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December 22, 2004

TO: Dr. Timothy Gadson, Principal
Boyd Anderson High School

FROM: Robert J. Krickovich, Project Manager II, Environmental
Facilities and Construction Management

SUBJECT: Indoor Air Quality (IAQ) Assessment
FISH 101, 101A, 101B, 101D, 101G, 101K, 101M, 102, 102A, 102B, 103 and 122

On December 16, 2004 the IAQ Assessment Team conducted an assessment of FISH 101, 101A, 101B, 101D, 101G, 101K, 101M, 102, 102A, 102B, 103 and 122 at **Boyd Anderson High School**. The evaluation consisted of a walkthrough of the identified areas to assess the current condition of the location with regard to indoor air quality. This assessment included observations of the carpet, floor tile, ceiling tile, interior walls, false ceiling plenum, and accessible ventilation equipment.

Attached are the findings of this assessment along with recommendations for further assessment, remediation, or corrective actions, if needed.

Generally, the IAQ Assessment did not identify any existing conditions significantly impacting IAQ and thereby presenting immediate health and safety concerns 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.

Should any questions arise, or if the current concerns continue after the attached recommendations have been addressed, please feel free to contact me at 954-760-7326.

cc: Dr. Harry LaCava, Area Superintendent
Fran Bolden, Area Director
Jeffrey S. Moquin, Director, Risk Management
Israel Rodriguez-Soto, Project Manager II, Facilities and Construction Management
Dane Ramson, Broward Teachers Union
Mark Dorsett, Manager 1, Physical Plant Operations Division, Zone 1

RK/tc

IAQ Assessment

Boyd Anderson High School

Evaluation Requested

Time of Day

Evaluation Date

Outdoor Conditions Temperature Relative Humidity Ambient CO2

Fish	Temperature	Range	Relative Humidity	Range	CO2	Range	# Occupants
<input type="text" value="101"/>	<input type="text" value="68.8"/>	<input type="text" value="72 - 78"/>	<input type="text" value="55.4"/>	<input type="text" value="30% - 60%"/>	<input type="text" value="1068"/>	<input 1,000="" ppm)"="" type="text" value("<=""/>	<input type="text" value="5"/>
Noticeable Odor		Visible water damage / staining?		Visible microbial growth?		Amount of material affected	
<input type="text" value="No"/>		<input type="text" value="No"/>		<input type="text" value="No"/>		<input type="text" value="None"/>	
Ceiling Type	<input type="text" value="2x4 Lay In"/>		<input type="text" value="No"/>	<input type="text" value="No"/>	<input type="text" value="None"/>		
Wall Type	<input type="text" value="Drywall/Wood"/>		<input type="text" value="No"/>	<input type="text" value="No"/>	<input type="text" value="None"/>		
Flooring	<input type="text" value="Vinyl"/>		<input type="text" value="No"/>	<input type="text" value="No"/>	<input type="text" value="None"/>		

	Clean	Minor Dust / Debris	Needs Cleaning	Corrective Action Required
Ceiling	<input type="text" value="No"/>	<input type="text" value="Yes"/>	<input type="text" value="No"/>	<input type="text"/>
Walls	<input type="text" value="Yes"/>	<input type="text" value="No"/>	<input type="text" value="No"/>	<input type="text"/>
Flooring	<input type="text" value="Yes"/>	<input type="text" value="No"/>	<input type="text" value="No"/>	<input type="text"/>
HVAC Supply Grills	<input type="text" value="No"/>	<input type="text" value="Yes"/>	<input type="text" value="Yes"/>	<input type="text" value="Clean with Wexcide disinfectant"/>
HVAC Return Grills	<input type="text" value="Yes"/>	<input type="text" value="No"/>	<input type="text" value="No"/>	<input type="text"/>
Ceiling at Supply Grills	<input type="text" value="No"/>	<input type="text" value="Yes"/>	<input type="text" value="Yes"/>	<input type="text" value="Clean dust from ceiling tiles"/>
Surfaces in Room	<input type="text" value="No"/>	<input type="text" value="Yes"/>	<input type="text" value="Yes"/>	<input type="text" value="Clean/Dust surfaces"/>

