



# All Points Environmental, LLC

Asbestos Consulting • Industrial Hygiene • Safety  
Indoor Air Quality • Training • Environmental

<http://www.allpointsenvironmental.net>

500 N. Water St., Ste. 605 • Corpus Christi, Texas 78401  
(361) 882-3393 • Fax: (361) 883-1511

## NAVFAC Kingsville

IN-DOOR AIR QUALITY  
BUILDING 4711  
KINGSVILLE, TEXAS

CA.051.035



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March 26, 2015

Mr. David Cirilo  
NAV FAC  
Naval Air Station  
201 Nimitz Drive  
Kingsville, Texas 78323

**Re: Indoor Air Quality Baseline for Building 4711**

Dear Mr. Cirilo:

All Points Environmental LLC, conducted a mold baseline and a visual inspection of the A/C System at the building mentioned above.

The sampling was conducted on March 24, 2015. It consisted of taking five air samples to establish qualitatively and quantitatively the types of mold, if any that was present.

The analysis report was received on March 25, 2015. The air samples revealed that the inside concentrations of mold were lower than the outside concentrations. There was no visible mold growth in the areas tested; except in the Return Air System. (*High levels of pollen and dirt were identified on the air samples*).

The Air Conditioning Unit will need to be worked on by a professional Air Conditioning Company as soon as possible. Refer to Photos.

If you have any questions or require additional information, you may first contact Mr. Armando Medina at (361) 882-3393.

Sincerely,

James H. Griffin, CSP

President

DSHS Mold Assessment Consultant

#MAC0346

**NAVFAC**

**Bldg. 4711**

**CM.051.035**



**Naval Air Station  
Building 4711  
Kingsville, Texas**



**Air Sample: 05-1**  
**Lab Results: 57 cts**  
**Temperature: 75°**  
**Relative Humidity: 60%**

**Air levels are within normal ranges in comparison to the outside sample.**

**Technician Area.**



**Air Sample: 05-2**  
**Lab Results: 92 cts**  
**Temperature: 77°**  
**Relative Humidity: 62.5%**

**Air levels are within normal ranges in comparison to the outside sample.**

**Conference Room.**



**Front Entrance**

**Air Sample: 05-3  
Lab Results: 84 cts  
Temperature: 77.9°  
Relative Humidity: 60.6%**

**Air levels are within normal ranges in comparison to the outside sample.**



**Facilities Management**

**Air Sample: 05-4  
Lab Results: 60 cts  
Temperature: 77°  
Relative Humidity: 58.4%**

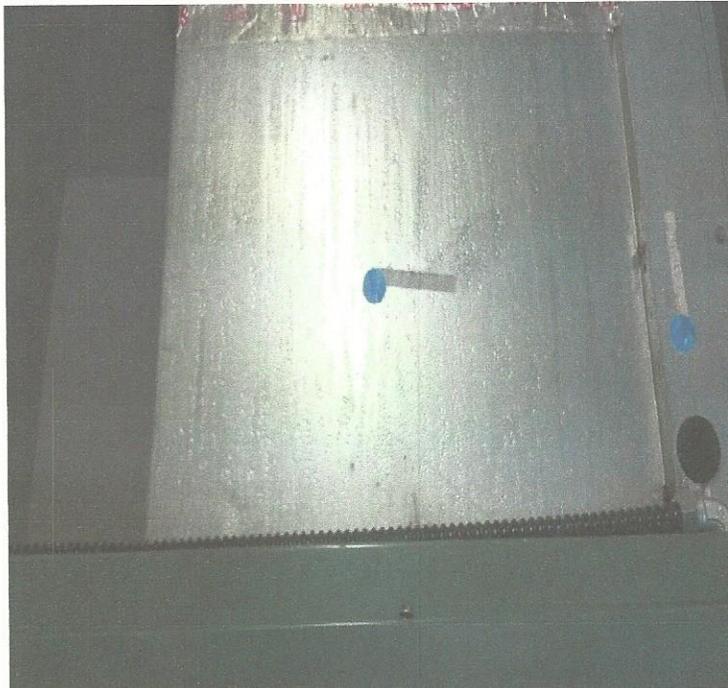
**Air levels are within normal ranges in comparison to the outside sample.**



