

managing risk with responsibility

Aston A. Henry, Supervisor Risk Management Department

October 19, 2012

TO:

FROM:

 Telephone:
 754 321-1900

 Fax:
 754 321-1917

 For Custodial Supervisor Use Only

 Custodial Issues Addressed

 Custodial Issues Not Addressed

SUBJECT: Indoor Air Quality (IAQ) Assessment

Debra Friedman, Principal Oakridge Elementary School

Robert Krickovich, Coordinator I, LEA Facilities Design and Construction

On October 16, 2012, I conducted an assessment at **Oakridge Elementary School**. Attached are findings and recommendations for further assessment, remediation, or corrective actions needed.

Signature on File

The IAQ assessment did identify one or more existing conditions impacting IAQ and has generated appropriate work orders to correct deficiencies in systems and maintenance that could contribute to decreased indoor air quality. At the time of the assessment, these concerns were not an immediate health or safety concern to building occupants. However, due to individual sensitivities and predisposing health factors, it is possible that some building occupants may elicit a health response to agents and / or conditions identified during the evaluation. Therefore, to further improve IAQ, prevent development of future IAQ-related problems, and to reduce the potential for IAQ-related complaints by building occupants, the IAQ Assessment Team recommends appropriate follow up of each item identified and listed in the attached evaluation.

Please ensure that your Head Facilities Serviceperson receives a copy of this correspondence so that the recommendations requiring their attention can be addressed. In an attempt to separate IAQ issues from general maintenance items, the attached assessment may contain direction for site based staff to generate a work order through COMPASS. Within two weeks a representative from the Custodial/Grounds Department will conduct a follow-up visit to ensure that all site based custodial issues have been appropriately addressed.

Should any questions arise, or if the current concerns continue after the attached recommendations have been addressed, please feel free to contact us at 754-321-1907.

cc: Directors, School Performance & Accountability Shelley Meloni, Executive Director, Facilities Design and Construction Mark Dorsett, Manager, Zone 1, Physical Plant Operations Division Roy Norton, Manager, Custodial/Grounds, Physical Plant Operations Division Aston Henry, Supervisor, Risk Management Sonja Coley, Senior Project Manager, Facilities Design and Construction Broward Teachers Union Federation of Public Employees

RR/tc Enc.

	IAQ Assess	ment		
Oakridge I	Elementary Evaluation Da	october 16, 2012	Time of Day	9:00
Outdoor Conditions Tempera	ture 81.3 Relative	e Humidity 86.9	Ambient CO2 4	89
		Range CO ² 0% - 60% 761	Range # Oc MAX 700 > Ambient	5 5
Noticeable Odor No	Visible water damage / staining?	Visible microbial growth?	Amount of material affected	
Ceiling2' X 4' Lay inWallsWood / HomasoteFloor12" x 12" Vinyl	No No	No No		
Ceiling CleanYesWalls CleanYesFlooring CleanYes	HVAC Supply Grills Clean Inside of Supply Duct Clean	Yes	HVAC Return Grills Clean Inside of Return Duct Clean	Yes
Room Surfaces Yes Clean	Ceiling at Supply Grills Clean	Yes		
Trash RemovedYesSigns of PestsNoRoom ClutteredNo	Exhaust Fans Working Drain Traps Wet Food if Stored in Room is in Sealed Containers	N/A Yes N/A	Unapproved Chemicals / Cleaners in Room Air Fresheners in Room	No No
Mechanical Equipment Location Filters Installed Properly Yes Condensate Pan Clean Yes		Yes Yes	Mechanical Room Clean Inside of HVAC Unit Clean	Yes
Fresh Air Intake Location Pollutant Sources Near Air Intake	Roof top None	▼ ▼	Fresh Air Intake Free of Obstruction	Yes
Observations				

Corrective Actions to be Completed by Site Based Staff

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	IAQ Assessn	nent		
Oakridge Eleme	entary Evaluation Date	e October 16, 2012	Time of Day	9:00
Outdoor Conditions Temperature	81.3 Relative	Humidity 86.9	Ambient CO2 4	89
Fish Temperature Range 105 72.8 72 - 78		Range CO ² % - 60% 547		ccupants
Noticeable OdorNoCeiling2' X 4' Lay inWallsWood PanelingFloorCarpet / VCT	Visible water damage / staining? No No	Visible microbial growth? <u>No</u> No	Amount of material affected	
Ceiling CleanYesWalls CleanYesFlooring CleanYesRoom SurfacesYesCleanYes	HVAC Supply Grills Clean Inside of Supply Duct Clean Ceiling at Supply Grills Clean	Yes N/A No	HVAC Return Grills Clean Inside of Return Duct Clean	Yes N/A
Trash RemovedYesSigns of PestsNoRoom ClutteredNo	Exhaust Fans Working Drain Traps Wet Food if Stored in Room is in Sealed Containers	N/A N/A N/A	Unapproved Chemicals / Cleaners in Room Air Fresheners in Room	No No
Mechanical Equipment Location Ceilin Filters Installed Properly N/A Condensate Pan Clean N/A	ng mounted in custodial 1 Filters Clean Cooling Coil Clean	1/2 of room N/A N/A	Mechanical Room Clean Inside of HVAC Unit Clean	N/A N/A
Fresh Air Intake Location Pollutant Sources Near Air Intake		▼	Fresh Air Intake Free of Obstruction	
Observations 1/2 of room is custodial office and stor custodial area in front of fan coil unit s		office dirty / stained /	in poor condition - ceiling	j.in

Corrective Actions to be Completed by Site Based Staff

Clean ceilings around HVAC supply grills	▼
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Evaluate carpet for replacement	▼
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	IAQ Assess	ment		
Oakridge	Elementary Evaluation Dat	te October 16, 2012	Time of Day):00
Outdoor Conditions Tempera	ature 81.3 Relative	e Humidity 86.9	Ambient CO2 48	89
		Range CO ² % - 60% 830		cupants 15
Noticeable Odor No	Visible water damage / staining?	Visible microbial growth?	Amount of material affected	
Ceiling2' X 4' Lay inWallsDrywall / HomasoteFloorCarpet	No No No	No No		
Ceiling Clean Yes Walls Clean Yes Flooring Clean No	HVAC Supply Grills Clean Inside of Supply Duct Clean	Yes	HVAC Return Grills Clean Inside of Return Duct Clean	Yes
Room Surfaces Yes Clean	Ceiling at Supply Grills Clean	Νο		
Trash RemovedYesSigns of PestsNoRoom ClutteredNo	Exhaust Fans Working Drain Traps Wet Food if Stored in Room is in Sealed Containers	N/A N/A	Unapproved Chemicals / Cleaners in Room Air Fresheners in Room	No No
Mechanical Equipment Location Filters Installed Properly Yes Condensate Pan Clean Yes	-	Yes Yes	Mechanical Room Clean Inside of HVAC Unit Clean	Yes Yes
Fresh Air Intake Location Pollutant Sources Near Air Intake	Roof top None	▼	Fresh Air Intake Free of Obstruction	Yes
Observations Carpet stained and worn - Ceilin	g tiles at supply grills need to	be replaced by PPO (n	eed cuts)	

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Replace ceiling tiles at HVAC supply grills	▼
Evaluate carpet	▼
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	IAQ Assess	ment		
Oakridge Elem	nentary Evaluation Dat	te October 16, 2012	Time of Day	9:00
Outdoor Conditions Temperature	81.3 Relative	e Humidity 86.9	Ambient CO2 4	89
Fish Temperature Range 201 73.7 72 - 78		Range CO % - 60% 520		ccupants 1
Noticeable Odor No	Visible water damage / staining?	Visible microbial growth?	Amount of material affected	
Ceiling 12" x 12" Z-Spline	No	No		
Walls Wood / Homasote Floor Terrazo	No No	No		
Ceiling Clean Yes Walls Clean Yes	HVAC Supply Grills Clean Inside of Supply	Yes	HVAC Return Grills Clean Inside of Return	N/a
Flooring Clean Yes	Duct Clean	N/A	Duct Clean	N/A
Room Surfaces Yes Clean	Ceiling at Supply Grills Clean	N/a		
Trash Removed Yes	Exhaust Fans Working	N/A	Unapproved Chemicals / Cleaners in Room	No
Signs of Pests No	Drain Traps Wet	N/A	Air Fresheners	No
Room Cluttered No	Food if Stored in Room is in Sealed Containers	N/A	in Room	
Mechanical Equipment Location Ceil	ling Mounted		Mechanical Room Clean	N/A
Filters Installed Properly Yes	Filters Clean	No	Inside of HVAC Unit Clean	N/A
Condensate Pan Clean N/A	Cooling Coil Clean	N/A		
Fresh Air Intake Location N/A		▼	Fresh Air Intake Free of Obstruction	
Pollutant Sources Near Air Intake		▼	of Obstruction	
Observations				
Only a 1" filter on each of the two uni if racks can be changed to increase fi needs cleaning and service - water st	ilter size to 2" pleated - Ex	chaust fan over Ice ma	achine (203) extremely dirty	

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Evaluate filters on HVAC units	▼
Repair / replace exhaust fan in 203 over ice mach.	▼
Repair cause of water intrusion under exhaust fan	▼
over Ice machine 203	▼
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See observations for additional info	▼
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	IAQ Assess	ment		
Oakridge	Elementary Evaluation Dat	te October 16, 2012	Time of Day 9):00
Outdoor Conditions Tempera	ature 81.3 Relative	e Humidity 86.9	Ambient CO2 48	39
		Range CO ² % - 60% 999	Range # Oc MAX 700 > Ambient	20
Noticeable OdorNoCeiling2' X 4' Lay inWallsTack BoardFloor12" x 12" Vinyl	Visible water damage / staining? No No No	Visible microbial growth? No No	Amount of material affected	
Ceiling Clean Yes Walls Clean Yes Flooring Clean Yes Room Surfaces Yes Clean	HVAC Supply Grills Clean Inside of Supply Duct Clean Ceiling at Supply Grills Clean	Yes Yes No	HVAC Return Grills Clean Inside of Return Duct Clean	Yes
Trash RemovedYesSigns of PestsNoRoom ClutteredNo	Exhaust Fans Working Drain Traps Wet Food if Stored in Room is in Sealed Containers	N/A Yes Yes	Unapproved Chemicals / Cleaners in Room Air Fresheners in Room	No No
Mechanical Equipment Location Filters Installed Properly Yes Condensate Pan Clean No	–	Yes	Mechanical Room Clean Inside of HVAC Unit Clean	Yes Yes
Fresh Air Intake Location Pollutant Sources Near Air Intake	Roof top None	▼ ▼	Fresh Air Intake Free of Obstruction	Yes
Observations				
Inside of return grill in room has	heavy dust - Cooling coil in 2	16 has minor dust - Co	ndensate pan holding wa	ter

