## Silver Palms Elementary IAQ Walkthrough 5/23/2005

**Outside Temp** 87.3 **RH%** 61.3 **CO2** 462

FISH/Room			Par	ticipant (	Comment	s	Response	Recommendation	Responsible	Priority
101N	Тетр	71.5	RH%	59.0	CO2	679	Occupants:			
GENERAL CLEA Classroom is dus	ANLINESS sted/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 Based	2
101X	Temp	71.7	RH%	56.8	CO2	699	Occupants:			
GENERAL CLEA Air supply/return dust and debris a	n registers are cleaned regularly and free of						Dust observed on supply/return registers at the time of assessment.	Site based administration should address general cleanliness with facility serviceperson staff.	Site Based	2
102	Temp	77.6	RH%	65.7	CO2	889	Occupants:			
THERMAL COM	<b>MFORT</b>									
Classroom is free	e of significant temperature shifts?		too hot or	too cold			Temperature was elevated at the time of assessment.	Site based administration to encourage facility serviceperson staff to adjust the thermostat. Continue to monitor condition and initiate a work order for Physical Plant Operations to evaluate the HVAC system if temperature does not improve.	Site Based	2
Room is usually notes below.)	comfortable? (If no, please explain in the		too hot or	too cold			Temperature was elevated at the time of assessment.	Site based administration to encourage facility serviceperson staff to adjust the thermostat. Continue to monitor condition and initiate a work order for Physical Plant Operations to evaluate the HVAC system if temperature does not improve.	Site Based	2
Walkthrough							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 Based	2

FISH/I	Room	Participant Comments	Response	Recommendation	Responsible	Priority
109	Тетр	79.3 <b>RH%</b> 61.7 <b>CO2</b> 1101	Occupants:			
	ANIMALS IN THE CLASSROOM  Activities and/or room conditions are modified to address student allergies?			None	None	
	GENERAL CLEANLINESS					
	Room is free of pests?	f. Ants are sometimes a problem.	No pests observed at the time of assessment.	None	None	
	Classroom is dusted/vacuumed thoroughly and regularly?	f. Ants are sometimes a problem.	Dust and dirt accumulation on floor.	Site based administration should address general cleanliness with facility serviceperson staff.	Site Based	2
	THERMAL COMFORT					
	Temperature in my classroom is generally comfortable (72F-76F)?	a/e. room is frequently too cold	Temperature was elevated at the time of assessment.	Physical Plant Operations to evaluate HVAC system for proper operation and repair as appropriate to lower humidity level.	Physical Plant Operations	1
	Room is usually comfortable? (If no, please explain in the notes below.)	a/e. room is frequently too cold	Temperature was elevated at the time of assessment.	Site based administration to encourage facility serviceperson staff to adjust the thermostat. Continue to monitor condition and initiate a work order for Physical Plant Operations to evaluate the HVAC system if temperature does not improve.	Site Based	2
112	Temp	73.6 <b>RH%</b> 48.6 <b>CO2</b> 884	Occupants:			
	LOCAL EXHAUST FANS					
	Bathroom exhaust fan is functioning properly?		Bathroom exhaust fan is not functioning properly.	Physical Plant Operations to evaluate and repair as appropriate.	Physical Plant Operations	2
	Walkthrough					
			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 Based	2
113	Тетр	72.4   <b>RH%</b>   48.5   <b>CO2</b>   930	Occupants:			
	GENERAL CLEANLINESS					
	Air supply/return registers are cleaned regularly and free of dust and debris accumulation?		Dust observed on supply/return registers at the time of assessment.	Site based administration should address general cleanliness with facility serviceperson staff.	Site Based	2
	THERMAL COMFORT					
	Room is usually comfortable? (If no, please explain in the notes below.)	MY CLASSROOM IS ALWAYS FREEZING COLD.	Temperature was acceptable at the time of assessment.	None	None	

