

	Category		Detail	Assessment Comments	Recommended Corrective Action
	Moisture, Leaks, and Spills	Asse	ssment Observation	Stained ceiling tile was observed in the corner of the office.	Maintenance needs to identify and correct source of tile staining. If it is determined leak has been previously addressed, replace stained tile.
	Moisture, Leaks, and Spills	Asse	ssment Observation	It was observed that the paint on the southand east walls is bubbling and discolored.	The Project Manager needs to evaluate the walls to assess need for remediation. If bubbling is the result of water intrusion, the PM also needs to ensure the current project at the location has adequately addressed problem.
	Roofing	Asse	ssment Observation	Several ceilings tiles were broken and/or misaligned.	Custodial staff needs to replace all broken ceiling tiles and adjust all misaligned tiles to ensure the integrity of the false ceiling plenum. If tiles need to be cut, location should intiate a workorder to speciality cut tiles.
108	75.6	50%			
108	Temp	<i>RH</i>	Co2		
	General Cleanliness	confii prope	m that the office area is cleaned	Excessive dust accumulation was observed on the date of assessment	Custodial staff should thorougly clean all environmental surfaces within classroom.
	Printing/Duplicating Equipment	Minin	nize staff and student exposure to ment.	Occupant indicated this item was identified in error.	No corrective action recommended at this time.
	Thermal Comfort		k comfort factors.	On the date of assessment, the temperature reading in this room was 75.6. Although this reading is slightly higher than other areas of the building, it is still within an acceptable range.	No corrective action recommended at this time.
	Thermal Comfort	Humi	dity level.	On the date of assessment, the	No corrective action recommended at this

If you have mechanical ventilation,

Determine how your classroom is

into the air return grille(s).

ventilated.

confirm that air is flowing from the room

relative humidity in this room was

50%. Given the 70% humidity reading from outside, this reading suggests the ventilation system is adequately dehumidifying the room.

from the room into the air return

register.

Smoke testing confirmed air is flowing

time.

time.

No corrective action recommended at this

Wednesday, June 29, 2005

Ventilation

Ventilation

	Category	Detail	Assessment Comments	Recommended Corrective Action
	Ventilation	If you have mechanical ventilation, confirm that air is flowing into the room from the air supply vent(s).	Smoke testing confirmed air is flowing into the room from the air supply register.	No corrective action recommended at this time.
25	77.7 Temp	49% <i>RH Co2</i>		
	Environmental Parameters		Temperature and relative humidity readings were within acceptable ranges on the date of assessment. Temperature in this room was slightly higher then other areas within building.	No corrective action recommended at this time.
	General Cleanliness	Check for pests.	Occupant reports she had an issue with ants; however, there is no current problem.	No corrective action recommended at this time.
	General Cleanliness	Confirm that the classroom is cleaned properly	There was light dust accumulation observed on environmental surfaces in this room.	Custodial staff should thorougly clean all environmental surfaces within classroom.
	Roofing	Assessment Observation	Ceiling tile around ventilation supply register is discolored.	Maintenance needs to ensure the source o discoloration is not associated with water intrusion, and replace ceiling tile.
	Thermal Comfort	Humidity level.	On the date of assessment, the relative humidity in this room was 49%. Given the 70% humidity reading from outside, this reading suggests the ventilation system is adequately dehumidifying the room.	No corrective action recommended at this time.
		Dust is a concern and difficult to keep room clean. I never checked as far as I know.	Flying bugs, etc. may be due to door open i	n back for temporary cafeteria. Humidity
30	77.8	53%		
	Temp	RH Co2		
	Environmental Parameters		On the date of assessment, the environmental parameters were within acceptable ranges.	No corrective action recommended at this time.
	Animals in the Classroom	Take special care with asthmatic or other sensitive students.	This item was identified in error.	No corrective action recommended at this time.

Category	Detail	Assessment Comments	Recommended Corrective Action
General Cleanliness	Confirm that the classroom is cleaned properly	There was light dust accumulation observed on environmental surfaces in this room.	Custodial staff should thorougly clean all environmental surfaces within classroom.
General Cleanliness	Assessment Observation	The inside of the cabinets under the sink need to be cleaned and sanitized.	The location should direct the appropriate staff to clean and sanitize inside the cabinets under the sink.
Local Exhaust Fans	Assessment Observation	The exhaust vent in the restroom does not appear to be functioning.	District Maintenance should initiate a work order to repair and/or replace the exhaust fan in this restroom.
Maintenance Supplies	Assessment Observation	Unauthorized cleaning chemicals were observed being stored under the sink.	The location should remove all unauthorized cleaning chemicals from this room.
Roofing	Assessment Observation	Ceiling tile around ventilation supply register is discolored.	Maintenance needs to ensure the source of discoloration is not associated with water intrusion, and replace ceiling tile.
Thermal Comfort	Humidity level.	The humidity was within an acceptable range on the date of assessment.	No corrective action recommended at this time.
Thermal Comfort	General items to watch for.	On the date of assessment the temperature was within an acceptable range.	No corrective action recommended at this time.
Ventilation	Check for unexplained odors.	This item was identified prior to the remediation within this room. There has not been a problem reported since completion of the project.	No corrective action recommended at this time.
Ventilation	If you have mechanical ventilation, confirm that air is flowing from the room into the air return grille(s).	Smoke testing confirmed air was flowing from the room into the return air register.	No corrective action recommended at this time.
Ventilation	If you have mechanical ventilation, confirm that air is flowing into the room from the air supply vent(s).	Smoke testing confirmed air was flowing into the room from the air supply vents.	No corrective action recommended at this time.
Ventilation	Assessment Observation	The filter in the return air register is dirty.	The location should direct the appropriate staff to replace the filter in the return air register.
	While teaching in this room I have had several stye students with unexplainable nose bleeds and head		e been in this room. I have also had
136 72.9	60%		
Тетр	RH Co2		