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▼	Clean HVAC return drops
▼	Clean coils in 216
▼	Clean condensate pan
▼	Remove wet insulation at condensate pan
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	IAQ Assessi	ment		
Oakridge	Elementary Evaluation Dat	te October 16, 2012	Time of Day	9:00
Outdoor Conditions Tempera	ature 81.3 Relative	e Humidity 86.9	Ambient CO2 48	89
		Range CO ² % - 60% 1074		20
Noticeable OdorNoCeiling2' X 4' Lay inWallsDrywall/TackboardFloor12" x 12" Vinyl	Visible water damage / staining? No No No	Visible microbial growth? No No No	Amount of material affected	
Ceiling CleanYesWalls CleanYesFlooring CleanYesRoom SurfacesYesCleanYes	HVAC Supply Grills Clean Inside of Supply Duct Clean Ceiling at Supply Grills Clean	Yes Yes No	HVAC Return Grills Clean Inside of Return Duct Clean	No Yes
Trash RemovedYesSigns of PestsNoRoom ClutteredNo	Exhaust Fans Working Drain Traps Wet Food if Stored in Room is in Sealed Containers	N/A Yes N/A	Unapproved Chemicals / Cleaners in Room Air Fresheners in Room	No No
Mechanical Equipment Location Filters Installed Properly Yes Condensate Pan Clean No		Yes	Mechanical Room Clean Inside of HVAC Unit Clean	Yes
Fresh Air Intake Location Pollutant Sources Near Air Intake	Roof top None	▼	Fresh Air Intake Free of Obstruction	Yes
Observations				

Clean HVAC return grills with Wexcide	▼
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Clean coils in 216	▼
Clean condensate pan	▼
Remove wet insulation at condensate pan	▼
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	IAQ Assess	ment		
Oakridge	Elementary Evaluation Dat	te October 16, 2012	Time of Day	9:00
Outdoor Conditions Tempera	ature 81.3 Relative	e Humidity 86.9	Ambient CO2 4	89
		Range CO % - 60% 105		2
Noticeable Odor No Ceiling 2' X 4' Lay in	Visible water damage / staining? No	Visible microbial growth?	Amount of material affected	
Walls Drywall/Tackboard Floor 12" x 12" Vinyl	No	No		
Ceiling Clean Yes Walls Clean Yes	HVAC Supply Grills Clean Inside of Supply	Yes	HVAC Return Grills Clean Inside of Return	Yes
Flooring Clean Yes Room Surfaces Yes Clean	Duct Clean Ceiling at Supply Grills Clean	No	Duct Clean	Yes
Trash RemovedYesSigns of PestsNo	Exhaust Fans Working Drain Traps Wet	N/A Yes	Unapproved Chemicals / Cleaners in Room Air Fresheners	No
Room Cluttered No	Food if Stored in Room is in Sealed Containers	N/A	in Room	
Mechanical Equipment Location	FISH 216		Mechanical Room Clean	Yes
Filters Installed Properly Yes Condensate Pan Clean No		Yes	Inside of HVAC Unit Clean	Yes
Fresh Air Intake Location Pollutant Sources Near Air Intake	Roof top None	▼	Fresh Air Intake Free of Obstruction	Yes
Observations				

Corrective Actions to be Completed by Site Based Staff

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Corrective Actions to be Completed by PPO

Clean coils in 216	▼
Clean condensate pan	▼
Remove wet insulation at condensate pan	▼
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	IAQ Assess	ment		
Oakridge	Elementary Evaluation Da	te October 16, 2012	Time of Day 9	9:00
Outdoor Conditions Tempera	ature 81.3 Relative	e Humidity 86.9	Ambient CO2 48	89
		Range CO ² 9% - 60% 997		ccupants 18
Noticeable Odor No	Visible water damage / staining?	Visible microbial growth?	Amount of material affected]
Ceiling 2' X 4' Lay in Walls Drywall	No	No No		
Floor 12" x 12" Vinyl	No	No]
Ceiling Clean Yes	HVAC Supply Grills Clean	Yes	HVAC Return Grills Clean	Yes
Flooring Clean Yes	Inside of Supply Duct Clean	Yes	Inside of Return Duct Clean	No
Room Surfaces Yes Clean	Ceiling at Supply Grills Clean	No		
Trash Removed Yes	Exhaust Fans Working	N/A	Unapproved Chemicals / Cleaners in Room	No
Signs of Pests No Room Cluttered No	Drain Traps Wet Food if Stored in Room is in Sealed Containers	Yes N/A	Air Fresheners in Room	No
Mechanical Equipment Location	FISH 216		Mechanical Room Clean	Yes
Filters Installed Properly Yes	Filters Clean	Yes	Inside of HVAC Unit Clean	Yes
Condensate Pan Clean No	Cooling Coil Clean	No		
Fresh Air Intake Location	Roof top	▼	Fresh Air Intake Free of Obstruction	Yes
Pollutant Sources Near Air Intake	None	▼		
Observations		· · · · · · · · · · · · · · · · · · ·		
Ceiling tiles at supply grills dust	y - Inside of return grill in room	n has heavy dust		

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Clean HVAC return drops
Clean coils in 216
Clean condensate pan
Remove wet insulation at condensate pan

	IAQ Assess	ment		
Oakridge	e Elementary Evaluation Da	october 16, 2012	Time of Day 9:00)
Outdoor Conditions Temper	rature 81.3 Relative	e Humidity 86.9	Ambient CO2 489	
		Range CO ² 0% - 60% 1043		20
Noticeable Odor No	Visible water damage / staining?	Visible microbial growth?	Amount of material affected	
Ceiling 2' X 4' Lay in	No	No		
Walls Drywall	Yes	No	2 sq ft by exit door	
Floor 12" x 12" Vinyl	No	No		
Ceiling Clean Yes	HVAC Supply Grills Clean	Yes	HVAC Return Grills Clean	Yes
Flooring Clean Yes	Inside of Supply Duct Clean	Yes	Inside of Return Duct Clean	Yes
Room Surfaces Yes Clean	Ceiling at Supply Grills Clean	No		
Trash Removed Yes	Exhaust Fans Working	N/A	Unapproved Chemicals /	No
Signs of Pests No	Drain Traps Wet	Yes	Air Fresheners	No
Room Cluttered No	Food if Stored in Room is in Sealed Containers	N/A	in Room	<u></u>
Mechanical Equipment Location	FISH 216		Mechanical Room Clean	Yes
Filters Installed Properly	Filters Clean	Yes	Inside of HVAC Unit Clean	Yes
Condensate Pan Clean No	Cooling Coil Clean	No		
Fresh Air Intake Location	Roof top	▼	Fresh Air Intake Free	Yes
Pollutant Sources Near Air Intake	None	▼		
Observations			the set does	
Ceiling tiles at supply grills dus	ty - 2 square feet of water dam	laged wall material at p	ottom of exit door	

Clean ceilings around HVAC supply grills	▼
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Repair cause of water intrusion at exit door
Remove and replace wall material as necessary
Clean coils in 216
Clean condensate pan
Remove wet insulation at condensate pan

	IAQ Assess	ment		
Oakridge	Elementary Evaluation Dat	te October 16, 2012	Time of Day	9:00
Outdoor Conditions Tempera	ature 81.3 Relative	e Humidity 86.9	Ambient CO2 48	89
		Range CO ² 0% - 60% 1033		2
Noticeable Odor No Ceiling 2' X 4' Lay in	Visible water damage / staining? No	Visible microbial growth?	Amount of material affected	
Walls Drywall Floor 12" x 12" Vinyl	No No	No		
Ceiling Clean Yes Walls Clean Yes	HVAC Supply Grills Clean	Yes	HVAC Return Grills Clean	Yes
Flooring Clean Yes	Inside of Supply Duct Clean	Yes	Inside of Return Duct Clean	No
Room Surfaces Yes Clean	Ceiling at Supply Grills Clean	No		
Trash Removed Yes	Exhaust Fans Working	N/A	Unapproved Chemicals / Cleaners in Room	No
Signs of Pests No Room Cluttered No	Drain Traps Wet Food if Stored in Room is in Sealed Containers	N/A	Air Fresheners in Room	No
Mechanical Equipment Location	FISH 216		Mechanical Room Clean	Yes
Filters Installed Properly Yes	Filters Clean	Yes	Inside of HVAC Unit Clean	Yes
Condensate Pan Clean No	Cooling Coil Clean	Νο		
Fresh Air Intake Location	Roof top	▼	Fresh Air Intake Free of Obstruction	Yes
Pollutant Sources Near Air Intake	None	▼		
Observations Ceiling tiles at supply grills dust	v - Inside of return grill in roor	m has heavy dust		
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Clean ceilings around HVAC supply grills	▼
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ean HVAC return drops	▼
Clean coils in 216	▼
Clean condensate pan	▼
et insulation at condensate pan	▼
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AC return drops n coils in 216 ondensate pan	

	IAQ Assess	ment		
Oakridge	Elementary Evaluation Date	te October 16, 2012	Time of Day):00
Outdoor Conditions Tempera	ature 81.3 Relative	e Humidity 86.9	Ambient CO2 48	89
		Range CO ² % - 60% 1131		20
Noticeable Odor No Ceiling 2' X 4' Lay in	Visible water damage / staining?	Visible microbial growth?	Amount of material affected	
Walls Drywall Floor 12" x 12" Vinyl	No	No		
Ceiling Clean Yes Walls Clean Yes	HVAC Supply Grills Clean Inside of Supply	Yes	HVAC Return Grills Clean Inside of Return	Yes
Flooring Clean Yes Room Surfaces Yes Clean	Duct Clean Ceiling at Supply Grills Clean	Yes	Duct Clean	Yes
Trash RemovedYesSigns of PestsNoRoom ClutteredNo	Exhaust Fans Working Drain Traps Wet Food if Stored in Room is in Sealed Containers	N/A Yes N/A	Unapproved Chemicals / Cleaners in Room Air Fresheners in Room	Yes No
Mechanical Equipment Location Filters Installed Properly Yes Condensate Pan Clean No	FISH 216 Filters Clean	Yes	Mechanical Room Clean Inside of HVAC Unit Clean	Yes Yes
Fresh Air Intake Location Pollutant Sources Near Air Intake	Roof top None	▼	Fresh Air Intake Free of Obstruction	Yes
Observations				
Cleanser under sink - one staine	d ceiling tile in 218A			

