



Woman Owned Business

Aztech Environmental

TECHNOLOGIES

5 McCrea Hill Road • Ballston Spa, New York 12020

Mr. Donald Duthaler, Jr., P.E., CPM
Vice President of Operations
Baker Capital, L.P.
One West Red Oak Lane
White Plains, NY 10604

March 12, 2019

RE: Sub-Slab Depressurization System (SSDS) – 2019 Annual Inspection

Dear Mr. Duthaler,

Aztech Environmental Technologies, Inc. (Aztech) is pleased to provide a summary of the findings of the annual Sub-Slab Depressurization System (SSDS) inspection. The purpose of this letter is to summarize any notable activity or changes to the three (3) SSDSs as well as provide the findings of the annual SSDS inspection for the year 2019. In addition to any changes or deficiencies identified, recommendations for improvements are provided as necessary.

The three (3) SSDSs installed at 510 Furnace Dock Road (the site) located in Cortlandt Manor, New York have been operational since their installation in December of 2011. Each of the three (3) individual systems is comprised of two (2) sub-slab vapor extraction points. All three (3) systems are equipped with Radonaway HS-2000 fan units. Each system is also equipped with a pressure indicating alarm which illuminates a light in the event that the vacuum inside of the system falls below 0.25 inches of water column. All plumbing was completed using three-inch Schedule 40 PVC pipe and solvent-welded fittings. The three (3) fans were mounted securely to the roof and all piping was installed on a pitch to allow any condensation to flow back into the ground beneath the building's slab.

It is noted that building maintenance staff confirm the system's operation regularly by checking the status of the vacuum indicator alarms which are positioned inside of a centrally located broom closet. In the event of an alarm, Aztech would be contacted and a technician would be deployed to the site to determine the cause.

On February 18th 2019, Aztech personnel mobilized to the site to conduct a regularly scheduled inspection of the SSDS system. During this site visit, the inspection consisted of checking various components of the systems. Aztech personnel visually inspected all of the exposed piping connections to confirm that the solvent-welded joints had not become loose or disconnected. The support for the piping located on the roof was checked to ensure that there were no

depressions in the pipes and that the lengths of piping continue to pitch back to the extraction points beneath the building slab. All three (3) system fans located on the roof were inspected to confirm their operational status as well as the rigidity of the mounting brackets. The electrical conduits were also checked and all system failure alarms were tested to confirm operational status.

Findings from this inspection indicated that no system deficiencies were identified during this inspection and the system is otherwise running satisfactorily. Attached are relevant photos and the field inspection log for reference.

Please feel free to contact Aztech if you have any questions.

Sincerely,

AZTECH ENVIRONMENTAL TECHNOLOGIES, INC.



Brian Baulsir
Sr. Environmental Scientist



Seen here are the northern and central fans.



Seen here is the southern fan.

Does smoke enter?

NA NA

If yes: Was area re-sealed with approved sealant*?

NA NA

Does smoke enter re-sealed area?

NA NA

Electrical Check

Are electrical wires and connections secure?

Is each junction box closed?

Are conduit properly supported?

Are switch boxes locked?

Does each fan start when the switch is ON position?

Does each fan stop when the switch is in OFF position?

Are mitigation system labels applied?

Are the correct labels applied in the proper locations?

Have the following items changed since the last visit?

	No	Yes	If yes, explain...
Building Footprint	<input checked="" type="checkbox"/>	<input type="checkbox"/>	
Ownership	<input checked="" type="checkbox"/>	<input type="checkbox"/>	

If any of these items have changed, a redesign may be required. Contact the maintenance supervisor for field review.

Deviations/Comments

System is operating properly - All is in order.

Performed by: [Signature]

Date: 2-18-19

LEWIS
GELINAS

B 2/18/19