

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. CONTRACT ID CODE	PAGE OF PAGES	
2. AMENDMENT/MODIFICATION NO. 0001		3. EFFECTIVE DATE 06-Apr-2016	4. REQUISITION/PURCHASE REQ. NO.		5. PROJECT NO.(If applicable) 1   2
6. ISSUED BY NAVFAC SOUTHEAST SOUTH TEXAS AREA PWD CORPUS CHRISTI/PWD INGLESIDE 8851 OCEAN DRIVE, BLDG 19 CORPUS CHRISTI TX 78419-5525		CODE N69450	7. ADMINISTERED BY (If other than item 6) <b>See Item 6</b>		CODE
8. NAME AND ADDRESS OF CONTRACTOR (No., Street, County, State and Zip Code)			X	9A. AMENDMENT OF SOLICITATION NO. N69450-16-Q-3228	
			X	9B. DATED (SEE ITEM 11) 25-Mar-2016	
				10A. MOD. OF CONTRACT/ORDER NO.	
				10B. DATED (SEE ITEM 13)	
CODE		FACILITY CODE			
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS					
<input checked="" type="checkbox"/> The above numbered solicitation is amended as set forth in Item 14. The hour and date specified for receipt of Offer <input type="checkbox"/> is extended, <input checked="" type="checkbox"/> is not extended. Offer must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended by one of the following methods: (a) By completing Items 8 and 15, and returning <u>1</u> copies of the amendment; (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.					
12. ACCOUNTING AND APPROPRIATION DATA (If required)					
13. THIS ITEM APPLIES ONLY TO MODIFICATIONS OF CONTRACTS/ORDERS. IT MODIFIES THE CONTRACT/ORDER NO. AS DESCRIBED IN ITEM 14.					
A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify authority) THE CHANGES SET FORTH IN ITEM 14 ARE MADE IN THE CONTRACT ORDER NO. IN ITEM 10A.					
B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO REFLECT THE ADMINISTRATIVE CHANGES (such as changes in paying office, appropriation date, etc.) SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR 43.103(B).					
C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:					
D. OTHER (Specify type of modification and authority)					
E. IMPORTANT: Contractor <input type="checkbox"/> is not, <input type="checkbox"/> is required to sign this document and return _____ copies to the issuing office.					
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCF section headings, including solicitation/contract subject matter where feasible.)  LEAD TESTING REPORTS ARE HEREBY PROVIDED AS A SEPARATE ATTACHMENT.					
Except as provided herein, all terms and conditions of the document referenced in Item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.					
15A. NAME AND TITLE OF SIGNER (Type or print)			16A. NAME AND TITLE OF CONTRACTING OFFICER (Type or print) JOEL OVERSON / CONTRACTING OFFICER TEL: 361-961-3397 EMAIL: joel.overson@navy.mil		
15B. CONTRACTOR/OFFEROR  _____ (Signature of person authorized to sign)		15C. DATE SIGNED	16B. UNITED STATES OF AMERICA  BY _____ (Signature of Contracting Officer)		16C. DATE SIGNED  06-Apr-2016

SECTION SF 30 BLOCK 14 CONTINUATION PAGE

**SUMMARY OF CHANGES**

(End of Summary of Changes)



## Limited Asbestos Survey Report

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MARCH 24, 2016

### HANGER 42, 3<sup>RD</sup> DECK CORPUS CHRISTI, TEXAS

PREPARED FOR:

NAVAL AIR STATION CORPUS CHRISTI

PREPARED BY:

ENVIROTEST LLC  
5151 FLYNN PARKWAY, SUITE 406  
CORPUS CHRISTI, TEXAS 78411  
(361) 887-9400

ENVIROTEST PROJECT NUMBER: 16-7322

HOUSTON • CORPUS CHRISTI • BEAUMONT



March 30, 2016

Mr. Yong Choe  
Naval Air Station Corpus Christi  
Public Works Bldg. #10  
Corpus Christi, TX

**RE: Limited Asbestos Inspection**  
**Hanger 42, 3<sup>rd</sup> Deck**  
**Corpus Christi, Texas**  
**Envirotest Project Number: 16-7322**

Dear Mr. Choe:

Enclosed is the report for the Limited Asbestos Inspection performed at Hanger 42, 3<sup>rd</sup> Deck of the Naval Air Station located in Corpus Christi, Texas. Mr. Paul Kass of Envirotest, Ltd performed the sampling on March 24, 2016. Mr. Kass is licensed with the Department of State Health Services as an Asbestos Inspector (# 60-2824).