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Remove and replace stained ceiling tiles and if	▼
stains return, contact COMPASS for work order	▼
Remove non-approved chemicals	▼
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Clean coils in 216	▼
Clean condensate pan	▼
Remove wet insulation at condensate pan	▼
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	IAQ Assessi	ment		
Oakridge I	Elementary Evaluation Dat	e October 16, 2012	Time of Day	9:00
Outdoor Conditions Temperat	ture 81.3 Relative	e Humidity 86.9	Ambient CO2 4	89
		Range <u>CO</u> % - 60% 1118		21
Noticeable Odor No	Visible water damage / staining?	Visible microbial growth?	Amount of material affected	
Ceiling2' X 4' Lay inWallsDrywall/TackboardFloor12" x 12" Vinyl	No No	No No		
Ceiling Clean Yes Walls Clean Yes Flooring Clean Yes	HVAC Supply Grills Clean Inside of Supply Duct Clean	Yes	HVAC Return Grills Clean Inside of Return Duct Clean	Yes
Room Surfaces Yes Clean	Ceiling at Supply Grills Clean	No		
Trash RemovedYesSigns of PestsNoRoom ClutteredNo	Exhaust Fans Working Drain Traps Wet Food if Stored in Room is in Sealed Containers	N/A Yes N/A	Unapproved Chemicals / Cleaners in Room Air Fresheners in Room	No
Mechanical Equipment Location	FISH 216		Mechanical Room Clean	Yes
Filters Installed ProperlyYesCondensate Pan CleanNo	7	Yes	Inside of HVAC Unit Clean	Yes
Dellutant Sources Near Air	Roof top None	▼	Fresh Air Intake Free of Obstruction	Yes
Observations				
Ceiling tiles at supply grills dusty				

Clean ceilings around HVAC supply grills	▼
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Clean coils in 216	▼
Clean condensate pan	▼
Remove wet insulation at condensate pan	▼
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	IAQ Assess	nent		
Oakridge Elem	entary Evaluation Date	e October 16, 2012	Time of Day	9:00
Outdoor Conditions Temperature	81.3 Relative	Humidity 86.9	Ambient CO2 4	89
Fish Temperature Range 224 75.0 72 - 78		Range CO % - 60% 125		ccupants 19
Noticeable Odor No Ceiling 2' X 4' Lay in	Visible water damage / staining? Yes	Visible microbial growth? No	Amount of material affected 4" circle front of glass I	block
Walls Tack Board Floor 12" x 12" Vinyl	No	No		
Ceiling Clean Yes Walls Clean Yes Flooring Clean Yes	HVAC Supply Grills Clean Inside of Supply Duct Clean	Yes	HVAC Return Grills Clean Inside of Return Duct Clean	Yes
Room Surfaces Yes Clean	Ceiling at Supply Grills Clean	No	Duct Clean	
Trash Removed Yes	Exhaust Fans Working	N/A	Unapproved Chemicals / Cleaners in Room	No
Signs of Pests No Room Cluttered No	Drain Traps Wet Food if Stored in Room is in Sealed Containers	Yes N/A	Air Fresheners in Room	No
Mechanical Equipment Location FISI	H 231		Mechanical Room Clean	Yes
Filters Installed Properly Yes Condensate Pan Clean Yes	Filters Clean Cooling Coil Clean	Yes	Inside of HVAC Unit Clean	Yes
	of top	▼	Fresh Air Intake Free of Obstruction	Yes
Observations				
Ceiling tiles at supply grills dusty - or	1e small 4" round stain on	second ceiling tile in	front of glass block	

Clean ceilings around HVAC supply grills	▼
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Evaluate and repair cause of stained ceiling tiles Image: Comparison of the stained ceiling tiles Remove and replace ceiling tiles Image: Comparison of the stained ceiling tiles Repair HVAC to reduce CO2 levels Image: Comparison of the stained ceiling tiles
Repair HVAC to reduce CO2 levels
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	IAQ Assess	ment		
Oakridge	Elementary Evaluation Dat	te October 16, 2012	Time of Day	9:00
Outdoor Conditions Tempera	ature 81.3 Relative	e Humidity 86.9	Ambient CO2 4	89
		Range CO ² % - 60% 1273		ccupants 1
Noticeable OdorNoCeiling2' X 4' Lay inWallsDrywall/TackboardFloor12" x 12" Vinyl	Visible water damage / staining? No No No	Visible microbial growth? No No No	Amount of material affected	
Ceiling Clean Yes Walls Clean Yes Flooring Clean Yes Room Surfaces Yes Clean	HVAC Supply Grills Clean Inside of Supply Duct Clean Ceiling at Supply Grills Clean	No Yes No	HVAC Return Grills Clean Inside of Return Duct Clean	Yes
Trash RemovedYesSigns of PestsNoRoom ClutteredNo	Exhaust Fans Working Drain Traps Wet Food if Stored in Room is in Sealed Containers	N/A Yes N/A	Unapproved Chemicals / Cleaners in Room Air Fresheners in Room	No No
Mechanical Equipment Location Filters Installed Properly Yes Condensate Pan Clean Yes		Yes Yes	Mechanical Room Clean Inside of HVAC Unit Clean	Yes Yes
Fresh Air Intake Location Pollutant Sources Near Air Intake	Roof top None	▼	Fresh Air Intake Free of Obstruction	Yes
Observations				
HVAC supply grills dusty and ce	iling tile around supply grills d	usty		

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Clean HVAC supply grills with Wexcide	▼
Clean ceilings around HVAC supply grills	▼
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Repair HVAC to reduce CO2 levels	▼
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	IAQ Assessi	ment		
Oakridge	Elementary Evaluation Dat	te October 16, 2012	Time of Day	9:00
Outdoor Conditions Tempera	ature 81.3 Relative	e Humidity 86.9	Ambient CO2 4	89
		Range CO ² % - 60% 1278		ccupants
Noticeable OdorNoCeiling2' X 4' Lay inWallsDrywall/TackboardFloor12" x 12" Vinyl	Visible water damage / staining? No No No	Visible microbial growth? No No No	Amount of material affected	
Ceiling CleanYesWalls CleanYesFlooring CleanYesRoom SurfacesYesCleanYes	HVAC Supply Grills Clean Inside of Supply Duct Clean Ceiling at Supply Grills Clean	No Yes No	HVAC Return Grills Clean Inside of Return Duct Clean	Yes
Trash RemovedYesSigns of PestsNoRoom ClutteredNo	Exhaust Fans Working Drain Traps Wet Food if Stored in Room is in Sealed Containers	N/A Yes N/A	Unapproved Chemicals / Cleaners in Room Air Fresheners in Room	No No
Mechanical Equipment Location Filters Installed Properly Yes Condensate Pan Clean Yes		Yes Yes	Mechanical Room Clean Inside of HVAC Unit Clean	Yes Yes
Fresh Air Intake Location Pollutant Sources Near Air Intake	Roof top None	▼	Fresh Air Intake Free of Obstruction	Yes
Observations				
HVAC supply grills dusty and ce	iling tile around supply grills d	usty		

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Clean HVAC supply grills with Wexcide	▼
Clean ceilings around HVAC supply grills	▼
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Repair HVAC to reduce CO2 levels	▼
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	IAQ Assess	nent		
Oakridge	Elementary Evaluation Date	e October 16, 2012	Time of Day	9:00
Outdoor Conditions Tempera	ature 81.3 Relative	Humidity 86.9	Ambient CO2 4	89
		Range CO ² % - 60% 1259		ccupants 4
Noticeable Odor No	Visible water damage / staining?	Visible microbial growth?	Amount of material affected	
Ceiling2' X 4' Lay inWallsDrywall/TackboardFloor12" x 12" Vinyl	No No No No	No No No		
Ceiling CleanYesWalls CleanYesFlooring CleanYesRoom SurfacesYesCleanYes	HVAC Supply Grills Clean Inside of Supply Duct Clean Ceiling at Supply Grills Clean	Yes Yes No	HVAC Return Grills Clean Inside of Return Duct Clean	No No
Trash RemovedYesSigns of PestsNoRoom ClutteredNo	Exhaust Fans Working Drain Traps Wet Food if Stored in Room is in Sealed Containers	N/A Yes N/A	Unapproved Chemicals / Cleaners in Room Air Fresheners in Room	No No
Mechanical Equipment Location Filters Installed Properly Yes Condensate Pan Clean Yes	s Filters Clean	Yes	Mechanical Room Clean Inside of HVAC Unit Clean	Yes Yes
Fresh Air Intake Location Pollutant Sources Near Air Intake	Roof top None	▼	Fresh Air Intake Free of Obstruction	Yes
Observations Ceiling tile around supply grills of classroom door has one 2" ro assessment)				

Clean ceilings around HVAC supply grills	▼
Clean HVAC return grills with Wexcide	▼
Replace stained ceiling tile in Corridor and monitor	▼
if stains return, contact COMPASS for work order	▼
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Clean HVAC return drops	▼
Repair HVAC to reduce CO2 levels	▼
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	IAQ Assessn	nent		
Oakridge Eleme	entary Evaluation Date	e October 16, 2012	Time of Day	9:00
Outdoor Conditions Temperature	81.3 Relative	Humidity 86.9	Ambient CO2 4	89
Fish Temperature Range 228 70.5 72 - 78		Range <u>CO</u> % - 60% 124		ccupants 3
Noticeable Odor No	Visible water damage / staining?	Visible microbial growth?	Amount of material affected	
Ceiling2' X 4' Lay inWallsDrywall/Tackboard	No Yes	No	2 sq ft @ left window	w
Floor 12" x 12" Vinyl	No	No		
Ceiling Clean Yes Walls Clean Yes Flooring Clean Yes Room Surfaces Yes Clean	HVAC Supply Grills Clean Inside of Supply Duct Clean Ceiling at Supply Grills Clean	Yes Yes No	HVAC Return Grills Clean Inside of Return Duct Clean	Yes Yes
Trash RemovedYesSigns of PestsNoRoom ClutteredNo	Exhaust Fans Working Drain Traps Wet Food if Stored in Room is in Sealed Containers	N/A Yes N/A	Unapproved Chemicals / Cleaners in Room Air Fresheners in Room	No No
Mechanical Equipment Location FISH Filters Installed Properly Yes Condensate Pan Clean Yes	H 231 Filters Clean Cooling Coil Clean	Yes Yes	Mechanical Room Clean Inside of HVAC Unit Clean	Yes Yes
Fresh Air Intake Location Roo Pollutant Sources Near Air Non	of top	▼ ▼	Fresh Air Intake Free of Obstruction	Yes
Observations Ceiling tile around supply grills dusty assessment	⁷ - 2 sq foot area of water d	lamaged wall left side	e of left window - dry at tim	le of

Clean ceilings around HVAC supply grills	▼
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te and repair cause of water damage	Evaluate and repair caus
around windows	around win
and replace wall material as necessary	Remove and replace wall r
pair HVAC to reduce CO2 levels	Repair HVAC to redu
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	IAQ Assess	ment		
Oakridge	Elementary Evaluation Dat	te October 16, 2012	Time of Day	9:00
Outdoor Conditions Tempera	ature 81.3 Relative	e Humidity 86.9	Ambient CO2 48	89
		Range CO ² % - 60% 1274		2
Noticeable Odor No Ceiling 2' X 4' Lay in	Visible water damage / staining?	Visible microbial growth?	Amount of material affected	
Walls Drywall/Tackboard Floor 12" x 12" Vinyl	No No	No		
Ceiling CleanYesWalls CleanYesFlooring CleanYes	HVAC Supply Grills Clean Inside of Supply Duct Clean	Yes	HVAC Return Grills Clean Inside of Return Duct Clean	Yes
Room Surfaces Yes Clean	Ceiling at Supply Grills Clean	Νο		
Trash RemovedYesSigns of PestsNoRoom ClutteredNo	Exhaust Fans Working Drain Traps Wet Food if Stored in Room is in Sealed Containers	N/A Yes N/A	Unapproved Chemicals / Cleaners in Room Air Fresheners in Room	No No
Mechanical Equipment Location Filters Installed Properly Yes Condensate Pan Clean Yes	FISH 231 Filters Clean	Yes	Mechanical Room Clean Inside of HVAC Unit Clean	Yes
Fresh Air Intake Location Pollutant Sources Near Air Intake	Roof top None	▼	Fresh Air Intake Free of Obstruction	Yes
Observations Ceiling tile around supply grills (dusty - inside of return box diri	t y		

