

July 21,2022

Hi Everyone-

I received an email late this afternoon from Langan requesting that I join a conference call with Heidi Dudek and Rafi Alam of NYSDEC to discuss CAMP and air quality data generated at the 250 Water Street site today and to provide a brief schedule update. Tom Fusillo was also on the call on behalf of The Blue School.

An update on the air quality monitoring results and remedial action schedule that can be shared with the community is provided below.

1. The air quality data that Langan relayed and we discussed with NYSDEC is as follows:

- Today at approximately 3:30 PM or so while the Contractor was excavating a test pit just west of the Mercury Hot Spot area along Pearl Street, an instantaneous mercury vapor concentration of 50 ug/m³ was reported by a technician screening the excavated soil using a hand-held Jerome J505 meter.
- In accordance with the RAWP and recently revised Construction Health and Safety Plan (CHASP), and CAMP, the work was immediately shut down and Mercon X was sprayed on the excavated soil and soil in the test pit area.
- The technician immediately relayed the reading, the nearest onsite CAMP adjacent to the work area (PM-6) was checked and, for a period of approximately 6 minutes, instantaneous mercury vapor readings were reported above background resulting in a Maximum 15 Minute Average Concentration at the onsite CAMP of 1.08 ug/m³ which is slightly above the 1.0 ug/m³ action level for mercury. As a reminder, all of the CAMP units at the Site now have the Jerome J505 mercury vapor analyzer installed and recording data via telemetry in addition to the dedicated downwind monitors using the Jerome J505 meters.
- A downwind, offsite CAMP (WZ-1) located across Pearl Street adjacent to Southbridge Towers showed no mercury vapor above background levels at that location and there were no mercury vapor concentrations of concern at any other perimeter CAMP location---an instantaneous reading of 0.15 ug/m³ was recorded at the onsite CAMP unit adjacent to Beekman Street but the data show that the Max. 15-Minute Average Concentration action level of 1.0 ug/m³ was not approached or exceeded.
- Langan reports that their project team stayed onsite after the tasks above were implemented to continue to monitor air quality prior to shutting down the CAMPs for the day and they confirmed that all readings were at or below background for all parameters being monitored, including the Jerome J505 readings.

Note that the NYSDEC Project Manager, Rafi Alam, was onsite and Langan notified him of the readings, and he relayed the data to Heidi Dudek and both Rafi and Heidi were on the conference call this evening along with Langan and Tom Fusillo on behalf of the Blue School.

All agreed that the protocols in the RAWP/CHASP and CAMP continued to be followed and the findings today underscore the importance of the recent changes to the protocols that are being used at the Site, including the newly added provision that Mercon X will be sprayed on the ground surface in the Mercury Hot Spot area before excavation of impacted soil in that area begins.

A summary of the above events along with the CAMP data and instantaneous readings measured by the Langan technicians will be provided in the Daily Field and Air Quality Reports for today that Langan will post to the 250bcp.com website tomorrow afternoon.

Langan and NYSDEC also reported that the USTs were removed from the Site today which is good news--they reported that there were no air quality readings of concern related to VOCs associated with today's field activities. We will review the CAMP data and instantaneous readings associated with the UST removals when Langan posts the Daily Reports tomorrow afternoon.

2. The schedule for the remedial action over the next few days is as follows:

- Test pit excavation to clear locations for the soldier pile support of excavation activities will continue tomorrow and Saturday to the east along Pearl Street approaching Peck Slip---this work is outside of the footprint of the Mercury Hot Spot soil.
- Excavation in the Mercury Hot Spot area is scheduled to begin on Monday, July 25th and we will have our Project Scientist at the Site first thing Monday morning as previously discussed to confirm that all RAWP, CHASP and CAMP protocols continue to be adhered to and to verify air quality onsite and around the perimeter of the Site on all four sides and at the Southbridge Towers air intake locations.
- Excavation in the Mercury Hot Spot area will continue through next week at which point we will get an update from Langan as to the status of that activity.
- Also next week on a parallel schedule, test pit excavation for soldier pile installation will continue along Peck Slip heading towards Water Street in order for the support of excavation to be in place before soil excavation activities extend beyond the Mercury Hot Spot to the east and south in accordance with the RAWP.

As always, please email or call me with any questions or to discuss any aspect of this update.

Best regards,

Lawra

6/22/22

I just received a phone call from Langan to advise us that the Contractor is going to start preparatory work to install lagging for the soldier pile support of excavation in an area just west of the Mercury Hot Spot Area along Pearl Street which will extend a few feet into the Mercury Hot Spot area along the northern property boundary.

The work will involve a shallow excavation of mercury impacted soil to install the lagging for the soldier piles. They will take the soil and move it aside so it will create a berm-like pile (long and narrow) along the alignment of the soldier piles parallel to Pearl Street. The soil will be kept inside the Mercury Hot Spot area because they are not offloading the soil into trucks today, that work starts on Monday as Langan had previously advised.

Langan will have 10 trucks doing two trips each (20 truck runs) on Monday and Tuesday and possibly more per day as the week proceeds so Monday is still the “kick off” of the Mercury Hot Spot soil excavation.

The Langan Project Manager and a representative of NYSDEC are onsite along with the full Langan crew and, per the revised protocols, they will be spraying Mercon X on the ground before they move the soil aside to install the lagging and, of course, the full CAMP system is set up and they have hand held J505 mercury vapor analyzers and will be right there monitoring in the excavation area as they go.

I am comfortable with Langan proceeding since they will be implementing the appropriate proactive measures and monitoring air quality using hand held instruments and the CAMP.

Note that this is not the start of the actual excavation and soil offloading and trucking activity, it is still preparatory work for the soldier pile installation to support the excavation of the mercury impacted soil but they will be moving mercury impacted soil aside today so I wanted to be sure you were aware so that you could update the community.

Per the RAWP, CHASP and CAMP, should they have any elevated mercury readings even with using the Mercon X, they will shut the work down and evaluate the situation as they have been doing.

Note that this work is only taking place today, they will not be moving soil tomorrow, just proceeding with the soldier pile installation along Pearl and into Peck Slip tomorrow as they previously relayed to me and I outlined in my email of last night.

Excel will have a Project Scientist onsite on Monday, July 25th to conduct a site visit as the full scale Mercury Hot Spot Soil excavation gets underway.