FISH/I	Room		Pa	rticipant	Commen	ts	Response	Recommendation	Responsible	Priority
113	Тетр	72.4	RH%	48.5	CO2	930	Occupants:			
	Temperature in my classroom is generally comfortable (72F-76F)?		MY CLA FREEZIN		S ALWAYS		Temperature was acceptable at the time of assessment.	None	None	
	Walkthrough						Return grill broken.	Physical Plant Operations to evaluate and repair/replace as appropriate.	Physical Plant Operation	s 2
116	Temp	71.8	RH%	53.4	CO2 [	1367	Occupants: 24			
	GENERAL CLEANLINESS Room is free of pests?						No pests observed at the time of assessment.	None	None	
	Walkthrough						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 Based	2
118	Тетр	70.1	RH%	53.3	CO2 [	1401	Occupants:			
	EXCESS MOISTURE IN CLASSROOMS									
	Classroom lavatories/water fountains free of leaks?						Faucet on sink loose.	Physical Plant Operations to evaluate and repair/replace as appropriate.	Physical Plant Operation	s 2
	THERMAL COMFORT									
	Room is usually comfortable? (If no, please explain in the notes below.)		It is gener worn to k		ad a sweater 1	must be	Temperature was low at the time of assessment.	Site based administration to encourage facility serviceperson staff to adjust the thermostat. Continue to monitor condition and initiate a work order for Physical Plant Operations to evaluate the HVAC system if temperature does not improve.	Site Based	2
	Temperature in my classroom is generally comfortable (72F-76F)?		It is gener worn to k		nd a sweater i	must be	Temperature was low at the time of assessment.	Site based administration to encourage facility serviceperson staff to adjust the thermostat. Continue to monitor condition and initiate a work order for Physical Plant Operations to evaluate the HVAC system if temperature does not improve.	Site Based	2
	Walkthrough									
							Dust and debris on ceiling tiles.	Site based administration should address general cleanliness with facility serviceperson staff.	Site Based	2

FISH/Room	Participant Comments	Response	Recommendation	Responsible P	riority
118 Temp 70.	RH% 53.3 CO2 1401	Occupants:  Dust observed on supply/return registers at the time of assessment.	Site based administration should address general cleanliness with facility	Site Based	2
119 Temp 71.	RH% 54.5 CO2 1641	Occupants:	serviceperson staff.		
GENERAL CLEANLINESS Room is free of pests?		No pests observed at the time of assessment.	None	None	
Room is free of the use of scented cleaners and air fresheners?		No scented cleaners, air fresheners or non- approved chemicals found at the time of assessment.	None	None	
LOCAL EXHAUST FANS  Bathroom exhaust fan is functioning properly?		Bathroom exhaust fan is not functioning properly.	Physical Plant Operations to evaluate and repair as appropriate.	Physical Plant Operations	2
THERMAL COMFORT  Room is usually comfortable? (If no, please explain in the notes below.)		Temperature was low at the time of assessment.	Site based administration to encourage facility serviceperson staff to adjust the thermostat. Continue to monitor condition and initiate a work order for Physical Plant Operations to evaluate the HVAC system if temperature does not improve.	Site Based	2
Temperature in my classroom is generally comfortable (72F-76F)?		Temperature was low at the time of assessment.	Site based administration to encourage facility serviceperson staff to adjust the thermostat. Continue to monitor condition and initiate a work order for Physical Plant Operations to evaluate the HVAC system if temperature does not improve.	Site Based	2
Classroom is free of significant temperature shifts?		Temperature was low at the time of assessment.	Site based administration to encourage facility serviceperson staff to adjust the thermostat. Continue to monitor condition and initiate a work order for Physical Plant Operations to evaluate the HVAC system if temperature does not improve.	Site Based	2
120 Temp 71.	B RH% 57.5 CO2 1458	Occupants:			
GENERAL CLEANLINESS  Air supply/return registers are cleaned regularly and free of dust and debris accumulation?		Dust observed on supply/return registers at the time of assessment.	Site based administration should address general cleanliness with facility serviceperson staff.	Site Based	2

FISH/	Room			Par	ticipant (	Comment	s	Response	Recommendation	Responsible	Priority
120		Temp	71.8	RH%	57.5	CO2	1458	Occupants:			
	Room is free of pests?							No pests observed at the time of assessment.	None	None	
	Walkthrough										
								Bathroom exhaust fan is not functioning properly.	Physical Plant Operations to evaluate and repair as appropriate.	Physical Plant Operations	s 1
123		Temp	71.6	RH%	52.4	CO2	1599	Occupants:			
	EXCESS MOISTURE IN CLASSROOMS	}									
	Area around and under classroom sinks free of le	eaks?						Faucet loose on sink.	Physical Plant Operations to evaluate and repair as appropriate.	Physical Plant Operation	s 2
	Classroom lavatories/water fountains free of leaf	ks?						Tighten faucet neck.	Site based administration should address maintenance of sinks with facility serviceperson staff.	Site Based	2
	GENERAL CLEANLINESS										
	Air supply/return registers are cleaned regularly dust and debris accumulation?	and free of						Dust observed on supply/return registers at the time of assessment.	Site based administration should address general cleanliness with facility serviceperson staff.	Physical Plant Operation	s 2
	Walkthrough										
								Bathroom exhaust fan is not functioning properly.	Physical Plant Operations to evaluate and repair as appropriate.	Physical Plant Operations	s 2
124		Temp	73	RH%	58.2	CO2	1750	Occupants:			
	EXCESS MOISTURE IN CLASSROOMS	}									
	Classroom lavatories/water fountains free of leal	ks?						No lavatories/water fountains in room.	None	None	
	Windows, windowsills and window frames free condensation?	of continuo	us					Condensation on windows at the time of assessment. Temperature was within acceptable range and no leaks were identified.	Physical Plant Operations to evaluate and repair as appropriate.	Physical Plant Operation	s 1
	Area around and under classroom sinks free of le	eaks?							None	None	
	THERMAL COMFORT										
	Classroom is free of significant temperature shift	its?						Temperature was acceptable at the time of assessment.	None	None	