Observations

Findings:	<ul style="list-style-type: none"> - Dust and debris on HVAC return grills - Dust on ceiling tiles around HVAC supply grills - Dust/dirt accumulation in HVAC room - Dust and debris on HVAC filters in room 104 (last changed 10/11/04) - Slightly elevated carbon dioxide level detected
Recommendations:	
Site Based Maintenance:	<ul style="list-style-type: none"> - Clean HVAC return grills with wexcide disinfectant solution - Clean dust from ceiling tiles around HVAC supply grills - Clean/dust HVAC room - Change HVAC filters - Continue to monitor this location for any signs of microbial growth as well as dust and debris accumulation and clean as appropriate
Physical Plant Operations Division:	<ul style="list-style-type: none"> - Evaluate and repair as appropriate the fresh air damper in order to lower the carbon dioxide level

IAQ Assessment

Boyd Anderson High School

Evaluation Requested

Time of Day

Evaluation Date

Outdoor Conditions Temperature Relative Humidity Ambient CO2

Fish	Temperature	Range	Relative Humidity	Range	CO2	Range	# Occupants
<input type="text" value="101A"/>	<input type="text" value="69.4"/>	<input type="text" value="72 - 78"/>	<input type="text" value="55.6"/>	<input type="text" value="30% - 60%"/>	<input type="text" value="1068"/>	<input 1,000="" ppm)"="" type="text" value("<=""/>	<input type="text" value="3"/>
Noticeable Odor		Visible water damage / staining?		Visible microbial growth?		Amount of material affected	
<input type="text" value="No"/>		<input type="text" value="No"/>		<input type="text" value="No"/>		<input type="text" value="None"/>	
Ceiling Type	<input type="text" value="2x4 Lay In"/>		<input type="text" value="No"/>	<input type="text" value="No"/>	<input type="text" value="None"/>		
Wall Type	<input type="text" value="Metal"/>		<input type="text" value="No"/>	<input type="text" value="No"/>	<input type="text" value="None"/>		
Flooring	<input type="text" value="Carpet"/>		<input type="text" value="No"/>	<input type="text" value="No"/>	<input type="text" value="None"/>		

	Clean	Minor Dust / Debris	Needs Cleaning	Corrective Action Required
Ceiling	<input type="text" value="Yes"/>	<input type="text" value="No"/>	<input type="text" value="No"/>	<input type="text"/>
Walls	<input type="text" value="Yes"/>	<input type="text" value="No"/>	<input type="text" value="No"/>	<input type="text"/>
Flooring	<input type="text" value="Yes"/>	<input type="text" value="No"/>	<input type="text" value="No"/>	<input type="text"/>
HVAC Supply Grills	<input type="text" value="No"/>	<input type="text" value="Yes"/>	<input type="text" value="Yes"/>	<input type="text" value="Clean with Wexcide disinfectant"/>
HVAC Return Grills	<input type="text" value="No"/>	<input type="text" value="Yes"/>	<input type="text" value="Yes"/>	<input type="text" value="Clean with Wexcide disinfectant"/>
Ceiling at Supply Grills	<input type="text" value="No"/>	<input type="text" value="Yes"/>	<input type="text" value="Yes"/>	<input type="text" value="Clean dust from ceiling tiles"/>
Surfaces in Room	<input type="text" value="No"/>	<input type="text" value="Yes"/>	<input type="text" value="Yes"/>	<input type="text" value="Clean/Dust surfaces"/>

Observations

Findings:

- Dust and debris on HVAC return and supply grills
- Dust on ceiling tiles around HVAC supply grills
- Dust/dirt accumulation on environmental surfaces
- Slightly elevated carbon dioxide level detected