Category	Detail	Assessment Comments	Recommended Corrective Action
Environmental Parameter	rs	The temperature and relative humidity were within acceptable ranges on the date of assessment. Humidity was at the high end of the desired range.	The location should monitor humidity within this zone with the Andover Energy Management system. In the event the humidity in this area exceeds 60% for an extended period of time, the location should initiate a corrective workorder.
General Classroom Inform	nation Assessment Observation	The board which affixes the technology hub to the wall has a gap.	Maintenance needs to initiate a work order to caulk the gap between the mounting board and the drywall.
General Classroom Inform	nation Assessment Observation	The drywall joint tape is exposed above entry way to door. This appears to be associated with the remediation project in this classroom.	The Project Manager needs to request the contractor to address this "punchlist" item.
General Cleanliness	Check for pests.	No pests were observed in this room on the date of assessment.	No corrective action recommended at this time.
General Cleanliness	Confirm that the classroom is cleane properly	ed Dust accumulation was observed on environmental surfaces.	Custodial staff should thorougly clean all environmental surfaces within classroom.
Roofing	Assessment Observation	Ceiling tile around ventilation supply register is discolored.	Maintenance needs to ensure the source of discoloration is not associated with water intrusion, and replace ceiling tile.
Roofing	Assessment Observation	Several ceilings tiles were broken and/or missing.	Custodial staff needs to replace all broken ceiling tiles and adjust all misaligned tiles to ensure the integrity of the false ceiling plenum. If tiles need to be cut, location should intiate a workorder to speciality cut tiles.
Thermal Comfort	General items to watch for.	On the date of the assessment, the temperature reading in this room was 72.9. Although this is slightly lower than desired, the temperature is still within an acceptable range.	No corrective action recommended at this time.
Thermal Comfort	Humidity level.	The humidity in this room was 60% on the date of assessment. Although this is the upper threshold of the District's "goal" for humidity, the 70% outdoor humidity reading evidences the system is dehumidifying.	The location should monitor humidity within this zone with the Andover Energy Management system. In the event the humidity in this area exceeds 60% for an extended period of time, the location should initiate a corrective workorder.
Ventilation	If you have mechanical ventilation, confirm that air is flowing into the roo from the air supply vent(s).	Smoke testing confirmed air is flowing into the room from the air supply register.	No corrective action recommended at this time.
Ventilation	Check for unexplained odors.	An air freshener was observed in this room on the date of assessment. The only other dedtectable odor was attributed to new construction materials associated with the remediation project in this room.	The air freshener was removed during the assessment. No other action is recommended at this time.

	Category	Detail	Assessment Comments	Recommended Corrective Action
	Ventilation	Assessment Observation	During the assessment of this location, several teachers reported large amounts of mold had at one time been removed from the ventilation ductwork. Perception is that this issue was not checked for again during remediation of room.	Maintenance needs to initiate a work order to inspect supply and return ductwork for microbial activity. If there is no problem, it needs to be conveyed to the staff to alleviate this concern.
		This room is generally freezing and damp. It also s	mells like mold.	
137	73.4	59%		
	Temp	RH Co2		
	Environmental Parameters		The temperature and relative humidity were within acceptable ranges on the date of assessment.	No corrective action recommended at this time.
	Drain Traps in the Classroom	Drain traps, if present, can become a problem when the water in the drain trap evaporates due to infrequent use, allowing sewer gases to enter the room.	This item was identified in error. There are no drain traps located within this room.	No corrective action recommended at this time.
	Excess Moisture in Classrooms	Condensate (condensed water, or "fog") on cold surfaces.	There was no condensate observed on the date of assessment. It is believed this item was identified prior to the remediation of the room.	No corrective action recommended at this time.
	Flooring	Assessment Observation	Several broken floor tiles were observed along the baseboard in this room.	Maintenance needs to establish work order to address the broken floor tiles.
	General Classroom Information	Assessment Observation	The door sweep on the exterior door is cracked and allowing untreated air to enter the classroom.	Maintenance needs to establish work order to inspect and replace as needed the exterior door sweeps throughout this school.
	General Cleanliness	Clean spills promptly.	This item was identified prior to the remediation within this room. There has not been a water intrusion problem reported since completion of the project.	No corrective action recommended at this time.
	General Cleanliness	Check for pests.	Ants were observed near the outside door on the date of assessment.	Maintenance needs to establish work order to inspect room for pests and implement appropriate corrective action.
	General Cleanliness	Confirm that the classroom is cleaned properly	Dust accumulation was observed on environmental surfaces.	Custodial staff should thorougly clean all environmental surfaces within classroom.
	Local Exhaust Fans	General items.	This item was identified in error. Thereare no exhaust fans located in this classroom.	No corrective action recommended at this time.

	Category	Detail	Assessment Comments	Recommended Corrective Action
	Local Exhaust Fans	Confirm that fume hoods and local exhaust fans function properly.	This item was identified in error. There is no fume hood located in this classroom.	No corrective action recommended at this time.
	Roofing	Assessment Observation	Ceiling tile around ventilation supply register is discolored.	Maintenance needs to ensure the source of discoloration is not associated with water intrusion, and replace ceiling tile.
	Thermal Comfort	Humidity level.	The humidity was 59% at the time of assessment. The desired humidity level is below 60%.	No corrective action recommended at this time.
	Thermal Comfort	General items to watch for.	The temperature was within an acceptable range on the date of assesment.	No corrective action recommended at this time.
	Ventilation	Determine how your classroom is ventilated.	The only issue regarding ventilation is addressed in the comment involving air supply.	See recommended action for air supply register.
	Ventilation	Check for unexplained odors.	There was no odor observed on the date of assessment.	No corrective action recommended at this time.
	Ventilation	If you have mechanical ventilation, confirm that air is flowing from the room into the air return grille(s).	Air was not flowing regularly from one of the air supply registers. Smoke testing confirmed the others were functioning.	Maintenance needs to establish work order to evaluate why air is not flowing from the one air supply register.
38	77.2	49%		
	Temp	RH Co2		

Environmental Parameters		On the date of assessment, the temperature and humidity readings were within acceptable ranges.	No corrective action recommended at this time.
Excess Moisture in Classrooms	Condensate (condensed water, or "fog") on cold surfaces.	Teacher occupant reported there has not been a problem with condensate since the completion of the remediation in this classroom.	No corrective action recommended at this time.
Excess Moisture in Classrooms	Check for leaks or signs of moisture from plumbing or roofs.	Teacher occupant reports there have been no leaks since the completion of remediation within this classroom.	No corrective action recommended at this time.
General Classroom Information	Assessment Observation	The door sweep on the exterior door is cracked and allowing untreated air to enter the classroom.	Maintenance needs to establish work order to inspect and replace as needed the exterior door sweeps throughout this school.
General Cleanliness	Check for pests.	No pests were observed on the date of assessment.	No corrective action recommended at this time.

