

## MEMORANDUM

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DATE : December 30, 2023

TO : Shane LaFave / Roers Companies, LLC

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

SUBJECT : Weekly Report for the Weeks Ending 12/22/2023 and 12/29/2023  
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 weeks ending 12/22/2023 and 12/29/2023. The following tasks were performed over the past two weeks:

1. Four (4) total truckloads of hazardous soil were hauled off and two 15-ton roll-off boxes were filled.
2. The electrical room and storage area were backfilled. Unit 1048 Laundry was excavated.
3. Titan continued backfilling and excavation in laundry room. Horner set up vapor extraction piping for Laundry Room, Electrical Room, and Storage Room.
4. Additional rolloff boxes were delivered for storage of hazardous soils.
5. Backfill was completed in Storage Area and vapor barrier was set up.
6. Prepared for concrete pour in Rooms 1049 and 1056.
7. Saw cuts were performed in Room 1048 to remove buried concrete.
8. Installed VMS piping in Room 1048
9. Removed concrete blocks in hallway and began excavation in the hallway to Room 1051.
10. Precision concrete removed the concrete blocks from the hallway. Plastic was placed over the exposed soil.
11. Vapor barrier was set up in 1049 and 1056.
12. Rolloff boxes were picked up by Keldorn Trucking for disposal.

Note that TCE readings were higher on certain dates/locations due to the disturbance of contaminated soil. 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>	12/18/2023
<b>Testing Performed by:</b>	K. Singh & Associates, Inc., Ph: 262-821-1171
<b>Engineer on Site:</b>	Robert Reineke, PE cell # 262-424-5191
<b>Signature:</b>	<i>Robert P. Reineke</i>

No.	Location	Time	TCE Reading ( $\mu\text{g}/\text{m}^3$ )	TCE Reading (ppb)	>25 ppm
1	Unit 1033	7:50	118.5	21.5	No
2	NW Garage	8:02	4.6	0.84	No
3	SW Garage	8:10	286.4	52.1	No
4	N Mechanical Room	8:22	9.4	1.7	No
5	North Lobby, 2 <sup>nd</sup> Floor	8:25	0.76	0.14	No
6	Gym Center	8:32	2.1	0.38	No
7	1049 Storage Room	8:37	310.3	56.4	No
8	SE Lobby	9:05	4.1	0.75	No
9	Unit 1025	9:10	2.3	0.42	No
10	Unit 2058	9:18	1.4	0.25	No
11	Unit 2062	9:23	6.9	1.3	No
12	Unit 1036	9:28	2.0	0.36	No
13	1049 Storage Room	15:05	316.1	57.5	No
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\*\* Note that Workplace Safety Limit for TCE by OSHA is 100 ppm and NIOSH is 25 ppm.

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

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



\*\*Method Detection Limit = 0.6  $\mu\text{g}/\text{m}^3$

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

<b>Date:</b>	12/19/2023
<b>Testing Performed by:</b>	K. Singh & Associates, Inc., Ph: 262-821-1171
<b>Engineer on Site:</b>	Robert Reineke, PE cell # 262-424-5191
<b>Signature:</b>	<i>Robert P. Reineke</i>

No.	Location	Time	TCE Reading ( $\mu\text{g}/\text{m}^3$ )	TCE Reading (ppb)	>25 ppm
1	1049 Storage Room	7:15	398.5	71.93	No
2	SW Garage	7:34	247.6	44.69	No
3	NW garage	7:40	8.5	1.53	No
4	N Mechanical Room	8:00	8.6	1.55	No
5	SW Garage	1400	316.9	57.2	No
6	Outdoor Air (purge)	933	8.3	1.5	No
7	2 <sup>nd</sup> Floor N Lobby	14:58	90.5	16.33	No
8	N Mechanical Room	14:51	139.4	25.16	No
9	1048 Laundry	14:30	372.2	67.18	No
10	2 <sup>nd</sup> Floor SW Hallway	14:42	169.3	30.56	No
11	3 <sup>rd</sup> Floor SW Hallway	15:07	74.2	13.39	No
12	NE Garage	9:28	107.9	19.48	No
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**Community Within the Corridor – East Block**  
**2748 N. 32<sup>nd</sup> Street, Milwaukee, WI**

