

MEMORANDUM

DATE : February 26, 2024

TO : Shane LaFave / Roers Companies, LLC

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

SUBJECT : Weekly Report for the Week Ending 02/24/2024
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 test results and provide a summary of the work performed for the referenced project for the week ending 02/24/2024. This week's focus was on conducting screening and pre-commissioning activities in order to plan and prepare for the 2nd round of commissioning. Tasks performed in the past week included:

1. Thorough GC testing;
2. Daily vacuum measurements confirming sufficient vacuum at all vapor pin locations;
3. Planning for additional sealing of columns;

Note that indoor air quality levels have stayed largely consistent throughout the week, and the focus has been on narrowing down units and rooms in which columns or concrete need to be further sealed. It is anticipated that the additional sealing will further improve the indoor air quality.

Upon completing the additional column and concrete sealing, screening activities will continue in preparation for commissioning.

Attachments

KSingh has included the following attachments for reference:

- Attachment A: Daily Logs of Indoor Air Quality

Attachment A
Indoor Air Quality Readings

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

Date:	2/19/2024
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	1050	8:36	ND	No	
2	1048	8:43	ND	No	
3	1056	8:51	ND	No	
4	1049	8:59	2.8	No	Door Closed
5	1054	9:14	1.0	No	Door Closed
6	1055	9:22	1.5	No	Door Closed
7	1053	9:29	1.2	No	Door Closed
8	1051 Hallway	9:37	ND	No	
9	1056 Hallway	10:05	ND	No	
10	1050 Hallway	10:13	ND	No	
11	N. Mechanical Room	10:21	0.9	No	
12	1045 C2	11:10	1.2	No	
13	1045 C1	11:18	0.8	No	
14	1049 C1	11:26	7.7	No	
15	1044 C1	11:34	3.1	No	
16	1055 C1	11:42	1.2	No	
17	1054 C2	11:50	1.4	No	
18	1053 C2	11:58	1.4	No	
19	1052 C1	12:06	ND	No	
20	1052 C2	14:53	ND	No	
21	1051 C1	15:05	0.7	No	
22	1048 C1	15:13	ND	No	
23	1050 C1	15:21	ND	No	
24	1043 C1	15:31	5.8	No	
25	1043 C2	15:39	14.0	No	
26	1043 C3	15:48	7.2	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>



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

Date:	2/20/2024
Testing Performed by:	K. Singh & Associates, Inc., Ph: 262-821-1171
Professional on Site:	Samuel Ramirez and Nicholas Bach
Signature:	<i>Samuel Ramirez</i>

No.	Location	Time	TCE Reading (µg/m ³)	>25 ppm	Notes
1	1055	8:12	1.4	No	
2	1054	8:20	1.0	No	
3	1053	8:29	1.2	No	
4	1052	8:37	ND	No	
5	1055 C1	8:44	1.3	No	
6	1054 C1	8:53	1.1	No	
7	1053 C2	9:01	1.1	No	
8	1053 C1	9:09	1.3	No	
9	1052 C1	9:18	ND	No	
10	1052 C2	9:26	ND	No	
11	1051	9:34	0.9	No	
12	1051 C1	9:41	0.9	No	
13	1049	9:48	1.3	No	
14	1049 C1	9:56	1.9	No	
15	1056	10:04	ND	No	
16	1048	10:12	0.6	No	
17	1048 C1	10:20	0.6	No	
18	1050	10:28	0.6	No	
19	1050 C1	10:36	0.7	No	
20	1045	10:46	0.6	No	
21	1045 C2	10:54	0.6	No	
22	1045 C1	11:02	0.8	No	
23	1044	11:10	1.2	No	
24	1044 C2	11:18	0.9	No	
25	1044 C1	11:26	1.5	No	
26	1043	11:35	1.3	No	
27	1043 C1	11:43	1.3	No	
28	1043 C2	11:51	1.3	No	
29	1043 C3	11:59	2.2	No	