FISH/I	H/Room			Part	icipant C	omments	}	Response	Recommendation	Responsible	Priority
125	Tem	p	73.2	RH%	58.7	CO2	1288	Occupants:			
	DRAIN TRAPS IN THE CLASSROOM  Water run in sinks at least once per week (about 2 cups of water).	of						It appears as though water is poured down the floor drain at least once a week.	None	None	
	THERMAL COMFORT  Humidity is generally acceptable? (Typically too high if than 60% relative humidity [RH] or too low if lower than RH.)							Humidity was acceptable at the time of assessment.	None	None	
144	Tem	p	72.7	RH%	51.3	CO2	1357	Occupants:			
	EXCESS MOISTURE IN CLASSROOMS Classroom lavatories/water fountains free of leaks?							No lavatories/water fountains in room.	None	None	
	GENERAL CLEANLINESS Room is free of pests?							No pests observed at the time of assessment.	None	None	
	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 Based	2
	Walkthrough										
	· ·							Dust observed on supply/return registers at the time of assessment.	Site based administration should address general cleanliness with facility serviceperson staff.	Site Based	2
								Stained ceiling tiles.	Facilities serviceperson to replace stained ceiling tiles.	Site Based	2
152	Temp	p	70.9	RH%	48.9	CO2	1020	Occupants:			
	THERMAL COMFORT										
	Temperature in my classroom is generally comfortable (776F)?	72F-		My class is it can be und time the sys repairs.	comfortable	for the stude	ents. At	Temperature was low at the time of assessment.	Site based administration to encourage facility serviceperson staff to adjust the thermostat. Continue to monitor condition and initiate a work order for Physical Plant Operations to evaluate the HVAC system if temperature does not improve.	Site Based	2

FISH/R	oom		Parti	cipant C	ommen	ts	Response	Recommendation	Responsible	Priority
152	Тетр	70.9	RH%	48.9	CO2	1020	Occupants:			
	Room is usually comfortable? (If no, please explain in the notes below.)		My class is a it can be unc time the syst repairs.	omfortable	for the stu	dents. At	Temperature was low at the time of assessment.	Site based administration to encourage facility serviceperson staff to adjust the thermostat. Continue to monitor condition and initiate a work order for Physical Plant Operations to evaluate the HVAC system if temperature does not improve.	Site Based	2
	Room is free of the introduction of outdoor air? (Gaps in window/door frames.)		My class is a it can be unc time the syst repairs.	omfortable	for the stu	dents. At	No gaps in windows or doors identified at the time of assessment.	None	None	
	Classroom is free of significant temperature shifts?		My class is a it can be unc time the syst repairs.	omfortable	for the stu	dents. At	Temperature was low at the time of assessment.	Site based administration to encourage facility serviceperson staff to adjust the thermostat. Continue to monitor condition and initiate a work order for Physical Plant Operations to evaluate the HVAC system if temperature does not improve.	Site Based	2
157	Temp	72.4	RH%	56.4	CO2	1134	Occupants:			
	ART SUPPLIES									
	Art supplies okay?						No art supplies in room. Room not being used as an art room.	None	None	
	Industrial supplies okay?						No industrial supplies in room. Room not being used as an industrial room.	None	None	
	Science supplies okay?						No science supplies in room. Room not being used as a science room.	None	None	
	GENERAL CLEANLINESS									
	Room is free of pests?						No pests observed at the time of assessment.	None	None	
	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 Based	2
	Floor is cleaned on a regular basis?						Floor was clean at the time of assessment.	None	None	
	THERMAL COMFORT									
	Temperature in my classroom is generally comfortable (72F-76F)?						Temperature was acceptable at the time of assessment.	None	None	
	Walkthrough									
							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 Based	2

