TOWN OF ADDISON **PAYMENT AUTHORIZATION MEMO**

DATE:	3/28/02	Claim#		Check\$ 31,000.00
3	i st			
	Vendor No.			
	Vendor Name		CONST	PUCTION CO., INC
	Address	2020 50	outh N	PRSERF ROAD
-	Address	IRMNG,	TEXAS	75060
	Address	-		
,	. Zip Code			

INVOICE # OR DESCRIPTION	FUND	DEPT	OBJ	PROJ	SAC	AMOUNT
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TOTAL 51,000.00

*					
AS PART	OF A	RAPAHO	PROPERTIES	PROJEC	<i>T</i> "

Authorized Signature

Finance

LINDAMOOD CONSTRUCTION CO., INC.

Invoice

2020 SOUTH NURSERY ROAD IRVING, 75060

	14.N4.S.R. (
DATE	INVOICE#
1/28/2002	3308

BILL TO

ATTN: LUKE JALBERT

TOWN OF ADDISON

PO BOX 9010

ADDISON TX 75001-9010

P.O. NO.	TERMS	PROJECT
 	RATE	AMOUNT

QUANTITY			
	DESCRIPTION	RATE	AMOUNT
	Contract price for Niles Property Demolition Bid 02-09	42,500.00	42,500.00
	Change order to clean out warehouse and hau off trash	7,500.00	7,500.00
	Change order to remove shelving and deliver to owner	1,000.00	1,000.00
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- The second sec			
		Total	\$51,000.00

FOR PAYMENT AIA DOCUMENT G702 (Instructions on rewerse side) Incie care of parties	APPLICATION NQ.: 1 Distribution to: 3/7/02	The undersigned Contractor cerdites that lo the best of the Contractor's knowledge, information and belief the Work covered by this Application for Payment has been completed in accordance with the Contract Documents, that all amounts have been paid by the Contractor for Work for which previous Certificates for Payment were issued and payments received from the Owner, and that current payment shown herein is now class. CONTRACTOR IS By:	State of: Texas: County of: Dallas Subscribed and sworn to before me this, 7th, day of March, 2002 Notary Public: My Commission expires: 03-25-04	In accordance with the Contract Documents, based on on-site observations and the data computating this application, the Architect certifies to the Owner that to the heat of the	Architect's knowledge, information and belief the Work has progressed its indicated, the quality of the Work is in accordance with the Contract Documents, and the Contractor is entitled to payment of the AMOUNT CERTIFIED. AMOUNT CERTIFIED. (Attack, explanation if amount cartified differs from the aurunn applied for Initial all figures on this Application and on the Continuation Short that are changed to	ARCHITECT: By: The Confidential and manufable. The AMOUNT CHICINES is seemed and the four-
	5. 5.	CONTRACTOR'S APPLICATION FOR PAYMENT CONTRACTOR'S APPLICATION FOR PAYMENT Application is made for payment, as shown below, in connection with the Contract. Continuation Sheet, AIA Document G703, is attached. I ORIGINAL CONTRACT SUM. I Nat change by Change Orders. CONTRACT SUM TO DATE (Line 1 ± 2).	D TO DATE \$ 51,000.00	AGE 151,000.00	LUDING RETAINAGE 51,000.00 S ADDITIONS DEDUCTIONS	8,500.00
APPLICATION AND CERTIFICATE	TO OWNER. Town of Addison 16801 Westgrove Drive Addison, Texas 75001-9 FROM CONTUNCTOR Lindamood Construction 2020 S. Nursery Irving, Texas 75060	CONTRACTOR'S APPLICATION FOR FAPPLICATION FOR FAPPLICATION is made for payment, as shown below, in connection to made for payment, as shown below, in connectionation Sheet, Ala Document G703, is attached. 1. Original Contract SUM. 1. Net change by Change Orders. 2. CONTRACT SUM TO DATE (Line 1 ± 2).	Column G on G703) S. RETAINAGE: (Column B of Completed Work (Column B of Completed Work (Column B of G703) b	(Line 4 less line 5 Youl) "LESS PREVIOUS CERTIFICATES FOR PAYMENT (Line 6 from prior Certificate)	RACANCE TO FINISH INCLUDING RETAINAGE (LING 1) HESTLING (S) CHANGE ORDER SUMMARY ADDITION	Total changes approved in previous months by Owner Total approved this Month

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CAUTION: You should use an original AIA document which has this caution printed in red. An original assures that changes will not be obsoured as may occur when documents are reproduced

G702-1992

ヺ・・	APPLICATION AND CERTIFICATE FOR PAYMENT	OR PAYMENT		 - .		APPLICATION NUMBER: APPLICATION DATE:	E.		3772002
-			·	٠.	, ч	PERIOD TO: ARCHITECTS SPONEGT NO:			3772002
	83	O	Q	ш	щ	g		I	_
	DESCRIPTION OF WORK	SCHEDULED	WORK COMPLETED	LETED	MATERIALS	TOTAL	%	BALANCE	RETAINAGE
		VALUE	FROM PREVIOUS APPLICATION	THIS PERIOD	PRESENTLY STORED	COMPLETED AND STORED	ည	TO FINISH	
			(D+E)		(NOT IN D OR E)	TO DATE (D+E+F)			
	Building Demoittion, Pavement Removal and Grading	42,500.00	00.0	42,500.00	0.00	42,500.00	100%	0.00	00'0
	Change Order for cleaning out warehouse and removal of sheWing	8,500.00		8,500.00	0.00	8,500.00	100%	0.00	0.0
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	TOTAL	51,000.00	0.00	51,000.00	0.00	51,000.00		0.00	0.00
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Council Agenda Item: #26

SUMMARY:

This item is for final payment and acceptance of construction performed by Lindamood Construction Co., Inc., for the Niles Properties Demolition Project.

FINANCIAL IMPACT:

Budgeted Amount: Not specifically budgeted, but funds are available as part of the

Arapaho Road, Phase II/III project totaling \$20.5 million.

Cost: \$51,000.00

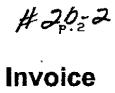
BACKGROUND:

In conjunction with the proposed construction of Phase II of Arapaho Road, from Marsh Lane to Surveyor Blvd., it was necessary to perform demolition of an existing office/warehouse structure on property that was recently acquired by the Town from Niles Properties through the eminent domain process. A contract was awarded to Lindamood Construction Co., Inc., in the amount of \$42,500.00, to demolish the building. Due to necessary on-site field changes, including removal and hauling off an excessive amount of trash and debris from the structure, the total project cost was increased by \$8,500.00. This resulted in a final contract cost of \$51,000.00.

The contractor has submitted his Affidavit of Bills Paid, Maintenance Bond, and Consent of Surety Company to Final Payment.

RECOMMENDATION:

Staff recommends that Council authorize the final payment to Lindamood Construction Co., Inc., in the amount of \$51,000, and accept the Niles Properties Demolition.



LINDAMOOD CONSTRUCTION CO., INC.

2020 SOUTH NURSERY ROAD IRVING, 75060

DATE	INVOICE#
 1/28/2002	3308

BILL TO

ATTN: LUKE JALBERT TOWN OF ADDISON PO BOX 9010

ADDISON TX 75001-9010

		P.O. NO.	TERMS	PROJECT :
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QUANTITY	DESCRIPTION		RATE	AMOUNT
	Contract price for Niles Prop Bid 02-09	erty Demoli	tion 42,500	.00 42,500.00
	Change order to clean out war off trash	rehouse and l	haul 7,500	7,500.00
	Change order to remove shelvi	ing and deliv	ver 1,000	.00 1,000.00
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	,		Total	\$51,000.00
				* **

A APPLICATION AND CERTIFICATE	E FOR PAYMENT AIA DOCUMENT G702 (Instructions on reverse side) ince one of	02 (Instructions on reverse side) 11	AGE ONE OF PARES
J TO OWINER:	PROJECT	APPLICATION NO.: 1	Distribution to:
O Town of Addison		1 PERIOD TO: 3/7/02	OWNER.
16801 Westgrove Drive		PROJECT NOS.:	☐ ARCHITICI
Addison, Texas 75001-9019		•	CONTRACTOR
TOM CONTRACTOR	VIA ARCHITECT	CONTRACT DATE: 12/11/01	
Lindamood Construction 2020 S. Nurserv			O
in Irving, Texas 75060		,	

CONTRACT

864

CO

CONSTRUCTION

The undersigned Contractor certifies that to the best of the Contractor's knowledge, information and belief the Work covered by this Application for Payment has been completed in accordance with the Contract Documents, that all amounts have been paid by the Contractor for Work for which previous Certificates for Payment were issued and payment.	ments received from the Owner, and that current payment shown herein is now this	CONTRACTORY	BY: Take Modernell DAICE 3/7/02	State of Texas	Subscribed and sworn to before	me this. 7th. day of March, 2002	News Biblion	My Commission expires: 03-25-04	ARCHITECT'S CERTIFICATE FOR PAYMENT	In accordance with the Contract Documents, based on on-site observations and the data comprising this application, the Architect certifies to the Owner that to the best of the Architect's knowledge, information and helief the Work has progressed as indicated the	quality of the Work is in accordance with the Contract Ducuments, and the Contractus is entitled to payment of the AMOUNT CENTIFIED.
CONTRACTOR'S APPLICATION FOR PAYMENT Application is made for payment, as shown below, in connection with the Contract. Continuation Sheet, AlA Document 6703, is attached.	1. ORIGINAL CONTRACT SUM \$ 42, 500.00	. Net change by Change Orders 8, 500.00	S. CONTRACT SUM TO DATE (Line 1 ± 2) 51,000.00	TOTAL COMPLETED & STORED TO DATE \$ 51,000.00	(COlumn G on C/O3)	a.	b	Total Retainings (Line 5a + 5b or Total in Column 1 of G703)	(Line 4 less Line 5 Total)	(Ling 6 from prior Centificates FOR PAYMENT 0.00	s. CURRENT PAYMENT DUE

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AIR DOCUMENT GIOS - APPLICATION AND CHITHEATH 1902 INVAINT + 1902 PATION - AIR® - BINGS - THE AMERICAN INSTITUTE OF ARCHITECTS, 1745 NEW YOUR AVENUE, N.W., WANHINGTON, INC. SHREASTOL - WARNING: Unicensed photocopying violeter UB, copyright have and will subject the violeter to legal prosecution.

G702-1992

(Attact), explanation if amount certified differs from the amount applied for tuitial all figures on this Application and on the Continuation Sheet that are changed to conform to the amount certified.)

This Certificate is not negariable. The AMOUNT CERTIFIED is payable and to the Contractor named herein. Issuance, payment and acceptance of payment are without

ARCHITECT

DEDUCTIONS

ADDIT'IONS

CHANGE ORDER SUMMARY

S: SEPM

previous months by Owner Total approved this Month

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Total changes approved in

8, 500.00

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8,500.00

NET CHANGES by Change Order

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BALANCE TO FINISH, INCLUDING RETAINAGE (Ling & Iess Ling 6)

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prejudice to any rights of the Owner or Contractor under this Cuntract.

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H BALÁNCE TO FINISH (C-G)	0.00
9ER: 0% G/C G/C 100%	
APPLICATION NUMBER: APPLICATION NUMBER: PERIOD TO: ARCHITECT'S PROJECT NO: G TOTAL 0% COMPLETED G/C AND STORED TO DATE (D+E+F) 42,500.00 100% 8,500.00 100%	51,000.00
F MATERIALS PRESENTLY STORED (NOT IN DOR E)	00.00
E THIS PERIOD 42,500.00	21,000.00
D WORK COMPLETED WORK COMPLETED THIS APPLICATION (D+E)	0.00
R PAYMENT C SCHEDULED VALUE 42,500.00	51,000.00
APPLICATION AND CERTIFICATE FOR PAYMENT THEM DESCRIPTION OF WORK SCHEDULE NO. Pavement Removal and Grading Crading Change Order for 8,500 cleaning out warehouse and removal of sheking R.500	TOTAL
APPLK 11 NO.	· ·

DATE SUBMITTED: March 15, 2002 FOR COUNCIL MEETING: March 26, 2002

Council Agenda Item:

SUMMARY:

This item is for final payment and acceptance of construction performed by Lindamood Construction Co., Inc., for the Niles Properties Demolition Project.

FINANCIAL IMPACT:

Budgeted Amount: Not specifically budgeted, but funds are available as part of the

Arapaho Road, Phase II/III project totaling \$20.5 million.

Cost: \$51,000.00

BACKGROUND:

In conjunction with the proposed construction of Phase II of Arapaho Road, from Marsh Lane to Surveyor Blvd., it was necessary to perform demolition of an existing office/warehouse structure on property that was recently acquired by the Town from Niles Properties through the eminent domain process. A contract was awarded to Lindamood Construction Co., Inc., in the amount of \$42,500.00, to demolish the building. Due to necessary on-site field changes, including removal and hauling off an excessive amount of trash and debris from the structure, the total project cost was increased by \$8,500.00. This resulted in a final contract cost of \$51,000.00.

The contractor has submitted his Affidavit of Bills Paid, Maintenance Bond, and Consent of Surety Company to Final Payment.

RECOMMENDATION:

Staff recommends that Council authorize the final payment to Lindamood Construction Co., Inc., in the amount of \$51,000, and accept the Niles Properties Demolition.

LINDAMOOD CONSTRUCTION CO., INC.

2020 SOUTH NURSERY ROAD IRVING, 75060

DATE	INVOICE#
1/28/2002	3308

PROJECT :

BILL TO ATTN: LUKE JALBERT TOWN OF ADDISON PG BOX 9010 ADDISON TX 75001-9010

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QUANTITY	DESCRIPTION	\		RATE .	-	AMOUNT
	Contract price for Niles Pro	perty Demoli	tion	42,500	.00	42,500.00
	Change order to clean out was	rehouse and	haul	7,500	.00	7,500.00
	Change order to remove shelve to owner	ing and deli	ver	1,000	.00	1,000.00
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P.O. NO.

TERMS

Total

\$51,000.00

T AIA DOCUMENT G702 (instructions on rewrite side) page cose or passes	PROJECT: Nile Properties Demolition PERIOD TO: 3/7/02 © OWNER PROJECT NOS.: O ARCHITECT: CONTRACT DATE: 12/11/01	The undersigned Contractor certifies that to the best of the Contractor's knowledge, information and belief the Work covered by this Application for Payment has been completed in accordance with the Connect Documents, that all amounts have been completed in accordance with the Connect Documents, that all amounts have been pild by the Contractor for Work for which previous Certificates for Payment were issued and payments received from the Owner, and that current payment shown herein is now the. CONTRACTOR! By: CONTRACTOR! By: ARCHITECT'S CERTIFICATE FOR PAYMENT In accordance with the Contract Documents, based on on-site observations and the that compising this application, the Architect certifies to the Owner that to the best of the compising this application, the Architect certifies to the Owner that to the best of the compising this application, the Architect certifies to the Owner that to the best of the compising this application, the Architect certifies to the Owner that to the best of the compising this application, the Architect certifies to the Owner that to the best of the compising the application and on the Contract Documents, and the Contractor is against of payment of the AMOUNT CERTIFIED. AMOUNT CERTIFIED AMOUNT CERTIFIED AMOUNT CERTIFIED ARCHITECT This Certificate is not negatible. The AMOUNT CERTIFIED and I (igures on this Application and on the Contractor under this Contract. This Certificate is not negatible. The AMOUNT CERTIFIED and I (igures on this Application and on the Contractor under this Contract. This Certificate is not negatible. The AMOUNT CERTIFIED and I (igures on this Application and on the Contractor under this Contract. This Certificate is not negatible. The AMOUNT CERTIFIED and I (igures on this Application and on the Contractor under this Contract. This Certificate is not negatible to a payment and will not be amount certified differs from the amount are visited to conform to the amount certified differs from the event of Contractor under this Contract. Expens	CAUTION: You should use an original AIA document which has this caution printed in red. An original assures that changes will not be obscured as may occur when documents are reproduced
"APPLICATION AND CERTIFICATE FOR PAYMENT	TO OWNER: PROJECT: Nile Prop Town of Addison 16801 Westgrove Drive Addison, Texas 75001-9019 FIGN CONTRATOR OBSTRUCTION 2020 S. Nursery Lrying, Texas 75060	The undersigned Contract certifies that to the best of the malion and belief for which eventues that all and and belief for which coverance of Walk to Mortanent Croil, a state of the malion state of the payment, as shown below, in connection with the Contract Disputation is made to payment, as shown below, in connection with the Contract Disputation is made to propriet that is shown below, in connection with the Contract Disputation is and the Contract Disputation in the Contract Disputation is and the Contract Disputation in the Contract Disputation Disputation in the Contract Disputation Dispu	ION: You should use an original AIA document which has this caution printed in red. An or

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LINDAMOOD CONSTRUCTION CO., INC.

Invoice

2020 SOUTH NURSERY ROAD IRVING, 75060

DATE	INVOICE#
1/28/2002	3308

BILL TO

ATTN: LUKE JALBERT TOWN OF ADDISON

PO BOX 9010

ADDISON TX 75001-9010

P.O. NO.	TERMS	PROJECT	
	RATE	AMOUNT	

		_	
QUANTITY	DESCRIPTION	RATE	AMOUNT
	Contract price for Niles Property Demolition Bid 02-09	42,500.00	42,500.00
	Change order to clean out warehouse and haul off trash	7,500.00	7,500.00
	Change order to remove shelving and deliver to owner	1,000.00	1,000.00
			_
		Total	\$51,000.00

JOHN BIRD PHOTOGRAPHY

"A PROFESSIONAL SERVICE FOR THE CONSTRUCTION INDUSTRY"
P.O. BOX 1148, MIDLOTHIAN, TX 76065

PHONE 972/775-8604

TOLL FREE 1-800/661-8604

FAX 972/775-7860

2.25.02

-02/10/02-

PHOTO FAX

TO: LUKE JALBERT

PROJECT MANAGER
TOWN OF ADDISON

NUMBER OF PAGES: 4, INCLUDING COVER SHEET

YOUR ASSISTANCE IN PROCESSING THE ENCLOSED INVOICES WOULD BE APPRECIATED!