Clean ceilings around HVAC supply grills	▼
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	IAQ Assess	ment		
Oakridge	Elementary Evaluation Dat	te October 16, 2012	Time of Day):00
Outdoor Conditions Tempera	ature 81.3 Relative	e Humidity 86.9	Ambient CO2 48	89
		Range CO ² % - 60% 1280		cupants
Noticeable Odor No	Visible water damage / staining?	Visible microbial growth?	Amount of material affected	
Ceiling2' X 4' Lay inWallsDrywall/TackboardFloor12" x 12" Vinyl	No No	No No		
Ceiling Clean Yes Walls Clean Yes	HVAC Supply Grills Clean Inside of Supply	Yes	HVAC Return Grills Clean Inside of Return	No
Flooring Clean Yes Room Surfaces Yes Clean	Duct Clean Ceiling at Supply Grills Clean	No	Duct Clean	
Trash Removed Yes Signs of Pests No	Exhaust Fans Working Drain Traps Wet	N/A Yes	Unapproved Chemicals / Cleaners in Room	No
Room Cluttered No	Food if Stored in Room is in Sealed Containers	N/A	Air Fresheners in Room	No
Mechanical Equipment Location	FISH 231		Mechanical Room Clean	Yes
Filters Installed ProperlyYesCondensate Pan CleanYes	-	Yes Yes	Inside of HVAC Unit Clean	Yes
Fresh Air Intake Location Pollutant Sources Near Air Intake	Roof top None	▼	Fresh Air Intake Free of Obstruction	Yes
Observations				
Ceiling tile around supply grills o	dusty - return grill dusty			

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Repair HVAC to reduce CO2 levels	▼
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	IAQ Assess	ment		
Oakridge	Elementary Evaluation Dat	te October 16, 2012	Time of Day 9):00
Outdoor Conditions Tempera	ature 81.3 Relative	e Humidity 86.9	Ambient CO2 48	39
		Range CO ² % - 60% 1258		cupants
Noticeable Odor No	Visible water damage / staining?	Visible microbial growth?	Amount of material affected	
Ceiling2' X 4' Lay inWallsDrywall/TackboardFloor12" x 12" Vinyl	No No	No No		
Ceiling Clean Yes Walls Clean Yes Flooring Clean Yes	HVAC Supply Grills Clean Inside of Supply Duct Clean	Yes	HVAC Return Grills Clean Inside of Return Duct Clean	No
Room Surfaces Yes Clean	Ceiling at Supply Grills Clean	No	Duct Clean	
Trash Removed Yes Signs of Pests No	Exhaust Fans Working Drain Traps Wet	N/A Yes	Unapproved Chemicals / Cleaners in Room	No
Room Cluttered No	Food if Stored in Room is in Sealed Containers	N/A	Air Fresheners in Room	No
Mechanical Equipment Location	FISH 231		Mechanical Room Clean	Yes
Filters Installed Properly Yes Condensate Pan Clean Yes	-	Yes Yes	Inside of HVAC Unit Clean	Yes
Fresh Air Intake Location Pollutant Sources Near Air Intake	Roof top None	▼	Fresh Air Intake Free of Obstruction	Yes
Observations				
Ceiling tile around supply grills of	dusty - return grill dusty			

Clean ceilings around HVAC supply grills	▼
Clean HVAC return grills with Wexcide	▼
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Repair HVAC to reduce CO2 levels	▼
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	IAQ Assess	ment		
Oakridge	Elementary Evaluation Dat	te October 16, 2012	Time of Day 9	9:00
Outdoor Conditions Tempera	ature 81.3 Relative	e Humidity 86.9	Ambient CO2 48	39
		Range CO ² 0% - 60% 882		23
Noticeable Odor No	Visible water damage / staining?	Visible microbial growth?	Amount of material affected	
Ceiling2' X 4' Lay inWallsDrywallFloorCarpet / VCT	No No Yes	No No		
Ceiling Clean Yes Walls Clean Yes Flooring Clean Yes	HVAC Supply Grills Clean Inside of Supply Duct Clean	Yes	HVAC Return Grills Clean Inside of Return Duct Clean	Yes
Room Surfaces Yes Clean	Ceiling at Supply Grills Clean	Yes		
Trash Removed Yes Signs of Pests No	Exhaust Fans Working Drain Traps Wet	N/A Yes	Unapproved Chemicals / Cleaners in Room	No
Room Cluttered No	Food if Stored in Room is in Sealed Containers	N/A	Air Fresheners in Room	No
Mechanical Equipment Location	FISH 304F		Mechanical Room Clean	Yes
Filters Installed Properly Yes Condensate Pan Clean Yes	-	Yes	Inside of HVAC Unit Clean	Yes
Fresh Air Intake Location Pollutant Sources Near Air Intake	Side of room Plants and trees	▼	Fresh Air Intake Free of Obstruction	Yes
Observations				
Room 1/2 carpet - 1/2 tile - Carpe	<u>t stained - rippled - torn & pate</u>	ched		

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Evaluate carpet for replacement	▼
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	IAQ Assess	ment		
Oakridge	Elementary Evaluation Dat	te October 16, 2012	Time of Day	9:00
Outdoor Conditions Tempera	ature 81.3 Relative	e Humidity 86.9	Ambient CO2 48	89
		Range CO ² % - 60% 903		cupants 18
Noticeable Odor No	Visible water damage / staining?	Visible microbial growth?	Amount of material affected	
Ceiling 2' X 4' Lay in Walls Drywall				
Floor 12" x 12" Vinyl	No	No		
Ceiling Clean Yes	HVAC Supply Grills Clean	Yes	HVAC Return Grills Clean	Yes
Flooring Clean Yes	Inside of Supply Duct Clean	Yes	Inside of Return Duct Clean	Yes
Room Surfaces Yes Clean	Ceiling at Supply Grills Clean	Yes		
Trash Removed Yes	Exhaust Fans Working	N/A	Unapproved Chemicals / Cleaners in Room	No
Signs of Pests No Room Cluttered No	Drain Traps Wet Food if Stored in Room is in Sealed Containers	Yes N/A	Air Fresheners in Room	No
Mechanical Equipment Location	FISH 304F		Mechanical Room Clean	Yes
Filters Installed Properly Yes	S Filters Clean	Yes	Inside of HVAC Unit Clean	Yes
Condensate Pan Clean Yes	Cooling Coil Clean	Yes		
Fresh Air Intake Location	Side of room	▼	Fresh Air Intake Free	Yes
Pollutant Sources Near Air Intake	Plants and trees	▼	of Obstruction	
Observations				

Corrective Actions to be Completed by Site Based Staff

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	IAQ Assessr	nent		
Oakridge E	Elementary Evaluation Date	e October 16, 2012	Time of Day	9:00
Outdoor Conditions Temperat	ture 81.3 Relative	Humidity 86.9	Ambient CO2 4	89
FishTemperatureRar30571.072 -		Range CO ² % - 60% 1059		ccupants 45
Noticeable Odor No	Visible water damage / staining?	Visible microbial growth?	Amount of material affected	
Ceiling2' X 4' Lay inWallsDrywallFloorCarpet	No No Yes	No No		
Ceiling CleanYesWalls CleanYesFlooring CleanNoRoom SurfacesYesCleanYes	HVAC Supply Grills Clean Inside of Supply Duct Clean Ceiling at Supply Grills Clean	Yes Yes No	HVAC Return Grills Clean Inside of Return Duct Clean	No
Trash RemovedYesSigns of PestsNoRoom ClutteredNo	Exhaust Fans Working Drain Traps Wet Food if Stored in Room is in Sealed Containers	N/A N/A	Unapproved Chemicals / Cleaners in Room Air Fresheners in Room	No No
Mechanical Equipment Location Filters Installed Properly Yes Condensate Pan Clean No	FISH 315 Filters Clean Cooling Coil Clean	Yes	Mechanical Room Clean Inside of HVAC Unit Clean	Yes No
Pollutant Sources Near Air	Outside of Room Palm Tree	▼	Fresh Air Intake Free of Obstruction	Yes
Observations Media Center - carpet worn and s supply grills dusty - return grill d condensate pan holding water.				

Corrective Actions to be Completed by Site Based Staff

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V	Evaluate carpet for replacement
T	Clean HVAC return drops
	Clean inside of HVAC unit in 315
	Clean coils & pan
te pan 🛛 🔻	Remove wet insulation around condensate pan

	IAQ Assessi	ment		
Oakridge	Elementary Evaluation Dat	te October 16, 2012	Time of Day	9:00
Outdoor Conditions Tempera	ature 81.3 Relative	e Humidity 86.9	Ambient CO2 4	89
		Range CO ² % - 60% 943	Range # Oc MAX 700 > Ambient	2
Noticeable OdorNoCeiling2' X 4' Lay inWallsDrywallFloorCarpet	Visible water damage / staining? No No No	Visible microbial growth? No No No	Amount of material affected	
Ceiling CleanYesWalls CleanYesFlooring CleanYesRoom SurfacesYesCleanYes	HVAC Supply Grills Clean Inside of Supply Duct Clean Ceiling at Supply Grills Clean	Yes Yes Yes	HVAC Return Grills Clean Inside of Return Duct Clean	Yes
Trash RemovedYesSigns of PestsNoRoom ClutteredNo	Exhaust Fans Working Drain Traps Wet Food if Stored in Room is in Sealed Containers	N/A N/A	Unapproved Chemicals / Cleaners in Room Air Fresheners in Room	No No
Mechanical Equipment Location Filters Installed Properly Yes Condensate Pan Clean No		Yes	Mechanical Room Clean Inside of HVAC Unit Clean	Yes No
Fresh Air Intake Location Pollutant Sources Near Air Intake	Outside of Room Palm Tree	▼	Fresh Air Intake Free of Obstruction	Yes
Observations	af			
HVAC coils in 315 dirty - inside o	of unit dusty - condensate pan	nolaing water.		

