

**Summary**

**Silver Lakes Middle  
TfS IAQ Walkthrough  
4-22-2008**

Temp 76.8 RH 58.1 CO2 401

<b>FISH</b>	<b>Question</b>	<b>Answer</b>	<b>Recommendation</b>	<b>RP</b>
101	Temp 74.7	RH 60.5	CO2 536	
	Room is free of smell of mold or mildew?	No microbial growth identified. No odor identified at the time of assessment.		
	Classroom is free of significant temperature shifts?	Humidity was slightly elevated at the time of assessment.  Temperature was acceptable at the time of assessment.  Ceiling tiles broken, damaged or missing.	Physical Plant Operations to evaluate HVAC system for proper operation and repair as appropriate to lower humidity level.	PPO
		Dust observed on return register at the time of assessment.	Facilities serviceperson to replace ceiling tiles.  Facilities serviceperson to thoroughly clean and sanitize with District approved germicidal cleaner.	Site  Site
101B	Temp 74.3	RH 61.3	CO2 546	
	Air supply/return registers are cleaned regularly and free of dust and debris accumulation?	Supply vents closed at the time of assessment.	Facilities serviceperson to open supply vents.	Site
		Humidity was slightly elevated at the time of assessment.	Physical Plant Operations to evaluate HVAC system for proper operation and repair as appropriate to lower humidity level.	PPO
121A	Temp 74.5	RH 60.7	CO2 535	

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FISH	Question	Answer	Recommendation	RP
	Room is free of smell of mold or mildew?	No microbial growth identified. No odor identified at the time of assessment. Book smell noticeable in room.		
	Windows, windowsills and window frames free of continuous condensation?	No windows in room.		
	Classroom is dusted/vacuumed thoroughly and regularly?	Excessive dust accumulation was observed on environmental surfaces (cabinets and ledges) at the time of assessment.	Site based administration should address general cleanliness with facility serviceperson staff.	Site
	Other exhaust fans that may exist in the classroom are functioning properly?	No exhaust fans in room. Identified in error.		
	Temperature in my classroom is generally comfortable (72F-78F)?	Temperature was acceptable at the time of assessment.		
	Classroom is free of significant temperature shifts?	Temperature was acceptable at the time of assessment.		
	Humidity is generally acceptable? (Typically too high if higher than 60% relative humidity [RH] or too low if lower than 30% RH.)	Humidity was slightly elevated at the time of assessment.	Physical Plant Operations to evaluate HVAC system for proper operation and repair as appropriate to lower humidity level.	PPO
	Room is usually comfortable? (If no, please explain in the notes below.)	Environmental parameters were not within acceptable range at the time of assessment.. Dust observed on supply and return registers at the time of assessment.	See previous recommendation. Facilities serviceperson to thoroughly clean and sanitize with District approved germicidal cleaner.	Site
121B	Temp 74	RH 61.3	CO2 826	

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<b>FISH</b>	<b>Question</b>	<b>Answer</b>	<b>Recommendation</b>	<b>RP</b>
	You are informed about the potential allergies of your students?	This is a general issue requiring approved communication among all stakeholders.	Site based administration is encouraged to communicate all known student allergies to the appropriate personnel in order to modify classroom activities/conditions when necessary.	Site
	Activities and/or room conditions are modified to address student allergies?	This is a general issue requiring approved communication among all stakeholders.	Site based administration is encouraged to communicate all known student allergies to the appropriate personnel in order to modify classroom activities/conditions when necessary.	Site
		Humidity was slightly elevated at the time of assessment.	Physical Plant Operations to evaluate HVAC system for proper operation and repair as appropriate to lower humidity level.	PPO
		Slight dust accumulation was observed on environmental surfaces (ledges) at the time of assessment.	Site based administration should address general cleanliness with facility serviceperson staff.	Site
132	Temp 74.4	RH 61.7	CO2 985	

	You are informed about the potential allergies of your students?	This is a general issue requiring approved communication among all stakeholders.	Site based administration is encouraged to communicate all known student allergies to the appropriate personnel in order to modify classroom activities/conditions when necessary.	Site
	Windows/doors are operable and are kept closed?	Windows and doors are operable and are kept closed.		
	Water poured down floor drains once per week (approx. 1 quart of water).	No floor drain in room.		