Recommendations:

Site Based Maintenance:

- Clean HVAC return and supply grills with wexcide disinfectant solution
- Clean dust from ceiling tiles around HVAC supply grills
- Clean/dust environmental surfaces
- Continue to monitor this location for any signs of microbial growth as well as dust and debris accumulation and clean as appropriate

Physical Plant Operations Division:

- Evaluate and repair as appropriate the fresh air damper in order to lower the carbon dioxide level

IAQ Assessment

Boyd Anderson High School

Evaluation Requested December 14, 2004

Time of Day 9:00 am

Evaluation Date December 16, 2004

Outdoor Conditions Temperature 71 Relative Humidity 48.4 Ambient CO2 375

Fish	Temperature	Range	Relative Humidity	Range	CO2	Range	# Occupants
101B	67.6	72 - 78	57	30% - 60%	1077	< 1,000 PPM	2
Noticeable Odor		Visible water damage / staining?		Visible microbial growth?		Amount of material affected	
No		No		No		None	
Ceiling Type	2x4 Lay In		No	No	None		
Wall Type	Metal		No	No	None		
Flooring	Vinyl		No	No	None		

	Clean	Minor Dust / Debris	Needs Cleaning	Corrective Action Required
Ceiling	No	Yes	No	
Walls	Yes	No	No	
Flooring	Yes	No	No	
HVAC Supply Grills	Yes	No	No	
HVAC Return Grills	Yes	No	No	
Ceiling at Supply Grills	No	Yes	Yes	Clean dust from ceiling tiles
Surfaces in Room	Yes	No	No	

Observations

Findings:	<ul style="list-style-type: none"> - Dust on ceiling tiles around HVAC supply grills - Renuzit air freshener in room - Slightly elevated carbon dioxide level detected
Recommendations:	
Site Based Maintenance:	<ul style="list-style-type: none"> - Clean dust from ceiling tiles around HVAC supply grills - Remove air freshener from room - Continue to monitor this location for any signs of microbial growth as well as dust and debris accumulation and clean as appropriate
Physical Plant Operations Division:	<ul style="list-style-type: none"> - Evaluate and repair as appropriate the fresh air damper in order to lower the carbon dioxide level

IAQ Assessment

Boyd Anderson High School

Evaluation Requested December 14, 2004

Time of Day 9:00 am

Evaluation Date December 16, 2004

Outdoor Conditions Temperature 71 Relative Humidity 48.4 Ambient CO2 375

Fish	Temperature	Range	Relative Humidity	Range	CO2	Range	# Occupants
101D	68.3	72 - 78	56.4	30% - 60%	1068	< 1,000 PPM	2
Noticeable Odor		Visible water damage / staining?		Visible microbial growth?		Amount of material affected	
No		No		No		None	
Ceiling Type	2x4 Lay In		No	No	None		
Wall Type	Metal/Concrete Block		No	No	None		
Flooring	Carpet		No	No	None		

	Clean	Minor Dust / Debris	Needs Cleaning	Corrective Action Required
Ceiling	No	Yes	No	
Walls	Yes	No	No	
Flooring	Yes	No	No	
HVAC Supply Grills	No	Yes	Yes	Clean with Wexcide disinfectant
HVAC Return Grills	No	Yes	Yes	Clean with Wexcide disinfectant
Ceiling at Supply Grills	Yes	No	No	
Surfaces in Room	Yes	No	No	

Observations

Findings:	<ul style="list-style-type: none"> - Dust and debris on HVAC return and supply grills - Slightly elevated carbon dioxide level detected
Recommendations:	
Site Based Maintenance:	<ul style="list-style-type: none"> - Clean HVAC return and supply grills with wexcide disinfectant solution - Continue to monitor this location for any signs of microbial growth as well as dust and debris accumulation and clean as appropriate
Physical Plant Operations Division:	<ul style="list-style-type: none"> - Evaluate and repair as appropriate the fresh air damper in order to lower the carbon dioxide level