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Clean inside of HVAC unit in 315	▼
Clean coils & pan	▼
Remove wet insulation around condensate pan	▼
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	IAQ Assess	ment		
Oakridge	Elementary Evaluation Date	te October 16, 2012	Time of Day	9:00
Outdoor Conditions Tempera	ature 81.3 Relative	e Humidity 86.9	Ambient CO2 4	89
		Range CO ² % - 60% 922		2
Noticeable Odor No	Visible water damage / staining?	Visible microbial growth?	Amount of material affected	
Ceiling2' X 4' Lay inWallsDrywall/TackboardFloor12" x 12" Vinyl	No No No	No No		
Ceiling CleanYesWalls CleanYesFlooring CleanYes	HVAC Supply Grills Clean Inside of Supply Duct Clean	Yes	HVAC Return Grills Clean Inside of Return Duct Clean	Yes Yes
Room Surfaces Yes Clean	Ceiling at Supply Grills Clean	Yes		
Trash RemovedYesSigns of PestsNoRoom ClutteredNo	Exhaust Fans Working Drain Traps Wet Food if Stored in Room is in Sealed Containers	Yes Yes	Unapproved Chemicals / Cleaners in Room Air Fresheners in Room	No No
Mechanical Equipment Location Filters Installed Properly Yes Condensate Pan Clean No		Yes No	Mechanical Room Clean Inside of HVAC Unit Clean	Yes No
Fresh Air Intake Location Pollutant Sources Near Air Intake	Over door to room None	▼	Fresh Air Intake Free of Obstruction	Yes
Observations				
Water damage in cabinet under s	sink (faucet leaking) - HVAC un	1it in 404 needs cleanir	າg	

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	confective Actions to be completed by FFO
▼	Repair leaking faucet
▼	Repair water damaged sink cabinet
▼	Clean HVAC unit in 404
▼	Clean coils
▼	Clean condensate pan
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	IAQ Assess	ment		
Oakridge	Elementary Evaluation Da	te October 16, 2012	Time of Day	9:00
Outdoor Conditions Tempera	ature 81.3 Relative	e Humidity 86.9	Ambient CO2 4	89
		Range CO 0% - 60% 1063		20
Noticeable Odor No Ceiling 2' X 4' Lay in	Visible water damage / staining? No	Visible microbial growth?	Amount of material affected	
Walls Drywall Floor 12" x 12" Vinyl	No No	No		
Ceiling Clean Yes Walls Clean Yes	HVAC Supply Grills Clean	Yes	HVAC Return Grills Clean	Yes
Flooring Clean Yes	Inside of Supply Duct Clean	Yes	Inside of Return Duct Clean	Yes
Room Surfaces Yes Clean	Ceiling at Supply Grills Clean	Yes		
Trash Removed Yes	Exhaust Fans Working	N/A	Unapproved Chemicals / Cleaners in Room	No
Signs of Pests No Room Cluttered No	Drain Traps Wet Food if Stored in Room is in Sealed Containers	N/A	Air Fresheners in Room	No
Mechanical Equipment Location	FISH 404		Mechanical Room Clean	Yes
Filters Installed Properly Yes	Filters Clean	Yes	Inside of HVAC Unit Clean	No
Condensate Pan Clean No	Cooling Coil Clean	No		
Fresh Air Intake Location Pollutant Sources Near Air	Over door to room	v	Fresh Air Intake Free of Obstruction	Yes
Intake	None	▼		
Observations				

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Clean HVAC unit in 404	▼
Clean coils	▼
Clean condensate pan	▼
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	IAQ Assess	ment		
Oakridge	Elementary Evaluation Date	te October 16, 2012	Time of Day	9:00
Outdoor Conditions Tempera	ture 81.3 Relative	e Humidity 86.9	Ambient CO2 4	89
		Range CO % - 60% 1260		ccupants 10
Noticeable Odor No Ceiling 2' X 4' Lay in	Visible water damage / staining? No	Visible microbial growth?	Amount of material affected	
Walls Drywall Floor 12" x 12" Vinyl	No	No		
Ceiling Clean Yes Walls Clean Yes	HVAC Supply Grills Clean	Yes	HVAC Return Grills Clean	Yes
Flooring Clean Yes	Inside of Supply Duct Clean	Yes	Inside of Return Duct Clean	Yes
Room Surfaces Yes Clean	Ceiling at Supply Grills Clean	Yes		
Trash Removed Yes	Exhaust Fans Working	N/A	Unapproved Chemicals / Cleaners in Room	No
Signs of Pests No Room Cluttered No	Drain Traps Wet Food if Stored in Room is in Sealed Containers	N/A	Air Fresheners in Room	No
Mechanical Equipment Location	FISH 407		Mechanical Room Clean	Yes
Filters Installed Properly Yes	Filters Clean	Yes	Inside of HVAC Unit Clean	No
Condensate Pan Clean No	Cooling Coil Clean	Νο		
Fresh Air Intake Location Pollutant Sources Near Air	Over door to room	▼	Fresh Air Intake Free of Obstruction	Yes
Intake	None	▼		
Observations				

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AC unit in 407 🛛 🔻	Clean H
an coils 🔹 🔻	CI
ndensate pan	Clean co
reduce CO2 levels	Repair HVAC
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	IAQ Assess	ment		
Oakridge	Elementary Evaluation Date	te October 16, 2012	Time of Day	0:00
Outdoor Conditions Tempera	ature 81.3 Relative	e Humidity 86.9	Ambient CO2 48	39
		Range CO ² % - 60% 1286		cupants 13
Noticeable OdorNoCeiling2' X 4' Lay inWallsDrywall/TackboardFloor12" x 12" Vinyl	Visible water damage / staining? No No No	Visible microbial growth? No No	Amount of material affected	
Ceiling CleanYesWalls CleanYesFlooring CleanYesRoom SurfacesYesCleanYes	HVAC Supply Grills Clean Inside of Supply Duct Clean Ceiling at Supply Grills Clean	Yes Yes	HVAC Return Grills Clean Inside of Return Duct Clean	Yes
Trash RemovedYesSigns of PestsNoRoom ClutteredNo	Exhaust Fans Working Drain Traps Wet Food if Stored in Room is in Sealed Containers	Yes Yes N/A	Unapproved Chemicals / Cleaners in Room Air Fresheners in Room	No No
Mechanical Equipment Location Filters Installed Properly Yes Condensate Pan Clean No		Yes No	Mechanical Room Clean Inside of HVAC Unit Clean	Yes No
Fresh Air Intake Location Pollutant Sources Near Air Intake	Over door to room None	▼	Fresh Air Intake Free of Obstruction	Yes
Observations				
Inside of return air box dirty (PP cleaning - Wall water damaged i			ing) - HVAC unit in 407 nee	eds

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Conec	live Actions to be completed by r	FU
	Repair leaking faucet	•
Repa	air water damaged sink cabinet	▼
Rep	pair water damaged wall in 407	▼
	Clean HVAC unit in 407	•
	Clean coils	▼
	Clean condensate pan	•
Rep	air HVAC to reduce CO2 levels	•
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	IAQ Assessi	ment		
Oakridge	Elementary Evaluation Dat	te October 16, 2012	Time of Day	9:00
Outdoor Conditions Tempera	ature 81.3 Relative	e Humidity 86.9	Ambient CO2 48	89
		Range CO ² % - 60% 762		ccupants 4
Noticeable OdorNoCeiling2' X 4' Lay inWallsWoodFloor12" x 12" Vinyl	Visible water damage / staining? No No No	Visible microbial growth? No No	Amount of material affected	
Ceiling Clean Yes Walls Clean Yes Flooring Clean Yes Room Surfaces Yes Clean	HVAC Supply Grills Clean Inside of Supply Duct Clean Ceiling at Supply Grills Clean	Yes Yes N/a	HVAC Return Grills Clean Inside of Return Duct Clean	Yes
Trash RemovedYesSigns of PestsNoRoom ClutteredNo	Exhaust Fans Working Drain Traps Wet Food if Stored in Room is in Sealed Containers	N/A Yes N/A	Unapproved Chemicals / Cleaners in Room Air Fresheners in Room	No No
Mechanical Equipment Location Filters Installed Properly N/A Condensate Pan Clean N/A	A Filters Clean	N/A N/A	Mechanical Room Clean Inside of HVAC Unit Clean	N/A N/A
Fresh Air Intake Location Pollutant Sources Near Air Intake	Outside of Room Plants / Trees	▼	Fresh Air Intake Free of Obstruction	Yes
Observations				

Corrective Actions to be Completed by Site Based Staff

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IAQ Assessment	
Oakridge Elementary Evaluation Date October 16, 207	12 Time of Day 9:00
Outdoor Conditions Temperature 81.3 Relative Humidity 86.9	Ambient CO2 489
	CO2Range# Occupants317MAX 700 >18Ambient18
Noticeable OdorNoVisible water damage / staining?Visible microbial growth?Ceiling2' X 4' Lay inNoNoWallsWoodNoNoFloor12" x 12" VinylNoNo	Amount of material affected
Ceiling CleanYesHVAC Supply Grills CleanYesWalls CleanYesInside of Supply Duct CleanYesFlooring CleanYesCeiling at Supply Grills CleanYesRoom Surfaces 	HVAC Return Grills Clean Yes Inside of Return Duct Clean Yes
Trash RemovedYesExhaust Fans WorkingN/ASigns of PestsNoDrain Traps WetYesRoom ClutteredNoFood if Stored in Room is in Sealed ContainersN/A	Unapproved Chemicals / Cleaners in Room Air Fresheners in Room
Mechanical Equipment Location Floor Mounted in Room Filters Installed Properly N/A Filters Clean N/A Condensate Pan Clean N/A Cooling Coil Clean N/A	Mechanical Room Clean N/A Inside of HVAC Unit Clean N/A
Fresh Air Intake Location Outside of Room ▼ Pollutant Sources Near Air Plants / Trees ▼ Intake ▼ ▼	of Obstruction
Observations	

Corrective Actions to be Completed by Site Based Staff

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Repair HVAC to reduce CO2 levels	▼
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	IAQ Assessr	ment		
Oakridge	Elementary Evaluation Dat	te October 16, 2012	Time of Day 9	9:00
Outdoor Conditions Tempera	ature 81.3 Relative	e Humidity 86.9	Ambient CO2 48	39
		Range CO ² % - 60% 1143		ccupants 17
Noticeable Odor No Ceiling 2' X 4' Lay in Walls Wood	Visible water damage / staining? No No	Visible microbial growth? No No	Amount of material affected	
Floor 12" x 12" Vinyl Ceiling Clean Yes Walls Clean Yes Flooring Clean Yes Room Surfaces Yes Clean Yes	No HVAC Supply Grills Clean Inside of Supply Duct Clean Ceiling at Supply Grills Clean	No Yes Yes	HVAC Return Grills Clean Inside of Return Duct Clean	Yes
Trash Removed Yes Signs of Pests No Room Cluttered No	Exhaust Fans Working Drain Traps Wet Food if Stored in Room is in Sealed Containers	N/A Yes N/A	Unapproved Chemicals / Cleaners in Room Air Fresheners in Room	No No
Mechanical Equipment Location Filters Installed Properly N/A Condensate Pan Clean N/A		N/A N/A	Mechanical Room Clean Inside of HVAC Unit Clean	N/A N/A
Fresh Air Intake Location Pollutant Sources Near Air Intake	Outside of Room Plants / Trees	▼	Fresh Air Intake Free of Obstruction	Yes
Observations				