FISH/	H/Room		Participant Comments			s	Response	Recommendation	Responsible Priority		
157	Те	emp	72.4	RH%	56.4	CO2 [	1134	Occupants:  Stained ceiling tiles.	Facilities serviceperson to replace stained ceiling tiles.	Site Based	2
161	Te DRAIN TRAPS IN THE CLASSROOM	emp	72.9	RH%	51.2	CO2 [	1196	Occupants:			
	Water poured down floor drains once per week (approquart of water).	ox. 1						It appears as though water is poured down the floor drain at least once a week.	None	None	
	Water run in sinks at least once per week (about 2 cup water).	os of						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.	None	None	
	Walkthrough							Dust observed on supply/return registers at the time of assessment.	Site based administration should address general cleanliness with facility serviceperson staff.	Site Based	2
								Bathroom exhaust fan is not functioning properly.	Physical Plant Operations to evaluate and repair as appropriate.	Physical Plant Operation	s 2
169	Te	emp	71.6	RH%	52.0	CO2	1140	Occupants:			
	GENERAL CLEANLINESS Room is free of pests?							No pests observed at the time of assessment.	None	None	
	LOCAL EXHAUST FANS  Bathroom exhaust fan is functioning properly?							Bathroom exhaust fan is not functioning properly.	Physical Plant Operations to evaluate and repair as appropriate.	Physical Plant Operation	s 2
171	Te	emp	75	RH%	41.1	CO2	1200	Occupants:			
	THERMAL COMFORT  Humidity is generally acceptable? (Typically too high than 60% relative humidity [RH] or too low if lower t RH.)	n if highe Than 30%	er o	unless i run the air is to and cool in door but he	n the lights a errible in this n the hallway	ast about eve at 1/2 and us s room, it can y or the class om which is	e 2 fans. n be nice ses next	Humidity was acceptable at the time of assessment.	None	None	

FISH/	Room	Participant Comments	Response	Recommendation	Responsible Priority
171	<b>Temp</b> 7.	5 <b>RH%</b> 41.1 <b>CO2</b> 1200	Occupants:		
	Room is usually comfortable? (If no, please explain in the notes below.)	This room is too hot just about every day unless i run the lights at 1/2 and use 2 fans. the air is terrible in this room, it can be nice and cool in the hallway or the classes next door but hot in this room which is used as a computer lab. It is genera	Temperature was acceptable at the time of assessment.	None	None
	Temperature in my classroom is generally comfortable (72F-76F)?	This room is too hot just about every day unless i run the lights at 1/2 and use 2 fans. the air is terrible in this room, it can be nice and cool in the hallway or the classes next door but hot in this room which is used as a computer lab. It is genera	Temperature was acceptable at the time of assessment.	None	None
	Classroom is free of significant temperature shifts?	This room is too hot just about every day unless i run the lights at 1/2 and use 2 fans. the air is terrible in this room, it can be nice and cool in the hallway or the classes next door but hot in this room which is used as a computer lab. It is genera	Temperature was acceptable at the time of assessment.	None	None
172	<b>Temp</b> 73	.4 <b>RH%</b> 53.6 <b>CO2</b> 1353	Occupants:		
	GENERAL CLEANLINESS				
	Room is free of pests?		No pests observed at the time of assessment.	None	None
	THERMAL COMFORT				
	Room is usually comfortable? (If no, please explain in the notes below.)	usually freezing	Temperature was acceptable at the time of assessment.	None	None
	Temperature in my classroom is generally comfortable (72F-76F)?	usually freezing	Temperature was acceptable at the time of assessment.	None	None
174	<b>Temp</b> 73	.0 <b>RH%</b> 54.2 <b>CO2</b> 1402	Occupants:		
	AIR CONDITIONING				
	Air flowing from air supply?	The AC unit sometimes goes down. The room gets extermly hot and the students are unable to work in the hot conditions.	Air flowing without obstruction at the time of assessments.	None	None
	EXCESS MOISTURE IN CLASSROOMS				
	Cold water pipes free of continuous condensation?		No condensation on pipes at the time of assessment.	None	None
	Windows, windowsills and window frames free of continuous condensation?		No condensation on windows at the time of assessment.	None	None

