor - East Block

COPY TO : Que El-Amin / Scott Crawford, Inc., Robert Reineke, PE, Robert Fedorchak, PE
Project #40441B

The purpose of this memorandum is to report the test results and provide a summary of the work performed for the referenced project for the week ending 02/17/2024. The following tasks were performed in the past week:

1. GC testing was performed throughout the week;
2. Horner completed installation of sump pumps;
3. Vacuum measurements were performed;
4. Sealing of columns using a commercial sealant began late in the week;
5. Capacity of blowers was adjusted as needed to improve vacuum in select locations.

Note that indoor air quality levels have improved and stayed largely consistent over the course of the week, however there are some areas where there is either a lack of sufficient vacuum or slightly elevated TCE readings. This is attributed to fine-tuning of the VMS and adjustments made to the blowers and their capacities.

Attachments

KSingh has included the following attachments for reference:

- Attachment A: Indoor Air Quality for Areas of Excavation

Attachment A
Indoor Air Quality Readings

Daily TCE Detection Log
Community Within the Corridor – East Block
2748 N. 32nd Street, Milwaukee, WI

Date:	2/12/2024
Testing Performed by:	K. Singh & Associates, Inc., Ph: 262-821-1171
Professional on Site:	Samuel Ramirez
Signature:	<i>Samuel Ramirez</i>

No.	Location	Time	TCE Reading (µg/m ³)	>25 ppm	Notes
1	1054	8:54	ND	No	
2	1049	9:02	ND	No	
3	1056	9:16	ND	No	
4	1048	9:25	ND	No	
5	1050	9:34	ND	No	
6	1045	9:42	ND	No	
7	N. Mechanical Room	9:50	0.8	No	
8	St. 4 1 st Floor	9:58	0.6	No	
9	2056	10:08	ND	No	
10	2045	10:18	ND	No	
11	3021 Hallway	10:28	ND	No	
12	NW Garage	10:37	ND	No	
13	SW garage	10:45	ND	No	
14	Gym	10:52	ND	No	
15	1051 Hallway	10:59	0.7	No	
16	1056 Hallway	11:12	ND	No	
17	1050 Hallway	11:21	ND	No	
18	1055	11:31	2.0	No	
19	1053	11:40	1.4	No	
20	1043	11:48	0.8	No	
21	1042	11:56	ND	No	
22	1051	12:04	ND	No	
23	St. 4 2 nd floor	13:10	ND	No	
24	St. 4 3 rd floor	13:23	ND	No	
25	St. 3 1 st floor	13:32	ND	No	
26	St. 3 2 nd floor	13:42	ND	No	
27	St. 3 3 rd floor	13:50	ND	No	
28	St. 2 1 st floor	13:55	ND	No	

29	St. 2 2 nd floor	14:03	ND	No	
30	St 2 3 rd floor	10:10	ND	No	
31	3056	14:19	ND	No	
32	3045	14:27	ND	No	
33	2043	14:33	ND	No	
34	1055	14:40	1.9	No	

** Note that Workplace Safety Limit for TCE by OSHA is 100 ppm and NIOSH is 25 ppm.

** It is strongly recommended to wear a fit-tested respirator in the construction areas, and to wear appropriate Personal Protective Equipment at all times.

**For more information on TCE, please scan the QR Code or visit these links:

<https://www.dhs.wisconsin.gov/chemical/trichloroethylene.htm> and

<https://www.epa.gov/sites/default/files/2016-09/documents/trichloroethylene.pdf>



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Professional on Site:	Samuel Ramirez
Signature:	<i>Samuel Ramirez</i>