JOHN BIRD

MEMBER - ASMP - AMERICAN SOCIETY OF MEDIA PHOTOGRAPHERS SPECIALIZING IN AERIAL, INDUSTRIAL, PUBLIC RELATIONS & CONSTRUCTION PROGRESS PHOTOGRAPHY

JOHN BIRD PHOTOGRAPHY PO BOX 1148 MIDLOTHIAN, TX. 76065 Phone (972) 775-8604

Invoice

DATE	INVOICE NO.
12/31/'01	2722

BILL TO

Town of Addison Luke Jalbert Project Manager PO Box 9010 Addison, TX 75001-9010

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Town of Addison Luke Jalbert Project Manager PO Box 9010 Addison, TX 75001-9010

·		TERMS	ORDE	NUMBER		PERIOD	
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DESCRIPTION	······	DATE	Q1	Y RAT	E	AMOUNT	r
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5113&15111 Surveyor, Addison, TX		,	v	Total	Ŧ	\$ 3 70.	ሰሰ

JOHN BIRD PHOTOGRAPHY PO BOX 1148 MIDLOTHIAN, TX. 76065 Phone (972) 775-8604

Invoice

DATE	INVOICE NO.
12/31/*01	2721

PERIOD

BILL TO

Town of Addison Luke Jalbert Project Manager PO Box 9010 Addison, TX 75001-9010

SHIP TO

Town of Addison Luke Jalbert Project Manager PO Box 9010 Addison, TX 75001-9010

ORDER NUMBER

	TERMS	OKDEK NO	MBEH	PERIOD
	On Receipt	Verba	1	•
DESCRIPTION	DATE	QTY	RATE	AMOUNT
Aterior Photography, including all expenses and labor	12/14/'01		165.00	165.00
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		A STATE OF THE STA		
5115,15113,15111,15109 Surveyor, Add	ison, TX.		Fotal	\$165.0

TERMS

02/25/2002 18:52 9727757860

JOHN BIRD PHOTOGRAPHY PO BOX 1148 MIDLOTHIAN, TX. 76065 Phone (972) 775-8604

Invoice

DATE	INVOICE NO.
12/31/'01	2720

BILL TO

Town of Addison Luke Jalbert Project Manager PO Box 9010 Addison, TX 75001-9010

SHIP TO

Town of Addison Luke Jalbert Project Manager PO Box 9010

Addison, TX 75001-9010

	TERMS	ORDER NUM	IBER	PERIOD
	On Receipt	Verbal		
DESCRIPTION	DATE	QTY	RATE	AMOUNT
Interior Photography/All expenses an labor	d 12/11/'01		370.00	370.00
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5115 & 15109 Surveyor, Addison, TX	* .	T	otal	\$370.00

STATEWIDE SURETY - 1825 MARKET CENTER BLVD., STE. 385, **DALLAS, TX 75207**

FAX

TO: STEVE CHUTCHIAN

COMPANY: TOWN OF ADDISON

FAX: 972-450-2837

PHONE:

RE: LINDAMOOD CONST. CO., INC./BOND NO. 118920

March 14, 2002

FROM: **GWENN HALL**

> **NUMBER OF PAGES INCLUDING COVER**

> > ----2---

MESSAGE:

PLEASE COMPLETE THE FOLLOWING STATUS INQUIRY AND RETURN (FAX -214-746-2933) TO STATEWIDE AT YOUR EARLIEST CONVENIENCE. YOUR PROMPT RESPONSE IS APPRECIATED. THANK YOU.

DATE: 03/14/2002

OWNER:

EVERGREEN NATIONAL INDEMNITY COMPANY

STATUS INQUIRY

	TOWN OF ADDISON 5350 BELTLINE ROAD ADDISON, TX 75240						
ATTN:	STEVE CHUTCHIAN				P.O.	UM NO. #400*	ı۸
FAX:	972-450-2837				BU	ND NO: 11892 	:U
CONTRA	CTOR: LINDAMOOD CONSTRUCTION	COMPANY, INC.					
AODRES	S: 2020 S. NURSERY ROAD, IRV	ING, TX 75080	n				
DESCRIP OF CONT	PTION TRACT: NILES PROPERTIES DEMOLIT	TON, BUILDING DEMOLITI	<u>ON, PAVE</u>	MENT RE	MOVAL, GRAD	ING AND RESTOR	ATION
OWNER:							
CONTRACT	•	00NO (S)			1		CTIVE DATE
WITHOUT	\$42,500.00 PREJUDICING YOUR RIGHT OR AFFECTIN	I \$42,500.00	IR BONDIS) DESCRIB	ED ABOVE WE	12/18/01	F SUCH OF THE
	NG INFORMATION AS IS NOW AVAILABLE.	SINCERE	•			## 50 W. Sulder #152 # 145m/whitem F	33011 07 7772
		ВҮ:	GWENN.	J. HALL			4
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	PPROXIMATE DATE OF COMPLETION OF WORK (OR FINAL DELIVERY).	APPROXIMATE ACCEP	YANGÉ DATI		Final I I	CONTRACT PRICE	
2. IF CO	NTRACT UNCOMPLETED, PLEASE STA	ATE:		••••			
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3. DO YO	OU KNOW OF ANY UNPAID BILLS FOR	LABOR OR MATERIALS?		YES	NO	······	
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PLEA	SE RETURN THE ORIGINAL OF THIS INQUIRY TO:		OWNER:	·			
CME	NN J. HALL		BY:				·····
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2020 SOUTH NURSERY IRVING, TEXAS 75050 972-721-0898 FAX 972-438-6745





To:	Steve Chutchian	From	Virginia	
Faxa	972-450-2837	Pages:	3 (INCLUDING COVER)	
Phone:		Dates	3/14/02	
Re:		CG:		

SECTION BP

STATE OF TEXAS

COU	N	T	?`i	OF	D	A	Ī	LA	S
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COUNTY OF DALLAS		
Personally, before me the undersigned authoribeing duly sworn, on oath, says that he is a leg	ity, on this day appeared Kayla Lindamood who, gal representative of Lindamood Construction (full name of Contractor as in contract)	Co.Inc
and that the contract for the construction of the 02-09	e project, designated as	
(Project No.)		
Niles Property Demolition		
	bills for materials, apparatus, fixtures, machinery truction of this project have, to the best of my	
	Kayla Andamaol	
	Vice President	
	Title	
Sworn to and subscribed before me this 14th	ny of March, 2002.	
VIRGINIA BAXLEY MY COMMISSION EXPIRES Merch 25, 2004	Virginia Backey Notary Public in and for Dallas County, Texas	. •

Instructions:

If the contractor is an individual, he shall sign the affidavit. If the contractor is a partnership, any partner may sign the affidavit. If the contractor is a corporation, a person authorized by the by-laws or by the Board of Directors shall sign the affidavit. If the Contractor is a joint-venture of individuals, any of the individuals may sign the affidavit. If the Contractor is a joint-venture of partnerships, or of individuals and partnerships, the affidavit may be signed by the individual or any partner of any partnership. If the contractor is a joint-venture in which a corporation is a party, separate affidavits must be executed in the name of the joint-venture: one by each corporation and one by each individual or partnership. Signatures for corporations should be by a duly authorized officer. If signature is by another, a showing of authority to sign must accompany the affidavit.

Addison".

STEVEN Z. CHUTCHIAN, P.E. Assistant City Engineer (972) 450-2886 (972) 450-2837 FAX (214) 673-2518 Mobile schutchian@ci.addison.tx.us E-mail

Town of Addison 16801 Westgrove Dr. P.O. Box 9010, Addison, Texas 75001-9010

12/20/01

1001

As we piscussed, we here forewherenged to copy of The Contractor's BID

PROPOSAL FOR REMOVING THE CONTENTS

OF THE MILE PROPORTIES BUILDING

MALLING IT TO A LANDFILL.

FUNDS IS APPRECIATED. THANKS!

Stere Chuthair



PUBLIC WORKS DEPARTMENT

(972) 450-2871

Post Office Box 9010 Addison, Texas 75001-9010

16801 Westgrove

December 28, 2001

Mr. Bobby Lindamood Lindamood Demolition and Excavating 2020 S. Nursery Irving, Texas 75060

Re: NOTICE TO PROCEED Niles Property Demolition Bid 02-09

Dear Mr. Lindamood:

Receipt of this document shall serve as your Notice to Proceed for the above referenced project, effective January 3, 2002. According to the terms and conditions of the contract, the proposed improvements shall be completed within seventy five (75) calendar days from the start of construction, with the original contract price of \$42,5000. Please include the Project name and Bid No. 02-09 on all monthly invoices or other correspondence to the Town of Addison.

Should you have any questions, please contact my office at 972-450-2860.

Sincerely,

Luke Jalbert, Project Manager

Cc: Steven Z. Chutchian, Assistant City Engineer Chris Terry, Assistant City Manager Mike Murphy, Director of Public Works Jim Pierce, Assistant Director of Public Works Bryan Langley, Assistant Director of Finance

LINDAMOOD CONSTRUCTION CO. INC.

2020 SOUTH NURSERY, IRVING, TX 75060 972-721-0898 FAX: 972-438-6745

PROPOSAL

DATE:

December 19, 2001

COMPANY:

Town of Addison

16801 Westgrove Drive

Addison, Texas 75001-9010

JOB NAME:

Nile Properties Demolition

SUBMITTED TO: Luke Jalbert

972-450-2860 fax: 972-450-2837

WE HEREBY SUBMIT SPECIFICATIONS AND ESTIMATES FOR:

Clean out warehouse

OUR PRICING INCLUDES THE FOLLOWING:

- Clean out warehouse 1.
- Haul off all trash to a legal landfill

WE PROPOSE HEREBY TO FURNISH MATERIAL AND LABOR - COMPLETE IN ACCORDANCE WITH ABOVE SPECIFICATIONS POR THE SUM OF:

PAYMENT TO BE MADE AS FOLLOWS: DUE UPON COMPLETION OF PROJECT ALL WORK TO BE COMPLETED IN A WORKMAN LIKE MANNER ACCORDING TO STANDARD PRACTICES, ANY ALTERATIONS OR DEVIATIONN FROM SPECIFIATIONS INVOLVING EXTRA COSTS WILL BE EXECUTED ONLY UPON WRITTEN ORDERS, AND WILL BECOME AN EXTRA CHARGE OVER ANDABOVE ESTIMATE. ALL AGREEMENTS CONTINGENT UPON STRIKES, ACCIDENTS OR DELAYS BEYOND OUR CONTROL, OWNERS TO CARRY FIRE, TORNADO AND OTHER NECESSARY INSURANCE, OUR WORKERS ARE FULLY COVERED BY WORKMANS COMPENSATION INSURANCE.

AUTHORIZED SIGNATURE:

NOTE: THIS PROPOSAL MAY BE WITHDRAWN IF NOT ACCEPTED WITHIN 15 DAYS.

ACCEPTENCE OF PROPOSAL -- THE ABOVE PRICES, SPECIFICATIONS AND CONDITIONS ARE SATISFACTORY AND ARE HEREBY ACCEPTED. YOU ARE AUTHORIZED TO DO THE WORKAS SPECIFIED, PAYMENTWILL BE AS OUTLINED ABOVE:

SIGNATURE

12-20-01

maama

LINDAMOOD CONSTRUCTION CO. INC.

2020 SOUTH NURSERY, IRVING, TX 75060 972-721-0898 FAX: 972-438-6745

PROPOSAL

DATE:

December 19, 2001

COMPANY:

Town of Addison

16801 Westgrove Drive

Addison, Texas 75001-9010

JOB NAME:

Nile Properties Demolition

SUBMITTED TO: Luke Jaibert

972-450-2860 fax: 972-450-2837

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Clean out warehouse

OUR PRICING INCLUDES THE FOLLOWING:

- Clean out warehouse
- Haul off all trash to a legal landfill

WE PROPOSE HEREBY TO FURNISH MATERIAL AND LABOR - COMPLETE IN ACCORDANCE WITH ABOVE SPECIFICATIONS FOR THE SUM OF:

Seven thousand five hundred dollars and no/100-----

PAYMENT TO BE MADE AS FOLLOWS: DUE UPON COMPLETION OF PROJECT ALL WORK TO BE COMPLETED IN A WORKMAN LIKE MANNER ACCORDING TO STANDARD PRACTICES. ANY ALTERATIONS OR DEVIATIONN FROM SPECIFIATIONS INVOLVING EXTRA COSTS WILL BE EXECUTED ONLY UPON WRITTEN ORDERS, AND WILL BECOME AN EXTRA CHARGE OVER ANDABOVE ESTIMATE. ALL AGREEMENTS CONTINGENT UPON STRIKES, ACCIDENTS OR DELAYS BEYOND OUR CONTROL, OWNERS TO CARRY FIRE, TORNADO AND OTHER NECESSARY INSURANCE, OUR WORKERS ARE FULLY COVERED BY

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WORKMANS COMPENSATION INSURANCE

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SIGNATURE:

12-20-01

SECTION CA CONTRACT AGREEMENT

STATE OF TEXAS

COUNTY OF DALLAS THIS AGREEMENT is made and entered into this 11 day of 2001 , by and between the Town of Addison, of the County of Dallas and State of Texas, acting through its Mayor, thereunto duly authorized so to do, Party of the First Part, hereinafter termed the OWNER, and Lindamood Construction Co. Inc. the City of , County of Dallas Irving Second Part. Texas Party of the hereinafter CONTRACTOR. WITNESSETH: That for and in consideration of the payment and agreement hereinafter mentioned, to be made and performed by the OWNER, the said CONTRACTOR hereby agrees with the said OWNER to commence and complete construction of certain improvements as follows: **Nile Properties Demolition** and all extra work in connection therewith, under the terms as stated in the General and Specific Provisions of the AGREEMENT; and at his own proper cost and expense to furnish all the materials, supplies, machinery, equipment, tools, superintendence, labor, insurance and other accessories and services necessary to complete the said construction, in accordance with the conditions and prices stated in the Proposal attached hereto and in accordance with the Advertisement for Bids. Instructions to Bidders, General Provisions. Special Provisions. Plans, and other drawings and printed or written explanatory matter thereof, and the Technical Specifications and Addenda thereto, as prepared by the OWNER, each of which has been identified by the endorsement of the CONTRACTOR and the OWNER thereon, together with the CONTRACTOR's written Proposal and the General Provisions, all of which are made a part hereof and collectively evidence and constitute the entire AGREEMENT. The CONTRACTOR hereby agrees to commence work within ten (10) calendar days after the date of written notice to do so shall have been given to him, and to substantially compete the work within 50 days after he commences work, and to complete all work within 75 days after the date of written notice, subject to such extensions of time as are provided by the General Provisions. The OWNER agrees to pay the CONTRACTOR \$ 42,500.00 funds for the performance of the Contract in accordance with the Proposal submitted

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REPRESENTATIVES.
AUTHORIZED REPRESENTATIVE

DACORD CORPORATION 1988

ACORD 25-5 (7/97)

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9)

10)

11)

LINDAMOOD CONSTRUCTION CO 972-438-6745 **TEXAS DEPARTMENT OF HEALTH DEMOLITION / RENOVATION** MLED O KOKKE O BE SEDIE NEW TATELY NOTIFICATION FORM NOTE: CIRCLE ITEMS THAT ARE AMENDED T NOTIFICATION# 1) Abatement Contractor: N/A TDH License Number: N/A Address: City: N/A N/A State: N/A Zip: N/A Office Phone Number: (Job Site Phone Number: (N/A) Site Supervisor: N/A TDH License Number: Site Supervisor: N/A TDH License Number: N/A Trained On-Site NESHAP Individual: N/A TDH License Number: N/A Demolition Constractor: ___ Lindamood Construction Office Phone Number: (972) 721-0898 Address: 2020 South Nursery City: |RVING ____State: TX Zip: 75060 2) Project Consultant or Operator: N/A TDH License Number N/A Mailing Address: N/A City: N/A State: N/A Zip: N/A Office Phone Number: N/A 3) Facility Owner: Town of Addison Luke Jalbert Attention: Mailing Address: P.O. Box 9010 City Addison State: TX Zip: 75001-9010 Owner Phone Number: 972-450-2860 4) Description or Facility Name: Office / Warehouse Physical Address: 15109, 15111, 15113, 15115 Surveyor County: City: Addlson Zip: TX Facility Phone Number: Facility Contact Person: Luke Jalbert Description of Area/Room Number: Entire building Office / Warehouse Future Use: Age of Building/Facility: 23 yrs. Size: 30,000 sq. ft. Number of Floors: School (K -12): YES X NO Type of Work: 🕅 Demolition 🔲 Renovation (Abatement) 🔲 Annual Consolidated 5) Work will be during: ☐ Day ☐ Evening ☐ Night ☐ Phased Prolect Description of work schedule: 7:00 a.m. to 7:00 p.m Is this a Public Building? XYES ☐ NO Federal Facility? ☐ YES X NO Industrial Site? ☐ YES XNO 6) NESHAP-Only Facility? ☐ YES 🕅 NO Is Building/Facility Occupied? ☐ YES 🕅 NO 7) Notification Type CHECK ONLY ONE □ Original (10 Working Days) □ Cancellation X Amendment □ Emergency/Ordered If this is an amendment, which amendment number is this? N/A (Enclose copy of original) If an emergency, who did you talk with at TDH? ____N/A__ ____Emergency#__<u>N/A</u> Date and Hour of Emergency (HH/MM/DD/YY); N/A Description of the sudden, unexpected event and explanation of how the event caused unsafe conditions or would cause equipment damage (computers, machinery, etc.): N/A

Description of procedures to be followed in the event that unexpected asbestos is found or previously non-

TDH Laboratory License No: 30-0084

friable asbestos material becomes crumbled, pulverized, or reduced to powder: Work will be

Was an Asbestos survey performed? XYES□NODate: 11/14/01TDH Inspector License No: 10-5055

(For TAHPA (public building) projects: an assumption must be made by a TDH Licensed Inspector)