<b>Date:</b>	12/20/2023
<b>Testing Performed by:</b>	K. Singh & Associates, Inc., Ph: 262-821-1171
<b>Professional on Site:</b>	Samuel Ramirez
<b>Signature:</b>	

No.	Location	Time	TCE Reading (µg/m <sup>3</sup> )	TCE Reading (ppb)	>25 ppm
1	1048 Laundry	7:55	1523.9	274	No
2	SW Garage	8:04	486	87.5	No
3	NW garage	8:24	25.8	4.64	No
4	N Mechanical Room	8:32	34.7	6.25	No
5	2 <sup>nd</sup> Floor N Lobby	8:40	26.2	4.72	No
6	2 <sup>nd</sup> Floor SW Hallway	10:00	78.2	14.1	No
7	1049 Storage Area	10:30	720.6	130	No
8	3 <sup>rd</sup> Floor SW Hallway	11:28	37.3	6.71	No
9	1048 Laundry	13:46	676.2	122	No
10	SW garage	13:55	169.6	30.5	No
11	1049 Storage	14:22	575.1	104	No
12	2 <sup>nd</sup> Floor SE Hallway	14:30	11.4	2.05	No
13	Outdoor Air (purge)	8:15	7.19	1.29	No
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**Daily TCE Detection Log**  
**Community Within the Corridor – East Block**  
**2748 N. 32<sup>nd</sup> Street, Milwaukee, WI**

<b>Date:</b>	12/21/2023
<b>Testing Performed by:</b>	K. Singh & Associates, Inc., Ph: 262-821-1171
<b>Professional on Site:</b>	Samuel Ramirez
<b>Signature:</b>	

No.	Location	Time	TCE Reading ( $\mu\text{g}/\text{m}^3$ )	TCE Reading (ppb)	>25 ppm
1	1043	8:34	15.9	2.86	No
2	Blower 3+4	10:07	8.84	1.59	No
3	Blower 1	10:45	14.5	2.61	No
4	Blower 2	10:54	29.5	5.31	No
5	Blower 2A	11:01	36.7	6.60	No
6	Blower 5	11:13	467.8	84.19	No
7	Blower 11	11:21	300	54.0	No
8	Blower 10	11:30	570	103	No
9	Blower 6	11:50	157	28.3	No
10	Blower 7	12:00	62.7	11.28	No
11	Blower 9	12:08	401	72.2	No
12	1049 Storage	13:26	404	72.7	No
13	SW Garage	13:34	115	20.7	No
14	NW Garage	13:55	1.15	0.21	No
15	N. Mechanical Room	14:03	3.06	0.55	No
16	2 <sup>nd</sup> Floor SW Hallway	14:46	5.78	1.04	No
17	3 <sup>rd</sup> Floor SW Hallway	15:00	6.5	1.17	No
18					

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**2748 N. 32<sup>nd</sup> Street, Milwaukee, WI**

<b>Date:</b>	12/22/2023
<b>Testing Performed by:</b>	K. Singh & Associates, Inc., Ph: 262-821-1171
<b>Professional on Site:</b>	Samuel Ramirez
<b>Signature:</b>	

No.	Location	Time	TCE Reading (µg/m <sup>3</sup> )	TCE Reading (ppb)	>25 ppm
1	1049	8:15	1438	256	No
2	Outdoor air (purge)	8:22	85.7	15.5	No
3	SW garage	8:30	363	63.8	No
4	NW garage	8:36	44.4	8.01	No
5	N. Mechanical Room	8:44	36.4	6.57	No
6	Gym	8:50	363	65.6	No
7	1043	10:07	353	63.7	No
8	3 <sup>rd</sup> Floor SW Hall	11:22	101	18.27	No
9	2 <sup>nd</sup> Floor SW Hall	11:31	190	34.37	No
10	Gym	11:53	441	79.63	No
11	1048	13:53	1041	187.9	No
12	Outdoor Air (purge)	14:15	6.48	1.17	No
13	SW Garage	14:26	447	80.7	No
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**Daily TCE Detection Log**  
**Community Within the Corridor – East Block**  
**2748 N. 32<sup>nd</sup> Street, Milwaukee, WI**