#### **SCOPE OF WORK**

The scope of this project was limited to suspect asbestos-containing materials associated with the building at the above-referenced address. Fifteen (15) samples of suspect asbestos containing materials were collected. **No asbestos was detected in any of the samples collected.**

#### **Suspect Materials Tested**

During the inspection, sampled materials were assigned a sample number and a homogenous area number. Samples were collected of each area and the friability and condition of the suspect material was assessed.

Table 1 contains the homogenous area numbers, material types, material descriptions, material locations, condition assessments, and a summary of the analytical results.

Table 2 correlates each sample number to its homogenous area number. Analytical results and a list of definitions can be found following the text of this report.



### **Analytical Methods**

All analyses were performed at the Envirotest Ltd. laboratory using standard oil immersion and optical staining techniques. Envirotest, Ltd. is an American Industrial Hygiene Association (AIHA) accredited laboratory (ID #10643), a National Institute of Standards and Technology NVLAP-accredited laboratory (#101595), and licensed by the Department of State Health Services (#30-0005) for asbestos laboratory analysis.

### **Limitations**

This sampling report does not guarantee that additional ACM is not present. The scope of this project was limited to the materials sampled within this report. Areas such as, but not limited to, beneath existing flooring, interior or all ductwork, areas above suspended ceilings, interior of all electrical components, and all other portions of the building not designated in the Scope of Work, including the exterior of the building, were specifically excluded.

The following analytical results pertain to only the samples analyzed and may not reflect the actual composition of the entire homogeneous area. Envirotest, Ltd. assumes no responsibility for any subsequent use or interpretations of these analytical results. This report must not be used to claim product endorsement by NVLAP or any other state or federal government agency.

If you have any questions regarding the inspection report, please call. We appreciate the opportunity to be of service to you.

Sincerely,

Paul Kass  
Asbestos Inspector (#60-2824)  
Envirotest, LLC

Alex Fuhrmann  
Asbestos Consultant (#10-5629)  
Envirotest, LLC



### **List of Definitions**

**Asbestos-Containing Material (ACM)** - any material containing more than one percent asbestos (chrysotile, amosite, crocidolite, tremolite asbestos, anthophyllite asbestos, actinolite asbestos).

**Demolition** - the wrecking or taking out of any load-supporting structure member and any related razing, removing, or stripping of asbestos products.

**Disturbance** - contact which releases fibers from ACM or debris containing ACM including activities which that disrupts the matrix of ACM, render ACM friable, or generate visible debris.

**Encapsulation** - a method of control of asbestos fibers in which the surface of ACM is penetrated by or covered with a liquid coating prepared for that purpose.

**Enclosure** - the construction of an airtight, impermeable, semi-permanent barrier surrounding asbestos to prevent the release of asbestos fibers into the air.

**Fiber** - a particulate form of asbestos, 5 micrometers or longer, with a length-to diameter ratio of at least 3 to 1.

**Friable Materials** - any material that when dry can be crumbled, pulverized, or reduced to powder by hand pressure.

**Homogeneous Area** - an area of surfacing material or thermal system that is uniform in color and texture.

**Intact** - means that the ACM has not crumbled, been pulverized, or otherwise deteriorated so that it is no longer likely to be bound with its matrix.

**Removal** - all operations where ACM is taken out or stripped from structures or substrates, and includes demolition operations.

**Renovation** - the modifying of any existing structure, or portion thereof.

**Repair** - overhauling, rebuilding, reconstructing, or reconditioning of structures or substrates, including encapsulation or other repair of ACM attached to structures or substrates.



## Tables I & II

## Polarized Light Microscopy Laboratory Analytical Results

## Sample Location Map



**TABLE 1 - SAMPLE MATERIAL SUMMARY**

**NASCC  
Hanger 42, 3<sup>rd</sup> Deck  
Corpus Christi, Texas**

*H.A.	MATERIAL NAME	MATERIAL DESCRIPTION	MATERIAL LOCATION	CONDITION	FRIABLE	ASBESTOS-CONTAINING MATERIAL
1	Drywall	White Powder W/Brown Fibrous Material	Walls of Hangar 42 3 <sup>rd</sup> Deck	Good	Yes	No
2	Joint Compound	White Powder	Walls of Hangar 42 3 <sup>rd</sup> Deck	Good	Yes	No
3	Floor Tile and Mastic	12x12 White W/Grey Specks W/Yellow Mastic	Floors of Hangar 42 3 <sup>rd</sup> Deck	Good	No	No
4	Ceiling Tile	Tan Fibrous Material W/White Paint	Ceilings of Hangar 42 3 <sup>rd</sup> Deck	Good	Yes	No
5	Cove Base Mastic	Yellow Mastic	Edges of Flooring of Hangar 42 3 <sup>rd</sup> Deck	Good	No	No