	Category	Detail	Assessment Comments	Recommended Corrective Action
	General Cleanliness	Confirm that the classroom is cleaned properly	Dust accumulation was observed on environmental surfaces.	Custodial staff should thorougly clean all environmental surfaces within classroom.
	Roofing	Assessment Observation	Ceiling tile around ventilation supply register is discolored.	Maintenance needs to ensure the source of discoloration is not associated with water intrusion, and replace ceiling tile.
	Thermal Comfort	Humidity level.	On the date of assessment, the humidity was 49%. Given the 70% humidity reading from outside, this reading suggests the ventilation system is adequately dehumidifying the room.	No corrective action recommended at this time.
	Thermal Comfort	General items to watch for.	On the date of assessment the temperature within this classroom was within an acceptable range.	No corrective action recommended at this time.
	Ventilation	Check for unexplained odors.	There was no odor detected on the date of assessment.	No corrective action recommended at this time.
		Classroom is very dusty. Floor needs to be moppe roach problem.	d. Bathroom in hallway right outside of clas	ssroom is extremely dirty. There is an ant and
146	76.0	49%		
	Temp	RH Co2		
	Environmental Parameters		On the date of assessment, the environmental measurements were within acceptable ranges.	No corrective action recommended at this time.
	Excess Moisture in Classrooms	Condensate (condensed water, or "fog") on cold surfaces.	Teacher reports condensate has not been a problem since the completion of the remediation within this classroom.	No corrective action recommended at this time.
	General Cleanliness	Check for pests.	Occupant reports ants are a problem. Occupant believes they are coming from an adjacent electrical room.	Maintenance needs to establish work order to inspect room for pests and implement appropriate corrective action.
	General Cleanliness	Confirm that the classroom is cleaned	Dust accumulation was observed on	Custodial staff should thorougly clean all

properly

ventilated.

Humidity level.

Check for unexplained odors.

Determine how your classroom is

Thermal Comfort

Ventilation

Ventilation

Dust accumulation was observed on environmental surfaces. environmental surfaces within classroom. No corrective action recommended at this

On the date of assessment the humidity reading was at an acceptable level (49%).

The only odor detected was that of perfume.

Smoke testing confirmed the ventilation system is functioning No corrective action recommended at this time. qualitatively.

time.

time.

No corrective action recommended at this

	Cate	gory		Detail Assessment Commo		Recommended Corrective Action
			thoroughly o with unloadi following Co	cleaned. We have become satisfing trucks, moving furniture, supe	too much work for the few people on the custodia ed when the garbage is emptied. Our head custo rvising personnel, lunch duty, answering emergen ured that the jobs are done properly. She is word	dian is overworked. She has too many jobs cy calls caused by children getting sick, and
202		76.7	48%			
	L	Temp	RH	Co2		
	Environmental F	Parameters			On the date of assessment, the environmental measurements were within acceptable ranges.	No corrective action recommended at this time.
	General Classro	om Information	Ass	essment Observation	The door sweep on the exterior door is cracked and allowing untreated air to enter the classroom.	Maintenance needs to establish work order to inspect and replace as needed the exterior door sweeps throughout this schoo
	Maintain Studen	Health Records		cognize indicators that health blems may be IAQ-related.	This item was identified in error.	No corrective action recommended at this time.
	Roofing		Ass	sessment Observation	Ceiling tile around ventilation supply register is discolored.	Maintenance needs to ensure the source of discoloration is not associated with water intrusion, and replace ceiling tile.
	Ventilation		Ass	essment Observation	Teacher occupant reports there used to be a filter installed in the return air register. No filter was observed on the date of assessment.	Custodial staff should install filter in return air register if one belongs there. If appropriate sized filters are not available, a work order should be initiated to install properly sized filter.
06F	Г					
JOL	L	Temp	RH	<i>Co2</i>		
	Roofing		Ass	essment Observation	Several water stained ceiling tiles were observed in this room.	Maintenance needs to ensure the source of water intrusion is corrected/eliminated, and replace ceiling tiles.
15	Γ	76.3	49%			
10		Тетр	RH	<i>Co2</i>		

Category	Detail	Assessment Comments	Recommended Corrective Action
Environmental Parameters		The environmental measurements were within an acceptable range on the date of assessment.	No corrective action recommended at this time.
Excess Moisture in Classrooms	Check for leaks or signs of moisture from plumbing or roofs.	There were no visible signs of water intrusion within this classroom. Teacher indicates the survey was completed prior to remediation.	No corrective action recommended at this time.
General Classroom Information	Assessment Observation	The door sweep on the exterior door is cracked and allowing untreated air to enter the classroom.	Maintenance needs to establish work order to inspect and replace as needed the exterior door sweeps throughout this schoo
General Cleanliness	Confirm that the classroom is cleaned properly	Dust accumulation was observed on environmental surfaces.	Custodial staff should thorougly clean all environmental surfaces within classroom.
General Cleanliness	Check for pests.	Teacher occupant reports there is a problem with roaches in classroom. On the date of assessment, no pests were observed.	Appropriate staff should monitor condition. If pests continue to be a problem location should initiate corrective work order.
Local Exhaust Fans	Confirm that fume hoods and local exhaust fans are used whenever activities that generate pollutants take place.	The vents on the stove fume hood need to be cleaned and sanitized.	Appropriate staff should clean and sanitize stove fume hood.
Local Exhaust Fans	Confirm that fume hoods and local exhaust fans function properly.	The vents on the stove fume hood need to be cleaned and sanitized.	Appropriate staff should clean and sanitize stove fume hood.
Roofing	Assessment Observation	Ceiling tile around ventilation supply register is discolored.	Maintenance needs to ensure the source of discoloration is not associated with water intrusion, and replace ceiling tile.
Thermal Comfort	General items to watch for.	Temperature was within acceptable range at time of assessment.	No corrective action recommended at this time.
Thermal Comfort	Humidity level.	The humidity was 49% at the time of assessment. The desired humidity level is below 60%.	No corrective action recommended at this time.
Ventilation	Determine how your classroom is ventilated.	Air supply registers need to be evaluated as outlined in other item. Smoke testing confirmed air return registers are functioning qualitatively.	See other recoomeded corrective action pertaining to air supply registers.
Ventilation	Check for unexplained odors.	No odors were detected at time of assessment.	No corrective action recommended at this time.
Ventilation	If you have mechanical ventilation, confirm that air is flowing into the room from the air supply vent(s).	Smoke testing suggested only 1 of the 3 supply registers are functioning appropriately.	Maintenance needs to establish work order to evaluate air supply into the classroom and implement appropriate corrective actior