FISH/	Room	Participant Comments	Response	Recommendation	Responsible	Priority
174	<b>Temp</b> 73.0	0 <b>RH%</b> 54.2 <b>CO2</b> 1402	Occupants:			_
	Indoor surfaces of exterior walls free of continuous condensation?		No condensation on walls or windows at the time of assessment.	None	None	
	GENERAL CLEANLINESS					
	Air supply/return registers are cleaned regularly and free of dust and debris accumulation?		Dust observed on supply/return registers at the time of assessment.	Site based administration should address general cleanliness with facility serviceperson staff.	Site Based	2
	Walkthrough					
			Stained ceiling tiles.	Facilities serviceperson to replace stained ceiling tiles.	Site Based	2
175	<b>Temp</b> 71	3 <b>RH%</b> 56.6 <b>CO2</b> 977	Occupants:			
	ANIMALS IN THE CLASSROOM					
	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 Based	3
	GENERAL CLEANLINESS					
	Room is free of pests?		No pests observed at the time of assessment.	None	None	
	Room is free of the use of scented cleaners and air fresheners?		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 Based	2
	Walkthrough					
			Stained ceiling tiles.	Facilities serviceperson to replace stained ceiling tiles.	Site Based	2
176	<b>Temp</b> 72	2 <b>RH%</b> 55.7 <b>CO2</b> 1384	Occupants:			
	ANIMALS IN THE CLASSROOM					
	Classroom is free of animals and pets?		No animals identified at the time of assessment.	None	None	
	GENERAL CLEANLINESS					
	Classroom is dusted/vacuumed thoroughly and regularly?	The air conditioner needs to be set on a setting which is comfortable. It is either too cold or too hot. There has not been a day in which the temperature has been normal.	Dust and dirt accumulation on floor.	Site based administration should address general cleanliness with facility serviceperson staff.	Site Based	2

FISH/Room	Participant Comments	Response	Recommendation	Responsible	Priority
176 Temp 72.2	RH% 55.7 CO2 1384	Occupants:			
Air supply/return registers are cleaned regularly and free of dust and debris accumulation?	The air conditioner needs to be set on a setting which is comfortable. It is either too cold or too hot. There has not been a day in which the temperature has been normal.	No dust observed on supply/return registers at the time of assessment.	None	None	
Room is free of pests?	The air conditioner needs to be set on a setting which is comfortable. It is either too cold or too hot. There has not been a day in which the temperature has been normal.	No pests observed at the time of assessment.	None	None	
THERMAL COMFORT					
Classroom is free of significant temperature shifts?	The temperature in my room has been as low as 68 and as high as 82.	Temperature was acceptable at the time of assessment. Occupant advised that temperature fluctuates.	Site based administration to encourage facility serviceperson staff to adjust the thermostat. Continue to monitor condition and initiate a work order for Physical Plant Operations to evaluate the HVAC system if temperature does not improve.	Site Based	2
Room is usually comfortable? (If no, please explain in the notes below.)	The temperature in my room has been as low as 68 and as high as 82.	Temperature was acceptable at the time of assessment.	None	None	
Temperature in my classroom is generally comfortable (72F-76F)?	The temperature in my room has been as low as 68 and as high as 82.	Temperature was acceptable at the time of assessment. Occupant advised that temperature fluctuates.	Site based administration to encourage facility serviceperson staff to adjust the thermostat. Continue to monitor condition and initiate a work order for Physical Plant Operations to evaluate the HVAC system if temperature does not improve.	Site Based	2
177 Temp 72.3	RH% 58.5 CO2 995	Occupants:			
LOCAL EXHAUST FANS					
Bathroom exhaust fan is functioning properly?		Bathroom exhaust fan is not functioning properly.	Physical Plant Operations to evaluate and repair as appropriate.	Physical Plant Operations	2
THERMAL COMFORT					
Classroom is free of significant temperature shifts?		Temperature was acceptable at the time of assessment.	None	None	
Walkthrough					
		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 Based	2

FISH/R	Coom	Participant Comments	Response	Recommendation	Responsible Priority
178	Тетр	71.9 <b>RH%</b> 56.0 <b>CO2</b> 1347	Occupants:		
	THERMAL COMFORT				
	Room is usually comfortable? (If no, please explain in the notes below.)	very cold most days	Temperature was acceptable at the time of assessment.	None	None
	Temperature in my classroom is generally comfortable (72F-76F)?	very cold most days	Temperature was acceptable at the time of assessment.	None	None
752	Тетр	73.2 <b>RH%</b> 60.4 <b>CO2</b> 808	Occupants:		
	AIR CONDITIONING				
	Room is free of smell of mold or mildew?		No odor detected at the time of assessment.	None	None
	EXCESS MOISTURE IN CLASSROOMS				
	Indoor surfaces of exterior walls free of continuous condensation?		Signs of water intrusion. Leak identified.	Physical Plant Operations to evaluate for leaks and repair as appropriate.	Physical Plant Operations 1
	Windows, windowsills and window frames free of continuous condensation?		No condensation on windows at the time of assessment.	None	None
	Walkthrough				
			Dust observed on supply/return registers at the time of assessment.	Site based administration should address general cleanliness with facility serviceperson staff.	Site Based 2