\*=Homogeneous Area

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**TABLE II: SAMPLE NUMBER ↔ HOMOGENEOUS AREA**  
**NASCC**  
**Hanger 42, 3<sup>rd</sup> Deck**  
**Corpus Christi, Texas**

SAMPLE #	*H.A.	SAMPLE LOCATION
1	1	North Corner of 3 <sup>rd</sup> Deck
2	1	HVAC Ducting of 3 <sup>rd</sup> Deck
3	1	South Corner of 3 <sup>rd</sup> Deck
4	2	North Corner of 3 <sup>rd</sup> Deck
5	2	HVAC Ducting of 3 <sup>rd</sup> Deck
6	2	South Corner of 3 <sup>rd</sup> Deck
7	3	North Corner of 3 <sup>rd</sup> Deck
8	3	HVAC Ducting of 3 <sup>rd</sup> Deck
9	3	South Corner of 3 <sup>rd</sup> Deck
10	4	North Corner of 3 <sup>rd</sup> Deck
11	4	HVAC Ducting of 3 <sup>rd</sup> Deck
12	4	South Corner of 3 <sup>rd</sup> Deck
13	5	North Corner of 3 <sup>rd</sup> Deck
14	5	HVAC Ducting of 3 <sup>rd</sup> Deck
15	5	South Corner of 3 <sup>rd</sup> Deck

\* = Homogeneous Area

Envirotest, Ltd.

Polarized Light Microscopy Report

Project: 16-7322 Naval Air Station Corpus Christi : Lead & Asb. Insp. NASCC Hanger 42, 3rd Deck

Analytical Method: EPA 600 / R-93 / 116

Analyst Name: Rabb, Logan

Analyst's Initials: JLR

Client Name: Naval Air Station Corpus Christi  
 Client Reference: Hanger 42 3rd Deck Naval Air Station Corpus Christi  
 Batch Number: 3101

Layer ID	Date Analyzed	Client Sample #	Layer #	Layer Description	Asbestos Present	Asbestos Type	%	Non-Asb./Matrix Fiber Type	%
30560	3/30/2016	1	1	Brown Fibrous Material	No			Cellulose	70%
30561	3/30/2016	1	2	White Chalky Material	No			Cellulose Fiberglass	<1% 5%
30562	3/30/2016	2	1	Off White Chalky Material	No			Cellulose Fiberglass	<1% 5%
30563	3/30/2016	3	1	Off White Chalky Material	No			Cellulose Fiberglass	<1% 5%
30564	3/30/2016	4	1	White Powder	No			Cellulose	<1%
30566	3/30/2016	5	1	White Powder	No			Cellulose	<1%
30567	3/30/2016	6	1	White Powder	No			Cellulose	<1%
30568	3/30/2016	7	1	Off White Tile	No			Cellulose	<1%
30569	3/30/2016	7	2	Yellow Mastic	No			Cellulose Fiberglass	<1% <1%
30570	3/30/2016	8	1	Off White Tile	No			Cellulose	<1%
30571	3/30/2016	8	2	Yellow Mastic	No			Cellulose	<1%
30574	3/30/2016	9	1	Off White Tile	No			Cellulose	<1%
30575	3/30/2016	9	2	Yellow Mastic	No			Cellulose	<1%
30576	3/30/2016	10	1	White Paint / Off White Fibrous Material	No			Cellulose Mineral/Glass Wool	60% 10%
30577	3/30/2016	11	1	White Paint / Off White Fibrous Material	No			Cellulose Mineral/Glass Wool	60% 10%
30578	3/30/2016	12	1	White Paint / Off White Fibrous Material	No			Cellulose Mineral/Glass Wool	60% 10%
30579	3/30/2016	13	1	Blue / White Rubbery Material	No			Cellulose	<1%
30580	3/30/2016	13	2	Tan Mastic	No			Cellulose	<1%
30581	3/30/2016	14	1	Blue / Off White Rubbery Material	No			Cellulose	<1%
30582	3/30/2016	14	2	Tan Mastic	No			Cellulose	2%
30583	3/30/2016	15	1	Blue / Off White Rubbery Material	No			Cellulose	<1%
30584	3/30/2016	15	2	Tan Mastic	No			Cellulose	2%

Envirotest, Ltd.