Corrective Actions to be Completed by Site Based Staff

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	IAQ Assess	ment		
Oakridge Ele	mentary Evaluation Dat	te October 16, 2012	Time of Day	9:00
Outdoor Conditions Temperatur	e 81.3 Relative	e Humidity 86.9	Ambient CO2 4	89
FishTemperatureRange60475.572 - 78		Range CO ² % - 60% 1216		ccupants 1
Noticeable OdorNoCeiling2' X 4' Lay inWallsWoodFloor12" x 12" Vinyl	Visible water damage / staining? No No No	Visible microbial growth? No No	Amount of material affected	
Ceiling Clean Yes Walls Clean Yes Flooring Clean Yes Room Surfaces Yes Clean	HVAC Supply Grills Clean Inside of Supply Duct Clean Ceiling at Supply Grills Clean	Yes Yes N/a	HVAC Return Grills Clean Inside of Return Duct Clean	Yes
Trash RemovedYesSigns of PestsNoRoom ClutteredNo	Exhaust Fans Working Drain Traps Wet Food if Stored in Room is in Sealed Containers	N/A Yes N/A	Unapproved Chemicals / Cleaners in Room Air Fresheners in Room	No No
Mechanical Equipment Location Fle Filters Installed Properly N/A Condensate Pan Clean N/A	oor Mounted in Room Filters Clean Cooling Coil Clean	N/A N/A	Mechanical Room Clean Inside of HVAC Unit Clean	N/A N/A
Pollutant Sources Near Air Pla Intake	utside of Room ants / Trees	▼	Fresh Air Intake Free of Obstruction	Yes
Observations				

Corrective Actions to be Completed by Site Based Staff

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Repair HVAC to reduce CO2 levels	▼
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IAQ Ass	sessment
Oakridge Elementary Evaluation	on Date October 16, 2012 Time of Day 9:00
Outdoor Conditions Temperature 81.3 Re	elative Humidity 86.9 Ambient CO2 489
FishTemperatureRangeRelative Humidity60576.272 - 7844.8	RangeCO2Range# Occupants30% - 60%1303MAX 700 > Ambient20
Noticeable OdorNoVisible water damage staining?Ceiling2' X 4' Lay inNoWallsWoodNoFloor12" x 12" VinylNo	e / Visible microbial Amount of growth? material affected No No No No No
Ceiling CleanYesHVAC Supply Grills CleanWalls CleanYesInside of Sup Duct CleanFlooring CleanYesDuct CleanRoom SurfacesYesCeiling at Sup Grills Clean	Yes Grills Clean Yes ply Yes Inside of Return Yes Duct Clean Yes
Trash RemovedYesExhaust Fans WorkSigns of PestsNoDrain TrapsRoom ClutteredNoFood if Stored in Rooin Sealed Containers	Wet Yes Om is No No No No
Mechanical Equipment Location Floor Mounted in Room Filters Installed Properly N/A Filters Clean Condensate Pan Clean N/A Cooling Coil Clean	
Fresh Air Intake LocationOutside of RoomPollutant Sources Near Air IntakePlants / Trees	▼ Fresh Air Intake Free of Obstruction Yes
Observations	

Corrective Actions to be Completed by Site Based Staff

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Repair HVAC to reduce CO2 levels	▼
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	IAQ Assessr	nent		
Oakridge I	Elementary Evaluation Dat	e October 16, 2012	Time of Day	9:00
Outdoor Conditions Tempera	ture 81.3 Relative	Humidity 86.9	Ambient CO2 4	89
		Range CO % - 60% 1409		ccupants 1
Noticeable Odor No	Visible water damage / staining?	Visible microbial growth?	Amount of material affected	
Ceiling2' X 4' Lay inWallsWoodFloor12" x 12" Vinyl	No No	No No		
Ceiling Clean Yes Walls Clean Yes Flooring Clean Yes	HVAC Supply Grills Clean Inside of Supply Duct Clean	Yes	HVAC Return Grills Clean Inside of Return Duct Clean	Yes
Room Surfaces Yes Clean	Ceiling at Supply Grills Clean	N/a	Ductorean	
Trash RemovedYesSigns of PestsNoRoom ClutteredNo	Exhaust Fans Working Drain Traps Wet Food if Stored in Room is in Sealed Containers	N/A Yes N/A	Unapproved Chemicals / Cleaners in Room Air Fresheners in Room	Yes No
Mechanical Equipment Location Filters Installed Properly N/A Condensate Pan Clean N/A		N/A N/A	Mechanical Room Clean Inside of HVAC Unit Clean	N/A N/A
Fresh Air Intake Location Pollutant Sources Near Air Intake	Outside of Room Plants / Trees	▼ ▼	Fresh Air Intake Free of Obstruction	Yes
Observations				
Two cans of Gliden paint under s	sink			

Corrective Actions to be Completed by Site Based Staff

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Remove non-approved chemicals	▼
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Repair HVAC to reduce CO2 levels	▼
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	IAQ Assessme	ent		
Oakridge Elementa	ary Evaluation Date	October 16, 2012	Time of Day	9:00
Outdoor Conditions Temperature	81.3 Relative H	Humidity 86.9	Ambient CO2 48	89
FishTemperatureRange70475.272 - 78		ange <u>CO²</u> - 60% 1518		cupants 19
Noticeable OdorNoVCeiling2' X 4' Lay inWallsWoodFloor12" x 12" Vinyl	/isible water damage / staining? No No No	Visible microbial growth? No No No	Amount of material affected	
Ceiling CleanYesWalls CleanYesFlooring CleanYesRoom SurfacesYesCleanYes	HVAC Supply Grills Clean Inside of Supply Duct Clean Ceiling at Supply Grills Clean	Yes Yes N/a	HVAC Return Grills Clean Inside of Return Duct Clean	Yes
Signs of Pests No Room Cluttered No Fo	Exhaust Fans Working Drain Traps Wet ood if Stored in Room is Sealed Containers	N/A Yes N/A	Unapproved Chemicals / Cleaners in Room Air Fresheners in Room	No No
Mechanical Equipment Location Floor M Filters Installed Properly N/A Condensate Pan Clean N/A	Nounted in Room Filters Clean Cooling Coil Clean	N/A N/A	Mechanical Room Clean Inside of HVAC Unit Clean	N/A N/A
Fresh Air Intake Location Outside Pollutant Sources Near Air Plants / Intake	e of Room / Trees	▼ ▼	Fresh Air Intake Free of Obstruction	Yes
Observations				

Corrective Actions to be Completed by Site Based Staff

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Repair HVAC to reduce CO2 levels	▼
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	IAQ Assessr	ment		
Oakridge	Elementary Evaluation Date	te October 16, 2012	Time of Day 9	9:00
Outdoor Conditions Tempera	ature 81.3 Relative	e Humidity 86.9	Ambient CO2 48	89
		Range CO ² % - 60% 1112		ccupants 21
Noticeable OdorNoCeiling2' X 4' Lay inWallsWoodFloor12" x 12" Vinyl	Visible water damage / staining? No No No	Visible microbial growth? No No	Amount of material affected	
Ceiling CleanYesWalls CleanYesFlooring CleanYesRoom SurfacesYesCleanYes	HVAC Supply Grills Clean Inside of Supply Duct Clean Ceiling at Supply Grills Clean	Yes Yes N/a	HVAC Return Grills Clean Inside of Return Duct Clean	Yes
Trash RemovedYesSigns of PestsNoRoom ClutteredNo	Exhaust Fans Working Drain Traps Wet Food if Stored in Room is in Sealed Containers	N/A Yes N/A	Unapproved Chemicals / Cleaners in Room Air Fresheners in Room	No No
Mechanical Equipment Location Filters Installed Properly N/A Condensate Pan Clean N/A		N/A N/A	Mechanical Room Clean Inside of HVAC Unit Clean	N/A N/A
Fresh Air Intake Location Pollutant Sources Near Air Intake	Outside of Room Plants / Trees	▼ ▼	Fresh Air Intake Free of Obstruction	Yes
Observations				

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Clean inside of fan coil unit	▼
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	IAQ Assess	ment		
Oakridge	Elementary Evaluation Date	te October 16, 2012	Time of Day	9:00
Outdoor Conditions Tempera	ature 81.3 Relative	e Humidity 86.9	Ambient CO2 4	89
		Range CO ² % - 60% 1231		21
Noticeable Odor No	Visible water damage / staining?	Visible microbial growth?	Amount of material affected	
Ceiling 2' X 4' Lay in Walls Wood Floor 12" x 12" Vinyl	No No No	No No		
Ceiling Clean Yes Walls Clean Yes Flooring Clean Yes	HVAC Supply Grills Clean Inside of Supply Duct Clean	Yes N/A	HVAC Return Grills Clean Inside of Return Duct Clean	No
Room Surfaces Yes Clean	Ceiling at Supply Grills Clean	N/a		
Trash RemovedYesSigns of PestsNoRoom ClutteredN/A	Exhaust Fans Working Drain Traps Wet Food if Stored in Room is in Sealed Containers	N/A Yes N/A	Unapproved Chemicals / Cleaners in Room Air Fresheners in Room	Yes No
Mechanical Equipment Location Filters Installed Properly N/A Condensate Pan Clean N/A	-	N/A N/A	Mechanical Room Clean Inside of HVAC Unit Clean	N/A N/A
Fresh Air Intake Location Pollutant Sources Near Air Intake	Outside of Room Plants / Trees	▼	Fresh Air Intake Free of Obstruction	Yes
Observations Dust build up in supply and return	rn grill - Clean entire unit			

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Clean inside of fan coil unit	▼
Repair HVAC to reduce CO2 levels	▼
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	IAQ Assess	ment		
Oakridge E	Elementary Evaluation Dat	te October 16, 2012	Time of Day	9:00
Outdoor Conditions Temperat	ture 81.3 Relative	e Humidity 86.9	Ambient CO2 4	89
		Range CO ² % - 60% 1136		20
Noticeable OdorNoCeiling2' X 4' Lay inWallsWoodElact12" x 12" Vipul	Visible water damage / staining? No No	Visible microbial growth? No No	Amount of material affected	
Floor12" x 12" VinylCeiling CleanYesWalls CleanYesFlooring CleanYesRoom SurfacesYesCleanYes	No HVAC Supply Grills Clean Inside of Supply Duct Clean Ceiling at Supply Grills Clean	No Yes Yes	HVAC Return Grills Clean Inside of Return Duct Clean	Yes
Trash RemovedYesSigns of PestsNoRoom ClutteredNo	Exhaust Fans Working Drain Traps Wet Food if Stored in Room is in Sealed Containers	N/A Yes N/A	Unapproved Chemicals / Cleaners in Room Air Fresheners in Room	No No
Mechanical Equipment Location Filters Installed Properly N/A Condensate Pan Clean N/A	7	N/A N/A	Mechanical Room Clean Inside of HVAC Unit Clean	N/A N/A
Pollutant Sources Near Air Intake	Outside of Room Grass / Road	▼	Fresh Air Intake Free of Obstruction	Yes
Observations				