IAQ Assessment

Boyd Anderson High School

Evaluation Requested December 14, 2004

Time of Day 9:00 am

Evaluation Date December 16, 2004

Outdoor Conditions Temperature 71 Relative Humidity 48.4 Ambient CO2 375

Fish	Temperature	Range	Relative Humidity	Range	CO2	Range	# Occupants
101G	69.7	72 - 78	55.2	30% - 60%	1158	< 1,000 PPM	2
Noticeable Odor		Visible water damage / staining?		Visible microbial growth?		Amount of material affected	
No		No		No		None	
Ceiling Type	2x4 Lay In		No	No	None		
Wall Type	Drywall/Wood		No	No	None		
Flooring	Vinyl		No	No	None		

	Clean	Minor Dust / Debris	Needs Cleaning	Corrective Action Required
Ceiling	Yes	No	No	
Walls	Yes	No	No	
Flooring	Yes	No	No	
HVAC Supply Grills	No	Yes	Yes	Clean with Wexcide disinfectant
HVAC Return Grills				N/A
Ceiling at Supply Grills	No	Yes	Yes	Clean dust from ceiling tiles
Surfaces in Room	No	Yes	Yes	Clean/Dust surfaces

Observations

Findings:

- Dust and debris on HVAC supply grills
- Dust on ceiling tiles around HVAC supply grills
- Dust/dirt accumulation on environmental surfaces
- Slightly elevated carbon dioxide level detected

Recommendations:

Site Based Maintenance:

- Clean HVAC supply grills with wexcide disinfectant solution
- Clean dust from ceiling tiles around HVAC supply grills
- Clean/dust environmental surfaces
- Continue to monitor this location for any signs of microbial growth as well as dust and debris accumulation and clean as appropriate

Physical Plant Operations Division:

- Evaluate and repair as appropriate the fresh air damper in order to lower the carbon dioxide level

IAQ Assessment

Boyd Anderson High School

Evaluation Requested December 14, 2004

Time of Day 9:00 am

Evaluation Date December 16, 2004

Outdoor Conditions Temperature 71 Relative Humidity 48.4 Ambient CO2 375

Fish	Temperature	Range	Relative Humidity	Range	CO2	Range	# Occupants
101K	71.7	72 - 78	54	30% - 60%	1228	< 1,000 PPM	3
Noticeable Odor		Visible water damage / staining?		Visible microbial growth?		Amount of material affected	
No		No		No		None	
Ceiling Type	2x4 Lay In		No	No	None		
Wall Type	Concrete Block		No	No	None		
Flooring	Vinyl		No	No	None		

	Clean	Minor Dust / Debris	Needs Cleaning	Corrective Action Required
Ceiling	Yes	No	No	
Walls	Yes	No	No	
Flooring	Yes	No	No	
HVAC Supply Grills	Yes	No	No	
HVAC Return Grills				N/A
Ceiling at Supply Grills	Yes	No	No	
Surfaces in Room	No	Yes	Yes	Clean/Dust surfaces

Observations

Findings:

- Dust/dirt accumulation on environmental surfaces
- Slightly elevated carbon dioxide level detected

Recommendations:

Site Based Maintenance:

- Clean/dust environmental surfaces
- Continue to monitor this location for any signs of microbial growth as well as dust and debris accumulation and clean as appropriate

Physical Plant Operations Division:

- Evaluate and repair as appropriate the fresh air damper in order to lower the carbon dioxide level