	Category		Detail	Assessment Comments	Recommended Corrective Action
218	77.2	50%			
	Temp	RH	Co2		
	Environmental Parameters			The environmental measurements were within acceptable ranges on the date of assessment.	No corrective action recommended at this time.
	Drain Traps in the Classroom	prob evap	n traps, if present, can become lem when the water in the drai orates due to infrequent use, <i>r</i> ing sewer gases to enter the	h trap date of assessment. In the event the drain trap water evaporates, sewer	Maintenance needs to establish work order to evaluate and repair the water source. Once repaired, the water should be run on a periodic basis to ensure the drain trap has water in it.
	General Classroom Information	Asse	essment Observation	Discoloration was observed within the cabinetry under the sink.	Maintenance needs to ensure the source of discoloration is not associated with a leak from the sink. If leak is responsible, problem needs to corrected and cabinetry remediated in an appropriate fashion.
	General Classroom Information	Asse	essment Observation	There were an excessive amount of educational materials stored in this classroom which could serve as a microbial reservoir.	Site based administration should encourage teacher to minimize educational materials which could serve as a microbial reservoir, or encourage storing materials not being readily utilized within sealable plastic containers.
	Roofing	Asse	essment Observation	Ceiling tile around ventilation supply register is discolored.	Maintenance needs to ensure the source of discoloration is not associated with water intrusion, and replace ceiling tile.
	Thermal Comfort	Gen	eral items to watch for.	Temperature was within acceptable range at time of assessment.	No corrective action recommended at this time.
	Ventilation	confi	u have mechanical ventilation, rm that air is flowing into the r the air supply vent(s).	Occupants within the school have the understanding the HVAC system is in constant operation during the remediation project at this location.	
		Room 218 of	ten feels as if the air is not circ	ulating. It feels stuffy. The temperature is not con	nsistent and may feel warm in here.
01	75.2	47%			
	Тетр	RH	Co2		
	Environmental Parameters			The environmental measurements were within acceptable ranges on the date of assessment.	No corrective action recommended at this time.

	Category	Detail	Assessment Comments	Recommended Corrective Action
	Dust Control	Assessment Observation	There was excessive dust accumulation on the light fixtures near	Custodial staff should thorougly clean all light fixtures within the Media Center to eliminate dust accumulation.
	Excess Moisture in Classrooms	Condensate (condensed water, or "fog") on cold surfaces.	the air supply registers. There was no evidence of a condensate problem on the date of assessment.	No corrective action recommended at this time.
	General Cleanliness	Clean spills promptly.	Media Specialist indicates this item was identified on survey as a result of a previous event.	No corrective action recommended at this time.
	Thermal Comfort	General items to watch for.	Temperature was within acceptable range at time of assessment.	No corrective action recommended at this time.
	Thermal Comfort	Humidity level.	The humidity was 47% at the time of assessment. The desired humidity level is below 60%.	No corrective action recommended at this time.
	Ventilation	Assessment Observation	Excessive dust accumulation was observed on the ceiling tiles near all air supply registers. The Media Specialist indicates the problem has gotten worse since the duct cleaning in the Media Center has been completed.	Maintenance needs to establish work order to inspect air supply duct system for cleanliness and implement appropriate corrective action. Additionally, the ceiling tiles near the air supply registers need to be replaced.
301A	Temp	RH Co2		
	Roofing	Assessment Observation	Ceiling tile around ventilation supply register is discolored.	Maintenance needs to ensure the source of discoloration is not associated with water intrusion, and replace ceiling tile.
	General Cleanliness	Confirm that the classroom is cleaned properly	General cleanliness appeared adequate on date of assessment.	No corrective action recommended at this time.
			No pests were observed on the date	No corrective action recommended at this
	General Cleanliness	Check for pests.	of the assessment.	time.
	General Cleanliness Thermal Comfort	Check for pests. Humidity level.		

Cat	tegory		Detail	Assessment Comments	Recommended Corrective Action
301B					
	Temp	RH	Co2		
General Class	room Information	Asses	sment Observation	It was reported this room already had completed remediation for water intrusion. On the date of assessment paint was already observed to be coming off of walls that were previously remediated.	The Project Manager needs to evaluate wall to ascertain if the peeling paint is the result of incomplete remediation or associated with the paint itself. Once problem has been identified, the PM needs to implement approriate corrective action.
301E					
	Temp	RH	Co2		
Drain Traps		Asses	sment Observation	Wallboard below drain trap in room showed evidence of water damage.	Maintenance needs to establish work order to eliminate cause of water damage and appropriately remediate affected wallboard.
400 corridor					
	Temp	RH	<i>Co2</i>		
General Class	room Information	Asses	sment Observation	Outlet covers in this hallway were missing. This is a potential safety hazard.	Maintenance needs to establish work order to replace missing electrical outlet covers throughout location.
406	72.0	60.4%	1041		
	Тетр	RH	Co2		
Environmenta	l Parameters			Classroom is currently being utilized as a storage room for desks, etc. There were 0 occupants at the time of assessment. Environmental	No corrective action recommended at this time.
				parameters were generally within acceptable ranges.	
General Clean	liness	Check	for pests.	No pests were observed on the date of assessment.	No corrective action recommended at this time.