Corrective Actions to be Completed by Site Based Staff

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	IAQ Assessi	ment		
Oakridge	Elementary Evaluation Dat	te October 16, 2012	Time of Day	9:00
Outdoor Conditions Tempera	ature 81.3 Relative	e Humidity 86.9	Ambient CO2 4	89
		Range CO ² % - 60% 1218		2 cupants 18
Noticeable Odor No	Visible water damage / staining?	Visible microbial growth?	Amount of material affected	
Ceiling2' X 4' Lay inWallsWoodFloor12" x 12" Vinyl	No No	No No		
Ceiling Clean Yes Walls Clean Yes Flooring Clean Yes	HVAC Supply Grills Clean Inside of Supply Duct Clean	Yes	HVAC Return Grills Clean Inside of Return Duct Clean	Yes
Room Surfaces Yes Clean	Ceiling at Supply Grills Clean	N/a		
Trash RemovedYesSigns of PestsNoRoom ClutteredNo	Exhaust Fans Working Drain Traps Wet Food if Stored in Room is in Sealed Containers	N/A Yes N/A	Unapproved Chemicals / Cleaners in Room Air Fresheners in Room	No No
Mechanical Equipment Location Filters Installed Properly N/A Condensate Pan Clean N/A	-	N/A N/A	Mechanical Room Clean Inside of HVAC Unit Clean	N/A N/A
Fresh Air Intake Location Pollutant Sources Near Air Intake	Outside of Room Grass / Road	▼	Fresh Air Intake Free of Obstruction	Yes
Observations				
Water damage in cabinet under s	sink - Trap nut leaking			

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	IAQ Assessn	nent		
Oakridge	Elementary Evaluation Date	e October 16, 2012	Time of Day	9:00
Outdoor Conditions Tempera	ture 81.3 Relative	Humidity 86.9	Ambient CO2 4	89
		Range CO ² % - 60% 1068		ccupants 18
Noticeable Odor No	Visible water damage / staining?	Visible microbial growth?	Amount of material affected	
Ceiling 2' X 4' Lay in Walls Wood Floor 12" x 12" Vinyl	No No	No No No		
Ceiling Clean Yes Walls Clean Yes Flooring Clean Yes Room Surfaces Yes	HVAC Supply Grills Clean Inside of Supply Duct Clean Ceiling at Supply	Yes Yes	HVAC Return Grills Clean Inside of Return Duct Clean	Yes
Clean Trash Removed Yes Signs of Pests No Room Cluttered No	Grills Clean Exhaust Fans Working Drain Traps Wet Food if Stored in Room is in Sealed Containers	N/A Yes N/A	Unapproved Chemicals / Cleaners in Room Air Fresheners in Room	No No
Mechanical Equipment Location Filters Installed Properly N/A Condensate Pan Clean N/A		N/A N/A	Mechanical Room Clean Inside of HVAC Unit Clean	N/A N/A
Fresh Air Intake Location Pollutant Sources Near Air Intake	Outside of Room Grass / Road	▼	Fresh Air Intake Free of Obstruction	Yes
Observations Carts of books and other materia	als blocking return air and supp	ly air at floor mounte	d fan coil unit.	

Do not block openings of A/C unit	▼
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	IAQ Assessi	ment		
Oakridge	Elementary Evaluation Dat	te October 16, 2012	Time of Day	9:00
Outdoor Conditions Tempera	ature 81.3 Relative	e Humidity 86.9	Ambient CO2 4	89
		Range CO ² % - 60% 1297		ccupants 17
Noticeable OdorNoCeiling2' X 4' Lay inWallsWoodFloor12" x 12" Vinyl	Visible water damage / staining? No No No	Visible microbial growth? No No No	Amount of material affected	
Ceiling CleanYesWalls CleanYesFlooring CleanYesRoom SurfacesYesCleanYes	HVAC Supply Grills Clean Inside of Supply Duct Clean Ceiling at Supply Grills Clean	Yes Yes N/a	HVAC Return Grills Clean Inside of Return Duct Clean	Yes
Trash RemovedYesSigns of PestsNoRoom ClutteredNo	Exhaust Fans Working Drain Traps Wet Food if Stored in Room is in Sealed Containers	N/A Yes N/A	Unapproved Chemicals / Cleaners in Room Air Fresheners in Room	No No
Mechanical Equipment Location Filters Installed Properly N/A Condensate Pan Clean N/A	A Filters Clean	N/A N/A	Mechanical Room Clean Inside of HVAC Unit Clean	N/A N/A
Fresh Air Intake Location Pollutant Sources Near Air Intake	Outside of Room Grass / Road	▼	Fresh Air Intake Free of Obstruction	Yes
Observations One half of supply air grills bloc	ked with plastic tubs used for s	storage		

Do not block openings of A/C unit	▼
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Repair HVAC to reduce CO2 levels	▼
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	IAQ Assessr	nent		
Oakridge	Elementary Evaluation Date	e October 16, 2012	Time of Day	9:00
Outdoor Conditions Tempera	ature 81.3 Relative	e Humidity 86.9	Ambient CO2 4	89
		Range CO ² % - 60% 1310		ccupants 18
Noticeable Odor No Ceiling 2' X 4' Lay in Walls Wood	Visible water damage / staining? No No	Visible microbial growth? No No	Amount of material affected	
Floor 12" x 12" Vinyl	No	No		
Ceiling CleanYesWalls CleanYesFlooring CleanYesRoom SurfacesYesCleanYes	HVAC Supply Grills Clean Inside of Supply Duct Clean Ceiling at Supply Grills Clean	Yes Yes N/a	HVAC Return Grills Clean Inside of Return Duct Clean	Yes
Trash RemovedYesSigns of PestsNoRoom ClutteredNo	Exhaust Fans Working Drain Traps Wet Food if Stored in Room is in Sealed Containers	N/A Yes N/A	Unapproved Chemicals / Cleaners in Room Air Fresheners in Room	No No
Mechanical Equipment Location Filters Installed Properly N/A Condensate Pan Clean N/A	-	N/A N/A	Mechanical Room Clean Inside of HVAC Unit Clean	N/A N/A
Fresh Air Intake Location Pollutant Sources Near Air Intake	Outside of Room Grass / Road	▼	Fresh Air Intake Free of Obstruction	Yes
Observations				

Corrective Actions to be Completed by Site Based Staff

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Repair HVAC to reduce CO2 levels	▼
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	IAQ Assessi	ment		
Oakridge E	Elementary Evaluation Dat	te October 16, 2012	Time of Day	9:00
Outdoor Conditions Temperat	ture 81.3 Relative	e Humidity 86.9	Ambient CO2 4	89
		Range CO ² % - 60% 820		ccupants 13
Noticeable OdorNoCeiling2' X 4' Lay inWallsWoodEleor12" x 12" Vipul	Visible water damage / staining? No No	Visible microbial growth? No No	Amount of material affected	
Floor12" x 12" VinylCeiling CleanYesWalls CleanYesFlooring CleanYesRoom SurfacesYesCleanYes	No HVAC Supply Grills Clean Inside of Supply Duct Clean Ceiling at Supply Grills Clean	No Yes Yes N/a	HVAC Return Grills Clean Inside of Return Duct Clean	Yes
Trash RemovedYesSigns of PestsNoRoom ClutteredNo	Exhaust Fans Working Drain Traps Wet Food if Stored in Room is in Sealed Containers	N/A Yes N/A	Unapproved Chemicals / Cleaners in Room Air Fresheners in Room	No No
Mechanical Equipment Location Filters Installed Properly N/A Condensate Pan Clean N/A	1	N/A N/A	Mechanical Room Clean Inside of HVAC Unit Clean	N/A N/A
Pollutant Sources Near Air Intake	Outside of Room Grass / Road	▼	Fresh Air Intake Free of Obstruction	Yes
Observations				

Corrective Actions to be Completed by Site Based Staff

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	IAQ Assessr	nent		
Oakridge E	Elementary Evaluation Date	e October 16, 2012	Time of Day	9:00
Outdoor Conditions Temperat	ture 81.3 Relative	Humidity 86.9	Ambient CO2 4	89
Fish Temperature Rar 903 76.2 72 -		Range CO ² % - 60% 909		2
Noticeable OdorNoCeiling2' X 4' Lay inWallsWood	Visible water damage / staining? No No	Visible microbial growth? No No	Amount of material affected	
Floor 12" x 12" Vinyl	No	No		
Ceiling Clean Yes Walls Clean Yes Flooring Clean Yes Room Surfaces Yes Clean	HVAC Supply Grills Clean Inside of Supply Duct Clean Ceiling at Supply Grills Clean	Yes Yes N/a	HVAC Return Grills Clean Inside of Return Duct Clean	Yes
Trash RemovedYesSigns of PestsNoRoom ClutteredNo	Exhaust Fans Working Drain Traps Wet Food if Stored in Room is in Sealed Containers	N/A Yes N/A	Unapproved Chemicals / Cleaners in Room Air Fresheners in Room	No No
Mechanical Equipment Location Filters Installed Properly N/A Condensate Pan Clean N/A	1	N/A N/A	Mechanical Room Clean Inside of HVAC Unit Clean	N/A N/A
Pollutant Sources Near Air Intake	Outside of Room Grass / Tree / Road	▼ ▼	Fresh Air Intake Free of Obstruction	Yes
Observations				

Corrective Actions to be Completed by Site Based Staff

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	IAQ Assessn	nent		
Oakridge	Elementary Evaluation Date	e October 16, 2012	Time of Day	9:00
Outdoor Conditions Tempera	ature 81.3 Relative	Humidity 86.9	Ambient CO2 4	89
		Range CO ² % - 60% 1225		ccupants 1
Noticeable Odor No	Visible water damage / staining?	Visible microbial growth?	Amount of material affected	
Ceiling 2' X 4' Lay in Walls Wood Floor 12" x 12" Vinyl	No No No No	No No No		
Ceiling CleanYesWalls CleanYesFlooring CleanYesRoom Surfaces CleanYes	HVAC Supply Grills Clean Inside of Supply Duct Clean Ceiling at Supply Grills Clean	Yes Yes N/a	HVAC Return Grills Clean Inside of Return Duct Clean	Yes No
Trash RemovedYesSigns of PestsNoRoom ClutteredNo	Exhaust Fans Working Drain Traps Wet Food if Stored in Room is in Sealed Containers	N/A Yes N/A	Unapproved Chemicals / Cleaners in Room Air Fresheners in Room	Yes No
Mechanical Equipment Location Filters Installed Properly N/A Condensate Pan Clean N/A		N/A N/A	Mechanical Room Clean Inside of HVAC Unit Clean	N/A N/A
Fresh Air Intake Location Pollutant Sources Near Air Intake	Outside of Room Grass / Tree / Road	▼	Fresh Air Intake Free of Obstruction	Yes
Observations				
two Sharper Image air purifiers i spray air freshener - Lysol liquid sink - Fan coil unit needs cleanir	d cleaner - two cans of spray foa		• •	