Description of planned demolition or renovation work, type of material, and method(s) to be used:

stopped, area securred and proper authorities notified

Analytical Method: X PLM TEM Assumed

Wet Demolition procedure to used

DEC 19 2001 4:59PM LINDAMOOD CONSTRUCTION CO 972-438-6745

12)	Description of work practices and engineering condemolition/renovation site: Keep debris wet during	ntrols to be demolition, l	used to prevent oading and hauling	emis	sions	of a	sbes	tos a	t the
12)	ALL applicable items in the following table must be com	pleted:	IF NO ASBESTOS	PRES	ENT	CHEC	K HE	RE	
		Approxir	nate amount of sbestos	1		ınit o		1000	<u> </u>
	Asbestos-Containing Building Material Type	Pipes	Surface Area	Ln Ft		SQ Ft	SQ M	Cu Ft	Cu M
	RACM to be removed								
	RACM NOT removed) 19. i.j 3113 mar	
	Interior Category I non-friable removed			***************************************					
	Exterior Category I non-friable removed			-					
	Category I non-friable NOT removed		158			Х			
	Interior Category II non-friable removed		1						
	Exterior Category II non-friable removed								
	Category II non-friable NOT removed							2.5	
	RACM Off-Facility Component								
(3) 14)	Waste Transporter Name: Lindamood Construction Co Address: 2020 South Nursery City: Ir Contact Person: Kayla Lindamood Phone Waste Disposal Site Name: Lewisville C & D Landfil Address: 801 E, College City: Lewisville Telephone: (972)436-4217 TNRCC Permit Num	ving Star e Number: (9 i Sta	te: TX Zip:	75060)				
5)	For structurally unsound facilities, attach a copy of demonstrates N/A Registrates N/A Name: N/A N/A /	lition order a stration No:_ Date order	nd Identify Governm N/A to begin (MM/DD/Y)	<u>1</u> (Y	V/A	/			
6)	Scheduled Dates of Asbestos Abatement (MM/DD/YY)	Start: <u>N/A</u>	V Complete	<u> N</u>	<u>/ A</u>	<u> </u>			
7)	Scheduled Dates Demolition/Renovation (MM/DD/YY)	Start: <u>1/7/02</u>	_Complete: <u>2/7/02</u>						
hereb am re enalty Signat	phone prior to the start date. Failure to do so is a viole y certify that all information I have provided is correct, corresponsible for all aspects of the notification form, including is \$10,000 per day per violation. Linkhon STEVEN Z. CHO (Printed Name agated Consultant/Contractor)	ation in accomplete, and tr n, but not limi	rdance to TAHPA, sue to the best of my fing, content and su 1/20/01 (Total) (Total)	Sectio know	n 295 ledge ion da 150-2 one) -2837	5.61. * . I ac ates. 860	• know	ledge	that

TOXIC SUBSTANCES CONTROL DIVISION TEXAS DEPARTMENT OF HEALTH EXCHANGE BUILDING, SUITE N320 8407 WALL STREET AUSTIN, TX 78754

Faxes are not accepted

2020 SOUTH NURSERY IRVING, TEXAS 75080 972-721-0898 FAX 972-438-6745

LINDAMOOD CONSTRUCTION



To: Luke Jalbert	From: Virginia
Faxc	Pagest 名 (INCLUDING COVER)
Phone:	Date:
Re: .	CCr
	· ·

DATE SUBMITTED: December 3, 2001 FOR COUNCIL MEETING: December 11, 2001

Council Agenda Item:

SUMMARY:

This item is for the Award of a Contract to Lindamood Construction Co., Inc., for the Nile Properties Demolition Project.

FINANCIAL IMPACT:

Budgeted Amount: Not specifically budgeted, but funds are available as part of the

Arapaho Road, Phase II/III project totaling \$20.5 million.

Cost: \$42,500.00

BACKGROUND:

In conjunction with the proposed construction of Phase II of Arapaho Road, from Marsh Lane to Surveyor Blvd., it is necessary to perform demolition of an existing office/warehouse structure on property that was recently acquired by the Town through the eminent domain process. The previous owner, Nile Properties, vacated the structure that is located on the west side of Surveyor Blvd, and bids were received on December 3, 2001 for demolition and grading of the site.

Five contractors picked up plans and specifications for the project and attended a mandatory pre-bid meeting at the site. These five contractors submitted bids for the project. Attached is a bid tabulation for the proposed improvements. Lindamood Construction Co., Inc., submitted the lowest responsive bid, in the amount of \$42,500.00. Satisfactory references were received regarding the quality of work on this contractor. The demolition and site grading is scheduled for completion within 75 calendar days. The contractor has successfully completed work of similar scope in other municipalities in the area.

RECOMMENDATION:

Staff recommends that Council authorize the City Manager to enter into a contract with Lindamood Construction Co., Inc. for the Nile Properties Demolition project, in the amount of \$42,500.00.

Parael

- #2a -Approval of the Minutes for the November 27, 2001 Council Meeting.
- #2b -Consideration of a Resolution to approve a Change Order in the amount of \$52,000.00 to extend project management/construction management services from Building Solutions for the Addison Athletic Club and Outdoor Leisure Pool project, the development of 1.6 acres and construction of the new tennis courts.
- Consideration of a Resolution authorizing the City Manager to enter into a #2c contract in the amount of \$42,500.00 with Lindamood Construction Co., Passed #20-Inc. for the Nile Properties demolition project.
 - Consideration of a Resolution authorizing the City Manager to enter into a contract in an amount not to exceed \$39,580.00 with Teague Nall and Perkins, Inc. for engineering services associated with the design of an 8inch water main replacement on Wiley Post Road and Wright Brothers Drive.
 - #2e -Consideration of an Ordinance amending the Town of Addison Code of Ordinances, Chapter 14, Aviation, by adding a new Division 3 to Article III (Municipal Airport) relating to access to Addison Airport from adjacent property (through-the-fence) and providing for fees and charges.
 - #2f -Consideration of an Ordinance amending the Town of Addison Code of Ordinances, Chapter 14, Aviation, by adding a new Division 4 to Article III (Municipal Airport) relating to and establishing a lease rate for a fuel tank at the Addison Airport Fuel Facility.

DATE SUBMITTED: December 3, 2001 FOR COUNCIL MEETING: December 11, 2001

Council Agenda Item:

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RECOMMENDATION:

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Niles Properties Demolition

Bid 02-09

Bid Opening: December 3, 2001

10:00 AM

BIDDER	SIGNED	BID	TOTAL	add1
Lindamood Construction Co. Inc	Υ	\	\$42,500.00	>
Midwest Wrecking Co of Tx	>	>	\$82,315.00	>
Rutland Const Services	>	>	\$88,822.40	>
Walter C Barrett	\	>	\$64,600.00	>
Metro Builders/DML	٨	\	\$88,000.00	Υ.
			Ж	
•				
		N. Johnson Commission of the C		

Minak Sul

Minok Suh, Purchasing Coordinator

Corus Daydon

Corey Gayden, Witness



December 7, 2001

5910 W. Plano Parkway Sune 200 Plano, Texas 75093 (972) 661-5626 EAX (972) 661-5614 www.bnth.com

Town of Addison 16801 Westgrove Drive P.O. Box 9010 Addison, Texas 75001-9010

Attn: Mr. Steve Z. Chutchian, P.E.

NILE PROPERTIES DEMOLITION BID

Dear Steve:

We have reviewed the bids for the referenced project and agree with the bid tabulations by Minok Suh of your staff. All five of the bidders attended the required pre-bid conference. We have called four references for the apparent low bidder, Lindamood Construction Co., Inc. We were able to speak with two of them and received very positive comments about this contractor. The record of telephone calls for each of these conversations is attached to this correspondence for your records. Based on this information, we believe the Town of Addison would be justified in awarding the contract for the referenced project to Lindamood Construction Co., Inc.

As a reminder, the specifications require a preconstruction conference to be held. Prior to the meeting the contractor has to deliver a schedule to you that we can discuss at the meeting. The duration of this project is set not to exceed 75 days from the notice to proceed. We will also need to discuss the N.O.I. and N.O.T. forms for the SW3P. We will be glad to set up this meeting if you will provide your available dates.

Very truly yours,

HNTB CORPORATION

Jerfy D. Holder, Jr., P.E. Director of Capital Projects

JDH/dsl

Enclosure

25768



RECORD OF TELEPHONE CALL

lob No.

25748

Date:

12/03/07

CALL FROM JERRY HOLDER

OF UNIV. OF NEETH TEXAS

OF HATE

BY 104

1-940-565-2396

SUBJECT DISCUSSED

ACTION TO BE TAKEN

11:07

They did one that varged from \$ 92 - \$ 300,000 W/ one bid in the 60's.

Lindraned was at 92 & thius was concerned. He said Babby,

Lindraned employer, did a great 186. Inlines send he

wrote a letter of recommendation

for them, which he varely does.

COPY TO:



RECORD OF TELEPHONE CALL

25768

12/03/01

CALL TO MICHSEL LEE	OF FORT WACTH ISD
CALLFROM JERRY HOLDER	of HNTB

SUBJECT DISCUSSED

ACTION TO BE TAKEN

11:05 left message w/ sourchang for him to call me

11:11 He called me back

BY (604) 1-817-871-3293

Best demo firm out theme
in his opinion. They were in
and ont w/o any problems.
They left the site cheen at
the end of each day and
ded a great job.

COPY TO:

Niles Properties Demolition

Bid 02-09

Bid Opening: December 3, 2001

10:00 AM

		Ç		
BIDDER	SIGNED	BOND	TOTAL	add1
indamood Construction Co. Inc	>	>	\$42,500.00	>-
Midwest Wrecking Co of Tx	>	>	\$82,315.00	>
Rutland Const Services	>	Y	\$88,822.40	>
Walter C Barrett	>-	\	\$64,600.00	>
Metro Builders/DML	>	>	\$88,000.00	>

The sale

Minok Suh, Purchasing Coordinator

Corey Baylon Corey Gayden, Witness

DATE SUBMITTED: December 3, 2001 FOR COUNCIL MEETING: December 11, 2001

Council Agenda Item:

SUMMARY:							
This item is for the A Demolition Project.	ward of Contract to for the Nile Properties						
FINANCIAL IMPACT:							
Budgeted Amount:	Not Budgeted						
Cost:	\$						
Source of Funds: Bond funds are available in Arapaho Road, Phase II/III, Project No. 83300.							
BACKGROUND:							
Lane to Surveyor Bly house structure on pr domain process. The located on the west s	the proposed construction of Phase II of Arapaho Road, from Marsh vd., it is necessary to perform demolition of an existing office/ware-roperty that was recently acquired by the Town through the eminent previous owner, Nile Properties, vacated the structure that is ide of Surveyor Blvd, and bids were received on December 3, 2001 ading of the site.						
for demolition and grading of the site. Five contractors picked up plans and specifications for the project and attended a mandatory pre-bid meeting at the site contractors submitted bids for the project. Attached is a bid tabulation for the proposed improvements submitted the lowest responsive bid, in the amount of \$ The engineering estimate for this project was \$ The demolition and site grading is scheduled for completion within 75 calendar days. The contractor has successfully completed work of similar scope in other municipalities in the area.							
RECOMMENDATI	ION:\						
	at Council authorize the City Manager to enter into a contract with Nile Properties Demolition project, in the amount of \$						

ETI ENVIRONMENTAL SERVICES 4112 VIA BALLENA MESQUITE, TEXAS 75150 (972) 279-9751

FAX (972) 279-6063

November 26, 2001

Town of Addison Department of Public Works P. O. Box 9010 Addison, Texas 75001

Attention: Mr. Steve Chutchian, Assistant Engineer

Re: Asbestos Inspection Services

15109-15115 Surveyor Boulevard, Addison, Texas 75001

Dear Mr. Chutchian:

Please find enclosed two (2) copies of the Asbestos Inspection Report for the abovementioned property and its Invoice number 01-S-507 for payment.

Also, please find a diskette with the Letter Report of the inspection. It is submitted on Microsoft Word. This document does not include cost estimates for demolition.

Please advise us when a demolition contractor has been chosen, so we may coordinate dates and be assured that the 10-day notification has been submitted to the Texas Department of Health. Also, remember that an invoice from the Texas Department of Health will be issued to you for the demolition of this property.

Please sign and return a copy of this transmittal and keep a copy for your files.

Thank you for letting us be of service to the Town of Addison, and please call if you need further information or have any questions.

Respectfully submitted,

ETI, ENVIRONMENTAL SERVICES	TOWN OF ADDISO	N
Daniel Wor		
Dianne K. Woo		
Asbestos Consultant	Received by:	Date

ETI ENVIRONMENTAL SERVICES 4112 VIA BALLENA MESQUITE, TEXAS 75150 (972) 279-9751 FAX (972) 279-6063

November 26, 2001

Town of Addison
Department of Public Works
P. O. Box 9010
Addison, Texas 75001

Attention: Mr. Steve Chutchian, Assistant Engineer

Re: Asbestos Inspection Services

15109-15115 Surveyor Boulevard, Addison, Texas 75001

Dear Mr. Chutchian:

Please find enclosed two (2) copies of the Asbestos Inspection Report for the above-mentioned property and its Invoice number 01-S-507 for payment.

Also, please find a diskette with the Letter Report of the inspection. It is submitted on Microsoft Word. This document does not include cost estimates for demolition.

Please advise us when a demolition contractor has been chosen, so we may coordinate dates and be assured that the 10-day notification has been submitted to the Texas Department of Health. Also, remember that an invoice from the Texas Department of Health will be issued to you for the demolition of this property.

Please sign and return a copy of this transmittal and keep a copy for your files.

Thank you for letting us be of service to the Town of Addison, and please call if you need further information or have any questions.

Respectfully submitted,

ETI ENVIRONMENTAL SERVICES	TOWN OF ADDISOR	N
Drawit wor		
Dianne K. Woo		
Asbestos Consultant	Received by:	Date

NILE PROPERTIES DEMOLITION

ADDENDUM NO. 1

November 27, 2001

To: All Bidders

This addendum becomes a part of the "NILE PROPERTIES DEMOLITION" plans and specifications. Page PF-2 of the contract documents must be filled out by the bidder acknowledging the receipt of this addendum. Bids will not be accepted if the above instructions are not followed.

All provisions of the original "NILE PROPERTIES DEMOLITION" plans and specifications shall remain in full force and effect, except as modified by this addendum No. 1

MODIFICATIONS TO THE SPECIFICATIONS:

1. The date and time of the bid opening has been changed from 2:00 p.m. on Tuesday, November 27, 2001 to 10:00 a.m. on Monday, December 3, 2001.

MODIFICATIONS TO THE PLANS:

1. Full depth saw cuts are called for on the parking area along the South and West sides of the project. It was noted during the site visit that there are existing cold joints in these areas. The successful bidder will be allowed to remove the existing pavement up to the cold joints in these two locations, therefore negating the need for full depth saw cuts along these two sides. This modification does not change the status of saw cuts at other locations on the project.

ADDITIONAL INFORMATION:

1. Attached to this Addendum No. 1 is the "Summary of Asbestos Findings" as prepared by ETI Environmental Services dated November 26, 2001. The Town of Addison will require the successful bidder to follow the recommendations of the report. The full report may be viewed at the Town of Addison's Service Center, located at 16801 Westgrove Drive, Addison, Texas. Contact Mr. Luke Jalbert at 972-450-2860 to set up an appointment.

ETI Environmental Services

4112 VIA BALLENA MESQUITE, TEXAS 75150 (972) 279-9751 Fax (972) 279-6063

November 26, 2001

Town of Addison Department of Public Works P. O. Box 9010 Addison, Texas 75001

Attention: Mr. Steve Chutchian, Assistant Engineer

Re: Asbestos Inspection Services

15109-15115 Surveyor Boulevard, Addison, Texas 75001

Gentlemen:

As authorized, an asbestos inspection was performed on an office warehouse building located at 15109-15115 Surveyor Boulevard in Addison, Texas on November 14, 2001, by Eddie Taw of ETI Environmental Services.

Results of the inspection and laboratory analysis of bulk samples collected during the inspection are presented herein. Asbestos-containing materials (ACM) as defined by State and Federal regulations are any materials with an asbestos content greater than one (>1%) percent. Non-asbestos containing materials are any materials with an asbestos content of less than one (<1%) percent, and is not regulated under any current Federal, State or Local regulations.

SUMMARY OF ASBESTOS FINDINGS

08 - Sheet Floor Covering

Approximately 158 square feet of sheet floor covering located in the Men's and Women's Restrooms of 15111 Surveyor Blvd., as noted on the Location of ACM Drawing, contains about 65% chrysotile asbestos in the backing material. This material is classified as Category I Non-friable Materials under NESHAP regulations, and it is in good condition.

15109-15115 Surveyor Boulevard November 26, 2001

RECOMMENDATIONS

ETI Environmental Services recommends that the 158 square feet of asbestos-containing floor covering located in the Men's and Women's Restrooms in 15111 Surveyor remain in place for planned demolition activities and disposed of as construction debris.

INSPECTION AND SAMPLING PROCEDURES

All areas of the building were accessible for inspection. A Building Description and a Summary of Homogeneous Areas obtained during the inspection are presented herein.

ETI Environmental Services used a random convenience sampling strategy in order to collect all representative samples of suspect materials, both friable and non-friable. Sample locations were marked with paint or markers, and photographs were taken at each sample location. The Approximate Sample Location Drawing shows the location of each sample taken during the inspection process.

Results of the inspection that identifies sample locations, condition of suspect materials, and asbestos-containing materials present are presented on the Sample and Hazard Assessment Summary.

Assessments of each homogeneous area were made using the NESHAP Regulations and definitions under 40 CFR Part 61.

Asbestos bulk samples were submitted to a qualified independent laboratory, Steve Moody Micro services, Inc., for analysis. The results of these analyses are presented herein.

We thank you for this opportunity to be of service to the Town of Addison. Please call us if you have any questions or need further information.

Respectfully submitted.

ETI ENVIRONMENTAL SERVICES

Dianne K. Woo Asbestos Consultant

TOWN OF ADDISON PAYMENT AUTHORIZATION MEMO

DATE:	11/27/01	Claim#		CI	heck \$	2,140.	io.
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TOTAL # 2,140.00

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ETI Environmental Services 4112 VIA BALLENA MESQUITE, TEXAS 75150 (972) 279-9751

November 26, 2001

Town of Addison Department of Public Works P. O. Box 9010 Addison, Texas 75001

Attention: Mr. Steve Chutchian, Assistant Engineer

Re: Asbestos Inspection Services

15109-15115 Surveyor Boulevard, Addison, Texas 75001

Invoice No. 01-S-507

INVOICE

FOR PROFESSIONAL SERVICES RENDERED:

Field Consultant(s): Eddie Taw Field Date(s): November 14, 2001

DESCRIPTION	TOTAL
Asbestos Inspection and Report Preparation Asbestos Laboratory Services (54 PLM Analysis @ \$10 per Sample)	\$1,600.00 540.00
TOTAL AMOUNT DUE	\$2,140.00 O.K. to PAY! 57.0 11/27/01

Thank You For Your Business!

