Confirmation Air Sampling for Amarillo Phosphine Incident
Summary Table
05/10/17 4/10/17

Location	Sample ID	Sample Type	Sample Date	Analyte	Lab Reporting Limit (ppm)	Result (ppm)	Data Qualifier
Bedroom 1	PH3-BR1-28012017-81	Field Sample	1/28/2017	Phosphine	0.016	0.019	JH
Bedroom 2	PH3-BR2-28012017-81	Field Sample	1/28/2017	Phosphine	0.016	0.019	JH
Bedroom 3	PH3-BR3-28012017-81	Field Sample	1/28/2017	Phosphine	0.016	<0.016	ND
Bathroom 1	PH3-BTH1-28012017-81	Field Sample	1/28/2017	Phosphine	0.016	0.018	JH
Bathroom 1	PH3-BTH1-28012017-82	Field Duplicate	1/28/2017	Phosphine	0.016	0.021	JH
Bathroom 2	PH3-BTH2-28012017-81	Field Sample	1/28/2017	Phosphine	0.016	<0.016	ND
* Blank	PH3-FB-28012017-85	Field Blank	1/28/2017	Phosphine			JH
HVAC	PH3-HVAC-28012017-81	Field Sample	1/28/2017	Phosphine	0.016	0.024	JH
Kitchen	PH3-KTCH-28012017-81	Field Duplicate	1/28/2017	Phosphine	0.016	0.017	JH
Laundry	PH3-LAUN-28012017-81	Field Sample	1/28/2017	Phosphine	0.016	0.021	JH
Living Room	PH3-LR-28012017-81	Field Sample	1/28/2017	Phosphine	0.016	0.017	JH

ppm = parts per million
ND = Non detect, could not detect below the laboratory Reporting Limit (RL)
JH = The result is an estimated quantity, but the result may be biased high.

Notes:
The laboratory Reporting Limit (RL) ~~was~~ is 5.5 µg phosphorus/sample, which is converted to 0.016 ppm when accounting for the volume of air in the sample (240 L).

Laboratory Blank:
Phosphorus (6.15 µg/sample) was detected above the laboratory Reporting Limit (RL) in the Laboratory Media Blank (LMB). Therefore, detected phosphine results in all samples are qualified as estimated JH (biased high). The results cannot be converted to ppm as no air volume was collected per OSHA Method 1003.

* Field Blank:
Field blank sample, PH3-FB-28012017-85, had a detection for ~~phosphine~~ phosphorus (6.6 µg/sample). ~~There was a laboratory Reporting Limit (RL) of 5.5 µg phosphorus/sample however, this cannot be converted to ppm as no volume of air was collected. The blank did contain phosphorus so the data qualifier is JH (biased high).~~ which was above the laboratory reporting Limit (RL) of 5.5 µg phos/sample. Therefore, detected phosphine results in all samples are qualified as estimated JH (biased high).

The lab was unable to achieve the detection limit of 0.00935 ppm specified in the OSHA Method 1003.
The ~~results cannot~~ Field Blank results cannot be converted to ppm as no air Volume was collected per OSHA Method 1003

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