

**MEMORANDUM**

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DATE : April 2, 2023 (for work performed 3/31/23)

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

FROM : Robert Reineke, PE / KSingh

SUBJECT : Vapor Mitigation Efforts – Community Within the Corridor – East Block  
March 31, 2023

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

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Two additional 7.5 HP blowers were brought to the site by Fliteway and set up. Blowers and garage ventilation fans were running except while the new blowers were set up. The 10 HP Blowers began “slurping” water after being connected to critical subsurface depressurization system (SSDS) individual pipes. Three blowers were left running at the end of the day, as the northern 7.5 HP appeared to be blowing air into the system.

Manometer readings in western wing were at or near zero.

Continuous air monitoring was stopped and data reviewed at the beginning of the day. Air sampling consisted of discrete sampling outside of the affected units primarily on Level 1 and Level 2 to assess the extent of contamination within the complex. Continuous air monitoring was restarted at the end of the day centered around units 1045 and 1050. Summa canisters were set out between 7 am and 8 pm in affected units.

The following action items for April 1, 2023:

1. Observe SSDS system blowers.
2. Perform additional discrete sampling.
3. Take manometer readings to assess how new blowers have affected system.
4. Continuously monitor rooms 1045 and 1050 and end of day.