<b>Date:</b>	12/26/2023
<b>Testing Performed by:</b>	K. Singh & Associates, Inc., Ph: 262-821-1171
<b>Engineer on Site:</b>	Robert Reineke, PE
<b>Signature:</b>	<i>Robert J. Reineke</i>

No.	Location	Time	TCE Reading (µg/m <sup>3</sup> )	TCE Reading (ppb)	>25 ppm
1	1049	8:38	2006.5	364.8	No
2	SW Garage	8:46	1148.9	208.9	No
3	Outdoor Air (purge)	8:56	65.3	11.9	No
4	NW garage	9:03	39.5	7.2	No
5	Gym	9:11	345.4	62.8	No
6	N. Mechanical Room	9:21	86.0	15.6	No
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<b>Date:</b>	12/27/2023
<b>Testing Performed by:</b>	K. Singh & Associates, Inc., Ph: 262-821-1171
<b>Professional on Site:</b>	Samuel Ramirez
<b>Signature:</b>	

No.	Location	Time	TCE Reading (µg/m <sup>3</sup> )	TCE Reading (ppb)	>25 ppm
1	1048	9:26	871	157	No
2	1049	9:33	1147	206	No
3	SW garage	9:43	466	83.9	No
4	Purge	9:58	12.2	2.20	No
5	NW Garage	10:39	11.0	1.98	No
6	N. Mechanical Room	11:17	15.4	2.77	No
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**2748 N. 32<sup>nd</sup> Street, Milwaukee, WI**

<b>Date:</b>	12/28/2023
<b>Testing Performed by:</b>	K. Singh & Associates, Inc., Ph: 262-821-1171
<b>Professional on Site:</b>	Samuel Ramirez
<b>Signature:</b>	

No.	Location	Time	TCE Reading ( $\mu\text{g}/\text{m}^3$ )	TCE Reading (ppb)	>25 ppm
1	1049	8:51	739	133	No
2	Purge	9:02	37.3	6.71	No
3	SW garage	9:11	148	26.6	No
4	NW Garage	9:17	18.3	3.29	No
5	N. Mechanical Room	9:24	20.7	3.73	No
6	2062	10:23	17.5	3.15	No
7	3 <sup>rd</sup> Floor SE Hall	10:36	7.49	1.35	No
8	1048	12:15	141	25.4	No
9	SW Garage	12:45	60.6	10.9	No
10	NW Garage	13:46	4.86	0.86	No
11	N. Mechanical Room	13:57	7.86	1.41	No
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<b>Testing Performed by:</b>	K. Singh & Associates, Inc., Ph: 262-821-1171
<b>Professional on Site:</b>	Samuel Ramirez
<b>Signature:</b>	

No.	Location	Time	TCE Reading (µg/m <sup>3</sup> )	TCE Reading (ppb)	>25 ppm
1	1051 Hallway	8:30	119	21.4	No
2	SW Garage	8:38	27.2	4.9	No
3	NW Garage	8:46	1.85	0.33	No
4	1048	8:57	152	27.4	No
5	1049	9:08	120	21.6	No
6	N. Mechanical Room	9:34	4.5	0.81	No
7	Blower 1	10:30	6.03	1.09	No
8	Blower 2	10:40	116	20.9	No
9	Blower 2A	10:47	29.0	5.22	No
10	Blower 6	10:56	270	48.6	No
11	Blower 3+4	11:15	7.54	1.36	No
12	Blower 5	13:11	628	113	No
13	Purge	13:25	0.366	0.07	No
14	Blower 10	13:34	211	38.0	No
15	Blower 11	13:59	1020	183.6	No
16	Purge	14:18	1.06	0.19	No
17	Blower 7	14:28	39.3	7.07	No
18	Blower 9	14:36	296	53.3	No

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