30	1043 C4	12:07	1.3	No	
31	1042	12:15	0.6	No	
32	1042 C1	13:15	0.7	No	
33	1042 C2	13:24	ND	No	
34	SW Garage C1	13:31	ND	No	
35	N. Mechanical Room	13:39	0.7	No	
36	1041	13:47	ND	No	
37	1040	13:55	ND	No	
38	1039	14:03	ND	No	
39	1037	14:12	0.8	No	
40	1036	14:20	ND	No	
41	1035	14:28	ND	No	
42	1026	14:36	ND	No	
43	1025	14:44	ND	No	
44	1014	14:52	ND	No	
45	Community Room	15:01	ND	No	
46	Office Suite	15:09	ND	No	
47	1011	15:17	ND	No	
48	1009	15:25	ND	No	
49	Stairwell 2 1 st floor	15:33	ND	No	
50	South Gym	15:41	ND	No	

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

Date:	2/21/2024
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 ($\mu\text{g}/\text{m}^3$)	>25 ppm	Notes
1	1043 C3	9:16	1.3	No	
2	Blower 1	10:05	1.0	No	
3	Blower 2	10:13	9.9	No	
4	Blower 2A	10:23	13.5	No	
5	Blower 5	10:31	399.0	No	
6	Blower 11	10:40	54.8	No	
7	Blower 10	10:49	677.1	No	
8	Blower 6	11:01	4.7	No	
9	Blower 7	11:09	9.7	No	
10	Blower 9	11:18	96.9	No	
11	Blower 8	11:38	4.1	No	
12	Blower 3+4	11:48	6.1	No	
13	1049 C1	11:56	0.8	No	
14	2056	13:10	ND	No	
15	2045	13:18	ND	No	
16	2 nd floor SW Hall	13:26	0.8	No	
17	2058	13:34	ND	No	
18	1048	13:42	1.1	No	
19	1050	13:50	ND	No	
20	1045	13:59	1.0	No	
21	1055	14:07	1.9	No	
22	1054	14:14	0.8	No	
23	1053	14:22	1.6	No	
24	1043	14:31	0.9	No	
25	1044	14:40	0.8	No	
26	1042 Bathroom	14:49	ND	No	
27	N. Mechanical Room	14:57	2.4	No	
28	1044 Hallway	15:05	1.3	No	

29	N. Mechanical Room	15:30	0.9	No	Retest
30	1055	15:38	1.9	No	Retest

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

Date:	2/22/2024
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 ($\mu\text{g}/\text{m}^3$)	>25 ppm	Notes
1	1055	8:45	2.2	No	
2	1054	8:54	0.9	No	
3	1053	9:03	1.4	No	
4	1049	9:24	1.0	No	
5	1050	9:14	0.8	No	
6	1045	9:32	0.8	No	
7	1056	9:41	1.0	No	
8	1052	9:48	0.7	No	
9	1051	9:56	2.1	No	
10	1048	10:05	ND	No	
11	1044	10:14	ND	No	
12	1043	10:24	1.2	No	
13	1042	10:32	ND	No	
14	1041	10:40	ND	No	
15	1040	10:48	ND	No	
16	1039	10:57	ND	No	
17	1037	11:05	ND	No	
18	1036	11:15	0.7	No	
19	N. Mechanical Room	11:23	1.6	No	
20	NW Garage	11:31	ND	No	
21	SW Garage	11:39	ND	No	
22	1035	11:47	ND	No	
23	1026	11:55	ND	No	
24	1025	12:03	ND	No	
25	1055	14:02	2.0	No	
26	1051	14:10	ND	No	
27	1014	14:37	ND	No	
28	St. 3 1 st Floor	14:46	ND	No	
29	St. 4 1 st Floor	14:46	ND	No	
30	2057	15:02	ND	No	

31	2058	15:09	ND	No	
32	St 3. 2 nd Floor	15:17	ND	No	
33	St. 4 2 nd Floor	15:27	ND	No	
34	1051 C1	15:36	0.6	No	
35	1055 C1	15:44	2.2	No	
36	1049 C1	15:52	0.8	No	
37	1045 C1	15:59	1.5	No	
38	1045 C2	16:07	ND	No	
39	1053 C1	16:14	1.1	No	
40	1043 C2	16:22	1.1	No	

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**Indoor Air Quality Log – Column/Room Readings
Community Within the Corridor – East Block
2748 N. 32nd Street, Milwaukee, WI**