Polarized Light Microscopy Report

Project: 16-7322 Naval Air Station Corpus Christi : Lead & Asb. Insp. NASCC Hanger 42, 3rd Deck

Analytical Method: EPA 600 / R-93 / 116

Analyst Name: Rabb, Logan

Analyst's Initials: JLR

Client Name: Naval Air Station Corpus Christi  
Client Reference: Hanger 42 3rd Deck Naval Air Station Corpus Christi  
Batch Number: 3101

Asbestos content percentages are reported by area percent estimation. < = less than, > = greater than. Conversion of area percent to dry weight is not feasible unless the specific gravities and relative volumes of the different matrix materials are known. Accuracy and precision of the analysis is dependent upon the following items: quantity of sample analyzed, homogeneity of the sample, nature of matrix interference, sample preparation techniques, fiber size, material type, and the percent of asbestos involved. Asbestos may be detected in concentrations of <1% by area if sufficient material is analyzed. The minimum detection limit for asbestos analysis is less than one percent by area visual estimation.

Inhomogeneous samples are separated into sub-samples and each layer is analyzed and reported separately, where applicable.

Job notes / analytical problems / method departures:

Reviewed By: 

# Chain of Custody

Envirotest Job# 16-7322



BATCH  
3101

**Project Name/Location:** Hangar 42 3rd Deck  
Naval Air Station Corpus Christi

**Samples Taken By:** M.P. Kass

**Date & Time Sampled:** 3-24-2016 17:00

**TURN AROUND TIME**

Immediate

Same Day

24 Hour

48 Hour

3-5 Days

Time begins after receipt of samples in lab

**REPORT TO BE SENT TO:**

Company: Paul and Stacy

Address: \_\_\_\_\_

Contact Name: \_\_\_\_\_

Phone: \_\_\_\_\_ Fax: \_\_\_\_\_

Email: \_\_\_\_\_

Client Job# \_\_\_\_\_

Client PO# \_\_\_\_\_

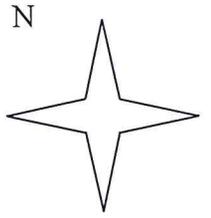
<b>SAMPLE MEDIA AND METHODOLOGY</b>		<b>Enter Total Number of Samples:</b> <span style="border: 1px solid black; padding: 2px;">15</span>											
<p><b>PLM (BULK)</b></p> <p><input checked="" type="checkbox"/> EPA – Method #600/R-93/116</p> <p><input type="checkbox"/> Point Count</p> <p><b>PCM (AIR)</b></p> <p><input type="checkbox"/> NOISH 7400</p>	<p><b>TEM (AIR &amp; BULK)</b></p> <p><input type="checkbox"/> AHERA (Air)</p> <p><input type="checkbox"/> NIOSH 7402 (Air)</p> <p><input type="checkbox"/> Qualitative (Bulk)</p> <p><input type="checkbox"/> Chatfield (Bulk)</p>	<p style="text-align: center;"><b>METALS</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: left;">MATRIX</th> <th style="text-align: left;">ANALYSIS</th> </tr> </thead> <tbody> <tr> <td><input type="checkbox"/> Air</td> <td><input type="checkbox"/> Lead</td> </tr> <tr> <td><input type="checkbox"/> Bulk</td> <td><input type="checkbox"/> Chromium</td> </tr> <tr> <td><input type="checkbox"/> Wipe</td> <td><input type="checkbox"/> Cadmium</td> </tr> <tr> <td><input type="checkbox"/> TCLP</td> <td><input type="checkbox"/> _____</td> </tr> </tbody> </table>	MATRIX	ANALYSIS	<input type="checkbox"/> Air	<input type="checkbox"/> Lead	<input type="checkbox"/> Bulk	<input type="checkbox"/> Chromium	<input type="checkbox"/> Wipe	<input type="checkbox"/> Cadmium	<input type="checkbox"/> TCLP	<input type="checkbox"/> _____	<p style="text-align: center;"><b>MICROBIOLOGY</b></p> <p style="text-align: center;"><b>MOLD SAMPLE MATRIX</b></p> <p><input type="checkbox"/> Bulk / Tape</p> <p><input type="checkbox"/> Air-O-Cell</p> <p><input type="checkbox"/> Swab / Wipe</p> <p><input type="checkbox"/> Culture</p> <p><input type="checkbox"/> Contents</p>
MATRIX	ANALYSIS												
<input type="checkbox"/> Air	<input type="checkbox"/> Lead												
<input type="checkbox"/> Bulk	<input type="checkbox"/> Chromium												
<input type="checkbox"/> Wipe	<input type="checkbox"/> Cadmium												
<input type="checkbox"/> TCLP	<input type="checkbox"/> _____												