IAQ Assessment

Boyd Anderson High School

Evaluation Requested

Time of Day

Evaluation Date

Outdoor Conditions Temperature Relative Humidity Ambient CO2

Fish	Temperature	Range	Relative Humidity	Range	CO2	Range	# Occupants
<input type="text" value="101M"/>	<input type="text" value="70.8"/>	<input type="text" value="72 - 78"/>	<input type="text" value="53.8"/>	<input type="text" value="30% - 60%"/>	<input type="text" value="1200"/>	<input 1,000="" ppm)"="" type="text" value("<=""/>	<input type="text" value="1"/>
Noticeable Odor		Visible water damage / staining?		Visible microbial growth?		Amount of material affected	
<input type="text" value="No"/>		<input type="text" value="Yes"/>		<input type="text" value="No"/>		<input ceiling="" tile)"="" type="text" value("one=""/>	
Ceiling Type	<input in)"="" lay="" type="text" value("2x4=""/>		<input type="text" value("yes)"=""/>	<input type="text" value("no)"=""/>	<input type="text" value("none)"=""/>		
Wall Type	<input block)"="" concrete="" type="text" value("wood=""/>		<input type="text" value("no)"=""/>	<input type="text" value("no)"=""/>	<input type="text" value("none)"=""/>		
Flooring	<input type="text" value("vinyl)"=""/>		<input type="text" value("no)"=""/>	<input type="text" value("no)"=""/>	<input type="text" value("none)"=""/>		

	Clean	Minor Dust / Debris	Needs Cleaning	Corrective Action Required
Ceiling	<input type="text" value="Yes"/>	<input type="text" value="No"/>	<input type="text" value="No"/>	<input type="text"/>
Walls	<input type="text" value="Yes"/>	<input type="text" value="No"/>	<input type="text" value="No"/>	<input type="text"/>
Flooring	<input type="text" value="Yes"/>	<input type="text" value="No"/>	<input type="text" value="No"/>	<input type="text"/>
HVAC Supply Grills	<input type="text" value="Yes"/>	<input type="text" value="No"/>	<input type="text" value="No"/>	<input missing)"="" type="text" value("diffuser=""/>
HVAC Return Grills	<input type="text" value="No"/>	<input type="text" value="Yes"/>	<input type="text" value="Yes"/>	<input disinfectant)"="" type="text" value("clean="" wexcide="" with=""/>
Ceiling at Supply Grills	<input type="text" value="Yes"/>	<input type="text" value="No"/>	<input type="text" value="No"/>	<input type="text"/>
Surfaces in Room	<input type="text" value="No"/>	<input type="text" value="Yes"/>	<input type="text" value="Yes"/>	<input dust="" surfaces)"="" type="text" value("clean=""/>

Observations

Findings:
 - Dust/dirt accumulation on environmental surfaces
 - Slightly elevated carbon dioxide level detected

Recommendations:

Site Based Maintenance:
 - Clean/dust environmental surfaces
 - Continue to monitor this location for any signs of microbial growth as well as dust and debris accumulation and clean as appropriate

Physical Plant Operations Division:
 - Check for leaks - source of stained ceiling tile - at door to room 101K and repair as appropriate and replace ceiling tile
 - Replace diffuser on HVAC box
 - Clean HVAC return grills with wexcide disinfectant solution
 - Evaluate and repair as appropriate the fresh air damper in order to lower the carbon dioxide level

IAQ Assessment

Boyd Anderson High School

Evaluation Requested December 14, 2004

Time of Day 9:00 am

Evaluation Date December 16, 2004

Outdoor Conditions Temperature 71 Relative Humidity 48.4 Ambient CO2 375

Fish	Temperature	Range	Relative Humidity	Range	CO2	Range	# Occupants
102	74.2	72 - 78	50	30% - 60%	1361	< 1,000 PPM	4
Noticeable Odor		Visible water damage / staining?		Visible microbial growth?		Amount of material affected	
Ceiling Type		No		No		None	
Wall Type		No		No		None	
Flooring		No		No		None	

	Clean	Minor Dust / Debris	Needs Cleaning	Corrective Action Required
Ceiling	No	Yes	Yes	
Walls	Yes	No	No	
Flooring	Yes	No	No	
HVAC Supply Grills	Yes	No	No	
HVAC Return Grills				N/A
Ceiling at Supply Grills	No	Yes	Yes	Clean dust from ceiling tiles
Surfaces in Room	No	Yes	Yes	Clean/Dust surfaces

