

## MEMORANDUM

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DATE : January 22, 2024

TO : Shane LaFave / Roers Companies, LLC

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

SUBJECT : Weekly Report for the Week Ending 01/20/2024  
Community Within the Corridor - East Block

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

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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 01/20/2024. The following tasks were performed in the past week:

1. Vapor barrier was installed in all backfilled areas.
2. Roll-off boxes were delivered and non-hazardous soils were hauled off site.
3. Concrete poured in 1056,1051,1050 Hallway and Stairwell 4.

### Next Steps:

1. Concrete to be poured in 1048 and 1044 Hallway next week.
2. Cleaning to take place on 1<sup>st</sup> floor to remove dust/debris.
3. Remaining non-hazardous soil to be hauled off for disposal.
4. Column sealing to begin using a commercial sealant.

Note that TCE readings were higher on certain dates/locations where vapor barrier was not installed. Fans were set up to increase ventilation of the work zones, test results were posted outside the work zone to notify onsite personnel, and necessary respiratory equipment and PPE was worn as required.

### 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. 32<sup>nd</sup> Street, Milwaukee, WI**

<b>Date:</b>	1/15/2024
<b>Testing Performed by:</b>	K. Singh & Associates, Inc., Ph: 262-821-1171
<b>Professional on Site:</b>	Samuel Ramirez
<b>Signature:</b>	<i>Samuel Ramirez</i>

No.	Location	Time	TCE Reading ( $\mu\text{g}/\text{m}^3$ )	TCE Reading (ppb)	>25 ppm
1	1044 Hallway	9:08	11.8	2.12	No
2	1048	9:16	19.5	3.51	No
3	1050 Hallway	9:23	20.1	3.62	No
4	1051 Hallway	9:43	34.3	6.17	No
5	Stairwell 4	9:51	0.870	0.16	No
6	SW Garage	10:12	28.4	5.11	No
7	NW Garage	10:25	1.11	0.20	No
8	N. Mechanical Room	10:33	5.67	1.02	No
9	1050 Hallway	14:10	8.82	1.59	No
10	1044 Hallway	14:17	0.911	0.16	No
11	1051 Hallway	14:26	10.5	1.89	No
12	1056 Hallway	14:49	1.45	0.26	No
13	1043 C1	14:57	8.73	1.57	No
14	1043 C2	15:05	8.24	1.48	No
15	1043 C3	15:16	8.76	1.58	No
16	1045 C1	15:23	9.66	1.74	No
17	1045 C2	15:31	9.42	1.70	No
18	1049 C	15:40	3.45	0.62	No
19	1051 C1	15:47	7.87	1.42	No
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\*\* 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>



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

<b>Date:</b>	1/16/2024
<b>Testing Performed by:</b>	K. Singh & Associates, Inc., Ph: 262-821-1171
<b>Professional on Site:</b>	Samuel Ramirez
<b>Signature:</b>	<i>Samuel Ramirez</i>

No.	Location	Time	TCE Reading ( $\mu\text{g}/\text{m}^3$ )	TCE Reading (ppb)	>25 ppm
1	Gym	9:19	0.851	0.15	No
2	SW garage	9:27	5.77	1.04	No
3	NW Garage	9:34	ND	N/A	No
4	N. Mechanical Room	9:53	ND	N/A	No
5	1048 C	10:00	12.5	2.26	No
6	1050	10:44	8.05	1.45	No
7	1045	10:52	7.47	1.35	No
8	1056	11:24	4.51	0.81	No
9	1056 Hallway	11:31	17.8	3.21	No
10	1052 C2	13:43	7.51	1.36	No
11	1044 C1	14:27	22.1	3.99	No
12	1044 C2	14:36	25.1	4.53	No
13	1051 C1	14:55	ND	N/A	No
14	1052 C1	15:03	4.19	0.76	No
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<b>Date:</b>	1/17/2024
<b>Testing Performed by:</b>	K. Singh & Associates, Inc., Ph: 262-821-1171
<b>Professional on Site:</b>	Samuel Ramirez
<b>Signature:</b>	<i>Samuel Ramirez</i>

No.	Location	Time	TCE Reading ( $\mu\text{g}/\text{m}^3$ )	TCE Reading (ppb)	>25 ppm
1	1045	9:05	7.47	1.34	No
2	1050	9:12	7.81	1.41	No
3	1048	9:22	15.9	2.86	No
4	1056	9:33	15.9	2.86	No
5	1049	9:43	20.8	3.74	No
6	1051 Hallway	9:52	26.1	4.70	No
7	SW Garage	10:03	12.6	2.27	No
8	NW Garage	10:11	ND	N/A	No
9	N. Mechanical Room	10:19	2.21	0.40	No
10	1050 Hallway	13:18	10.5	1.89	No
11	1056 Hallway	13:28	12.5	2.25	No
12	Stairwell 4	13:37	0.638	0.11	No
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<b>Professional on Site:</b>	Samuel Ramirez
<b>Signature:</b>	<i>Samuel Ramirez</i>

No.	Location	Time	TCE Reading ( $\mu\text{g}/\text{m}^3$ )	TCE Reading (ppb)	>25 ppm
1	1045	9:08	5.67	1.02	No
2	1050	9:17	7.09	1.28	No
3	1048	9:24	3.84	0.69	No
4	1056	9:34	13.9	2.50	No
5	1049	9:46	9.71	1.75	No
6	N. Mechanical Room	9:54	ND	N/A	No
7	1051 Hallway	10:02	1.63	0.29	No
8	1056 Hallway	10:09	8.04	1.45	No
9	1050 Hallway	10:17	11.4	2.05	No
10	1044 Hallway	10:24	8.32	1.50	No
11	Gym	10:40	1.24	0.22	No
12	1044	11:05	12.3	2.21	No
13	1043	11:13	6.36	1.14	No
14	1042	11:21	0.910	0.16	No
15	1041	11:31	1.65	0.30	No
16	1040	11:41	ND	N/A	No
17	1039	11:48	ND	N/A	No
18	1037	11:56	ND	N/A	No
19	1036	13:15	ND	N/A	No
20	1035	13:25	ND	N/A	No
21	1058	13:34	0.762	0.14	No
22	1026	13:42	0.835	0.15	No
23	1025	13:51	0.784	0.14	No
24	1014	14:00	ND	N/A	No
25	1012	14:08	0.634	0.11	No
26	1011	14:16	0.922	0.17	No
27	SW Garage	14:21	2.65	0.48	No
28	NW Garage	14:30	ND	N/A	No
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<b>Professional on Site:</b>	Samuel Ramirez
<b>Signature:</b>	<i>Samuel Ramirez</i>

No.	Location	Time	TCE Reading (µg/m <sup>3</sup> )	TCE Reading (ppb)	>25 ppm
1	1056 Hallway	9:07	1.2	0.2	No
2	1049	9:16	7.8	1.3	No
3	1043	9:24	5.8	1.0	No
4	N. Mechanical Room	10:00	2.1	0.4	No
5	NW Garage	10:08	ND	N/A	No
6	SW Garage	10:19	ND	N/A	No
7	1045	10:32	3.5	0.6	No
8	1044	10:39	16.1	2.9	No
9	Blower 1	11:42	1.4	0.3	No
10	Blower 2	11:52	11.4	2.1	No
11	Blower 2A	11:59	0.7	0.1	No
12	Stairwell 4	14:11	ND	N/A	No
13	1051 Hallway	14:18	6.1	1.1	No
14	2 <sup>nd</sup> Floor SW Hallway	14:44	0.7	0.1	No
15	3 <sup>rd</sup> Floor SW Hallway	14:52	ND	N/A	No
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