



Enviro-S.T.A.R.



Environmental - Safety, Training And Resources, Inc.
246 30th St., Ste. 102, Oakland, CA 94611

March 5, 2024

Ted Peterson
Deputy Fire Chief
Southern Marin Fire District
28 Liberty Ship Way,
Suite 2800,
Sausalito, CA 94965

Re: Mold remediation
Fire Station #9
Elevator Pit

Chief Peterson,

As you are aware, on March 1, 2024, Enviro-STAR was on site and collected a total of seven (7) indoor spore trap air samples and one (1) exterior air sample for comparative purposes. The purpose for the air testing was to determine if the water intrusion in the elevator pit may have impacted adversely affected other common areas of the fire station. According to the laboratory, the total spore counts on the indoor samples ranged between 9.3% up to 51.6% of the total outdoor count, in general, with similar species of spores. The spores encountered indoor can be explained by the fact that outdoor spores migrate indoors through a number of means, such as open doors, opened apparatus by doors, open windows, and on persons clothing to name a few. Additionally, the airborne spore counts can fluctuate due to a number of reasons such as weather, wind, time of year, etc .

On March 5, 2024 Enviro-STAR met with Battalion Chief, Doug Patterson and a two man-crew from Janus Corp., 1080 Shary Cir., Concord, CA at Fire Station #9 at 7:00 am. Janus was asked to assist in the construction of a mini enclosure with a HEPA filtered air scrubbing unit, on the 1st floor elevator lobby in preparation for the elevator mechanic's arrival to "safe-off" the elevator for inspection of the pit. The purpose for the containment was a precautionary measure in the event active mold growth was discovered, it would be contained and released airborne spores would be filtered by the HEPA scrubber unit.

Once the elevator was safed-off, the area was visually inspected. The inspection revealed approximately 2" to 3" of standing water on the concrete pit floor. The drywall on the back side of the pit had visible mold up to ~ 4'. Janus set-up the electric water pump, provided BC Patterson,

and pumped the water to the exterior of the building.

The affected drywall was removed and placed in clear 6-mil plastic bags which were sealed prior to bringing out of the pit. The remaining drywall was visually inspected and did not observe any signs of visible mold growth.

Janus set up a dehumidifier on the base of the elevator pit and ran the water discharge tube to the exterior of the building.

Enviro-STAR recommended the following actions be taken:

- 1) Placement of a dehumidifier in the elevator pit to dry up the remaining moisture, It should operate for approximately 48 hours;
- 2) On March 8, 2024 (Friday) Janus to return at 7:00 am to conduct a detailed cleanup of the dry elevator pit using a HEPA vacuum and damp rags. Once, cleaned, Enviro-STAR will conduct a visual inspection and if approved, Janus will treat the surfaces with an approved fungicide and allow the air filtration unit to operate on a “scrub mode” meaning it will be operating and re-circulating the filtered air to capture any airborne spores.
- 3) On March 11, 2024 (Monday) Enviro-STAR will return to collect the post-mold remediation air (clearance) samples and deliver to the lab for rush analysis. If the samples are acceptable, Janus will remove the containment & their equipment and turn the area to others.

For each of these events requiring access to the pit, the elevator mechanic must be present to safe-off the elevator.

If you have any questions, please call or email me.



Ralph P. Guzman
BS, IH
Certified Asbestos Consultant #93-0965
CDPH PM I/A: #4063 & #4064