Relinquished by: <u>M.P. Kass</u>	Date <u>3-24-2016</u> Time <u>17:00</u>
Received by: _____	Date _____ Time _____
Received in lab by: <u>[Signature]</u>	Date <u>3/29/16</u> Time <u>0900</u>
Analyzed by: <u>[Signature]</u>	Date <u>03-30-16</u> Time <u>11:00</u>
Analytical results faxed, (e)mailed or verbals to client	Date <u>03-30-16</u> Time <u>14:40</u>
Sample Archive Number _____	

Samples Acceptable	<u>Yes</u>	No	Flow Rates Acceptable	<u>Yes</u>	<del>No</del>
Seal Acceptable	<u>Yes</u>	No	Volumes Acceptable	<u>Yes</u>	No
Sample Storage Acceptable	<u>Yes</u>	No	Label Info Correct	<u>Yes</u>	No
Dates & Signatures of those who relinquished samples				<u>Yes</u>	No

Laboratory Comments: \_\_\_\_\_

SAMPLE LOCATIONS DRAWING



1,4,7,10,13

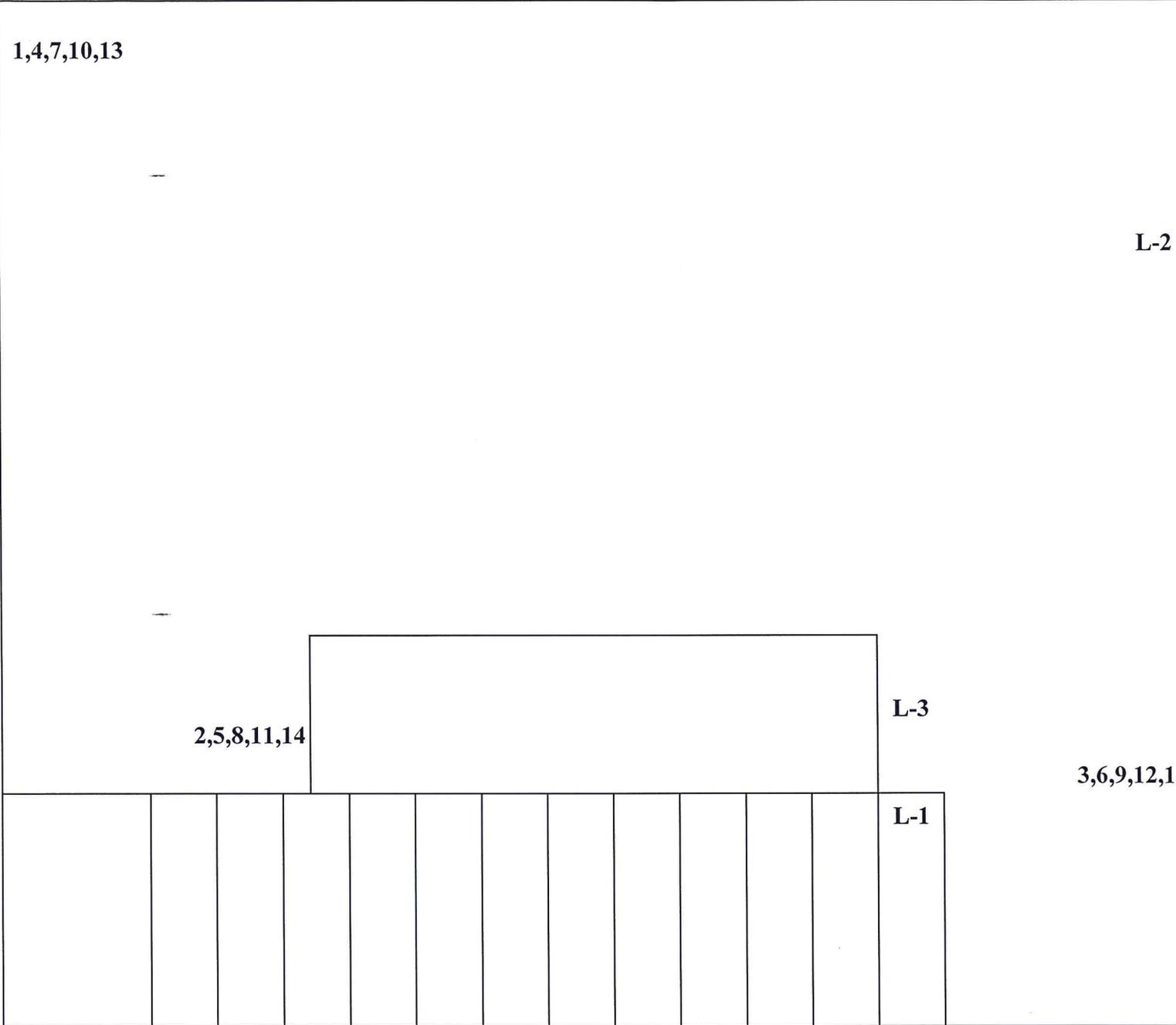
L-2

2,5,8,11,14

L-3

3,6,9,12,1

L-1





## Lead Paint Inspection Report

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March 24, 2016

**HANGER 42  
3<sup>RD</sup> DECK  
CORPUS CHRISTI, TEXAS**

**Prepared for:**

**NAVAL AIR STATION CORPUS CHRISTI**

**PREPARED BY:**

**Envirotest, Ltd.  
5151 Flynn Parkway, Suite 406  
Corpus Christi, Texas 78411  
(361) 887-9400**

**ENVIROTEST PROJECT NUMBER: 16-7322**

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CORPUS CHRISTI OFFICE: 5151 Flynn Pkwy, Suite 406 • Corpus Christi, Texas 78411 • Voice 361.887.9400 • Fax 361.887.9401 • [www.envirotestltd.com](http://www.envirotestltd.com)



March 30, 2016

Mr. Yong Choe  
Naval Air Station Corpus Christi  
Public Works, Bldg. #10  
Corpus Christi, TX 78419

**RE: Lead Based Paint Inspection  
Hanger 42, 3<sup>rd</sup> Deck  
Corpus Christi, Texas  
Envirotest Project Number: 16-7322**

Dear Mr. Choe:

Please find enclosed the final report of the Lead-Based Paint Inspection conducted at Hanger 42, 3<sup>rd</sup> Deck located in Corpus Christi, Texas. This investigation was conducted exclusively for the Naval Air Station Corpus Christi and was conducted on March 24, 2016.