Outside Sample

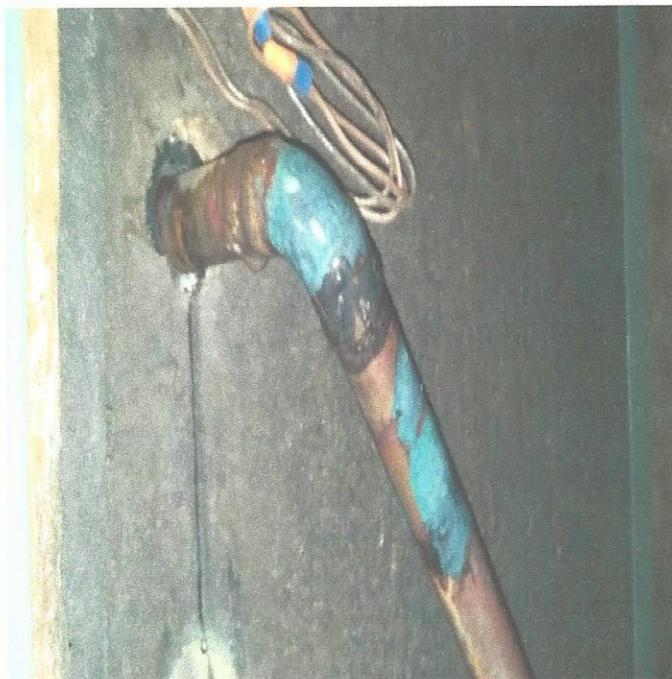
**Lab Results: 355 cts**  
**Air Sample: 05-5**  
**Temperature: 85°**  
**Relative Humidity: 63%**

A/C Unit



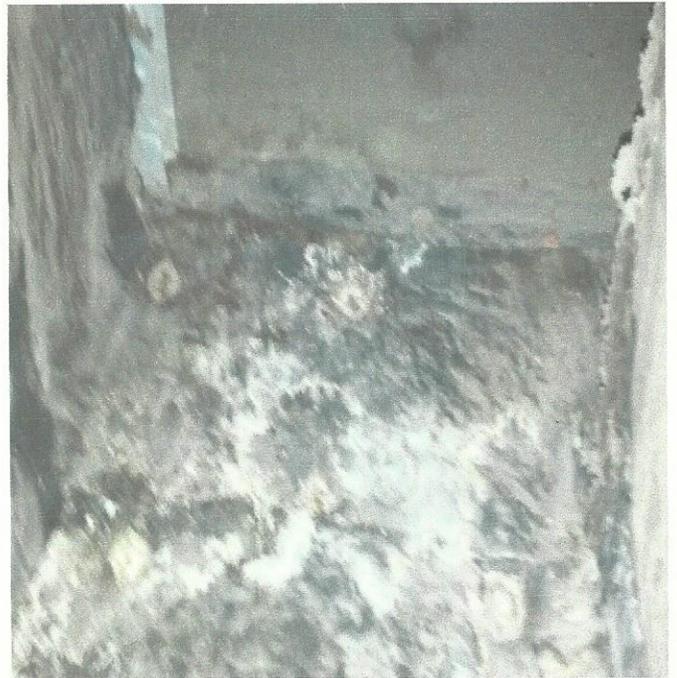
**Metal A/C Duct above unit creating condensation.**

**Copper pipes need to be insulated.**



**Condensation from pipes dripping on Air Filters.**

**Air filters soaked with water dripping into the Return Air System.**



**And creating Mold growth on Insulation.**

**Drain pipe leaking water on Metal A/C Duct.**



**Dirt accumulating on A/C Registers inside the building.**



# ALL POINTS ENVIRONMENTAL, LLC

## Chain of Custody

Date Collected: <u>03/24/2015</u>	Date Sent: <u>03/24/2015</u>
Contact: <u>Armando Medina</u>	Contact: <u>David Cirilo</u>
Company: <u>All Points Environmental, llc</u>	Company: <u>NAVAFAC</u>
Address: <u>500 N. Water Street, Suite # 605 Corpus Christi, TX 78401</u>	Address: <u>NAVAL Air Station Kingsville, TX</u>
Phone: <u>(361) 882-3393</u>	Phone: <u>(361) 516-6046</u>
Turn Around Time: Critical / ASAP: <u>   </u> 2 Hr <input checked="" type="checkbox"/> 4 Hr / <u>   </u> 24 Hr <u>   </u> 48 Hr / Routine: <u>   </u> 3 Day <u>   </u> 5 Day	
Project Number / Name: <u>CM. 051.035 / Building 4711</u>	
<u><input checked="" type="checkbox"/> Mycology(Mold) Spore Trap-Air Samples</u> Fungal/Mold spore count by Air-O-Cell, Cycloex (d), Bio-Cell or other spore trap cassette/device.	<u><input type="checkbox"/> Mycology(Mold) Bulk ID Samples</u> Fungal/Mold Identification - bulk sample, tape lift, swab