NILES PROPERTIES DEMOLITION PREBID MEETING 200 PM IN OVERBER 201 200 I	OLITION) November 2012001			TOWNIOF ADDISON
NAME	COMPANY	PHONE #	FAX#	E-MAIL ADDRESS
1. JERRY HOLDER	HNTB CAPPORATION	972-199-266	415-179-216	972-661-5626 972-661-5614 JHOLDER @ HKTB. COM
2. W.T. LANDER	Rexland Const.	Const. 972-998-6091972366-8028	191972366	1028
3. Bealey Rutherford	T'T HOISTING	973-366-822	7 972-36-80.	15154 24 973-366-828 972-36-8028 (Abbit 2/0) airmail. net
4. KAGIN Indomos	LINDAMOOD BIND	380/22.21688	× 972-438674	Bono 972.7210858 972-438576 H92521401. Com
5. Anthony Londen	Dallas amolition / South la)	1 200 th lake 972- 788- 4998 972- 78 8- 4994	972-788-49°	14 Nowc
6. WALTER C. BARBETT	Walter & Brishets Inc 214-948-6233	214-948-623	6.	
7. ZRIAN CHOMYE	MINUMERA WHECKING Co. SIT 589 7062 SIT 590 9536	201 789 1062	817590934	
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NICES PROPERTIES DEMOLITION PREBIDIMETING: 2001PM: NOVEMBER 20, 2004 SIGNAINISHEET	OLITION NOVEMBERIZO 2004			TOWN OF ADDISON
NAME	COMPANY	PHONE #	FAX#	E-MAIL ADDRESS
1. CLERRY HOLDER	HNTB CAPPORATION	972-199-2626	413-179-26	972-661-5626 972-661-5614 JHOLDER @ HATB. COM
2. W.T. LANDER	Rexland Const.	972-998-6	Gnst 972-998-6091972366-8028	188
3. Bolly Rutherford	T' + Thisting	973-366-802	8 972-36-802	515 4 14 972-366-828 972-36-8028 1465:+2@ailmail.ne
4. KAGIA CINDAMOS	LINDAMOOD BOND	380/22:221088	8 972-438078	Bono 972.72/0858 972-438576 AJ92520401.COM
5. Anthony Londen	Onlas Amolition South	16 972-788-4998	1500 H Like 972-788-4998 972-78 8- 4994	1 None
6. WALTER C. BARBETT	Walter & Burnet Tac 214-948-6223	214-948-62	<u> </u>	
7. SRIAM CHOMME	MIDWEST WHELKING CO. BIT 589 7002 BIT 590 9534	EN 389 1042	&1770934	
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ADVERTISEMENT FOR BIDS Bid # 02-09

The Town of Addison is requesting bids for the Building Demolition, Pavement Removal, Grading, and Restoration for the NILES PROPERTIES DEMOLITION, Bid No. 02-09. A MANDATORY pre-bid conference will be held at 2:00pm on November 20, 2001 at Town of Addison Service Center, 16801 Westgrove Dr., Addison, TX 75001. Bids will be accepted until November 27, 2001 at 2:00pm, in the office of the Purchasing Coordinator, 5350 Belt Line Rd., Addison, Texas 75254 at which time they will be publicly opened and read aloud. Bids received after the designated time will not be considered and will be returned unopened.

The Town of Addison reserves the right to waive any formalities and to reject any or all bids and to select the bid deemed most advantageous to the City. For information contact the Purchasing Division at 972-450-7091. Specification information can be obtained at www.demandstar.com.

If you are not a member of DemandStar.com and wish to obtain a free copy of the bid specifications, you may pick one up at the Purchasing Division, 5350 Belt Line Road, Addison, Texas 75254.

SECTION AB ADVERTISEMENT FOR BIDS

SECTION AB ADVERTISEMENT FOR BIDS

- 1. Sealed bids addressed to the Town of Addison, Texas, for the Building Demolition, Pavement Removal, Grading, and Restoration for the NILE PROPERTIES DEMOLITION for the Town of Addison, Texas, hereinafter called "Town", in accordance with the plans, specifications and contract documents prepared by HNTB Corporation, will be received at the office of Minok Suh, Purchasing Coordinator, Finance Building, 5350 Belt Line Road, Addison, Texas until 2:00 p.m. on the 27th day of November, 2001. Bids received by the appointed time will be opened and read aloud. Any bids received after closing time will be returned unopened.
- 2. The contractor shall identify his bid on the outside of the envelope by writing the words NILE PROPERTIES DEMOLITION.
- 3. Bids shall be accompanied by a cashier's check or certified check upon a national or state bank in an amount not less than five percent (5%) of the total maximum bid price payable without recourse to the Town of Addison, or a bid bond in the same amount from a reliable surety company licensed by the State of Texas to act as a Surety, or a Binder of Insurance executed by a surety company licensed by the State of Texas to act as a surety or its authorized agent as a guarantee that the bidder will enter into a contract and execute a Performance Bond within ten (10) business days after notice of award of contract to him.
- 4. Plans, specifications and bidding documents may be secured beginning at 9:00 A.M. on the 9th day of November, 2001 from Minok Suh Purchasing Coordinator; Finance Building, 5350 Belt Line Road, Addison, Texas. The first set will be available at no charge and any additional sets may be obtained for a non-refundable sum of \$20.00 per set.
- 5. The right is reserved by the Mayor and the Town Council as the interest of the Town may require to reject any or all bids and to waive any informality in bids received.
- 6. The Bidder (Proposer) must supply all the information required by the Proposal Form.
- 7. A Performance Bond, Labor and Material Payment Bond, and Maintenance Bond will be required by the Owner; each Bond shall be in the amount of 100% of the total contract amount. Bonds shall be issued by a surety company licensed by the State of Texas to act as a Surety. The performance and payment bonds shall name the Town of Addison as obligee (or such other entities as may be designated at the time a contract is executed).
- 8. For information on bidding or to secure bid documents, call Minok Suh, (972) 450-7091. For information on the work to be performed, call Steven Z. Chutchian, P.E., Assistant City Engineer, (972) 450-2886 or Jerry D. Holder, Jr., P.E., HNTB Corporation, (972) 661-5626.
- 9. This project consists of providing Building Demolition, Pavement Removal, Grading, and Restoration as shown on the plans and in accordance with these specifications.
- 10. A Pre-Bid Meeting will be held at 2:00 p.m. on the 20th day of November, 2001 at the Addison Service Center, 16801 Westgrove Drive, Addison, Texas 75001, 972-450-2871. All bidders are <u>required</u> to attend. A one-hour tour of the building to be demolished will be conducted at this time to allow the contractors to evaluate the structure.

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CERTIFICATE HOLDER

ADDITIONAL INSURED; INSURER LETTER:

CANCELLATION

SHOULD ANY OF THE ABOVE DESCRIBED POLICIES BE CANCELLED BEFORE THE EXPIRATION

DATE THEREOF, THE ISSUING INSURER WILL ENDEAVOR TO MAIL 30 GAYS WRITTEN

NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT, BUT FAILURE TO DO SO SHALL

IMPOSE HO OBLIGATION OR LIABILITY OF ANY KIND UPON THE INSURER, IT'S AGENTS OR

REPRESENTATIVES.

AUTHORIZED REPRESENTATIVE

08/13/00

08/13/02

ACORD 25-5 (7/97)

OTHER

EQUIP/FLOATER

CLU06174

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SECTION PyB PAYMENT BOND

BOND NO. 118929

STATE OF TEXAS			
COUNTY OF DALLAS	Date Bond Executed	l: <u>DECEMBI</u>	ER 18. 2001
PRINCIPAL: LINDAMOOD CONSTRUCTION C	OMPANY, INC.		
SURETY: EVERGREEN NATIONAL INDEMNI	TY COMPANY		16-1
COLOR I, DINIER MALE COLOR INDICATE	II Oom Aq	······································	***
PENAL SUM OF BOND (express in words an	d figures): FORTY TW	O THOUSAND	FIVE HUNDRED
AND 00/100 DOLLARS (\$42.500.00)			
DATE OF CONTRACT: DECEMBED 11 20	0.1		

KNOW ALL MEN BY THESE PRESENTS, that we, the PRINCIPAL and SURETY above named, are held firmly bound unto The Town of Addison, Texas, hereinafter called the OWNER, in the penal sum of the amount stated above, for the payment of which sum and truly to be made, we bind ourselves, our heirs, executors, administrators and successors, jointly and severally, firmly by these presents.

THE CONDITIONS OF THIS OBLIGATION ARE SUCH that, whereas the PRINCIPAL entered into a certain Contract with the OWNER, numbered and dated as shown above and attached hereto;

NOW THEREFORE, if the PRINCIPAL shall promptly make payment to all persons supplying labor and materials in the prosecution of the work provided for in said Contract, and any and all duly authorized modifications of said Contract that may hereafter be made, notice of which modifications to the SURETY being hereby waived, then this obligation to be void, otherwise to remain in full force and effect.

IN WITNESS WHEREOF, the above-bounden parties have executed this instrument under their several seals on the date indicated above, the name and corporate seal of each corporate party being hereto affixed and these presents duly signed by its undersigned representative, pursuant to authority of its governing body.

SEAL	LINDAMOOD CONSTRUCTION COMPANY, INC. CONTRACTOR By: Kayla Address: 2020 S. NURSERY ROAD
WITNESS	<u>IRVING, TX 75060</u>
SEAL ATTEST: Wean Hall	EVERGREEN NATIONAL INDEMNITY COMPANY SURETY By: CHAD W. LAND, ATTORNEY-IN-FACT Address: P.O. BOX 18295 COLUMBUS, OH 43218
Title: alm. asst.	
(Surety to Attach Power	r of Attorney)
CERTIFICATE AS TO CORP	ORATE PRINCIPAL

I, <u>Virginia</u> <u>Bayley</u>, certify that I am the secretary of the corporation named as PRINCIPAL in the within bond that <u>Kayla Lindampod</u>, who signed the said bond on behalf of the PRINCIPAL, is the <u>Vice President</u> said corporation; that I know his signature, and his signature thereto is genuine; and that said bond was duly signed, sealed and attested for and in behalf of said corporation by authority of its governing body.

(Corporate Seal)

SECTION MB MAINTENANCE BOND

BOND NO. 118929

STATE OF TEXAS

COUNTY OF DALLAS

That LINDAMOOD CONSTRUCTION CO. INC. as prince	cipal and	EVERGREEN	NATIONAL	INDEMNIT
COMPANY , a corporation organized under the	laws of _	OHIO	_ and	
as sureties, said sur	reties beir	ng authorize	ed to do busi	iness in the
State of Texas, do hereby expressly acknowledge the	emselves	to be held	and bound t	o pay unto
the Town of Addison, Texas, a duly incorporated h	iome rule	municipal	corporation	under the
laws of the State of Texas, the sum of		-	_	
·				
FORTY TWO THOUSAND FIVE HUNDRED AND 00/100	DOLLARS	\$42 <u>,50</u> 0) <u>.00)</u>	
				·

(\$42,500.00) for the payment of which sum v	will and t	ruly to be m	iade unto sa	id Town of
	. 1	1 1 2 3 4	1 11	•
Addison and its successors, said principal and suretie	es do here	eby bind the	emselves, in	eir assigns
and successors, jointly and severally.				
This obligation is conditioned, however, that whereas	said:			
LINDAMOOD CONSTRUCTION COMPANY, INC.				
has this day entered into a written contract with the	ne said T	own of Ad	ldison to bu	ild and
NILES PROPERTIES DEMOLITION BUILDING DEMOLI	ITION, P	AVEMENT R	EMOVAL, G	RADING
AND RESTORATION				
1		***************************************		***************************************
		*******		*********

which contract and the Plans and Specifications therein mentioned adopted by the Town of Addison, are hereby expressly made a part hereof as though the same were written and embodied herein.

WHEREAS, under the Plans, Specifications and Contract it is provided that the Contractor will maintain and keep in good repair the work herein contracted to be done and performed for a period of one (1) years from the date of acceptance, and to do all necessary backfilling that may arise on account of sunken conditions in ditches, or otherwise, and to do and perform all necessary work and repair any defective condition growing out of or arising from the improper joining of the same, or on account of any breaking of the same caused by the said Contractor in laying or building the same, or on account of any defect arising in any of said part of said work laid or constructed by the said Contractor, or on account of improper excavation or backfilling; it being understood that the purpose of this section is to cover all defective conditions arising by reason of defective materials, work or labor performed by the said Contractor; and in case the said Contractor shall fail to do, it is agreed that the City may do said work and supply such materials, and charge the same against the said Contractor and sureties on this obligation, and the said Contractor and sureties hereon shall be subject to the liquidated damages mentioned in said contract for each day's failure on its part to comply with the terms of the said provisions of said contract; planting materials (ground cover, and grasses) will be warranted for one (1) year from the time of final completion and acceptance by the Town of Addison.

NOW THEREFORE, if the said Contractor shall keep and perform its said agreement to maintain said work and keep the same in repair for the said maintenance period of one (1) years, as provided, then these presents shall be null and void and have no further effect; but if default shall be made by the said Contractor in the performance of its contract to so maintain and repair said work, then these presents shall have full force and effect, and said Town of Addison shall have and recover from the Contractor and its sureties damages in the premises, as provided, and it is further understood and agreed that this obligation shall be a continuing one against the principal and sureties hereon and that successive recoveries may be had hereon for successive breaches until the full amount shall have been exhausted; and it is further understood that the obligation herein to maintain said work shall continue throughout said maintenance period, and the same shall not be changed, diminished, or in any manner affected from any cause during said time.

I

IN WITNESS WHEREOF, the said	PRINCIP	AL has cau	ised these presents to
be executed by CHAD W. LAND	and the said	ATTORNEY-IN-FACT	has hereunto set
his hand this the 18TH day of DECEM	BER , 20 <u>01</u> .		
SURETY		PRINCIPAL	
EVERGREEN NATIONAL INDEMNITY	co.	LINDAMOOD CONSTRU	CTION COMPANY, INC.
		By: Kayla a	Indamord
By: Attorney in Fact CHAD W. LAND		U	
		ATTEST	
By: hvery fill Surety	S	Vicainia Bai	Huy
STATEWIDE SURETY			
1825 MARKET CENTER BLVD., #38 DALLAS, TX 75207	5		

NOTE: Date of Maintenance Bond must not be prior to date of Contract.

Agency and Address

IMPORTANT NOTICE

IN ORDER TO OBTAIN INFORMATION OR MAKE A COMPLAINT:

You may call EVERGREEN NATIONAL INDEMNITY COMPANY'S toll-free number at:

800-325-9112

or

You may write to EVERGREEN NATIONAL INDEMNITY COMPANY at:

Attn: Claims Department P.O. Box 18295 Columbus, OH 43218

You may also contact the **Texas Department Of Insurance** to obtain information on companies, coverage's, rights or complaints at:

800-252-3439

You may write the Texas Department Of Insurance at:

P.O. Box 149104 Austin, TX 78714-9104

ATTACH THIS NOTICE TO YOUR BOND. This notice is for information only and does not become a part or a condition of the attached document and is given to comply with Section 2253.048, Government Code, and Section 53.202, Property Code, effective September 1, 2001.

EVERGREEN NATIONAL INDEMNITY COMPANY

CLEVELAND, OHIO POWER OF ATTORNEY

	FOWER OF	ATTORNET	
Lindamood PRINCIPAL	i Construction Co., Inc.	EFFECTIVE DATE	12/18/01
	500.00	EFFECTIVE DATE AMOUNT OF BOND \$	42,500.00
		POWER NO. 118929	
constitute and appoint:	PRESENTS: That the Evergreen National Renn J. Hall, Chad W. Land, Lanny V		State of Ohio does hereby nominate
und all bonds, undertakings, recogn	Fact to make, execute, attest, seal and delivizances and written obligations in the natural One Million Five Hundred Thousand Dolla	e thereof, PROVIDED, however, that the c	
This Power of Attorney is granted February, 1994:	and is signed by facsimile pursuant to the	e following Resolution adopted by its Bo	ard of Directors on the 23rd day of
Attorney(s)-in-fact of such per FURTHER RESOLVED, that relating thereto by facsimile; a upon the Company; and any	officers of the Company shall have the autrons, firms, or corporations as may be selected the signatures of such officers and the Seal of and any such Power of Attorney or certificate such powers so executed and certificate by its spect to any bond or undertaking to which it is	I from time to time. the Company may be affixed to any such Pow bearing such facsimile signatures or facsimile facsimile signatures and facsimile seal shall	er of Attorney or any certificate seal shall be valid and binding
N WITNESS WHEREOF, the Every its duly authorized officers this	ergreen National Indemnity Company has c 23rd day of February, 1994.	aused its corporate seal to be affixed herei	unto, and these presents to be signe
	SEAL 1939 F	EVERGREEN NATIONAL INDE Roswell P. Ellis, Pr Glenn D. Southwick,	esident
Notary Public) State of Ohio) SS	The HOHIO *	ret.	
Ellis and Glenn D. Southwick, of the who executed the preceding instrur of said Company aforesaid, and the ignatures as officers were duly afficompany, referred to in the preceding the company.	note the subscriber, a Notary for the ne Evergreen National Indemnity Company, ment and acknowledged the execution of the at the seal affixed to the preceding instrum- ixed and subscribed to the said instrument b	to me personally known to be the individual e same and being by me duly sworn, depos- nent is the Corporate Seal of said Compary the authority and direction of said Corporate.	Is and officers described herein, an- ed and said that they are the officer by, and the said Corporate Seal an- ration, and that the resolution of said
Strate of Ohio)	SUE E. DUFFY NOTARY PUBLIC, STATE OF OHIO MY COMMISSION EXPIRES AUG. 6, 2004	Sue E. Duffy Notary Public State of My Commission expires Au	
	of the Evergreen National Indemnity Comp ins in full force and has not been revoked;	and furthermore that the Resolution of the	

118929 *1;

1345313

Any reproduction or facsimile of this form is void and invalid.