No.	Location	Time	TCE Reading (µg/m ³)	>25 ppm	Notes
1	1053	8:52	1.8	No	
2	1054	9:01	0.7	No	
3	1055	9:10	2.0	No	
4	1050	9:18	0.6	No	
5	1045	9:28	0.6	No	
6	1051 Hallway	9:34	1.8	No	
7	1056 Hallway	9:42	0.8	No	
8	1050 Hallway	9:50	0.6	No	
9	1049	10:01	0.7	No	
10	1056	10:09	0.6	No	
11	1048	10:17	0.6	No	
12	N. Mechanical Room	10:26	1.3	No	
13	3056	10:33	ND	No	
14	3045	10:42	ND	No	
15	2056	10:51	1.3	No	
16	2045	10:59	ND	No	
17	1050 Bathroom	11:16	ND	No	
18	1049 Column	11:27	1.2	No	
19	1045 Bathroom	11:35	ND	No	
20	1044 Kitchen Column	11:43	1.5	No	
21	1043 Kitchen Column	11:50	0.8	No	
22	1039	11:59	ND	No	
23	1042	13:10	ND	No	
24	2056 Kitchen Column	13:18	ND	No	
25	2 nd floor SW Hall	13:26	0.8	No	

26	Gym	13:35	0.8	No	
27	1052	13:43	0.7	No	
28	1035	13:58	ND	No	
29	3057	14:06	ND	No	
30	3077	14:15	ND	No	

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Professional on Site:	Samuel Ramirez
Signature:	<i>Samuel Ramirez</i>

No.	Location	Time	TCE Reading (µg/m ³)	>25 ppm	Notes
1	1054	8:34	1.4	No	Closed Door
2	1053	8:43	1.5	No	Closed Door
3	1055	8:51	1.5	No	Closed Door
4	1056	8:58	ND	No	
5	1049	9:10	ND	No	
6	1048	9:20	ND	No	
7	1050	9:28	ND	No	Closed Door
8	1045	9:36	0.6	No	Closed Door
9	N. Mechanical Room	9:46	0.8	No	
10	NW Garage	9:55	ND	No	
11	SW Garage	10:03	ND	No	
12	Stairwell 4	10:10	ND	No	
13	1051 Hallway	10:21	ND	No	
14	1056 Hallway	10:29	ND	No	
15	1050 Hallway	10:38	ND	No	
16	3056	10:47	ND	No	
17	3045	10:55	ND	No	
18	2056	11:04	ND	No	
19	2045	11:12	ND	No	
20	1044	11:21	1.0	No	
21	1043	11:28	0.7	No	
22	1042	11:38	ND	No	
23	1055	11:48	0.9	No	Floor Drain
24	1055	11:55	1.0	No	Shower Drain
25	1055	13:18	1.0	No	W Column
26	1055	13:33	1.0	No	E Column
27	2 nd Floor N. Lobby	13:51	ND	No	

28	2039	14:01	ND	No	
29	3043	14:11	ND	No	
30	3035	14:19	ND	No	

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Professional on Site:	Samuel Ramirez
Signature:	<i>Samuel Ramirez</i>

No.	Location	Time	TCE Reading (µg/m ³)	>25 ppm	Notes
1	1044	8:49	0.8	No	
2	1043	8:57	0.7	No	
3	1042	9:06	ND	No	
4	1044 Hallway	9:13	0.7	No	
5	1053	9:20	1.4	No	
6	1054	9:28	1.4	No	
7	1055	9:37	1.5	No	
8	1049	9:45	0.7	No	
9	1056	9:51	ND	No	
10	1048	9:59	ND	No	
11	1050	10:07	ND	No	
12	1045	10:17	0.6	No	
13	N. Mechanical Room	10:26	1.2	No	
14	1051 Hallway	10:36	ND	No	
15	1056 Hallway	10:44	ND	No	
16	1050 Hallway	10:52	ND	No	
17	3056	11:01	ND	No	
18	3045	11:09	ND	No	
19	2056	11:18	ND	No	
20	2045	11:27	ND	No	
21	Stairwell 4	11:35	ND	No	
22	NW Garage	11:44	ND	No	
23	SW Garage	11:55	0.6	No	
24	3025	13:17	ND	No	
25	3067	13:26	ND	No	
26	2067	13:38	ND	No	
27	2014	13:46	ND	No	
28	3016	13:55	ND	No	

29	2049	14:03	ND	No	
30	Gym	14:11	ND	No	

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