Category		Detail	Assessment Comments	Recommended Corrective Action
20	70.2	65.2% 901		
	Temp	RH Co2		
Environ	mental Parameters		There were 2 occupants at the time of assessment. Environmental parameters were generally within acceptable ranges. The humidity reading was slightly elevated.	Corrective action already recommended in association with humidity assessment.
Art Supp	blies	Follow good safety, handling, and storage practices.	Teacher reported the art supplies stored in the room became moldy and were thrown away. An elevated humidity was identified on the date of assessment and could be associated with the issue.	High humidity measurement is addressed in other recommended action.
Drain Tr	aps in the Classroom	Drain traps, if present, can become a problem when the water in the drain trap evaporates due to infrequent use, allowing sewer gases to enter the room.	Teacher reported there needs to be better information given to teachers with regard to this item.	Location administration should communicate to all employees that all water sources should be flushed weekly to ensure water within drain traps does not evaporate.
Exterior	Inspection	Check preventative outdoor items.	Teacher occupant completed school walkthrough survey as opposed to teacher survey.	No corrective action recommended at this time.
Exterior	Inspection	Attic residents.	Teacher occupant completed school walkthrough survey as opposed to teacher survey.	No corrective action recommended at this time.
Exterior	Inspection	Check outdoor equipment functionality.	Teacher occupant completed school walkthrough survey as opposed to teacher survey.	No corrective action recommended at this time.
Exterior	Inspection	Check building drainage.	Teacher reported there were several issues involving poor drainage throughout the location.	Project Manager should review with school administration all efforts that have been made to date to address drainage. If scope of completed work doesn't address all reported problems, appropriate follow-up work should be initiated.
General	Cleanliness	Check for pests.	Ants were observed throughout classroom on the date of assessment.	Maintenance needs to establish work order to inspect room for pests and implement appropriate corrective action.
General	Cleanliness	Confirm that the classroom is cleaned properly	Dust accumulation was observed on environmental surfaces.	Custodial staff should thorougly clean all environmental surfaces within classroom.

Category	Detail	Assessment Comments	Recommended Corrective Action
Interior Inspection	Plumbing drains.	Teacher reported there was a sewage back-up in this classroom. Reported problem has been corrected since completion of survey.	No corrective action recommended at this time.
Interior Inspection	General maintenance items.	Teacher occupant completed school walkthrough survey as opposed to teacher survey.	No corrective action recommended at this time.
Interior Inspection	Check preventative indoor items.	Teacher occupant completed school walkthrough survey as opposed to teacher survey.	No corrective action recommended at this time.
Interior Inspection	Other.	Teacher reported there are numerous residual construction issues (baseboards/outlets) that need to be addressed throughout the location.	Project Manager should review these punchlist items with contractor. All items that are outside the scope of the current project should be addressed with the initiation of appropriate work orders.
Science Supplies	Learn about your supplies. Read labels and identify precautions regarding fumes ventilation. Request information and Material Safety Data Sheets (MSDS) from supplies and manufacturers.	Teacher occupant completed school walkthrough survey as opposed to teacher survey.	No corrective action recommended at this time.
Science Supplies	Follow good safety, handling, and storage practices.	Teacher reported the science supplies stored in the room became moldy and were thrown away. An elevated humidity was identified on the date of assessment and could be associated with the issue.	High humidity measurement is addressed other recommended action.
Thermal Comfort	General items to watch for.	Temperature was within acceptable range at time of assessment.	No corrective action recommended at this time.
Thermal Comfort	Humidity level.	The humidity was 65.2% at the time of assessment.	Maintenance needs to establish work orde to evaluate the HVAC system servicing this area to ascertain reason for elevated humidity and take appropriate action to repair any identified problems.
Ventilation	If you have mechanical ventilation, confirm that air is flowing into the room from the air supply vent(s).	Smoke testing on the date of assessment confirmed the ventilation system is qualitatively functioning.	No corrective action recommended at this time.
	A/C is not consistent and breaks repeatedly. Hygro cleaning. Mold on back wall still present, covered v Unsure if and when radon tests were done. Portab	with plastic.	
	on the roof of some portables. Drainage problems exhaust vents are closer than 10 feet to intake vent buildings. Some A/C roof equipment needs filters a	during heavy rains. Sprinklers hit the buildir ts on roofs. Some cap vents need repairs or	ig in certain spots. It appears some of the

	Category	Detail	Assessment Comments	Recommended Corrective Action
504	73.3	52.6% 2241		
	Temp	RH Co2		
	Environmental Parameters		There were 24 occupants at the time of assessment. Environmental parameters were generally within acceptable ranges. The CO2 reading was slightly elevated; however, it is not at a level warranting follow-up action.	No corrective action recommended at this time.
	Excess Moisture in Classrooms	Condensate (condensed water, or "fog on cold surfaces.	") Teacher reported there was an A/C leak which has since been repaired.	No corrective action recommended at this time.
	Excess Moisture in Classrooms	Check for leaks or signs of moisture from plumbing or roofs.	The paint on the wall above counter was cracking/peeling.	Maintenance needs to ensure the source of peeling paint is not associated with water intrusion, and take appropriate action to correct wall.
	General Classroom Information	Assessment Observation	The door sweep on the exterior door is cracked and allowing untreated air to enter the classroom.	Maintenance needs to establish work order to inspect and replace as needed the exterior door sweeps throughout this school.
	Pest Control	Assessment Observation	Ants were observed throughout classroom on the date of assessment.	Maintenance needs to establish work order to inspect room for pests and implement appropriate corrective action.
	Thermal Comfort	Humidity level.	The humidity was 52.6% at the time of assessment. The desired humidity level is below 60%.	No corrective action recommended at this time.
508	71.1 <i>Temp</i>	53.7% 1256 RH Co2		
	Environmental Parameters		There were 0 occupants at the time of assessment. Environmental parameters were generally within acceptable ranges. The CO2 reading was slightly elevated; however, it is not at a level warranting follow-up action.	No corrective action recommended at this time.
	Excess Moisture in Classrooms	Assessment Observation	There is evidence of water damage along the bottom of the windows in this classroom (rust/algae).	Maintenance needs to establish work order to inspect windows in classroom and implement appropriate corrective action.