Kurt H. Weiland, Secretary

SECTION PyB PAYMENT BOND

BOND NO. 118929

STATE OF TEXAS

COUNTY OF DALLAS	Date Bond Executed:_	DECEMBER 18	8, 2001		
PRINCIPAL: LINDAMOOD CONSTRUCTION C	OMPANY, INC.				
SURETY: EVERGREEN NATIONAL INDEMNI	TY COMPANY		. , , ,		
·			. *************************************		
PENAL SUM OF BOND (express in words an	d figures): FORTY TWO	THOUSAND FIVE	HUNDRED		
AND 00/100 DOLLARS (\$42.500.00)			······································		
DATE OF CONTRACT: DECEMBER 11, 20	01				

KNOW ALL MEN BY THESE PRESENTS, that we, the PRINCIPAL and SURETY above named, are held firmly bound unto The Town of Addison, Texas, hereinafter called the OWNER, in the penal sum of the amount stated above, for the payment of which sum and truly to be made, we bind ourselves, our heirs, executors, administrators and successors, jointly and severally, firmly by these presents.

THE CONDITIONS OF THIS OBLIGATION ARE SUCH that, whereas the PRINCIPAL entered into a certain Contract with the OWNER, numbered and dated as shown above and attached hereto;

NOW THEREFORE, if the PRINCIPAL shall promptly make payment to all persons supplying labor and materials in the prosecution of the work provided for in said Contract, and any and all duly authorized modifications of said Contract that may hereafter be made, notice of which modifications to the SURETY being hereby waived, then this obligation to be void, otherwise to remain in full force and effect.

EVERGREEN NATIONAL INDEMNITY COMPANY CLEVELAND, OHIO POWER OF ATTORNEY

Lindamood Construction Co., Inc.		12/18/01
PRINCIPAL	EFFECTIVE DATE	
42,500.00		42,500.00
CONTRACT AMOUNT	AMOUNT OF BOND \$	-
	POWER NO. 118929	

KNOW ALL MEN BY THESE PRESENTS: That the Evergreen National Indemnity Company, a corporation in the State of Ohio does hereby nominate, constitute and appoint:

---- Camille Edwards, Gwenn J. Hall, Chad W. Land, Lanny W. Land ----

its true and lawful Attorney(s)-In-Fact to make, execute, attest, seal and deliver for and on its behalf, as Surety, and as its act and deed, where required, any and all bonds, undertakings, recognizances and written obligations in the nature thereof, PROVIDED, however, that the obligation of the Company under this Power of Attorney shall not exceed One Million Five Hundred Thousand Dollars (\$1,500,000.00).

This Power of Attorney is granted and is signed by facsimile pursuant to the following Resolution adopted by its Board of Directors on the 23rd day of February, 1994:

"RESOLVED, That any two officers of the Company shall have the authority to make, execute and deliver a Power of Attorney constituting as Attorney(s)-in-fact of such persons, firms, or corporations as may be selected from time to time.

FURTHER RESOLVED, that the signatures of such officers and the Seal of the Company may be affixed to any such Power of Attorney or any certificate relating thereto by facsimile; and any such Power of Attorney or certificate bearing such facsimile signatures or facsimile seal shall be valid and binding upon the Company; and any such powers so executed and certificate by facsimile signatures and facsimile seal shall be valid and binding upon the Company in the future with respect to any bond or undertaking to which it is attached."

IN WITNESS WHEREOF, the Evergreen National Indemnity Company has caused its corporate seal to be affixed hereunto, and these presents to be signed by its duly authorized officers this 23rd day of February, 1994.



EVERGREEN NATIONAL INDEMNITY COMPANY

Roswell P. Ellis, President

Glenn D. Southwick, Treasurer

Notary Public) State of Ohio)

SS:

On this 10th day of May, 2001, before the subscriber, a Notary for the State of Ohio, duly commissioned and qualified, personally came Roswell P. Ellis and Glenn D. Southwick, of the Evergreen National Indemnity Company, to me personally known to be the individuals and officers described herein, and who executed the preceding instrument and acknowledged the execution of the same and being by me duly sworn, deposed and said that they are the officers of said Company aforesaid, and that the seal affixed to the preceding instrument is the Corporate Seal of said Company, and the said Corporate Seal and signatures as officers were duly affixed and subscribed to the said instrument by the authority and direction of said Corporation, and that the resolution of said Company, referred to in the preceding instrument, is now in force.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my official seal at Columbus Ohio, the day and year above written.



SUE E. DUFFY

NOTARY PUBLIC, STATE OF OHIO
MY COMMISSION EXPIRES AUG. 6, 2004

Sue E. Duffy //
Notary Public State of Olfo

My Commission expires August 6, 2004

I, the undersigned, Secretary of the Evergreen National Indemnity Company, a stock corporation of the State of Ohio, DO HEREBY CERTIFY that the foregoing Power of Attorney remains in full force and has not been revoked; and furthermore that the Resolution of the Board of Directors, set forth herein above, is now in force.

18th December, 2001

Signed and sealed in Columbus, Ohio this

Kurt H. Weiland, Secret

Any reproduction or facsimile of this form is void and invalid.

118929

1345313

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or

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800-252-3439

You may write the Texas Department Of Insurance at:

P.O. Box 149104 Austin, TX 78714-9104

ATTACH THIS NOTICE TO YOUR BOND. This notice is for information only and does not become a part or a condition of the attached document and is given to comply with Section 2253.048, Government Code, and Section 53.202, Property Code, effective September 1, 2001.

IN WITNESS WHEREOF, the said	PRINCIP	AL has cau	has caused these presents to			
be executed by CHAD W. LAND	_ and the said	ATTORNEY-IN-FACT	has hereunto set			
his hand this the $18TH$ day of DECEMB	ER, 20 <u>01</u> .		,			
SURETY		PRINCIPAL				
EVERGREEN NATIONAL INDEMNITY C		///	CTION COMPANY, INC.			
By: Attorney in Fact CHAD W. LAND	0					
		ATTEST				
By: Milean I fall Surety	Se	Virginia Bai	Yley			
STATEWIDE SURETY						
1825 MARKET CENTER BLVD., #385 DALLAS, TX 75207						

NOTE: Date of Maintenance Bond must not be prior to date of Contract.

Agency and Address

which contract and the Plans and Specifications therein mentioned adopted by the Town of Addison, are hereby expressly made a part hereof as though the same were written and embodied herein.

WHEREAS, under the Plans, Specifications and Contract it is provided that the Contractor will maintain and keep in good repair the work herein contracted to be done and performed for a period of one (1) years from the date of acceptance, and to do all necessary backfilling that may arise on account of sunken conditions in ditches, or otherwise, and to do and perform all necessary work and repair any defective condition growing out of or arising from the improper joining of the same, or on account of any breaking of the same caused by the said Contractor in laying or building the same, or on account of any defect arising in any of said part of said work laid or constructed by the said Contractor, or on account of improper excavation or backfilling; it being understood that the purpose of this section is to cover all defective conditions arising by reason of defective materials, work or labor performed by the said Contractor; and in case the said Contractor shall fail to do, it is agreed that the City may do said work and supply such materials, and charge the same against the said Contractor and sureties on this obligation, and the said Contractor and sureties hereon shall be subject to the liquidated damages mentioned in said contract for each day's failure on its part to comply with the terms of the said provisions of said contract; planting materials (ground cover, and grasses) will be warranted for one (1) year from the time of final completion and acceptance by the Town of Addison.

NOW THEREFORE, if the said Contractor shall keep and perform its said agreement to maintain said work and keep the same in repair for the said maintenance period of one (1) years, as provided, then these presents shall be null and void and have no further effect; but if default shall be made by the said Contractor in the performance of its contract to so maintain and repair said work, then these presents shall have full force and effect, and said Town of Addison shall have and recover from the Contractor and its sureties damages in the premises, as provided, and it is further understood and agreed that this obligation shall be a continuing one against the principal and sureties hereon and that successive recoveries may be had hereon for successive breaches until the full amount shall have been exhausted; and it is further understood that the obligation herein to maintain said work shall continue throughout said maintenance period, and the same shall not be changed, diminished, or in any manner affected from any cause during said time.

Į

SECTION MB MAINTENANCE BOND

BOND NO. 118929

STATE OF TEXAS

COUNTY OF DALLAS

COMPANY , a corporation organized under the laws of OHIO and		
as sureties, said sureties being authorized to do business in the		
State of Texas, do hereby expressly acknowledge themselves to be held and bound to pay unto the Town of Addison, Texas, a duly incorporated home rule municipal corporation under the laws of the State of Texas, the sum of FORTY TWO THOUSAND FIVE HUNDRED AND 00/100 DOLLARS (\$42,500.00) (\$42,500.00) for the payment of which sum will and truly to be made unto said Town of Addison and its successors, said principal and sureties do hereby bind themselves, their assigns		
the Town of Addison, Texas, a duly incorporated home rule municipal corporation under the		
·		
FORTY TWO THOUSAND FIVE HUNDRED AND 00/100 DOLLARS (\$42,500.00)		
(\$42,500.00) for the payment of which sum will and truly to be made unto said Town of		
Addison and its successors, said principal and sureties do hereby bind themselves, their assigns		
and successors, jointly and severally.		
This obligation is conditioned, however, that whereas said:		
LINDAMOOD CONSTRUCTION COMPANY, INC.		
has this day entered into a written contract with the said Town of Addison to build and construct the		
NILES PROPERTIES DEMOLITION BUILDING DEMOLITION, PAVEMENT REMOVAL, GRADING		
AND RESTORATION		
•		

IN WITNESS WHEREOF, the above-bounden parties have executed this instrument under their several seals on the date indicated above, the name and corporate seal of each corporate party being hereto affixed and these presents duly signed by its undersigned representative, pursuant to authority of its governing body.

SEAL	LINDAMOOD CONSTRUCTION COMPANY, INC
	By: Kayla Mindamood
	Address: 2020 S. NURSERY ROAD
WITNESS	<u>IRVING, TX 75060</u>
SEAL ATTEST: Mean Hall.	EVERGREEN NATIONAL INDEMNITY COMPANY SURETY By: CHAD W. LAND, ATTORNEY-IN-FACT Address: P.O. BOX 18295 COLUMBUS, OH 43218
Title: alm asst.	
(Surety to Attach Power of	of Attorney)
CERTIFICATE AS TO CORPOR	RATE PRINCIPAL
I, <u>Virginia Baxley</u> , certify that I am the PRINCIPAL in the within bond that <u>Kayla Lin</u> the said bond on behalf of the PRINCIPAL, is the <u>Viscorporation</u> ; that I know his signature, and his signature was duly signed, sealed and attested for and in behalf governing body.	ee President said said bond



TEXAS DEPARTMENT OF HEALTH

JOHN LUDEKE, R.S. FOOD & DRUG INVESTIGATOR BUREAU OF FOOD & DRUG SAFETY

PUBLIC HEALTH REGIONS 2/3 301 SOUTH BOWEN ROAD, SUITE 200 REINGTON, TEXAS 76013-2262 METRO (817) 264-4682 VOICE MAIL (817) 264-4704 FAX (817) 264-4717



TEXAS DEPARTMENT OF HEALTH BUREAU OF FOOD AND DRUG SAFETY 1100 WEST 49TH STREET AUSTIN, TEXAS 78756

DISPOSITION OF DETAINED PRODUCTS

The following merchandise: Sample No **Product** Code No Quantity NA NA 20 Pallets Dietary Supplements From Akahi.com in possession of City of Addison, 15111 &15113 Surveyor, Addison, 75001 (Desier, Firm, or Manufacturer) (Zip Code) and more particularly located at on metal racks in the warehouse (Geographic location in warehouse or stockroom) of the Texas Department of Health detained by Seri Lang (Authorized Agent) 9/7/00 Released and destroyed by Lindamood was (Released, Destroyed, Reconditioned, Court Disposition, Etc.) (Date of Detention) Demolition by be dumped and destroyed at the City of Lewisville Landfill



LETTER OF TRANSMITTAL

Job No. 25768

Date

July 27, 2001

To: Jim Pierce, P.E. 16801 Westgrove Drive Addison, Texas 75001-9010 Re: Niles Property Demolition Plans and Specs

Steve

WE ARE FORWARDING TO YOU:

NO. OF COPIES	SHEET NO.	LAST DATED	DESCRIPTION
1	1-6	July 27, 2001	Plans for referenced project.
1		July 27, 2001	Specifications for referenced project.
	···		
	* * * * * *		
	Name	^^~~	
••••••••••			
THESE ARE TRA	oval	For your use	As requested For review & comment
			for the referenced project. Also included is a list of comments and g the time to meet with me Thursday, have a good weekend.
\$ 1			
•			
:			
COPY TO:			0 1 100
AMS, 25768	8		By: June Alexander
			Jerry D. Holder, Jr., P.E.

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REAL ESTATE APPRAISAL OF

Midway Road at Keller Springs CMAQ 12, Parcel 2 Project # 91/835

M&F Development Company, Inc. 15980 Midway Road Addison, Dallas County, Texas 7500I

PREPARED FOR:

Dallas County Public Works Attention: Mr. Craig Marek, SR/WA 411 Elm Street, 3rd Floor Dallas, Texas 75202

EFFECTIVE DATE OF THE APPRAISAL: December 5, 2003

INTEGRA REALTY RESOURCES DFW, LLP FILE NUMBER: 116-2003-0718



LOCAL EXPERTISE...NATIONALLY



DALLAS COUNTY DEPARTMENT OF PUBLIC WORKS

APPRAISAL REPORT

Address of Property:		15980 Midway Road Addison, Texas 75001			Parcel:	2, CMAQ 12		
Property Owner:		M&F Development Company, Inc. c/o Fritz Duda Jr. (972-934-2244)		Account:	•			
Address of Property Owner:		13355 Noel Rd., Suite 1315 Dallas, Texas 75240		CSJ:	-			
Occupant's Name:		Vacant land		Project No:	91-835			
Whole:		Partial:	X	Acquisition	Highway:		County:	Dallas

PURPOSE OF THE APPRAISAL

The purpose of this appraisal is to estimate adequate compensation, in compliance with the Texas Constitution, Article 1, Section 17, to be paid by Dallas County for the acquisition of Real Property interest as described herein.

MARKET VALUE

Market Value may be defined as follows: Market Value is the price which the property would bring when it is offered for sale by one who desires, but is not obliged to sell, and is bought by one who is under no necessity of buying, taking into consideration all of the uses to which it is reasonably adaptable and for which it either is, or in all reasonable probability will become available within the reasonable future.

AFFIDAVIT OF APPRAISER

I have personally inspected the property herein appraised and to the best of my knowledge and belief the statements contained in the appraisal hereinabove set forth are true, and the information upon which the opinions expressed therein are based is correct.

That on 12/05/2003 (date)(s), I personally inspected in the field the property herein appraised; and that I afforded Fritz Duda, Jr, the opportunity to accompany me at the time of the inspection.

I have no direct or indirect present or contemplated future personal interest in such property or in any benefit from the acquisition of such property appraised; and that should I or any employee in my service acquire any interest in or to the property appraised prior to the acquisition of the parcel by the County, I will immediately notify the County of such interest or interests:

I have not revealed and will not reveal the findings and results of such appraisal to anyone other than the proper officials of the County of Dallas until authorized by County officials to do so, or until I am required to do so by due process of law, or until I am released from this obligation by having publicly testified as to such findings.

My opinion of the fair market value of the acquisition plus damages, if any as of the 5th day of December, 2003, is \$17,420, based upon my independent appraisal and the exercise of my professional judgment.

12/06/2003

Donald J. Sherwood, MAI

Date

THE STATE OF TEXAS)
COUNTY OF TARANT)

BEFORE ME, the undersigned authority, in and for Tarrant County, Texas, on this day personally appeared <u>Donald J. Sherwood</u> known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purpose and consideration therein expressed.

GIVEN UNDER MY HAND AND SEAL OF OFFICE, This

day of December 201

Notary Public, Tarrant County, Texas My Commission Expires

SHAWN ROBBINS

Notary Public, State of Texas

My Commission Expires

January 24, 2007

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ADDENDA:

CERTIFICATION PAGE, ASSUMPTIONS AND LIMITING CONDITIONS, OWNER CONTACT LETTER OR LETTER OF PERMISSION

Summary of Determination of Compensation

Parcel # 2 Project Name	/Number CMAQ 12, Midway Road at Keller Springs Project # 91/835					
Location or Address 15980 Midway Road, Addisc	Location or Address 15980 Midway Road, Addison, TX 75001					
Character of Acquisition Whole ☐ Bisection I ☐ Partial ☑ Bisection II ☐						
Owner M&F Development Company, Inc. Address 13355 Noel Road, Suite 1315, Dallas, TX 7 Occupant Vacant Land c/o Fritz Duda Jr.	Address 13355 Noel Road, Suite 1315, Dallas, TX 75240 Telephone					
Whole Property (from 3-1)	Area Acquired (from 4-1, 4-2, 4-3)					
Fee Area 96,021 SF, 2.2043 Acres DE Area - SF, - Acres Highest & Best Use Com. Dev. Value By Market Data \$864,189 Value By Income Approach N/A Final Value Conclusion \$864,189 Remainder After Acquisition (from 6-1) Fee Area 94,093 SF, 2.1600 Acres DE Area - SF, - Acres TE Area - SF, - Acres Highest & Best Use Value By Market Data \$846,837 Value By Cost Approach Value By Income Approach N/A Value By Income Approach Value By Income Approach N/A	Fee Area 1,928 SF, 0.0443 Acres DE Area - SF, - Acres TE New - SF, - Acres Value from Information on Whole Value Determined Independently Highest & Best Use As part of Whole Improvements Concrete Paving \$68 TOTAL IMPROVEMENTS \$68 Land Fee \$17,352 Drainage Easement Temporary Easement					
FINAL VALUE CONCLUSION \$846,837	TOTAL ACQUISITION VALUE \$17,420					
	Remainder Before Acquisition (Calc.)					
	Value of Whole \$864,189 LAND Value of Area Acquired \$17,352 LAND Value of Remainder \$846,837					
Determination of Compensation						
Value of Area Acquired (Land Only) Value of Remainder Before Acquisition Value of Remainder After Acquisition Damages (or Enhancement) Temporary Easement Permanent Easement Improvements within ACQUISITION AREA TOTAL COMPENSATION	\$846,837 \$846,837 \$0 \$0 \$0 \$68					
Comments: The appraiser's opinion is that there are no permanent damages to the remainder as a result of the acquisition and no compensation is due in this regard.						