Do not block openings of A/C unit	▼
Remove non-approved chemicals	▼
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	IAQ Assessr	ment		
Oakridge	Elementary Evaluation Dat	e October 5, 2012	Time of Day	1:00
Outdoor Conditions Tempera	ature 81.6 Relative	e Humidity 86.2	Ambient CO2 4	46
		Range CO % - 60% 118		20
Noticeable Odor No	Visible water damage / staining?	Visible microbial growth?	Amount of material affected	
CeilingHomasoteWallsDrywallFloor12" x 12" Vinyl	No No	No No No		
Ceiling Clean Yes Walls Clean Yes Flooring Clean Yes	HVAC Supply Grills Clean Inside of Supply Duct Clean	Yes N/A	HVAC Return Grills Clean Inside of Return Duct Clean	Yes
Room Surfaces Yes Clean	Ceiling at Supply Grills Clean	Yes		
Trash RemovedYesSigns of PestsNoRoom ClutteredYes	Exhaust Fans Working Drain Traps Wet Food if Stored in Room is in Sealed Containers	Yes N/A N/A	Unapproved Chemicals / Cleaners in Room Air Fresheners in Room	No No
Mechanical Equipment Location Filters Installed Properly Yes	-	Yes	Mechanical Room Clean Inside of HVAC Unit Clean	N/A N/A
Condensate Pan Clean N/A Fresh Air Intake Location	Cooling Coil Clean Behind Bard unit/Exterior wal		Fresh Air Intake Free of Obstruction	Yes
Pollutant Sources Near Air Intake	Grass and landscape	▼		
Observations				
8 bean bag chairs Dust on exhaust fan in restroom Damaged floor by West door (NC 62.7% humidity & 74.4 degrees a	DN-IAQ) ht return			
57.3% humidity & 76.8 degrees a	t instructors desk			

Clean dust from exhaust fan in restroom	▼
Contact COMPASS to generate a work order to	▼
evaluate floor and repair	▼
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Repair HVAC to reduce humidity level	▼
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	IAQ Assessr	nent		
Oakridge	Elementary Evaluation Date	e October 16, 2012	Time of Day	9:00
Outdoor Conditions Tempera	ature 81.3 Relative	Humidity 86.9	Ambient CO2 4	89
		Range CC % - 60% 47		2
Noticeable OdorNoCeiling5' x 10' PanelWallsDrywallElect12" x 12" Vipul	Visible water damage / staining? No No	Visible microbial growth? No No	Amount of material affected	
Floor12" x 12" VinylCeiling CleanYesWalls CleanYesFlooring CleanYesRoom SurfacesYesCleanYes	NO HVAC Supply Grills Clean Inside of Supply Duct Clean Ceiling at Supply Grills Clean	Yes No Yes	HVAC Return Grills Clean Inside of Return Duct Clean	Yes
Trash RemovedYesSigns of PestsNoRoom ClutteredNo	Exhaust Fans Working Drain Traps Wet Food if Stored in Room is in Sealed Containers	N/A Yes N/A	Unapproved Chemicals / Cleaners in Room Air Fresheners in Room	No No
Mechanical Equipment Location Filters Installed Properly Yes Condensate Pan Clean N/A		Yes N/A	Mechanical Room Clean Inside of HVAC Unit Clean	N/A N/A
Fresh Air Intake Location Pollutant Sources Near Air Intake	Outside of Room Oak Trees / pollen allergen so	vurce ▼	Fresh Air Intake Free of Obstruction	Yes
Observations Vinyl sided portable - All walls an replaced	nd floor dry at time of assessm	ent - Exterior wood a	round bard unit rotten nee	ds to be

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	IAQ Assessn	nent		
Oakridge	Elementary Evaluation Date	e October 16, 2012	Time of Day):00
Outdoor Conditions Tempera	ature 81.3 Relative	Humidity 86.9	Ambient CO2 48	89
		Range CO ² % - 60% 1537		21
Noticeable Odor No	Visible water damage / staining?	Visible microbial growth?	Amount of material affected	
Ceiling5' x 10' PanelWallsDrywallFloor12" x 12" Vinyl	Yes Yes No	No No No	2" x 6" over clock 5 Sq Ft Both sides of bac	
Ceiling CleanYesWalls CleanYesFlooring CleanYesRoom SurfacesYesCleanYes	HVAC Supply Grills Clean Inside of Supply Duct Clean Ceiling at Supply Grills Clean	Yes Yes	HVAC Return Grills Clean Inside of Return Duct Clean	Yes
Trash RemovedYesSigns of PestsNoRoom ClutteredNo	Exhaust Fans Working Drain Traps Wet Food if Stored in Room is in Sealed Containers	N/A N/A	Unapproved Chemicals / Cleaners in Room Air Fresheners in Room	No No
Mechanical Equipment Location Filters Installed Properly N/A Condensate Pan Clean N/A		N/A N/A	Mechanical Room Clean Inside of HVAC Unit Clean	N/A N/A
Fresh Air Intake Location Pollutant Sources Near Air Intake	Outside of Unit Tree / Road	▼▼	Fresh Air Intake Free of Obstruction	Yes
Observations Metal skinned portable - small w	/ater stain (6" x 2") over clock - v	wall water damaged bo	oth sides of door at stair	exit

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confective Actions to be completed by FFO
Repair cause of stained ceiling material
Repair stained ceiling material
Repair cause of water damage at door
Replace water damaged material at door
Repair HVAC to reduce CO2

	IAQ Assessme	ent		
Oakridge Elementa	Evaluation Date	October 16, 2012	Time of Day 9:	:00
Outdoor Conditions Temperature	81.3 Relative H	lumidity 86.9	Ambient CO2 48	9
FishTemperatureRange1258VE78.472 - 78	Relative HumidityRate49.030% -	enge CO ² - 60% 1008	Range # Occ MAX 700 > Ambient	cupants 3
Noticeable OdorNoVisCeiling5' x 10' PanelWallsWood PanelingFloor12" x 12" Vinyl	sible water damage / staining? No No	Visible microbial growth?	Amount of material affected	
Ceiling Clean Yes Walls Clean Yes Flooring Clean Yes Room Surfaces Yes Clean	HVAC Supply Grills Clean [Inside of Supply Duct Clean [Ceiling at Supply Grills Clean [Yes Yes Yes	HVAC Return Grills Clean Inside of Return Duct Clean	Yes
Signs of Pests No Room Cluttered No Foo	Exhaust Fans Working Drain Traps Wet od if Stored in Room is Sealed Containers		Unapproved Chemicals / Cleaners in Room Air Fresheners in Room	No No
Mechanical Equipment Location Bard un Filters Installed Properly Yes Condensate Pan Clean N/A	it outside of Portable Filters Clean [Cooling Coil Clean []	Mechanical Room Clean Inside of HVAC Unit Clean	N/A N/A
Fresh Air Intake LocationOutsidePollutant Sources Near Air IntakeTree / Re		▼	Fresh Air Intake Free of Obstruction	Yes
Observations Metal Skinned PE portable - odor of rubbe Assessment.	er balls (3 shopping carts	s full of balls) - All wa	Ils and floor dry at time o	of

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	IAQ Assessr	nent		
Oakridge	e Elementary Evaluation Date	e October 16, 2012	Time of Day):00
Outdoor Conditions Temper	rature 81.3 Relative	Humidity 86.9	Ambient CO2 48	89
		Range CO ² % - 60% 873		cupants 3
Noticeable OdorYesCeiling5' x 10' PanelWallsWood Paneling	Visible water damage / staining? No Yes	Visible microbial growth? No No	Amount of material affected Under all windows	
Floor 12" x 12" Vinyl	No	No		
Ceiling Clean Yes Walls Clean Yes Flooring Clean Yes	HVAC Supply Grills Clean Inside of Supply Duct Clean	Yes	HVAC Return Grills Clean Inside of Return Duct Clean	Yes Yes
Room Surfaces Yes Clean	Ceiling at Supply Grills Clean	No		
Trash RemovedYesSigns of PestsNoRoom ClutteredNo	Exhaust Fans Working Drain Traps Wet Food if Stored in Room is in Sealed Containers	N/A N/A N/A	Unapproved Chemicals / Cleaners in Room Air Fresheners in Room	No No
Mechanical Equipment Location	Bard unit outside of Portable		Mechanical Room Clean	N/A
Filters Installed Properly N// Condensate Pan Clean N//		N/A N/A	Inside of HVAC Unit Clean	N/A
Fresh Air Intake Location Pollutant Sources Near Air Intake	Outside of Unit Trees / Road	▼	Fresh Air Intake Free of Obstruction	Yes
Observations	- I	- 11		
Metal skinned portable - Musty	odor in room - Walls wet under a	all windows		

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	IAQ Assessn	nent		
Oakridge E	Evaluation Date	e October 16, 2012	Time of Day 9:0	0
Outdoor Conditions Temperate	ure 81.3 Relative	Humidity 86.9	Ambient CO2 489	
FishTemperatureRan1270VE71.672 -		Range CO % - 60% 112		upants 17
Noticeable Odor Yes	Visible water damage / staining?	Visible microbial growth?	Amount of material affected	
Ceiling 5' x 10' Panel	Νο	Νο		
Walls Wood Paneling	Yes	No	Under all windows	
Floor 12" x 12" Vinyl	Yes	No	Entire Floor	
Ceiling Clean No Walls Clean Yes	HVAC Supply Grills Clean Inside of Supply	Yes	HVAC Return Grills Clean	Yes
Flooring Clean No	Duct Clean	103	Duct Clean L	Tes
Room Surfaces Yes Clean	Ceiling at Supply Grills Clean	No		
Trash Removed Yes	Exhaust Fans Working	N/A	Unapproved Chemicals /	No
Signs of Pests No	Drain Traps Wet	N/A	Air Fresheners	Na
Room Cluttered No	Food if Stored in Room is in Sealed Containers	N/A	in Room	No
Mechanical Equipment Location	Bard unit outside of Portable		Mechanical Room Clean	N/A
Filters Installed Properly Yes	Filters Clean	Yes	Inside of HVAC Unit Clean	N/A
Condensate Pan Clean N/A	Cooling Coil Clean	N/A		
Fresh Air Intake Location	Outside of Room	▼	Fresh Air Intake Free	Yes
Pollutant Sources Near Air Intake	Trees / Road	▼		
Observations				
Metal skinned portable - Musty od under all windows - ceiling dirty a		/ dirty / wet water con	ning up between tiles - Walls	wet

Corrective Actions to be Completed by Site Based Staff

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Corrective Actions to be Completed by PPO

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