If you have any questions, please call. We appreciate the opportunity to be of service to you.

Sincerely,

A handwritten signature in black ink that reads "Stacy Kraatz". The signature is written in a cursive, flowing style.

Stacy Kraatz  
Project Manager  
Envirotest, Ltd.



## Project Summary

Envirotest, Ltd. (Envirotest) has completed a Lead-Based Paint Inspection of representative paint film coatings from Hanger 42, 3<sup>rd</sup> Deck located in Corpus Christi, Texas. The paint chip sampling was conducted in accordance with commonly accepted commercial and professional standard practices for similar assignments. The scope of this project was limited to samples of paint film coatings collected from the hand rails, walls and fire sprinkler pipe.

The intent of the project was to identify painted surfaces and/or other surface coatings that contained elevated levels of lead. Mr. Paul Kass of Envirotest completed the sampling on March 24, 2016. All visually discernable painted surface coatings associated with the inside of the building were sampled for lead-content. **Based upon the collected samples, the paint film coatings collected from the hand rails, walls and fire sprinkler pipe of Hanger 42, 3<sup>rd</sup> Deck were found to contain 34 to 132,005 parts per million (ppm) of lead.**

## Analytical Methods and Limitations

All paint chip analyses were performed by Envirotest's analytical laboratory located in Houston, Texas according to EPA Method *SW-846, 3050, 7420 (modified)*. This sampling report does not guarantee that additional lead containing paint is not present.

The analytical results pertain to only the samples analyzed and may not reflect the actual composition of all paint film coatings associated with the structure. Envirotest assumes no responsibility for any subsequent use or interpretations of these analytical results.

