

MORASH, MELANIE

From: MORASH, MELANIE
Sent: Thursday, July 21, 2016 4:07 PM
To: Wes Hawthorne
Cc: Elizabeth Brown; Heather O'Cleirigh; Joseph Innamorati; Linda Niemeyer; Michele Yuen; Morgan Gilhuly; Nancy-Jeanne LeFevre; Peter Bennett; Peter Scaramella; Rebecca Mora; Shau Luen Barker; Shaun Moore; Todd Maiden; Wendy Feng; Cynthia Woo; Lawrence McGuire; Leslie Lundgren; Lora Battaglia; Rose Condit; Sabrina Morales; Wenqian Dou; DIAZ, ALEJANDRO; Estrada, Thelma; Harris-Bishop, Rusty; LUEDERS, JESSE; Lyons, John; Maldonado, Lewis; MORASH, MELANIE; Parker, Heather; Plate, Mathew; Shaffer, Caleb; Stralka, Daniel; Yogi, David
Subject: EPA Comments - RP's Proposed Mitigation Plans for San Miguel Elementary School Buildings - Response Requested by Monday, July 25th

Good morning, Wes,

Thank you for providing an updated mitigation plan and response letter for the above-referenced school buildings. **Please consider the following comments and provide a response to comments letter and updated plan to EPA for review and approval by Monday, July 25th.**

Mitigation Plan:

1. Page 3, Description Section, second paragraph (¶) – second sentence indicates the mechanical fasteners will be used on the foundation and the support posts. This was not done during the first system installation. The mechanical fasteners (vapor barrier Christmas tree fasteners) were only installed on the perimeter foundations not on each support pier footing. Please clarify.
2. Page 3, Description Section, second ¶ – fifth has redundant wording and the “to be connected” should be deleted.
3. Page 3, Description Section, third ¶ – the sentence pertaining to the screen mesh should include, “and not smaller than ¼ inch” will.....
4. Page 4, Passive SSDS Specifications Section, second ¶, fifth bullet – mechanical fasteners will be installed in the exterior footing and piers, as applicable. During the installation at the first residence, the mechanical fasteners were only installed in the exterior walls and not the support piers. Please clarify if and when they would be used on the piers.
5. Page 5, Passive SSDS Specifications Section, last ¶ – Can information regarding the applicability of the thermal transfer printer’s labels to be used outside in the weather be provided to EPA to ensure the labels will withstand the elements.
6. Page 5, Potential Alternatives Section, second ¶, – for an SSDS system, the fans specified and the respective alternates, may not be the correct fans if the system ends up being a low flow situation. These fans can still be used, however it may be prudent to include GP model fans as an alternative as well.
7. Page 7, SMDS Description Section, first ¶, – pertaining to the sentence regarding perforated pipe being 4 inches in diameter. Please revise text to allow for the use of 3 inch in diameter, at the discretion of the mitigation installer.

8. Page 7, SMDS Description Section, second ¶ – the sentence pertaining to the screen mesh should include, “and not smaller than ¼ inch” will...
9. Page 7, SMDS Description Section, third ¶ – wording in the paragraph is better in regards to where the audible alarm and its installation. However, the wording chosen in the last sentence is problematic as it still relies on the school to want the alarm inside. It should not be left to them to decide, it should be relayed to them that it is imperative for it to be in a location where it can be easily heard in the event of a system failure. Saying that it is “preferred” to be inside does not convey that it should be located inside, where it best protect students and staff.
10. Page 8, Passive SMDS Specifications Section, second ¶, fifth bullet – mechanical fasteners will be installed in the exterior footing and piers. During the installation at the first residence, the mechanical fasteners were only installed in the exterior walls and not the support piers. Please clarify if and when they would be used on the piers.
11. Page 9, SMDS Specifications Section, second to the last ¶ – Can information regarding the applicability of the thermal transfer printer’s labels to be used outside in the weather be provided to EPA to ensure the labels will withstand the elements.
12. Page 9, SMDS Specifications Section, last ¶ – The sentence should be modified to include all electrical connections will be installed as per local, state, or international building code, if permits will be pulled, or if it will be inspected to ensure it meets all applicable code requirements, rather than “a licensed electrician was consulted to determine appropriate wire sizing for fan.

Response to Comments Letter:

13. Page 3, Response to Comment #5, regarding correct fan or alternative fans. The revised text is better, however it lists the potential alternatives as though they are the only fans that are going to be considered an alternative. For many SSDS system, the fans in the list are not the appropriate fans for the SSDS application. All of the fans listed are considered low vacuum / high flow fans. For many SSDS systems, high vacuum / low flow fans are used. Modifying the text to state that an appropriate alternative will be selected based on system testing is fine or add GP series fans to the list of potential alternatives.

Regards,

Melanie

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From: J. Wesley Hawthorne [mailto:hawthornej@locustec.com]

Sent: Friday, July 15, 2016 4:38 PM

To: MORASH, MELANIE <morash.melanie@epa.gov>

Cc: Heather O'Cleirigh <heather.ocleirigh@amd.com>; Linda Niemeyer <linda.niemeyer@ngc.com>; Nancy-Jeanne LeFevre <LeFevren@locustec.com>; Shau Luen Barker <shauluen.barker@philips.com>; Todd Maiden <tmaiden@reedsmith.com>; Leslie Lundgren <leslie.lundgren@cbifederaleservices.com>

Subject: RE: EPA Comments - RP's Proposed Mitigation Plans for School Buildings - King's Academy Small Auxiliary Gym & San Miguel Elementary School Buildings - Response Requested by Friday, July 15th

Melanie:

Attached are revised versions of these two work plans, along with letters describing the revisions, and redlined versions of the plans so that EPA can focus review on the revised portions.

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