Observations

Findings:

- Dust on ceiling tiles around HVAC supply grills
- Dust/dirt accumulation on environmental surfaces
- Slightly elevated carbon dioxide level detected

Recommendations:

Site Based Maintenance:

- Clean dust from ceiling tiles around HVAC supply grills
- Clean/dust environmental surfaces
- Continue to monitor this location for any signs of microbial growth as well as dust and debris accumulation and clean as appropriate

Physical Plant Operations Division:

- Evaluate and repair as appropriate the fresh air damper in order to lower the carbon dioxide level

IAQ Assessment

Boyd Anderson High School

Evaluation Requested December 14, 2004

Time of Day 9:00 am

Evaluation Date December 16, 2004

Outdoor Conditions Temperature 71 Relative Humidity 48.4 Ambient CO2 375

Fish	Temperature	Range	Relative Humidity	Range	CO2	Range	# Occupants
102A	73.7	72 - 78	50.4	30% - 60%	1449	< 1,000 PPM	12
Noticeable Odor		Visible water damage / staining?		Visible microbial growth?		Amount of material affected	
No		No		No		None	
Ceiling Type	2x4 Lay In		No	No	None		
Wall Type	Drywall		No	No	None		
Flooring	Vinyl		No	No	None		

	Clean	Minor Dust / Debris	Needs Cleaning	Corrective Action Required
Ceiling	No	Yes	Yes	
Walls	Yes	No	No	
Flooring	Yes	No	No	
HVAC Supply Grills	Yes	No	No	
HVAC Return Grills				N/A
Ceiling at Supply Grills	No	Yes	Yes	Clean dust from ceiling tiles
Surfaces in Room	No	Yes	Yes	Clean/Dust surfaces

Observations

Findings:

- Dust on ceiling tiles around HVAC supply grills
- Dust/dirt accumulation on environmental surfaces
- Slightly elevated carbon dioxide level detected

Recommendations:

Site Based Maintenance:

- Clean dust from ceiling tiles around HVAC supply grills
- Clean/dust environmental surfaces
- Continue to monitor this location for any signs of microbial growth as well as dust and debris accumulation and clean as appropriate

Physical Plant Operations Division:

- Evaluate and repair as appropriate the fresh air damper in order to lower the carbon dioxide level

IAQ Assessment

Boyd Anderson High School

Evaluation Requested December 14, 2004

Time of Day 9:00 am

Evaluation Date December 16, 2004

Outdoor Conditions Temperature 71 Relative Humidity 48.4 Ambient CO2 375

Fish	Temperature	Range	Relative Humidity	Range	CO2	Range	# Occupants
102B	73.2	72 - 78	51.1	30% - 60%	1515	< 1,000 PPM	1
Noticeable Odor		Visible water damage / staining?		Visible microbial growth?		Amount of material affected	
No		No		No		None	
Ceiling Type	2x4 Lay In		No	No	None		
Wall Type	Metal		No	No	None		
Flooring	Vinyl		No	No	None		

	Clean	Minor Dust / Debris	Needs Cleaning	Corrective Action Required
Ceiling	No	Yes	Yes	
Walls	Yes	No	No	
Flooring	Yes	No	No	
HVAC Supply Grills	Yes	No	No	
HVAC Return Grills	Yes	No	No	
Ceiling at Supply Grills	Yes	No	No	
Surfaces in Room	No	Yes	Yes	Clean/Dust surfaces

Observations

Findings:

- Dust/dirt accumulation on environmental surfaces
- Glade Plug In air freshener in room
- Slightly elevated carbon dioxide level detected

Recommendations:

Site Based Maintenance:

- Clean/dust environmental surfaces
- Remove air freshener from room
- Continue to monitor this location for any signs of microbial growth as well as dust and debris accumulation and clean as appropriate