## Data Evaluation and Conclusions

Based on the condition and type of structure, Hanger 42, 3<sup>rd</sup> Deck is not considered a child-occupied facility. Therefore, the applicable regulations at the facility include the Occupational, Safety, and Health Administration (OSHA) Construction Industry Standard for Lead (*29 CFR 1926.62*), the OSHA Respiratory Protection Standard (*29 CFR 1910.134*), the OSHA Hazardous



Communication Program (29 CFR 1910.1200), and the EPA Resource Conservation Recovery Act (40 CFR 261). Envirotest recommends compliance with the aforementioned regulations during any scheduled work activity that will disturb the paint film coatings on structure. The OSHA standards apply to workers exposed to any amount of lead. In addition to the applicable regulations, the Environmental Protection Agency (EPA), Department of Housing and Urban Development (HUD), and the State of Texas define lead based paint as having more than 5,000 parts per million (ppm) lead in residential settings and child-occupied facilities. Laboratory results of the sampled paint film locations indicated that all of the samples collected exceeded general industry guidance standard for Lead-Based Paint of 5,000 ppm.



## SAMPLE DESCRIPTIONS

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SAMPLE #	LOCATION	PAINT COLOR	LEAD CONTENT (ppm)	PERCENT BY WEIGHT
L-1	Hand Rail of 3 <sup>rd</sup> Deck	Teal Green	<b>39</b>	<b>0.0039%</b>
L-2	Walls of Level 3	White	<b>132,005</b>	<b>13.2005%</b>
L-3	Fire Sprinkler Pipe	Red	<b>34</b>	<b>0.0034%</b>

EPA, HUD, and Texas Standards for being considered lead containing paint are:  
**1.0 mg/cm<sup>2</sup>-X-ray Fluorescence (XRF)**  
**0.5% by Weight or 5,000 ppm**

**<RL=Less Than Reporting Limit**



## RESULTS

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**CERTIFICATE OF ANALYSES  
Lab Test Results**

Envirotest Project Number:	16-7322-L	Client:	Envirotest LLC
Date of Analyses:	March 29, 2016	Reference:	Hangar 42 3rd Deck
Analytical Method:	EPA SW-846, 3050, 7420 (Modified) Total Lead	PO#:	
		Job#:	

Client Sample Number	Laboratory Sample Number	mg/kg (ppm)	Percent by Weight
L-1	64880	39	0.0039%
L-3	64882	34	0.0034%

Analyst's Signature:   \_QA/QC

**Reporting Limit: 0.5 mg/kg**  
**Performance Detection Limit:** Detection limits are dependent on sample type, matrix interferences, and initial sample weight/dilutions.  
**Correlation Coef.:** Correlation Coefficient of standards must be equal to or greater than 0.995.  
**Method Blanks:** Method blanks are analyzed to check preparation and analyses for possible laboratory contamination.  
**None of the above analytical results were corrected due to contaminated field blanks or other analytical blanks.**



## CERTIFICATE OF ANALYSES Lab QA/QC Results

Envirotest Project Number:	16-7322-L	Client:	Envirotest LLC
Date of Analyses:	March 29, 2016	Reference:	Hangar 42 3rd Deck
Analytical Method:	EPA SW-846, 3050, 7420 (Modified) Total Lead		PO#: Job#:

Standard Correlation Coefficient	1.0000
Continuing Calibration Variation	99%
Continuing Calibration Blank	<0.5 ppm
Method Blank	<12.5 ppm
Laboratory Control Spike	102%
Laboratory Control Spike	100%
Blank Spike	94%
Blank Spike Dup	91%
Relative Percent Difference	2%

Analyst's Signature:   \_QA/QC

**Reporting Limit: 0.5 mg/kg**  
**Performance Detection Limit:** Detection limits are dependent on sample type, matrix interferences, and initial sample weight/dilutions.  
**Correlation Coef.:** Correlation Coefficient of standards must be equal to or greater than 0.995.  
**Method Blanks:** Method blanks are analyzed to check preparation and analyses for possible laboratory contamination.  
**None of the above analytical results were corrected due to contaminated field blanks or other analytical blanks.**



**CERTIFICATE OF ANALYSES**  
**Lab Test Results**

Envirotest Project Number:	16-7322-L	Client:	Envirotest LLC
Date of Analyses:	March 29, 2016	Reference:	Hangar 42 3rd Deck
Analytical Method:	EPA SW-846, 3050, 7420 (Modified) Total Lead	PO#:	
		Job#:	

Client Sample Number	Laboratory Sample Number	mg/kg (ppm)	Percent by Weight
L-2	64881	132,005	13.2005%