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FISH	Question	Answer	Recommendation	RP
	Water run in sinks at least once per week (about 2 cups of water).	It appears as though sink is utilized regularly. No sewer gas odor detected. By running water regularly it eliminates the potential for sewer gas odors.		
	Ceiling tiles or walls free of leaks and/or discoloration (discoloration may indicate periodic leaks)?	Ceiling tiles damaged or stained and require cut.	Physical Plant Operations to replace ceiling tiles as appropriate.	PPO
	Classroom is dusted/vacuumed thoroughly and regularly?	Excessive dust accumulation was observed on environmental surfaces at the time of assessment.	Site based administration should address general cleanliness with facility serviceperson staff.	Site
	Air supply/return registers are cleaned regularly and free of dust and debris accumulation?	Dust observed on supply and return registers at the time of assessment.	Facilities serviceperson to thoroughly clean and sanitize with District approved germicidal cleaner.	Site
	Indoor classroom activities do not cause problems with excessive fumes? (If no, please explain in notes section)	No exhaust system/ventilation in room. Identified in error.		
		Humidity was slightly elevated at the time of assessment.	Physical Plant Operations to evaluate HVAC system for proper operation and repair as appropriate to lower humidity level.	PPO
		Faucet is in need of repair.	Physical Plant Operations to evaluate and repair as appropriate.	PPO
		Non-approved chemicals, scented cleaners or air fresheners found at the time of assessment. Unlabeled jars.	Facilities serviceperson to remove all non-approved chemicals, scented cleaners or air fresheners from the room.	Site
144	Temp 74.7	RH 61.3	CO2 1477	

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	You are informed about the potential allergies of your students?	This is a general issue requiring approved communication among all stakeholders.	Site based administration is encouraged to communicate all known student allergies to the appropriate personnel in order to modify classroom activities/conditions when necessary.	Site
	Classroom is dusted/vacuumed thoroughly and regularly?	Excessive dust accumulation was observed on environmental surfaces at the time of assessment.	Site based administration should address general cleanliness with facility serviceperson staff.	Site
	Temperature in my classroom is generally comfortable (72F-78F)?	Temperature was acceptable at the time of assessment.		
	Room is usually comfortable? (If no, please explain in the notes below.)	Environmental parameters were not within acceptable range at the time of assessment. CO2 level slightly elevated.	Physical Plant Operations to evaluate HVAC system for proper operation and repair as appropriate to CO2 level.	PPO
		Humidity was slightly elevated at the time of assessment.	Physical Plant Operations to evaluate HVAC system for proper operation and repair as appropriate to lower humidity level.	PPO
		Dust observed on return registers at the time of assessment.	Facilities serviceperson to thoroughly clean and sanitize with District approved germicidal cleaner.	Site
		Signs of water intrusion. Leak identified at East window.	Physical Plant Operations to evaluate for leaks and repair as appropriate and replace 6' x 4" marble window sill.	PPO
152	Temp 73.6	RH 62.6	CO2 1122	

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	You are informed about the potential allergies of your students?	This is a general issue requiring approved communication among all stakeholders.	Site based administration is encouraged to communicate all known student allergies to the appropriate personnel in order to modify classroom activities/conditions when necessary.	Site
	Air supply/return registers are cleaned regularly and free of dust and debris accumulation?	Dust observed on supply and return registers at the time of assessment.	Facilities serviceperson to thoroughly clean and sanitize with District approved germicidal cleaner.	Site
	Temperature in my classroom is generally comfortable (72F-78F)?	Temperature was acceptable at the time of assessment.		
		Humidity was slightly elevated at the time of assessment.	Physical Plant Operations to evaluate HVAC system for proper operation and repair as appropriate to lower humidity level.	PPO
	Room is usually comfortable? (If no, please explain in the notes below.)	Environmental parameters were not within acceptable range at the time of assessment..	See previous recommendation.	
		Wall at window is damaged.	Physical Plant Operations to evaluate and repair as appropriate.	PPO
		Dust and dirt accumulation on floor.	Facilities serviceperson to thoroughly clean and sanitize.	Site
		Ceiling tiles broken, damaged, stained/dirty or missing.	Facilities serviceperson to replace ceiling tiles.	Site
		Louvers on window are damaged.	Physical Plant Operations to evaluate and repair as appropriate.	PPO
154	Temp 73.2	RH 66.7	CO2 981	