	Category	Detail	Assessment Comments	Recommended Corrective Action
	General Classroom Information	Assessment Observation	The door sweep on the exterior door is cracked and allowing untreated air to enter the classroom.	Maintenance needs to establish work order to inspect and replace as needed the exterior door sweeps throughout this school.
	Moisture, Leaks, and Spills	Assessment Observation	This classroom has a leaking faucet.	Maintenance needs to establish work order to repair leaking faucet.
	Pest Control	Assessment Observation	Ants were observed in this classroom on the date of assessment.	Maintenance needs to establish work order to inspect room for pests and implement appropriate corrective action.
	Roofing	Assessment Observation	A stained ceiling tile was observed in this classroom.	Location should replace stained ceiling tile and monitor condition. If stain returns, a work order should be intiated to inspect possible roof leak.
	Thermal Comfort	Humidity level.	The humidity was 53.7% at the time of assessment. The desired humidity level is below 60%.	No corrective action recommended at this time.
	Ventilation	Check for unexplained odors.	There was no odor observed on the date of assessment.	No corrective action recommended at this time.
510	70.4			
510	72.1	62.1% 1466		
	Тетр	RH Co2		
	Environmental Parameters		There were 22 occupants at the time of assessment. Environmental parameters were generally within acceptable ranges. The humidity and CO2 readings were slightly elevated; however, they are not at a level warranting follow-up action.	No corrective action recommended at this time.
	Drain Traps in the Classroom	Drain traps, if present, can become a problem when the water in the drain trap evaporates due to infrequent use, allowing sewer gases to enter the room.	There were no problems observed at time of assessment.	No corrective action recommended at this time.
	Excess Moisture in Classrooms	Condensate (condensed water, or "fog") on cold surfaces.	There were no problems observed at time of assessment.	No corrective action recommended at this time.
	Excess Moisture in Classrooms	Check for leaks or signs of moisture from	There is the possibility of an A/C leak	Maintenance needs to establish work order

plumbing or roofs.

Assessment Observation

Excess Moisture in Classrooms

Excess Moisture in Classrooms

An exterior door was open during the assessment. This allows humid, untreated air to enter the building.

within the false ceiling plenum as evidenced by a moldy ceiling tile.

Maintenance needs to establish work order to inspect A/C unit for leak and implement appropriate corrective action. Additionally, the affected ceiling tile should be replaced.

Administration should encourage staff to maintain all exterior doors closed at all times.

	Category	Detail	Assessment Comments	Recommended Corrective Action
	General Classroom Information	Assessment Observation	The paint on the exterior wall was	Maintenance needs to ensure the source of
		Assessment Observation	peeling and cracking. Teacher occupant reports the damage is old.	peeling paint is not associated with water intrusion, and take appropriate action to correct wall.
	General Classroom Information	Assessment Observation	The secondary A/C drain is leaking suggesting the primary drain is obstructed. Additionally, the secondary drain is not aligned with sink.	Maintenance needs to establish work order to inspect drain and implement appropriate corrective action.
	Ventilation	Assessment Observation	The supply registers need to be cleaned and sanitized.	Custodial staff should thorougly clean and sanitize the supply air registers in this classroom.
511	70.0	52.6% 2089		
511	72.6	52.6% 2089 RH Co2		
	Temp			
	Environmental Parameters		There were 18 occupants at the time of assessment. Environmental parameters were generally within acceptable ranges. The CO2 reading was slightly elevated; however, it is not at a level warranting follow-up action.	No corrective action recommended at this time.
	General Classroom Information	Assessment Observation	Suspect microbial activity was observed in the storage closet on the built-in shelving.	Environmental Project Manager needs assess this area and implement appropriate remediation of the shelving and other affected materials.
	General Cleanliness	Check for pests.	Ants were observed on the date of assessment.	Maintenance needs to establish work order to inspect room for pests and implement appropriate corrective action.
	General Cleanliness	Confirm that the classroom is cleaned properly	Dust accumulation was observed on environmental surfaces.	Custodial staff should thorougly clean all environmental surfaces within classroom.
		Assessment Observation	A ceiling tile is missing in the closet	Custodial staff should replace missing
	Roofing			ceiling and ensure false ceiling plenum is intact.

C	ategory		Detail	Assessment Comments	Recommended Corrective Action
2	72.5 Temp	56.6% RH	1934 <i>Co2</i>		
Environmer	ntal Parameters			There were 21 occupants at the time of assessment. Environmental parameters were generally within acceptable ranges. The CO2 reading was slightly elevated; however, it is not at a level warranting follow-up action.	No corrective action recommended at this time.
Animals in t	he Classroom		special care with asthmatic or other ive students.	There are no animals in this classroom. Item was identified in error.	No corrective action recommended at this time.
Drain Traps	in the Classroom	proble evapo	traps, if present, can become a em when the water in the drain trap rates due to infrequent use, ng sewer gases to enter the room.	There were no problems observed at time of assessment.	No corrective action recommended at this time.
Dust Contro	I	Asses	sment Observation	Excessive webs were observed on top of window fixtures.	Custodial staff should thorougly clean the tops of all window fixtures within classroom
Excess Mois	sture in Classrooms		ensate (condensed water, or "fog") ld surfaces.	Teacher reports there have not been any problems since the completion of the roofing project.	No corrective action recommended at this time.
Excess Mois	sture in Classrooms	Asses	sment Observation	The walls in the supply closet show signs of water intrusion.	Maintenance needs to establish work orde to inspect closet for water intrusion and implement appropriate corrective action.
General Cle	anliness	Confir prope	m that the classroom is cleaned rly	General cleanliness appeared adequate on date of assessment.	No corrective action recommended at this time.
General Cle	anliness	Check	k for pests.	Ants were observed on the date of assessment.	Maintenance needs to establish work orde to inspect room for pests and implement appropriate corrective action.
Thermal Co	mfort	Humic	dity level.	The humidity was 56.6% at the time of assessment. The desired humidity level is below 60%.	No corrective action recommended at this time.
Thermal Co	mfort	Gener	ral items to watch for.	Temperature was within acceptable range at time of assessment.	No corrective action recommended at this time.
Ventilation		Asses	sment Observation	Ceiling tile around ventilation supply register is discolored.	Maintenance needs to ensure the source or discoloration is not associated with water intrusion, and replace ceiling tile.
Ventilation		Asses	sment Observation	The supply air registers showed signs of dust and debris.	Custodial staff needs to clean and santize all supply air registers within this classroor
Ventilation		Check	for unexplained odors.	Teacher reported there have not been any recent odors.	Location should monitor condition and report any odors through the IAQ Respons Protocol.