Analyst's Signature:   \_QA/QC

**Reporting Limit: 50.0 mg/kg (0.5 x 100x Dilution)**  
**Performance Detection Limit:** Detection limits are dependent on sample type, matrix interferences, and initial sample weight/dilutions.  
**Correlation Coef.:** Correlation Coefficient of standards must be equal to or greater than 0.995.  
**Method Blanks:** Method blanks are analyzed to check preparation and analyses for possible laboratory contamination.  
**None of the above analytical results were corrected due to contaminated field blanks or other analytical blanks.**



## CERTIFICATE OF ANALYSES Lab QA/QC Results

Envirotest Project Number:	16-7322-L	Client:	Envirotest LLC
Date of Analyses:	March 29, 2016	Reference:	Hangar 42 3rd Deck
Analytical Method:	EPA SW-846, 3050, 7420 (Modified) Total Lead	PO#:	
		Job#:	

Standard Correlation Coefficient	1.0000
Continuing Calibration Variation	99%
Continuing Calibration Blank	<0.5 ppm
Method Blank	<12.5 ppm
Laboratory Control Spike	102%
Laboratory Control Spike	100%
Blank Spike	94%
Blank Spike Dup	91%
Relative Percent Difference	2%

Analyst's Signature:   \_QA/QC

**Reporting Limit: 50.0 mg/kg (0.5 x 100x Dilution)**

**Performance Detection Limit:** Detection limits are dependent on sample type, matrix interferences, and initial sample weight/dilutions.

**Correlation Coef.:** Correlation Coefficient of standards must be equal to or greater than 0.995.

**Method Blanks:** Method blanks are analyzed to check preparation and analyses for possible laboratory contamination.

**None of the above analytical results were corrected due to contaminated field blanks or other analytical blanks.**



# Chain of Custody

Envirotest Job# 16-7322-L



*64880-64882*

### TURN AROUND TIME

- Immediate
- Same Day
- 24 Hour
- 48 Hour
- 3-5 Days

Time begins after receipt of samples in lab

**Project Name/Location:** Hangar 42 3rd Deck  
Naval Air Station Corpus Christi  
**Samples Taken By:** M.P. Kass  
**Date & Time Sampled:** 3-24-2016 17:00

### REPORT TO BE SENT TO:

Company: Paul and Stacy  
 Address: \_\_\_\_\_  
 Contact Name: \_\_\_\_\_  
 Phone: \_\_\_\_\_ Fax: \_\_\_\_\_  
 Email: \_\_\_\_\_  
 Client Job# \_\_\_\_\_  
 Client PO# \_\_\_\_\_

### SAMPLE MEDIA AND METHODOLOGY

**Enter Total Number of Samples:** 3

#### PLM (BULK)

- EPA – Method #600/R-93/116
- Point Count

#### PCM (AIR)

- NOISH 7400

#### TEM (AIR & BULK)

- AHERA (Air)
- NIOSH 7402 (Air)
- Qualitative (Bulk)
- Chatfield (Bulk)

#### METALS

##### MATRIX      ANALYSIS

- |                               |                                          |
|-------------------------------|------------------------------------------|
| <input type="checkbox"/> Air  | <input checked="" type="checkbox"/> Lead |
| <input type="checkbox"/> Bulk | <input type="checkbox"/> Chromium        |
| <input type="checkbox"/> Wipe | <input type="checkbox"/> Cadmium         |
| <input type="checkbox"/> TCLP | <input type="checkbox"/> _____           |

#### MICROBIOLOGY

##### MOLD SAMPLE MATRIX

- Bulk / Tape
- Air-O-Cell
- Swab / Wipe
- Culture
- Contents

Relinquished by: M.P. Kass      Date 10-8-2015      Time 17:00

Received by: \_\_\_\_\_      Date \_\_\_\_\_      Time \_\_\_\_\_

Received in lab by: [Signature]      Date 3/29/16      Time 0900

Analyzed by: [Signature]      Date 3/30/16      Time 12:45

Analytical results faxed, (e)mailed or verbals to client      Date \_\_\_\_\_      Time \_\_\_\_\_

Sample Archive Number \_\_\_\_\_

Samples Acceptable	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	Flow Rates Acceptable	<input type="checkbox"/> Yes	<input type="checkbox"/> No
Seal Acceptable	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	Volumes Acceptable	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Sample Storage Acceptable	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No	Label Info Correct	<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No
Dates & Signatures of those who relinquished samples				<input checked="" type="checkbox"/> Yes	<input type="checkbox"/> No

Laboratory Comments: \_\_\_\_\_

SAMPLE LOCATIONS DRAWING