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<b>FISH</b>	<b>Question</b>	<b>Answer</b>	<b>Recommendation</b>	<b>RP</b>
	Activities and/or room conditions are modified to address student allergies?	This is a general issue requiring approved communication among all stakeholders.	Site based administration is encouraged to communicate all known student allergies to the appropriate personnel in order to modify classroom activities/conditions when necessary.	Site
	Room is free of smell of mold or mildew?	No microbial growth identified. No odor identified at the time of assessment.		
	Windows, windowsills and window frames free of continuous condensation?	No condensation on windows at the time of assessment.		
	Indoor surfaces of exterior walls free of continuous condensation?	No visible condensation or signs of water intrusion identified at the time of assessment.		
	Ceiling tiles or walls free of leaks and/or discoloration (discoloration may indicate periodic leaks)?	No leaks or signs of water intrusion identified.		
	Air supply/return registers are cleaned regularly and free of dust and debris accumulation?	Dust observed on supply and return registers at the time of assessment.	Facilities serviceperson to thoroughly clean and sanitize with District approved germicidal cleaner.	Site
	Other exhaust fans that may exist in the classroom are functioning properly?	No exhaust fans in room. Identified in error.		
	Temperature in my classroom is generally comfortable (72F-78F)?	Temperature was acceptable at the time of assessment.		
	Classroom is free of significant temperature shifts?	Temperature was acceptable at the time of assessment.		
	Humidity is generally acceptable? (Typically too high if higher than 60% relative humidity [RH] or too low if lower than 30% RH.)	Humidity was slightly elevated at the time of assessment.	Physical Plant Operations to evaluate HVAC system for proper operation and repair as appropriate to lower humidity level.	PPO

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<b>FISH</b>	<b>Question</b>	<b>Answer</b>	<b>Recommendation</b>	<b>RP</b>
	Room is usually comfortable? (If no, please explain in the notes below.)	Environmental parameters were not within acceptable range at the time of assessment. Dust and dirt accumulation on floor.	See previous recommendation. Facilities serviceperson to thoroughly clean and sanitize.	Site
		Ceiling tiles broken, damaged, stained/dirty or missing.	Facilities serviceperson to replace ceiling tiles.	Site
		Excessive dust accumulation was observed on environmental surfaces at the time of assessment.	Site based administration should address general cleanliness with facility serviceperson staff.	Site
		Pests droppings observed at the time of assessment.	Physical Plant Operation to initiate work order to evaluate pest issue within location and take appropriate action.	PPO

159	Temp 72.3	RH 61.5	CO2 799	
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	Air flowing from air supply? Air is flowing without obstruction?	Air supply/return ventilation is functioning. Air flowing without obstruction at the time of assessments.		
	Ceiling tiles or walls free of leaks and/or discoloration (discoloration may indicate periodic leaks)? Other exhaust fans that may exist in the classroom are functioning properly?	Signs of water intrusion. Stained ceiling tiles. No exhaust fans in room. Identified in error.	Physical Plant Operations to evaluate for leaks and repair as appropriate and replace ceiling tiles as appropriate.	PPO
	Temperature in my classroom is generally comfortable (72F-78F)? Classroom is free of significant temperature shifts?	Temperature was acceptable at the time of assessment. Temperature was acceptable at the time of assessment.		



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<b>FISH</b>	<b>Question</b>	<b>Answer</b>	<b>Recommendation</b>	<b>RP</b>
	Humidity is generally acceptable? (Typically too high if higher than 60% relative humidity [RH] or too low if lower than 30% RH.)	Humidity was slightly elevated at the time of assessment.	Physical Plant Operations to evaluate HVAC system for proper operation and repair as appropriate to lower humidity level.	PPO
	Room is usually comfortable? (If no, please explain in the notes below.)	Environmental parameters were not within acceptable range at the time of assessment..	See previous recommendation.	
		Excessive dust accumulation was observed on environmental surfaces at the time of assessment.	Site based administration should address general cleanliness with facility serviceperson staff.	Site
		Dust observed on supply and return registers at the time of assessment.	Facilities serviceperson to thoroughly clean and sanitize with District approved germicidal cleaner.	Site

