

## MEMORANDUM

---

DATE : April 2, 2023 (for work performed 4/1/23)

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

FROM : Robert Reineke, PE / KSingh

SUBJECT : Vapor Mitigation Efforts – Community Within the Corridor – East Block  
April 1, 2023

COPY TO : Shane LaFave/ Roers Companies, Project #40441

---

Both southern blowers were operating. However, the southern 10 HP blower was observed taking in water, a video was taken. We were unable to drain the blower without risk of spillage, so it was left to run overnight. Same issues with the northern 10 HP blower, although that shut down as full before evening. 7.5 HP blower was not running in northern area due to it apparently running in reverse. Garage fans operate at regular intervals at high speed and appear to operate continuously at a lower level.

Vacuum was observed at 0.961 inches of water in the southeast portion of the building indicating eastern most leg was performing very well. 0 or very close to zero negative pressure was observed in the western portion of the building.

Air sampling consisted of discrete sampling near rooms 1045 and 1050 to determine entry points. Identified gaps were sealed. However, continuous monitoring did not observe any changes. Summa canisters set out on March 31, 2023 in affected units were collected.

The following action items for April 3, 2023:

1. Get water out of the SSDS system blowers.
2. Get supplemental blower running in correct direction.
3. Turn on blowers and continue to remove water from lines.
4. Arrange for pumping of lines.
5. Arrange for automatic drainage of blowers.
6. Pump air from rooms 1045 and 1050.
7. Continuously monitor rooms 1045 and 1050.