	Category	Detail	Assessment Comments Recommended Co	
		My room temp seems to go up and down all the ti staying up.	me. Also, my paper material gets warped fa	ast. Like papers curling and chart tablets not
601	Temp	RH Co2		
ŀ	lealth and Hygiene Education	Establish an information and counseling program regarding smoking.	Building 6 was undergoing remediation on the date of assessment. Validation of survey items could not be conducted.	No corrective action recommended at this time.
ŀ	lealth and Hygiene Education	Provide information about IAQ and health	 Building 6 was undergoing remediation on the date of assessment. Validation of survey items could not be conducted. 	No corrective action recommended at this time.
Ν	faintain Student Health Records	Include information about sensitivities to IAQ problems in student health records.	Building 6 was undergoing remediation on the date of assessment. Validation of survey items could not be conducted.	No corrective action recommended at this time.
Ν	laintain Student Health Records	Recognize indicators that health problems may be IAQ-related.	Building 6 was undergoing remediation on the date of assessment. Validation of survey items could not be conducted.	No corrective action recommended at this time.
Ν	laintain Student Health Records	Track health-related complaints by students and staff.	Building 6 was undergoing remediation on the date of assessment. Validation of survey items could not be conducted.	No corrective action recommended at this time.
04				
	Temp	RH Co2		
E	excess Moisture in Classrooms	Check for leaks or signs of moisture from plumbing or roofs.	Building 6 was undergoing remediation on the date of assessment. Validation of survey items could not be conducted.	No corrective action recommended at this time.
V	'entilation	Check for unexplained odors.	Building 6 was undergoing remediation on the date of assessment. Validation of survey items could not be conducted.	No corrective action recommended at this time.

	Category	Detail	Assessment Comments	Recommended Corrective Action
07	Temp	RH Co2		
	Animals in the Classroom	Take special care with asthmatic or oth sensitive students.	er Building 6 was undergoing remediation on the date of assessment. Validation of survey items could not be conducted.	No corrective action recommended at this time.
	Excess Moisture in Classrooms	Check for leaks or signs of moisture fro plumbing or roofs.	m Building 6 was undergoing remediation on the date of assessment. Validation of survey items could not be conducted.	No corrective action recommended at this time.
	Ventilation	Check for unexplained odors.	Building 6 was undergoing remediation on the date of assessment. Validation of survey items could not be conducted.	No corrective action recommended at this time.
08	Temp	RH Co2		
	Animals in the Classroom	Take special care with asthmatic or oth sensitive students.	er Building 6 was undergoing remediation on the date of assessment. Validation of survey items could not be conducted.	No corrective action recommended at this time.
	Excess Moisture in Classrooms	Check for leaks or signs of moisture fro plumbing or roofs.	m Building 6 was undergoing remediation on the date of assessment. Validation of survey items could not be conducted.	No corrective action recommended at thi time.
	Excess Moisture in Classrooms	Condensate (condensed water, or "fog" on cold surfaces.) Building 6 was undergoing remediation on the date of assessment. Validation of survey items could not be conducted.	No corrective action recommended at thi time.
	General Cleanliness	Clean spills promptly.	Building 6 was undergoing remediation on the date of assessment. Validation of survey items could not be conducted.	No corrective action recommended at thi time.
	General Cleanliness	Confirm that the classroom is cleaned properly	Building 6 was undergoing remediation on the date of assessment. Validation of survey	No corrective action recommended at th time.

	Category	Detail	Assessment Comments	Recommended Corrective Action
	Thermal Comfort	General items to watch for.	Building 6 was undergoing remediation on the date of assessment. Validation of survey items could not be conducted.	No corrective action recommended at this time.
	Ventilation	Check for unexplained odors.	Building 6 was undergoing remediation on the date of assessment. Validation of survey items could not be conducted.	No corrective action recommended at this time.
		The bathroom in my classroom is very dirty and	the sink is filthy. The floors are also very dirty	and the rooms are very dusty.
P-54	72.7	57% 2498		
	Temp	RH Co2		
	Environmental Parameters		There were 0 occupants at the time of assessment. Environmental parameters were generally within acceptable ranges. The CO2 reading was elevated.	Maintenance needs to establish work order to A/C unit in this portable to ensure fresh air damper is not in a closed position. If damper is not problem, corrective action is required to introduce additional fresh air to room.
	Excess Moisture in Classrooms	Assessment Observation		required to introduce additional fresh air to room. Maintenance needs to establish work order
			intrusion in the wall cavity of the south wall.	to inspect wall for water intrusion and implement appropriate corrective action.
	Flooring	Assessment Observation	There is a hole in floor that has not been addressed by flooring crew.	Maintenance needs to establish work order to address hole in floor
	General Classroom Information	Assessment Observation	A "musty" smell was detected on the date of assessment.	Custodial staff should thorougly clean all environmental surfaces within classroom.
	General Cleanliness	Confirm that the classroom is cleaned properly	The flooring system is in need of cleaning.	Custodial staff should thorougly strip, clean and wax the flooring system in this portable.
	Ventilation	Assessment Observation	The A/C vents are in need of cleaning.	Custodial staff should thorougly clean and sanitize all A/C vents within classroom.
P-55	73.6	58.2% 3172		
		RH Co2		