LEGAL DESCRIPTION OF THE SUBJECT PROPERTY

The subject is legally described as part of Lot 2, Midway Park North II, City of Addison, Dallas County, Texas.

PROPERTY RIGHTS APPRAISED

The property rights being appraised consist of a fee simple estate and/or an easement in the subject property. Fee simple estate is defined in <u>The Dictionary of Real Estate Appraisal</u>, Fourth Edition, copyright 2002, page 113, by the Appraisal Institute as being:

"Absolute ownership unencumbered by any other interest or estate, subject only to the limitations imposed by the governmental powers of taxation, eminent domain, police power, and escheat."

An easement is defined in <u>The Dictionary of Real Estate Appraisal</u>, Fourth Edition, copyright 2002, page 90, by the Appraisal Institute as being:

"An interest in real property that conveys use, but not ownership of a portion of an owner's property. Access or right-of-way easements may be acquired by private parties or public utilities."

INTENDED USE OF THE REPORT

The intended use of this report is to provide an estimate of market value of the subject property land and total compensation due to the owner. The intended user is Dallas County to assist in the acquisition of right-of-way for a public purpose. Any other use of this report is not authorized.

SCOPE OF THE APPRAISAL

The scope of the appraisal means the extent of the process of collecting, confirming and reporting data. An estimate of the total compensation due to the owner of the property as the result of a proposed acquisition from the property is prepared. This will require an appraisal of the Whole Property, the Area Acquired and the value of the Remainder Before and After the Acquisition. The process included collecting data and information concerning the subject property and an inspection of the property. The appraiser has examined public records including plat and map records such as zoning maps, ordinances, and flood plain data.

Upon determination of the subject's Highest and Best Use, the appraiser researched public records for recent sales of comparable properties. Factual data collected on the comparable sales included characteristics of the site and improvements, if any, consideration of the sale price given, extent of financing made available, if any, and dates of sale.

When applicable, the appraiser also examines and researches rental rates and expenses in the development of the Income Approach. When applicable, the Cost Approach is developed through the Marshall and Swift Cost Calculator Service, file data and/or interviews with developers/builders/contractors. This information has been analyzed and is presented in the following report.

JURISDICTIONAL EXCEPTION

This appraisal is intended to conform to the requirements of the USPAP. Jurisdictional exception provides for severability preserving the balance of USPAP if one or more parts of USPAP are "contrary to law or public policy of a jurisdiction." According to USPAP, "A law means a body of rules with binding legal force established by controlling governmental authority." This includes federal and state constitutions, legislative and court made law, administrative rules, regulations and ordinances. As appraisals performed for eminent domain are subject to certain constraints based on statutory and case law regarding compensability, the issue of jurisdictional exception has been invoked in the preparation of this appraisal and report.

DATE OF VALUE ESTIMATE

The effective date of this appraisal is the date of the inspection December 5, 2003. The date of the report is the date of the signature on the first page of this report.

EXPOSURE PERIOD

A reasonable exposure period for the subject property is considered to be within twelve months, approaching a value, and highest and best use, as stated herein.

REPORT TYPE

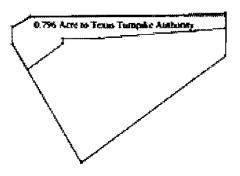
Due to the jurisdictional exception granted to governmental agencies with the power of eminent domain, such as Dallas County, some of the traditional requirements of USPAP are not applicable. As required by Dallas County, standardized forms have been completed and are included herein, along with supplemental comments when appropriate.

In accordance with the USPAP, the appraisal of the subject property is reported in the following text as a summary appraisal report. As such, it represents a summary discussion of the data, reasoning and analyses that were utilized in the appraisal process to develop the appraiser's opinion of value. Supporting documentation concerning the data, reasoning and analyses is retained in the appraiser's file. The depth of discussion contained in this report is specific to the needs of the client and for the intended use stated previously. The appraiser is not responsible for unauthorized use of this report.

HISTORY OF SUBJECT PROPERTY

The Standards of Professional Appraisal Practice require full disclosure of any sales or property transfers occurring within the previous three years of the date of value. According to Deed records, the subject property is currently vested in M & F Development Company, Inc. Deed records indicate that the property was conveyed from Pacific Inland Bank, Accommodator on April 24, 1990.

The original deed records indicate that the subject tract contained 3 acres. However, a portion of the property along the north property line was acquired by the Texas Turnpike Authority in 1997. Deed records indicate that the Texas Turnpike Authority acquired 0.796 acre, or 34,659 square feet. As such, the indicated size of the subject today is about 2.2043 acre, or 96,021 square feet.



Currently, the subject property is listed for sale through the Robert Lynn Company. The asking price quoted was \$10.00 per square foot, or about \$962,676. The site is being marketed as 2.21 acres by Mark Miller, Chris Jackson and Becky Miller. According to Becky Miller, there are no pending contracts or offers on the property as of December 8, 2003.

ENVIRONMENTAL DISCLAIMER

The value estimated in this report is based on the assumption that the property is not negatively affected by the existence of hazardous substances or detrimental environmental conditions. While possible environmental issues were observed, we have assumed that the property is not negatively affected. It is possible that tests and inspections made by a qualified hazardous substance and environmental expert would reveal the existence of hazardous materials and environmental conditions on or around the property that would negatively affect its value.

<u>DEFINITION OF MARKET VALUE</u>

Market Value is defined by City of Austin v. Cannizzo, 267 S.W. 2d 808 (Tex 1954) as being:

"The price the property would bring when offered for sale by one who desires to sell, but is not obliged to sell, and is bought by one who desires to buy, but is under no necessity of buying, taking into consideration all of the uses to which it is reasonably adaptable and for which it either is, or in all reasonable probability, will become available within the reasonable future."

INSPECTION INFORMATION

On September 25, 2000, a certified owner contact letter was mailed to the property owner, Mr. Fritz Duda Jr. of M & F Development Company, Inc. On October 31, 2000, an initial inspection of the property was made with the property owner. Subsequent to the original inspection and report, the proposed right-of-way was redesigned. The new right-of-way plans were completed in May 2003. Subsequent calls were made to Mr. Fritz Duda Jr. in October and early December 2003. Mr. Duda was reported to be out of the country. A subsequent inspection of the property was made from public right-of-ways on October 23 and December 5, 2003. On December 11, 2003, Mr. Duda called the appraiser and gave permission to inspect the property.

NEIGHBORHOOD DESCRIPTION

A neighborhood is typically a segment of a community, city or town, which is a homogeneous grouping of individuals, buildings, or business enterprises within the larger community. A neighborhood has three stages of life and possibly a fourth. They are: (1) integration (the development stage), (2) equilibrium (the static stage), (3) disintegration (the declining or decaying stage), and possibly, (4) a redevelopment or rejuvenation state or period and continuance of the neighborhood life cycle. Principal factors which improve neighborhood values are good schools, churches, recreational facilities, homogeneity and civic responsibility, prestige and visual appeal, satisfactory transportation affording good ingress and egress, good planning, adequate utilities, conformity in land use, sensible zoning, and topographical and geographical advantages. Some factors which reduce neighborhood values are: the tendency of inhabitants to think the neighborhood is losing its desirability, movement of undesirable uses into the area, lack of zoning protection, increasing taxes, reduced rental rates and values of surrounding properties, lack of adequate planning, community pride, and nuisances. The revised edition of this book entitled *Real Estate Appraisal Terminology* defines a neighborhood as:

A portion of a larger community or an entire community in which there is a homogeneous grouping of inhabitants, buildings or business enterprises. Inhabitants of a neighborhood usually have more than a casual community of interest. Neighborhood boundaries may consist of well-defined natural or man-made barriers or they may be more or less well defined by a distinct change in land use or in the character of the inhabitants.

Boundaries

The subject is in the western part of the Town of Addison, which is approximately 15 miles to the north of the Dallas Central Business District. For purposes of this report, the neighborhood boundaries are best described as follows.

North	Frankford Road	
South	IH-635 (LBJ Freeway)	
East	Marsh Lane	
West	Preston Road	

A map highlighting these boundaries follows this section. The neighborhood is primarily influenced by the Dallas North Tollway and Beltline Road corridors.

Access

Primary east/west access to the neighborhood is provided by LBJ Freeway (Interstate Highway 635), Belt Line Road, Arapaho Road, Spring Valley Road, Frankford Road and Trinity Mills. The Dallas North Tollway/Dallas Parkway, Preston Road, Addison Road, Marsh Lane and Midway Road are major arterial roads that traverse the far north Dallas area in a north/south direction. The market area is bisected by the Dallas North Tollway which provides excellent direct access to the Dallas Central Business District, as well as the northernmost suburbs of Dallas.

Interstate 635 is a major highway that loops the northern half of Dallas. President George Bush Turnpike, (SH-190) a six-lane toll road highway, bisects the City of Carrollton east to west along the existing Trinity Mills corridor, providing an additional east-west thoroughfare through far north Dallas. Overall, access from all directions is considered good.

Transportation

Public transportation (bus service) is provided by Dallas Area Rapid Transit (DART) and is considered average.

Demand Generators

Addison's location in the Dallas/Fort Worth Metroplex provides its residents and businesses with access to a region of over 4.0 million people. The market area contains, or is proximate to several major employment centers. The area is located approximately three miles north of the LBJ corridor, which is home to numerous office buildings and retail centers. Other employment centers within a 20-minute driving distance include the "Telecom Corridor" area along North Central Expressway in Richardson and Plano, Medical Center of Plano, and Presbyterian Hospital of Plano. Although the majority of market area residents commute to jobs in other parts of the metro area, the market area contains several significant employers. Employers in the area are located primarily along the Dallas North Tollway and the Legacy Business Park. Some employers in the area include JC Penney, Electronic Data Systems, Frito Lay, AT&T, Hewlett-Packard, Ericson, CompUSA, Network Associates, Tenant Health Care System, and Pizza Hut.

In addition, the Addison Airport (ADS) is located just east of the subject property. The airport was built in 1957 and was sold to the Town of Addison in 1986. It is now the third largest general aviation airport in the country. It has 750 based aircraft and a 7,200 foot runway with numerous private hangers. It is the preferred choice of most owners of private and corporate jets in the Metroplex. We believe that there is no negative impact to the subject property due to the amount of surrounding single-family residential, multi-family, industrial, and commercial/retail uses. Also, there has been continuous new development of apartments, office and commercial product in this area for the last five years.

Retail and Public Services

The nearest commercial area with restaurants, convenience stores and support services are located along all major intersections of the market area, but particularly along the Beltline Road corridor. The nearest fire and police stations are within two miles of the property.

Land Use

The market area land uses include a mix of residential (single-family, multi-family, and townhouse), commercial, retail, and light industrial. The vast majority of the area's land use is residential. Commercial uses (office) are generally located along Marsh Lane, Spring Valley, and Belt Line Road. Retail uses are also generally concentrated along major intersections throughout the market area and most significantly along Beltline Road between Marsh Lane and the Dallas North Tollway. It is heavily developed with shopping centers and restaurants. Land use characteristics are summarized in the following outline format.

SUMMARY OF LAND USE		
Type:	Suburban	
Property Values	Increasing	
Approximate Total Percent Built up	95%	
Single-family	10%	
Apartments	35%	
Commercial	50%	
Industrial	5%	
Prevailing Single-family Price Range	\$150,000 to \$250,000	
Predominant Single-family Price	\$175,000	
Change in Land Use	Not likely	
Infrastructure/Planning	Average to good	
Predominant Age of Improvements	15 years	
Predominant Quality and Condition	Average	
Predominant Location of Undeveloped Land	North	
Prevailing Direction of Growth	North	

Demographic Factors

The market area falls within the 75001 zip code. Although there are zip code overlaps for the subject market area, the following demographic data as extracted from Claritas, Inc. should provide adequate insight on the subject market area. In this analysis, we have provided demographics within a three mile radius of the subject property.

		Median	Median
		Number of	Household
Three Mile Radius	Population	Households	Income
1990	96,059	45,182	\$37,792
2000	131,492	63,325	N/A
2002	137,797	66,583	\$62,715
2007 (projection)	153,563	74,613	N/A

The subject's market area is considered to be above the middle income range for the State of Texas.

Development Activity

During the last five years, the subject's market area has increased its population and number of housing units. However, much of the residential development occurred during the mid 1980's. Recently the rate of development has slowed somewhat. The area is still considered a high growth area and will continue to grow at a faster pace than the PMSA as a whole.

SITE ANALYSIS

DESCRIPTION AND ANALYSIS OF THE LAND

The subject site is summarized in the following tables. The description is based on our inspection as well as information provided by public sources and the client.

LEGAL DESCRIPTION

The subject is legally described as part of Lot 2, Midway Park North II, City of Addison, Dallas County, Texas.

PHYSICAL FEATURES

Land Area	Based on deed records, the whole subject property contains
	approximately 2.2043 acres, or 96,021 square feet.
	The current size estimate of the subject excludes right-of-way
	that was acquired from the property in 1997 along the northern
	property line. A current survey of the whole site was not
	provided.
Configuration	Irregular shaped. (See site/plat plan following this section).
Improvements	The subject property is mostly undeveloped. The southeast and
	east line of the property contains a concrete drive isle.
Topography	Near level.
Drainage	Adequate.
Flood Plain	
Community Panel #	48113C 0180J Dated August 23, 2001
Flood Zone	Zone X - Zone X is the flood insurance rate zone that
	corresponds to areas outside the 1-percent annual chance of
	floodplain. No Base Flood Elevations or depths are shown
	within this zone.
Flood Insurance	Insurance purchase is not required in this zone.

The subject and immediate surrounding area is not traversed by a major creek or drainage channel. Hutton Branch Creek is the closest stream, which is located about 2 blocks to the north.

Environmental Hazards

Environmental evaluation is beyond our scope of expertise. A qualified engineer should be consulted on this matter.

Ground Stability

We were not furnished a soil analysis to review. Our value conclusion is based upon the soil's load bearing capacity being sufficient to support the use or uses discussed in the Highest and Best Use section. We did not observe any evidence to the contrary during our inspection of the property.

Easements, Encumbrances, and Moratoria

We were not provided a current survey or title report to review. However, an inspection of the site indicated overhead electrical lines along the perimeter portions of the property. Markers for underground utilities are also indicated in these areas. These easements are considered typical and do not hinder the use of the site.

Conveyance documents indicate that the subject property has a shared access easement along the southerly and easterly lot line. This easement is currently developed with a concrete drive isle that is shared with the property owner on the south side of the subject.

Encroachments

We were not provided a detailed survey. No apparent encroachments were noted.

STREETS, ACCESS, FRONTAGE

Street	Midway Road	
Frontage	Approximately 272.27 feet	
Paving	Concrete	
Curbs/Gutters	Yes	
Sidewalks	No	
Lanes	6	
Direction of Traffic	North/South	
Condition	Average	
Traffic Levels	Medium to Heavy	
Signals/Traffic Control	Signal near NW corner	
Access	Average	
Visibility/Exposure	Good	

The subject also has about 567 feet of frontage along Keller Springs Road along the north side of the property. The intersection of Midway Road and Keller Springs Road is considered a major intersection in the neighborhood. However, the subject property has no access along Keller Springs Road. In 1997, the Texas Turnpike Authority (TTA) acquired a portion of the subject along Keller Springs for the construction of the Addison Toll Tunnel. This Tunnel was bored under the Addison Airport and the grade change of the roadway drops significantly along the subject. A retaining wall and fencing prevents access along the northern boundary of the subject to Keller Springs. The TTA alos maintains a tollbooth and small parking lot on the north side of the subject. It is also reported that the TTA denied access along the Keller Springs frontage along the subject.

Conversations with Steve Chutchian, P.E. Assistant City Engineer for Addison have indicated that the subject has 100 feet along Midway Road that the City would permit a drive (Before and After the proposed acquisition). This area is 50 northwest of the southeasterly lot line along Midway Road and is depicted in green on Page 1-12.

The latest traffic count (7/2002) on Midway Road at Keller Springs by the City of Carrollton shows 37,734 vehicles in a 24-hour period. On Keller Springs at Midway Road, the City of Carrollton showed 9,927 vehicles in a 24-hour period in 7/2002.

LEGAL

Zoning				
Designation	PD – Planned Development District 096-033			
	Generally for uses allowed in the I-1 Industrial District.			

The subject zoning was changed in July 1996 as a result of a right-of-way acquisition for the Addison Toll Tunnel along the property's northern boundary (Keller Springs Road). As noted in Resolution No. R96-051 by the City Council of the Town of Addison, the acquisition from the subject property in 1996 would result in the remainder property to fail to conform to the City's zoning requirements for building setbacks, landscaping, parking space requirements and guidelines for fire lanes. As such, a zoning change was enacted to achieve conforming status for the remainder property after the right-of-way acquisition for the Addison Toll Tunnel project. In general, the underlying zoning district is the I-1 Industrial District. The I-1 District provides for industrial uses, along with most uses permitted in the C-2 Commercial District.

Minimum Yard Setback	10 Feet along Keller Springs Road	
	25 Feet along Midway Road	
Minimum Rear Yard	0 for adjacent commercial;	
	10 Feet for adjacent residential	
Maximum Height	Six (6) stories	
Maximum Lot Coverage	As the site existed on July 23, 1996.	
Conformance	In essence, the subject is presently zoned with a PD that	
	allows a smaller setback along the Keller Springs Road	
	frontage (10 feet). The prior setback was 50 feet.	