161	Temp 74.9	RH 61.5	CO2 844	
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	You are informed about the potential allergies of your students?	This is a general issue requiring approved communication among all stakeholders.	Site based administration is encouraged to communicate all known student allergies to the appropriate personnel in order to modify classroom activities/conditions when necessary.	Site
	Windows/doors are operable and are kept closed?	Window sill broken at the time of assessment.	Physical Plant Operations to evaluate and repair as appropriate.	PPO
	Temperature in my classroom is generally comfortable (72F-78F)?	Temperature was acceptable at the time of assessment.		
	Classroom is free of significant temperature shifts?	Temperature was acceptable at the time of assessment.		
	Humidity is generally acceptable? (Typically too high if higher than 60% relative humidity [RH] or too low if lower than 30% RH.)	Humidity was slightly elevated at the time of assessment.	Physical Plant Operations to evaluate HVAC system for proper operation and repair as appropriate to lower humidity level.	PPO

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<b>FISH</b>	<b>Question</b>	<b>Answer</b>	<b>Recommendation</b>	<b>RP</b>
		Excessive dust accumulation was observed on environmental surfaces at the time of assessment.	Site based administration should address general cleanliness with facility serviceperson staff.	Site
		Dust observed on supply and return registers at the time of assessment.	Facilities serviceperson to thoroughly clean and sanitize with District approved germicidal cleaner.	Site
		Dust and dirt accumulation on floor.	Facilities serviceperson to thoroughly clean and sanitize.	Site
		Non-approved chemicals, scented cleaners or air fresheners found at the time of assessment.	Facilities serviceperson to remove all non-approved chemicals, scented cleaners or air fresheners from the room.	Site
		Visible damage to wall at window by door.	Physical Plant Operations to evaluate and repair as appropriate.	PPO

166	Temp 74.1	RH 61.8	CO2 822	
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	You are informed about the potential allergies of your students?	This is a general issue requiring approved communication among all stakeholders.	Site based administration is encouraged to communicate all known student allergies to the appropriate personnel in order to modify classroom activities/conditions when necessary.	Site
	Activities and/or room conditions are modified to address student allergies?	This is a general issue requiring approved communication among all stakeholders.	Site based administration is encouraged to communicate all known student allergies to the appropriate personnel in order to modify classroom activities/conditions when necessary.	Site
	Air flowing from air supply?	Air supply/return ventilation is functioning. However, loud whistling sound is emanating from the duct.	Physical Plant Operations to evaluate and repair as appropriate.	PPO

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FISH	Question	Answer	Recommendation	RP
	Air is flowing without obstruction?	Air flowing without obstruction at the time of assessment.		
	Windows/doors are operable and are kept closed?	Window sill missing at the time of assessment.	Physical Plant Operations to evaluate and repair as appropriate.	PPO
	Room is free of smell of mold or mildew?	No microbial growth identified. No odor identified at the time of assessment.		
	Air supply/return registers are cleaned regularly and free of dust and debris accumulation?	Dust observed on supply and return registers at the time of assessment.	Facilities serviceperson to thoroughly clean and sanitize with District approved germicidal cleaner.	Site
	Room is free of pests?	No pests observed at the time of assessment. However, dead bugs in lens covers.	Facilities serviceperson to thoroughly clean and sanitize.	Site
	Floor is cleaned on a regular basis?	Dust and dirt accumulation on floor.	Facilities serviceperson to thoroughly clean and sanitize.	Site
	Other exhaust fans that may exist in the classroom are functioning properly?	No exhaust fans in room. Identified in error.		
		Dust and dirt accumulation on floor.	Facilities serviceperson to thoroughly clean and sanitize.	Site
		Excessive dust accumulation was observed on environmental surfaces at the time of assessment.	Site based administration should address general cleanliness with facility serviceperson staff.	Site
		Humidity was slightly elevated at the time of assessment.	Physical Plant Operations to evaluate HVAC system for proper operation and repair as appropriate to lower humidity level.	PPO
308	Temp 75.5	RH 63.3	CO2 937	