Sample #:	Location / Description:	Volume	Instructions
<u>05-1</u>	<u>TECHNICIAN AREA</u>	<u>20 L</u>	<u>Spore Cts</u>
<u>05-2</u>	<u>Conference Room</u>	↓	↓
<u>05-3</u>	<u>Front Entrance</u>	↓	↓
<u>05-4</u>	<u>Facilities Mngt.</u>	↓	↓
<u>05-5</u>	<u>Outside</u>		

Relinquished by: <u>A. Medina</u>	Received by: <u>[Signature]</u>
Date: <u>03/24/15</u> Time: <u>4:45 p.m.</u>	Date: <u>3/25/15</u> Time: <u>          </u>
1245 W. Cardinal Drive, Beaumont, Texas 77705 * Phone: (409)842-4094 Fax: (409) 842-4099	

# ALL POINTS ENVIRONMENTAL, LLC LABORATORIES

1245 W. Cardinal Dr. Beaumont, TX 77705  
(409)842-4094 ~ (409)842-4099FAX

Client: NAVFAC  
Naval Air Station  
Kingsville TX

Date Received: 03/25/2015  
Date Reported: 03/25/2015

RESULTS OF ANALYSIS  
Project: CM.051.035  
Naval Air Station - Building 4711

Sample Identification	Sample Volume (L)	Results		(%)
<b>05-1, Technician</b>		100		
Impact Slide				
<i>Aspergillus/Penicillium</i>		42 cts	420 cts/m <sup>3</sup>	73.7
<i>Cladosporium</i>		15 cts	150 cts/m <sup>3</sup>	26.3
Total Spore Count:		57 cts	570 cts/m <sup>3</sup>	100.0
<b>05-2, Conference Room</b>		100		
Impact Slide				
<i>Aspergillus/Penicillium</i>		69 cts	690 cts/m <sup>3</sup>	75.0
<i>Ascospores</i>		4 cts	40 cts/m <sup>3</sup>	4.3
<i>Cladosporium</i>		19 cts	190 cts/m <sup>3</sup>	20.7
Total Spore Count:		92 cts	920 cts/m <sup>3</sup>	100.0
<b>05-3, Front Entrance</b>		100		
Impact Slide				
<i>Aspergillus/Penicillium</i>		34 cts	340 cts/m <sup>3</sup>	40.5
<i>Cladosporium</i>		50 cts	500 cts/m <sup>3</sup>	59.5
Total Spore Count:		84 cts	840 cts/m <sup>3</sup>	100.0
<b>05-4, Facilities Management</b>		100		
Impact Slide				
<i>Aspergillus/Penicillium</i>		26 cts	260 cts/m <sup>3</sup>	39.4
<i>Cladosporium</i>		35 cts	350 cts/m <sup>3</sup>	53.0
<i>Nigrospora</i>		5 cts	50 cts/m <sup>3</sup>	7.6
Total Spore Count:		66 cts	660 cts/m <sup>3</sup>	100.0
<b>05-5, Outside</b>		100		
Impact Slide				
<i>Aspergillus/Penicillium</i>		114 cts	1140 cts/m <sup>3</sup>	32.1
<i>Alternaria</i>		9 cts	90 cts/m <sup>3</sup>	2.5
<i>Ascospores</i>		29 cts	290 cts/m <sup>3</sup>	8.2
<i>Basidiospores</i>		16 cts	160 cts/m <sup>3</sup>	4.5
<i>Cladosporium</i>		168 cts	1680 cts/m <sup>3</sup>	47.3
<i>Cercospora</i>		19 cts	190 cts/m <sup>3</sup>	5.4
Total Spore Count:		355 cts	3550 cts/m <sup>3</sup>	100.0

**Fungal Spores:**

Few= 1 - 10 spores

Moderate= 10 - 75 spores

Heavy= 75 plus spores

Saturated= fruiting structures

Fruiting Structures= hyphae/sporangia present, indicating active growth



Richard Griffin

Laboratory Manager

TDSHS License# LAB1008

APE: 032515#1