Physical Plant Operations Division:

- Evaluate and repair as appropriate the fresh air damper in order to lower the carbon dioxide level

IAQ Assessment

Boyd Anderson High School

Evaluation Requested December 14, 2004

Time of Day 9:00 am

Evaluation Date December 16, 2004

Outdoor Conditions Temperature 71 Relative Humidity 48.4 Ambient CO2 375

Fish	Temperature	Range	Relative Humidity	Range	CO2	Range	# Occupants
103	69.9	72 - 78	55.5	30% - 60%	1285	< 1,000 PPM	12
Noticeable Odor		Visible water damage / staining?		Visible microbial growth?		Amount of material affected	
No		Yes		No		One Ceiling Tile	
Ceiling Type		Yes		No		One Ceiling Tile	
2x4 Lay In		No		No		None	
Wall Type		No		No		None	
Metal/Wood/Block		No		No		None	
Flooring		No		No		None	
Carpet		No		No		None	

	Clean	Minor Dust / Debris	Needs Cleaning	Corrective Action Required
Ceiling	No	Yes	Yes	
Walls	Yes	No	No	
Flooring	No	Yes	Yes	
HVAC Supply Grills	No	Yes	Yes	Clean with Wexcide disinfectant
HVAC Return Grills	No	Yes	Yes	Clean with Wexcide disinfectant
Ceiling at Supply Grills	No	Yes	Yes	Clean dust from ceiling tiles
Surfaces in Room	No	Yes	Yes	Clean/Dust surfaces

Observations

Findings:

- Dust and debris on ceiling tiles
- Dust and debris on flooring
- Dust and debris on HVAC return and supply grills
- Dust on ceiling tiles around HVAC supply grills
- Dust/dirt accumulation on environmental surfaces
- Slightly elevated carbon dioxide level detected

Recommendations:

Site Based Maintenance:

- Clean/dust ceiling tiles
- Clean and sanitize flooring
- Clean HVAC return and supply grills with wexcide disinfectant solution
- Clean dust from ceiling tiles around HVAC supply grills
- Clean/dust environmental surfaces
- Continue to monitor this location for any signs of microbial growth as well as dust and debris accumulation and clean as appropriate

Physical Plant Operations Division:

- Check for leaks - source of stained ceiling tile - by light fixture between 103A and 103B and repair as appropriate and replace ceiling tile
- Evaluate and repair as appropriate the fresh air damper in order to lower the carbon dioxide level

IAQ Assessment

Boyd Anderson High School

Evaluation Requested December 14, 2004

Time of Day 9:00 am

Evaluation Date December 16, 2004

Outdoor Conditions Temperature 71 Relative Humidity 48.4 Ambient CO2 375

Fish	Temperature	Range	Relative Humidity	Range	CO2	Range	# Occupants
122	70.7	72 - 78	50.8	30% - 60%	1633	< 1,000 PPM	2
Noticeable Odor		Visible water damage / staining?		Visible microbial growth?		Amount of material affected	
No		No		No		None	
Ceiling Type	2x4 Lay In		No	No	None		
Wall Type	Drywall		No	No	None		
Flooring	Vinyl		No	No	None		

	Clean	Minor Dust / Debris	Needs Cleaning	Corrective Action Required
Ceiling	No	Yes	Yes	
Walls	Yes	No	No	
Flooring	Yes	No	No	
HVAC Supply Grills	Yes	No	No	
HVAC Return Grills	Yes	No	No	
Ceiling at Supply Grills	Yes	No	No	
Surfaces in Room	Yes	No	No	

Observations

Findings:
 - Slightly elevated carbon dioxide level detected

Recommendations:

Site Based Maintenance:
 - Continue to monitor this location for any signs of microbial growth as well as dust and debris accumulation and clean as appropriate

Physical Plant Operations Division:
 - Evaluate and repair as appropriate the fresh air damper in order to lower the carbon dioxide level