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	Activities and/or room conditions are modified to address student allergies?	This is a general issue requiring approved communication among all stakeholders.	Site based administration is encouraged to communicate all known student allergies to the appropriate personnel in order to modify classroom activities/conditions when necessary.	Site
	Room is free of smell of mold or mildew?	No microbial growth identified. No odor identified at the time of assessment.		
	Classroom is dusted/vacuumed thoroughly and regularly?	Slight dust accumulation was observed on environmental surfaces at the time of assessment.	Site based administration should address general cleanliness with facility serviceperson staff.	Site
	Air supply/return registers are cleaned regularly and free of dust and debris accumulation?	Dust observed on supply register at the time of assessment.	Facilities serviceperson to thoroughly clean and sanitize with District approved germicidal cleaner.	Site
	Floor is cleaned on a regular basis?	Floor was clean at the time of assessment.		
	Other exhaust fans that may exist in the classroom are functioning properly?	No exhaust fans in room. Identified in error.		
	Temperature in my classroom is generally comfortable (72F-78F)?	Temperature was acceptable at the time of assessment.		
	Classroom is free of significant temperature shifts?	Temperature was acceptable at the time of assessment.		
	Humidity is generally acceptable? (Typically too high if higher than 60% relative humidity [RH] or too low if lower than 30% RH.)	Humidity was slightly elevated at the time of assessment.	Physical Plant Operations to evaluate HVAC system for proper operation and repair as appropriate to lower humidity level.	PPO
	Room is usually comfortable? (If no, please explain in the notes below.)	Environmental parameters were not within acceptable range at the time of assessment..	See previous recommendation.	
		Supply register damaged, missing, or broken.	Physical Plant Operations to evaluate and repair as appropriate.	PPO

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<b>FISH</b>	<b>Question</b>	<b>Answer</b>	<b>Recommendation</b>	<b>RP</b>
		Ceiling tiles broken, damaged, stained/dirty or missing.	Physical Plant Operations to replace ceiling tiles as appropriate.	PPO
310	Temp 78.2	RH 62.1	CO2 1032	
	Air supply/return registers are cleaned regularly and free of dust and debris accumulation?  Room is free of pests?	Dust observed on supply register at the time of assessment.  No pests observed at the time of assessment. Environmental parameters were not within acceptable range at the time of assessment..	Facilities serviceperson to thoroughly clean and sanitize with District approved germicidal cleaner.  Physical Plant Operations to evaluate HVAC system for proper operation and repair as appropriate to lower humidity and temperature.	Site  PPO
		Excessive dust accumulation was observed on environmental surfaces at the time of assessment.	Site based administration should address general cleanliness with facility serviceperson staff.	Site
325	Temp 80.9	RH 66.7	CO2 382	
	You are informed about the potential allergies of your students?	This is a general issue requiring approved communication among all stakeholders.	Site based administration is encouraged to communicate all known student allergies to the appropriate personnel in order to modify classroom activities/conditions when necessary.	Site
	Room is free of smell of kitchen/food?	Odor detected at the time of assessment. Room is adjacent to kitchen and/or home economics room.	Facilities serviceperson to evaluate cause of odor and inspect exhaust fans/fume hoods for proper operation.	Site
	Cold water pipes free of continuous condensation?  Room is free of pests?	No condensation on pipes at the time of assessment.  No pests observed at the time of assessment.		

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FISH	Question	Answer	Recommendation	RP
	Temperature in my classroom is generally comfortable (72F-78F)?	No A/C - Locker Room		
	Classroom is free of significant temperature shifts?	No A/C - Locker Room		
	Room is free of the introduction of outdoor air? (Gaps in window/door frames.)	No gaps in windows or doors identified at the time of assessment.		
	Humidity is generally acceptable? (Typically too high if higher than 60% relative humidity [RH] or too low if lower than 30% RH.)	Humidity was slightly elevated at the time of assessment. No A/C - Locker Room.	Physical Plant Operations to evaluate fresh air flow and adjust as appropriate.	PPO
	Room is usually comfortable? (If no, please explain in the notes below.)	No A/C. Temperature and humidity were slightly elevated.	See previous recommendation.	