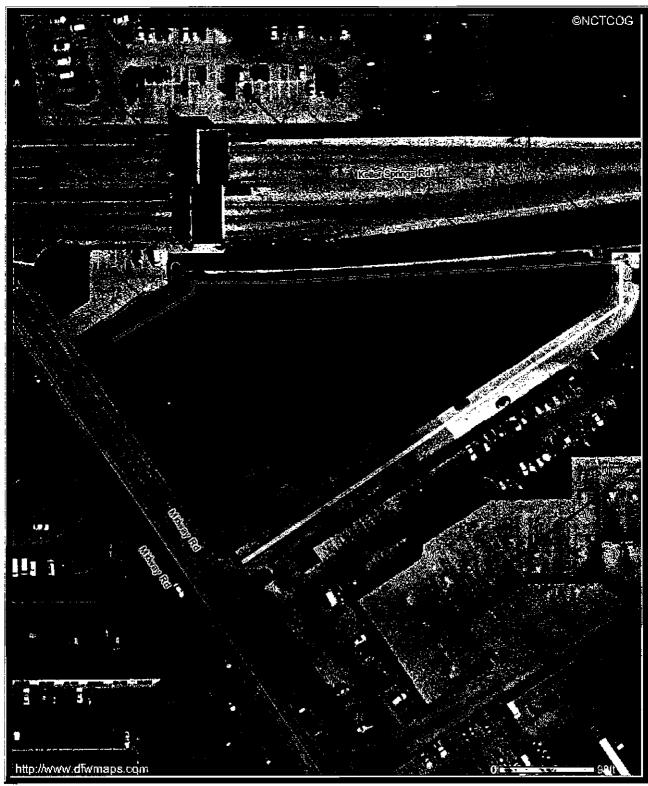
UTILITIES

Utility	Provider
Water	City of Addison
Sewer	City of Addison
Electricity	TXU Electric (Oncor)
Natural Gas	TXU Gas (Oncor)
Local Telephone	Southwestern Bell

SUMMARY OF LAND DESCRIPTION

The subject parcel is a 2.2043-acre, or 96,021 square foot site located at the southeast quadrant of Midway Road and Keller Springs Road in Addison, Texas. While the subject has frontage along Keller Springs Road, access is restricted. Flood zone maps indicate that the site is not located within a flood zone. There are no obvious easements or encroachments that adversely impact the property. The zoning of the site is a planned development district, with underlying zoning that permits most industrial and commercial uses.

AERIAL PHOTO (CIRCA 2001)



Yellow = Property Line.

Red = Proposed Right-of-Way Acquisition.

Green = 100 feet along Midway Road that the City would permit a drive before and after the proposed acquisition.

TAX ANALYSIS

Real estate tax assessments are estimated by jurisdiction on a county basis for the subject. The property is located in Dallas County. Real estate taxes in this state and this jurisdiction represent ad valorem taxes, meaning a tax applied in proportion to value. The real estate taxes for an individual property may be determined by dividing the assessed value for a property by \$100, then multiplying the estimate by the composite rate.

The assessed values are based upon the current conversion assessment rate of 100% of assessor's market value. For reference purposes, the subject has been assigned a property tax identification number as follows:

Property Tax Identification Number (s)	10-05100-000-002-00-00
----------------------------------------	------------------------

Real estate taxes are due January 31st of each year and are considered delinquent on February 1st. Tax rates are reviewed once a year. The composite 2003 tax rates and 2003 assessed values for the subject is itemized as follows:

	REAL ESTAT	E TAXES	
Tax Owner	Improvement Value		\$ -
M & F Dev.	Land Value		\$ 460,010.00
Co. Inc.	Total Value		\$ 460,010.00
	TAX RATE PE	R \$100	TAXES
Dallas County	\$	0.541160	\$ 2,489.39
Addison	\$	0.422800	\$ 1,944.92
Dallas ISD	\$	1.639500	\$ 7,541.86
TOTAL	\$	2.603460	\$ 11,976.17

The subject tax records indicate that the whole subject site is comprised of 130,684 square feet, or 3.0001 acres. Presently, the subject tax records indicate that the land is assessed at \$3.52 per square foot.

PROJECT DESCRIPTION

The County of Dallas is proposing to improve the intersection of Midway Road and Keller Springs Road with wider turning radiuses to accommodate longer trailers. This will include widening portions of Midway Road, increasing vehicle turning radii, enhancing accessibility for the disabled and making utility and traffic signal adjustments. This project involves partial acquisitions consisting of both fee acquisitions and temporary easements to allow for the expansion. The overall purpose of the project is to provide the traveling public a good, traversable, and safe public roadway.

For the subject site, Dallas County has proposed to acquire 1,928 square feet of land area in fee interest. The fee area generally consists of a narrow parcel along Midway Road. The proposed acquisition has approximately 272.27 feet of frontage along Midway Road and a depth of about 1.81 feet at the south property line, increasing to a depth of 18.15 feet at the intersection with Keller Springs Road.

In has been noted that the original acquisition proposed for the subject would have allowed for a longer stacking turn lane along Midway Road. However, this would have affected ingress/egress to the property. The proposed acquisition was redesigned in May 2003 and a shorter stack lane was designed. According to Steve Chutchian, P.E. with the city of Addison, the permitted access area before and after the proposed (revised) right-of-way will be the same.

An inspection of the site indicated that the proposed acquisition contains some concrete paving.

HIGHEST AND BEST USE

According to the Appraisal Institute, <u>The Appraisal of Real Estate</u>, 12th Edition, the highest and best use of a property is defined as "The reasonably probable and legal use of vacant land or improved property, which is physically possible, appropriately supported, financially feasible, and that results in the highest value." The highest and best use is estimated based upon two different premises: 1) as if vacant and available for development, and 2) as presently improved. Since the subject property is unimproved, the "as vacant" premise is applicable. In the highest and best use, the following four criteria must be met.

ANALYSIS OF SITE "AS VACANT"

PHYSICALLY POSSIBLE

Many physical characteristics of a site can affect the uses to which it can be put. These characteristics can include size, location, shape, road frontage, topography, easements, utility availability, flood plain, and surrounding properties. The subject site consists of 2.2043-acres, or 96,021 square feet of land.

As indicated in the site analysis, traffic counts along Midway Road are considered strong. Keller Springs Road has significantly lower levels of traffic. The site does not have access to Keller Springs Road. Keller Springs Road drops below grade at the subject for the Addison Toll Tunnel under the Addison Airport.

An observation of uses along Midway indicates that the majority of properties have either retail or office users. Most office tech space in the area is located on interior parcels.

The topography was found to be about grade level of Midway Road. According to the Flood Insurance Rate Maps, the subject property does not lie within an identified flood hazard area. As previously mentioned, utility easements are present along the perimeter portions of the site. The location of the easements is typical and does not have an adverse affect on the utility of the site.

LEGALLY PERMISSIBLE

Except for legally non-conforming property, the first step in determining what is legally permissible is to analyze private restrictions, zoning, building codes, historic district controls, and environmental regulations. The subject is presently zoned with a planned development category, which was enacted in anticipation of a prior right-of-way acquisition from the site in 1997. The acquisition was along the Keller Springs frontage for the development of the Addison Toll Tunnel. The underlying zoning of the subject is "I-1" – Industrial District. Permitted uses within the Industrial Districts are intended to establish for a variety of industrial, commercial and office uses. Given the subject's location on Midway Road, and considering the conformity of use, a commercial or light industrial development would be most likely for the interior portion. Some form of a commercial or light industrial development would have the greatest possibility of being economically viable under the present legal constraints.

FINANCIALLY FEASIBLE

The uses that are physically possible and legally permissible must be analyzed further to determine those that are likely to produce some income or return greater than the combined income needed to satisfy operating expenses, financial expenses, and capital amortization. All uses that are expected to produce a positive return are regarded as financially feasible.

Based on a review of office data for the immediate subject market, office vacancies have increased in the last 18 to 24 months. In addition, rental rates have been on the decrease in the immediate market. Based on the soft economy at this time, as well as prevailing occupancy and rental rates, speculative office development is not financially feasible. Most commercial and industrial developments at present are facing similar trends. As such, investment holding or development for owner occupancy of the subject property would be a possibility.

MAXIMALLY PRODUCTIVE

Among financially feasible uses, the use that provides the highest rate of return or value (given a constant rate of return), is the highest and best use. The soft economy has resulted in increased office, industrial and retail vacancy rates in most suburban areas of the Metroplex. Rental rates and occupancy rates are not sufficient to support speculative commercial or industrial development at present. Therefore, the highest and best use of the site is to hold for investment pending increased demand.

HIGHEST AND BEST USE - PART TO BE ACQUIRED

The Part to be Acquired is a 1,928 square foot parcel in fee interest with frontage on Midway Road. It has been noted that the size of the proposed acquisition would be too small to represent an economic unit within itself. While smaller than the whole site, there is no market evidence that would suggest a unit value of a parcel smaller than the whole subject could command a higher unit value of its contribution to the whole. It is the appraisers' opinion that the comparable land sales used to estimate the market value for the subject property whole land would be applicable to the part to be acquired. Therefore, its highest and best use is as part of the Whole Property.

HIGHEST AND BEST USE - REMAINDER

The highest and best use of the Remainder After the Acquisition is the same as that of the Remainder with the Part to be Acquired. After the acquisition, the Remainder will be essentially the same as the Whole Property, except that it will be slightly smaller with 94,093 square feet. There are no major building improvements bisected or within the proposed area of acquisition.

In has been noted that the original acquisition proposed for the subject would have allowed for a longer stacking turn lane along Midway Road. However, this would have affected ingress/egress to the property. The proposed acquisition was redesigned in May 2003 and a shorter stack lane was designed. According to Steve Chutchian, P.E. with the city of Addison, the permitted access area before and after the proposed (revised) right-of-way will be the same.

Based on the location on constraints of the acquisition, the proposed acquisition does not alter the functional utility of the site.

Therefore, it is concluded that the highest and best use of the Remainder After the Acquisition is the same as that of the Whole Property, and that no permanent damages to the Remainder result from the loss of the Part to be Acquired.



WHOLE PROPERTY SITE DESCRIPTION & ANALYSIS

Legal Description: The subject is legally described as part of Lot 2, Midway Park North

II, City of Addison, Dallas County, Texas.

Mapsco Location: 4-T (Dallas Book)

Size: 96,021 Square Feet or 2.2043 Acres

Dimensions: 272.27' along Midway Road; 567' along Keller Springs; 62.38' along

east property line; 476.31' along southeast property line.

Present Zoning: PD – Planned Development District (I-1 – Industrial District)

Highest and Best Use

As Vacant: Investment holding or commercial development for owner occupancy.

As Improved: Undeveloped.

Utilities: City of Dallas, TXU Electric & Gas (Oncor), Southwestern Bell

Terrain and Topography: Generally level

Drainage: Appears Adequate

Flood: Zone X, area between limits of the 100-year flood and 500-year flood.

Easements of Record

and Effect:

Based on an inspection of the site, there are no apparent easements

adversely affecting this property.

Relationship of Site to

Nearby Streets:

The subject is located on Midway Road, which is a major north/south arterial spanning between Loop 12 in Dallas and Parker Road in Plano. Keller Springs Road is considered a secondary arterial providing

access between the Dallas North Tollway and Interstate 35E.

Describe Adjacent

Development:

Users along Midway Road include mostly retail and office uses, with some industrial buildings. The surrounding area also has a high concentration of office-tech centers on interior collector streets. The

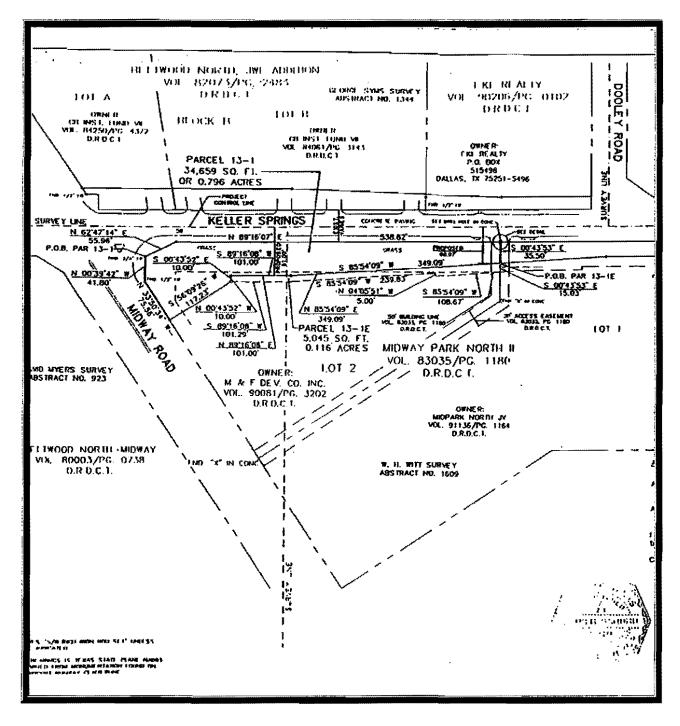
Addison Airport is located immediately to the east of the subject. The Addison Airport is surrounded by numerous aviation support

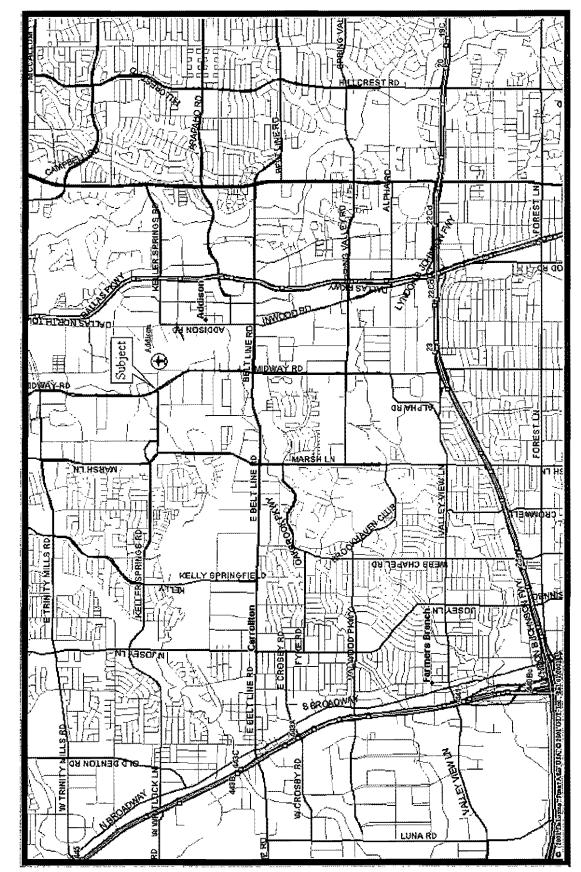
businesses.

Size of Area Acquired: 0.0443 Acres or 1,928 Square Feet of Fee Acquisition

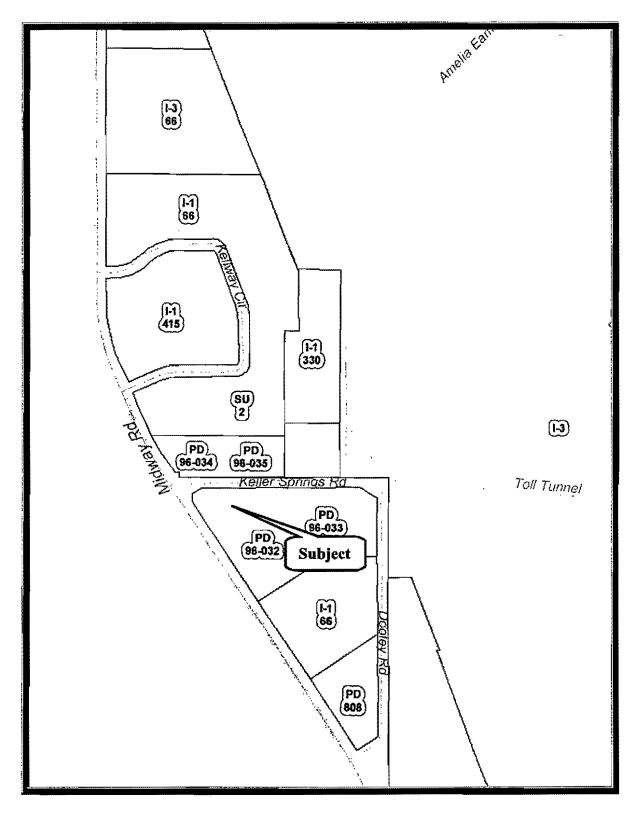
Size of Remainder: 2.1600 Acres or 94,093 Square Feet

WHOLE PROPERTY MAP (FROM TTA)

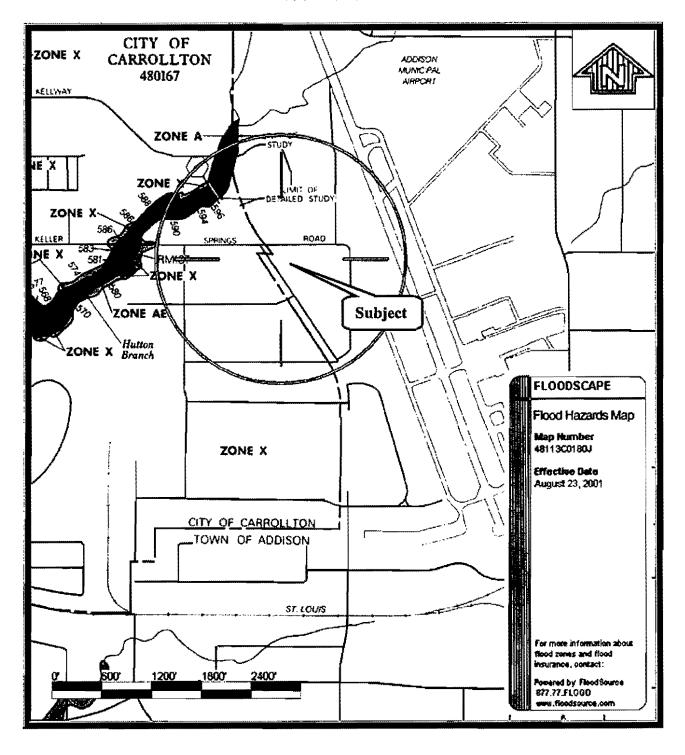




ZONING MAP



FLOOD PLAIN MAP



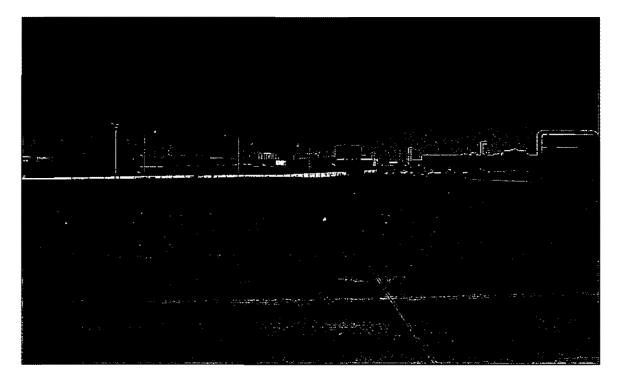


PHOTOGRAPHS OF SUBJECT PROPERTY Include Each Major Improvement

Parcel No.:	2		Local Address:	15980 Midway Road
Date Taken:	12/05/2003		Taken By:	Fee Appraiser
TD (which taken:	Midway Road	Looking:	E at subject, marketing sign.