	Category	Detail	Assessment Comments	Recommended Corrective Action
	Environmental Parameters		There were 26 occupants at the time of assessment. Environmental parameters were generally within acceptable ranges. The CO2 reading was elevated.	Maintenance needs to establish work order to A/C unit in this portable to ensure fresh air damper is not in a closed position. If damper is not problem, corrective action is required to introduce additional fresh air to room.
	General Cleanliness	Confirm that the classroom is cleaned properly	General cleanliness appeared adequate on date of assessment.	No corrective action recommended at this time.
	Roofing	Assessment Observation	There were several missing ceiling tiles within the storage closet.	Maintenance needs to establish work order to cut and install odd sized ceiling tiles in this closet.
	Ventilation	Assessment Observation	The A/C vents are in need of cleaning.	Custodial staff should thorougly clean and sanitize all A/C vents within classroom.
P-56	70.5	65.9% 2810		
1-50	Temp	RH Co2		
1-30			There were 25 occupants at the time of assessment. Humidity and CO2	Maintenance needs to establish work order to inspect A/C unit in this portable and implement appropriate corrective action to
1-30	Temp			
1-50	Temp		of assessment. Humidity and CO2 levels were elevated on the date of	to inspect A/C unit in this portable and implement appropriate corrective action to
1-50	<i>Temp</i> Environmental Parameters	RH Co2 Take special care with asthmatic or other	of assessment. Humidity and CO2 levels were elevated on the date of assessment. There were no animals observed within this classroom. This item was	to inspect A/C unit in this portable and implement appropriate corrective action to address elevated humidity and CO2. No corrective action recommended at this
1-50	<i>Temp</i> Environmental Parameters Animals in the Classroom	RH Co2 Take special care with asthmatic or other sensitive students. Check for leaks or signs of moisture from	of assessment. Humidity and CO2 levels were elevated on the date of assessment. There were no animals observed within this classroom. This item was identified in error. Water damage to the wall under the A/C unit was observed on the date of assessment. It is believed the	to inspect A/C unit in this portable and implement appropriate corrective action to address elevated humidity and CO2. No corrective action recommended at this time. Maintenance needs to establish work order to inspect the A/C unit and implement appropriate corrective action to repair the
1-50	<i>Temp</i> Environmental Parameters Animals in the Classroom Excess Moisture in Classrooms	RH Co2 Take special care with asthmatic or other sensitive students. Check for leaks or signs of moisture from plumbing or roofs. Confirm that the classroom is cleaned	of assessment. Humidity and CO2 levels were elevated on the date of assessment. There were no animals observed within this classroom. This item was identified in error. Water damage to the wall under the A/C unit was observed on the date of assessment. It is believed the damage is the result of an A/C leak. The flooring system is in need of	to inspect A/C unit in this portable and implement appropriate corrective action to address elevated humidity and CO2. No corrective action recommended at this time. Maintenance needs to establish work order to inspect the A/C unit and implement appropriate corrective action to repair the leak and address the wall damage. Custodial staff should thorougly strip, clean
1-50	<i>Temp</i> Environmental Parameters Animals in the Classroom Excess Moisture in Classrooms General Cleanliness	RH Co2 Take special care with asthmatic or other sensitive students. Check for leaks or signs of moisture from plumbing or roofs. Confirm that the classroom is cleaned properly Determine how your classroom is	of assessment. Humidity and CO2 levels were elevated on the date of assessment. There were no animals observed within this classroom. This item was identified in error. Water damage to the wall under the A/C unit was observed on the date of assessment. It is believed the damage is the result of an A/C leak. The flooring system is in need of cleaning. There were no problems observed at	 to inspect A/C unit in this portable and implement appropriate corrective action to address elevated humidity and CO2. No corrective action recommended at this time. Maintenance needs to establish work order to inspect the A/C unit and implement appropriate corrective action to repair the leak and address the wall damage. Custodial staff should thorougly strip, clean and wax the flooring system in this portable. No corrective action recommended at this

	Category	Detail	Assessment Comments	Recommended Corrective Action
P-58	74.4 Temp	61.1% 3928 RH Co2		
	Environmental Parameters		There were 41 occupants at the time of assessment. Environmental parameters were generally within acceptable ranges. The CO2 reading was slightly elevated.	Maintenance needs to establish work order to A/C unit in this portable to ensure fresh air damper is not in a closed position. If damper is not problem, corrective action is required to introduce additional fresh air to room.
	General Cleanliness	Confirm that the classroom is cleaned properly	General cleanliness appeared adequate on date of assessment.	No corrective action recommended at this time.
		The tile and wood flooring, and the ceiling light fixtur repaired at the start of the school year.	res were replaced the week befroe school st	arted in the portable. A roof leak was also
P-59	70.3	59.8% 3616		
	Temp	RH Co2		
	Environmental Parameters		There were 29 occupants at the time of assessment. Environmental parameters were generally within acceptable ranges. The CO2 reading was slightly elevated.	Maintenance needs to establish work order to A/C unit in this portable to ensure fresh air damper is not in a closed position. If damper is not problem, corrective action is required to introduce additional fresh air to room.
	General Classroom Information	Assessment Observation	Several light reflectors were stained and showed signs of previous water intrusion.	Maintenance needs to establish work order to inspect roof for water intrusion and replace damaged light reflectors.
	General Cleanliness	Check for pests.	Teacher reported there are pest droppings on environmental surfaces at times.	Maintenance needs to establish work order to inspect room for pests and implement appropriate corrective action.
	Moisture, Leaks, and Spills	Assessment Observation	Several stained ceiling tiles were observed in this portable. Teacher reported they have not seen any leaks.	Custodial staff should replace the stained ceiling tiles and monitor condition. If stains reoccur, a work order should be initiated to investigate possible leaks

	Category			Detail	Assessment Comments	Recommended Corrective Action
P-64						
		Temp	RH	Co2		
	Ventilation		Asse	essment Observation	White particulate was observed on the teacher's desk. It is believed the particulate is a result of the A/C unit above the desk. On the date of assessment, the unit appeared dirty/dusty.	Custodial staff should replace filtration media in this unit and thoroughly clean and sanitize the vents of the unit. Once complete, the location should monitor situation. If particulate continues a corrective work order should be initiated.