Date:	02/23/2024
Testing Performed by:	K. Singh & Associates, Inc., Ph: 262-821-1171
Professional on Site:	Samuel Ramirez and Nicholas Bach
Signature:	<i>Samuel Ramirez</i>

No.	Location	Time	TCE Reading ($\mu\text{g}/\text{m}^3$)	Time	TCE Reading ($\mu\text{g}/\text{m}^3$)
1	1055	11:09	2.0	-	-
2	1055 C1	8:25	1.8	-	-
3	1044	11:17	0.8	-	-
4	1044 C2	8:33	0.9	-	-
5	1043	11:25	1.0	-	-
6	1043 C1	8:41	0.9	-	-
7	1043 C2	8:49	0.9	-	-
8	1043 C3	8:57	1.2	-	-
9	1053	11:33	2.0	-	-
10	1053 C1	9:30	1.6	-	-
11	1053 C2	10:21	1.7	-	-
12	1045	11:42	0.6	-	-
13	1045 C1	10:54	0.8	-	-
14	1045 C2	10:45	0.6	-	-
15	1049	11:50	0.9	-	-
16	1049 C1	10:13	1.0	-	-
17	1054	12:22	0.8	-	-
18	1054 C1	9:22	0.8	-	-
19	1050	12:30	0.7	-	-
20	1050 C1	10:37	0.7	-	-
21	1048	12:39	ND	-	-
22	1048 C1	10:29	0.8	-	-
23	1052	12:47	1.0	-	-
24	1052 C2	9:58	0.7	-	-
25	SWG	12:55	ND	-	-
26	SWG C1	9:13	0.9	-	-
27	N. Mechanical Room	12:14	0.8	-	-
28	1043 C4	9:05	1.1	-	-
29	1052 C1	9:50	0.8	-	-
30	1051 C1	10:06	ND	-	-

31	1044 C1	11:02	1.1	-	-
32	1042 C1	11:58	0.6	-	-

**Indoor Air Quality Log
Passive Sampler Locations - Floor 2
Community Within the Corridor – East Block**

Date:	2/23/2024
Testing Performed by:	K. Singh & Associates, Inc., Ph: 262-821-1171
Professional on Site:	Samuel Ramirez and Nicholas Bach
Signature:	<i>Samuel Ramirez</i>

No.	Name	Location	Time	TCE Reading ($\mu\text{g}/\text{m}^3$)
1	EB-02-A	Elevator 1	14:14	ND
2	EB-02-B	Elevator 2	14:22	ND
3	EB-02-C	Elevator 3	14:30	1.4
4	EB-02-D	Stairwell 2	14:39	ND
5	EB-02-E	Stairwell 3	14:48	ND
6	EB-02-F	Stairwell 4	14:57	ND
7	EB-02-G	Stairwell 5	15:05	ND
8	EB-02-H	2038	15:16	ND
9	EB-02-I	2039	15:24	ND
10	EB-02-J	2044	15:31	ND
11	EB-02-K	2045	15:39	ND
12	EB-02-L	2047	15:47	ND
13	EB-02-M	2056	15:54	ND
14	EB-02-N	2057	16:03	ND
15	EB-02-O	2077	16:11	ND
16				
17				
18				
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28				
29				

**Indoor Air Quality Log
Passive Sampler Locations - Floor 3
Community Within the Corridor – East Block**

Date:	2/23/2024
Testing Performed by:	K. Singh & Associates, Inc., Ph: 262-821-1171
Professional on Site:	Samuel Ramirez and Nicholas Bach
Signature:	<i>Samuel Ramirez</i>

No.	Name	Location	Time	TCE Reading ($\mu\text{g}/\text{m}^3$)
1	EB-03-A	Elevator 1	13:06	ND
2	EB-03-B	Elevator 2	13:15	ND
3	EB-03-C	Elevator 3	13:22	ND
4	EB-03-D	Stairwell 2	13:31	ND
5	EB-03-E	Stairwell 3	13:39	ND
6	EB-03-F	3038	13:56	1.2
7	EB-03-G	3047	14:05	ND
Post-Commissioning Plan Additions				
8	EB-03-H	Outside Stairwell 3	13:48	ND
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