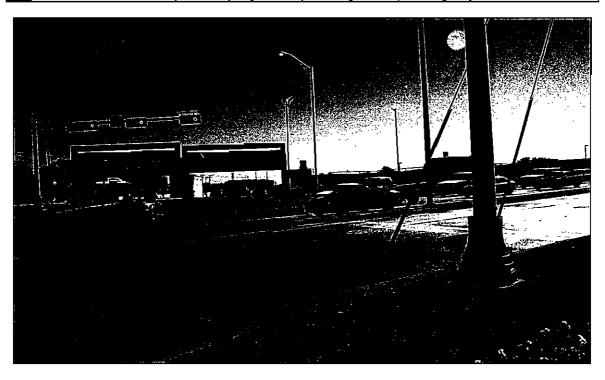
2. Point from v	vhich taken: Midw	ay Road	Looking:	NE at subject

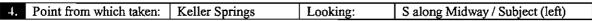




PHOTOGRAPHS OF SUBJECT PROPERTY Include Each Major Improvement

Par	rcel No.:	2		Local Address:	15980 Midway Road
Dat	te Taken:	12/05/2003		Taken By:	Fee Appraiser
3.	Point from	which taken:	Keller Springs Road	Looking:	E along subject





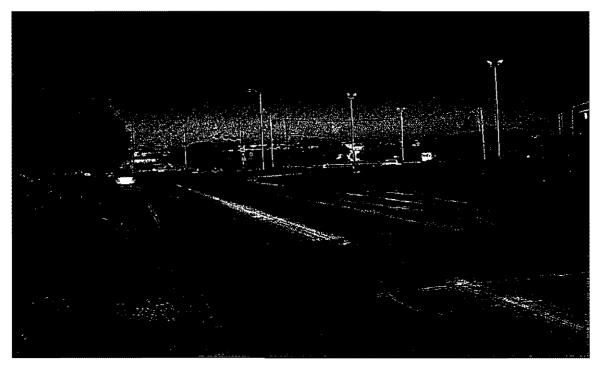


Picture Page 2

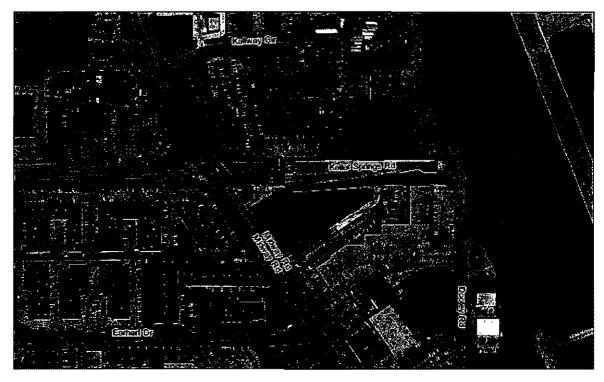


PHOTOGRAPHS OF SUBJECT PROPERTY Include Each Major Improvement

Parcel No.:	2	***************************************	Local Address:	1702-1710 Singleton Boulevard
Date Taken:	09/22/2003		Taken By:	Fee Appraiser
5. Point from	which taken:	Midway Road	Looking:	NW along Midway / Subject (right)







Picture Page 3



VALUE OF WHOLE PROPERTY

Income Approa	ich		.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	\$	N/A
Cost Approach					N/A
Market Data A	pproach			\$	864,189
sion:					
				ite method of valu are foot Whole P	
ie of the subject	Sile is \$604,	,107 101 (11	ie 10,901 squi	are loot whole r	roperty.
Estimated Land	d Value of th	ne Whole F	roperty	\$	864,189
RD	EARDOW	N FOR C	OMPHTATI	ION PHRPOSE	ç.
				ION PURPOSE	S:
Contributory Val	ue of Improve			ION PURPOSE	
	ue of Improve			ION PURPOSE	S: Not Valued
Contributory Val	ue of Improve			ION PURPOSE	
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Contributory Val	ue of Improve			ION PURPOSE	
Contributory Val. Site Improvemen	ue of Improve	ements (Item	ized)	ION PURPOSE	Not Valued
Contributory Val	ue of Improve	ements (Item	ized)	ION PURPOSE	
Contributory Val. Site Improvemen	ue of Improve	ements (Item	ized)	ION PURPOSE = \$	Not Valued

Total Land Value, Whole Property......\$ 864,189

COMPARABLE SALES SUMMARY

	LOCATION	SALE DATE	SALES PRICE	SIZE (SF)	ZONING
SUBJECT	15980 Midway Road Dallas, Texas 75212	-	-	96,021	PD
SALE 1	6100 Chapel Hill Plano, Texas 75093	3/19/2003	\$622,031	59,241	RC
SALE 2	2435 E. Hebron Parkway Carrollton, Texas 75010	6/19/2003	\$706,800	91,200	LC/O
SALE 3	4600 Preston Park Boulevard Plano, Texas 75023	10/29/2003	\$1,720,090	277,434	O-M
SALE 4	17,3520 Marsh Lane Carrollton, Texas 75007	12/04/2002	\$2,671,284	638,327	PD

The adjustments, as discussed starting on page 3-3 of this report, were made to compare each sale to the subject site and are summarized below.

ADJUSTMENT GRID

VALUATION GRID		Representative Comparable Sales					
	Comp No. 1	Comp No. 2	Comp No. 3	Comp No. 4			
Grantor	Willow Bend	Christian	Dallas Home	Marsh Partners			
Grantee	Chapel Hill	Marsh	R & B	Marsh Office			
Date of Sale	3/19/2003	6/19/2003	10/29/2002	12/04/2002			
Relative Location	6100 Chapel Hill	2435 Hebron Pkwy	4600 Preston Park	17,3520 Marsh Lane			
Size (Acres)	1.360	2.094	6.369	14.654			
Size (Square Feet)	59,241	91,200	277,434	638,327			
Sale Price	\$622,031	\$706,800	\$1,720,090	\$2,671,284			
Unit Price	\$10.50	\$7.75	\$6.20	\$4.18			
Financing							
Condition of Sale							
Date of Sale							
Adjusted Price	\$10.50	\$7.75	\$6.20	\$4.18			
Location	-15%	+10%	+10%	+10%			
Physical Characteristics	+10%						
Size	-5%		+20%	+50%			
Utilities							
Zoning							
Indicated Unit Value	\$9.45	\$8.52	\$8.06	\$6.69			

The estimated value per square foot for the whole subject site is \$9.00 per square foot, or \$864,189 for the 96,021 square foot whole site.

DISCUSSION OF ADJUSTMENTS TO COMPARABLE SALES

The adjustment process is typically applied through either quantitative or qualitative analysis. Quantitative adjustments are often developed as dollar or percentage amounts, while qualitative adjustments are simply expressed through relative comparison (i.e. significantly inferior). Quantitative adjustments are most applicable when the quality and quantity of data allows paired sales or statistical analysis. Given the availability of data and imperfect nature of the real estate market, participants most often rely on relative or qualitative comparisons.

Combining the benefits of both qualitative and quantitative analysis, a blended adjustment technique has been used. This is accomplished through pre-assigning quantitative adjustments for relative comparison. The following chart illustrates the blended adjustment technique.

BLENDED	ADJUSTMENTS
Pre-Assigned Quantitative Relative Comparisons Adjustment	
Slight Adjustment	5%
Moderate Adjustment	10%
Fair Adjustment	15%
Significant Adjustment	20%
Large Adjustment	25% plus

Market participants can often identify superior or inferior characteristics when comparing properties. Without paired sales or statistical information, applying quantitative adjustments to reflect the differences is often problematic or subjective. For this analysis, the above listed quantitative adjustments reflect the need for slight, moderate, fair, significant, or large adjustments.

EXPLANATION OF ADJUSTMENTS FOR WHOLE PROPERTY - LAND

The previous sales have all been analyzed and adjusted to provide a value indication for the subject property. The unadjusted unit sale prices range from \$4.18/SF to \$10.50/SF. The unit prices have been adjusted for the factors indicated in the previous table as follows:

FINANCING TERMS

This adjustment is generally applied to a property that transfers with atypical financing such as having assumed an existing mortgage at a favorable interest rate. Conversely, a property may be encumbered with an above-market mortgage, which has no prepayment clause or a very costly prepayment clause. Such atypical financing often plays a role in the negotiated sale price.

All of the sales were cash equivalent to the seller and no adjustment was required.

CONDITIONS OF SALE

This category reflects extraordinary motivations of the buyer and seller to complete the sale. Examples include purchase for assemblage involving anticipated incremental value, or a quick sale for cash. This adjustment category may also reflect a distress-related sale, or significant buyer expenditures immediately after purchase. Each of the sales were reported to involve normal market conditions and no adjustment was required.

DATE OF SALE

Each of the sales occurred during the last year. Therefore, no adjustments are warranted.

If the previous adjustments are required, they are applied sequentially in the order indicated.

LOCATION

The subject property is located on Midway Road at Keller Springs. Sale 1 is located across from a major shopping mall. This location is considered to be superior to the subject and the sale was adjusted downward by 15%.

Sales 2 through 4 are located on roadways that have less traffic than Midway Road. The Midway Road frontage offers superior exposure. Therefore, a positive adjustment of 10% was made to each of these sales.

PHYSICAL FEATURES

The subject is rated average with regard to shape, topography, soil characteristics and encumbrances. Each of the sales except Sale 1 has relatively similar features. Sale 1 is an elongated triangular shape, which results in some unusable area. Therefore, a positive adjustment of 10% was made to Sale 1.

SIZE

The subject has 2.2043 acres. Based on the size of the sales, the market indicates that a downward adjustment of 5% is appropriate for Sale 1, a positive adjustment of 20% for Sale 3 and a positive adjustment of 50% for Sale 4.

UTILITIES

Each of the sales have utilities located in immediate proximity or onsite. No adjustment was required to the sales for utility availability.

ZONING

Each of the sales is considered to have reasonably similar use potential based on the zoning of the sites. No adjustments were required.

1

CONCLUSION OF VALUE

Before adjustment, the sales had a unit price ranging from \$4.18/SF to \$10.50/SF. After adjustments, the unit sales price ranged from \$6.69/SF to \$9.45/SF with a mean of \$8.18/SF. Sales 1 and 2 are considered most similar based on size and indicate an adjusted unit price of \$8.52 to \$9.45 per square foot. Based on these sales, it is our opinion that a unit value of \$9.00 per square foot is appropriate for the 2.2043-acre subject property.

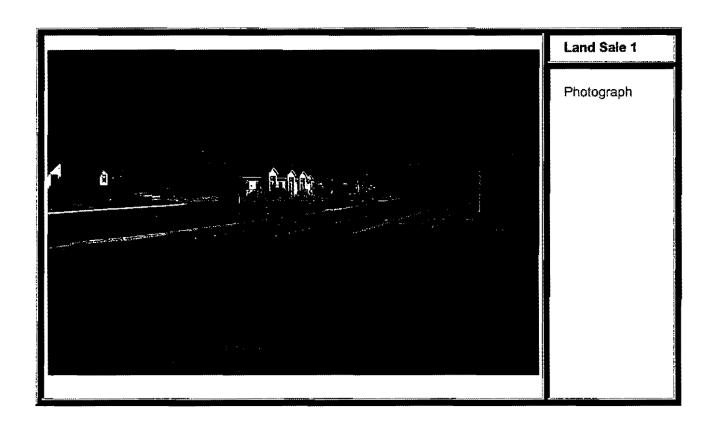
Based on these adjustments the Estimated Market Value for the subject site is \$9.00/SF for the 96,021 square foot site, or:

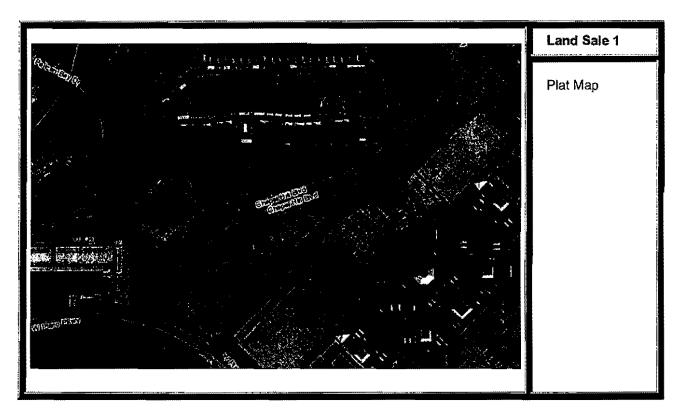
Area	Value Estimate	Unit Value Estimate
96,021 Square Feet	\$864,189	\$9.00

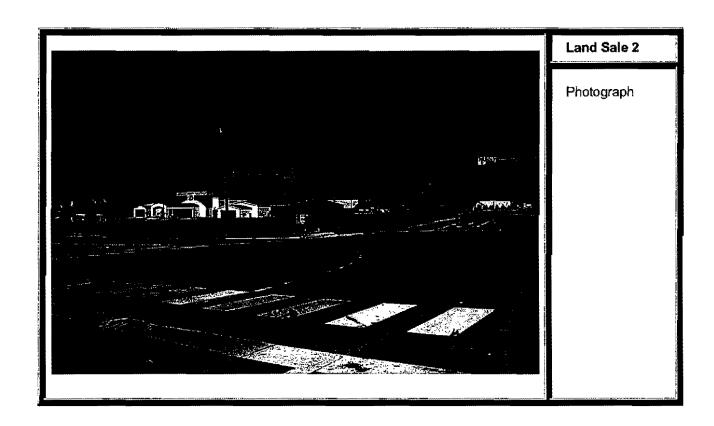


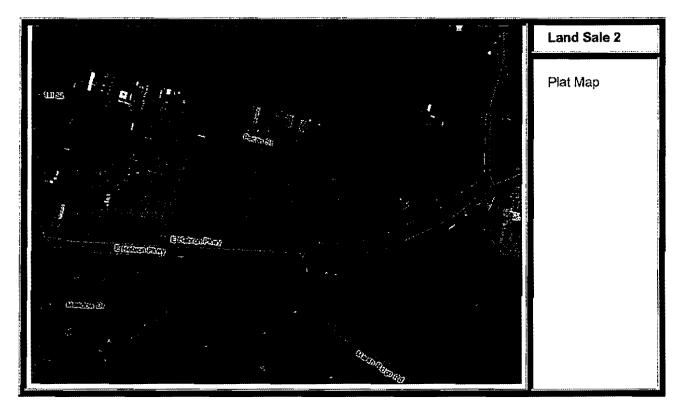
COMPARABLE SALES DATA

Sale No. 1	P	roject : CMAQ 12, Midway at Keller Springs, Project #91/835							
Address/Loca	ition:	6100 Chapel Hill Plano, Collin County, Texas 75093							
Mapsco Loca	tion:	655-Q (Dallas Book)							
Legal Descrip	otion:	Part of Lot 2, Block 2, The Shops at Willow Bend, City of Plano, Collin County, Texas.							
Grantor:		Willow Bend Associates LP							
Grantee:		Chapel Hill Group, L.L.C.							
Recording Recorded: Deed Date: Filed Date: Volume/Pag	ge:	03/20/2003 03/19/2003 03/20/2003 2003-0050764							
Actual Sale P	rice:	\$622,031 or \$10.50 per square foot							
Special Information Background	mation on I of the Sale:	This sale is located across from The Shops at Willow Bend Mall.							
Title Compan	ıy:	Republic Title Company of Texas							
Type Financi	ng:	Cash to seller, \$479,731 note							
Lender:		First American Bank							
Land Size:		1.360 acres, or 59,241 square feet							
Improvement	s:	Being improved with a medical and office complex.							
Highest and H	Best Use:	Commercial development							
Zoning/Comm	nents:	RC – Regional Commercial							
Date Inspecte	d:	10/27/2003							
Condition of l At Time of S	Improvements Sale:	No improvements at time of sale							
Type of Stree	t:	Chappel Hill - 6 lane concrete paved							
Utilities Avail	able:	All Electric Gas Water Sewer							
Comments:		This site was purchased for the construction of office and medical office							





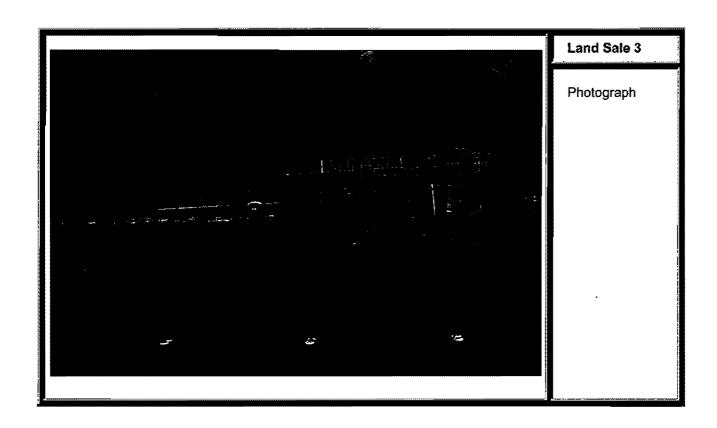


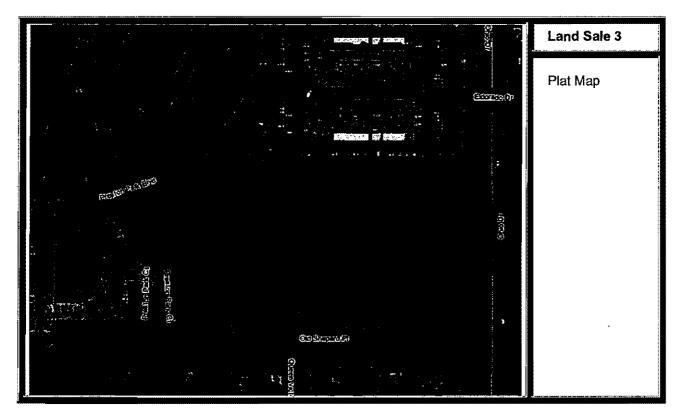




COMPARABLE SALES DATA

Sale No. 3	Project: CMAQ 12, Midway at Keller Springs, Project #91/835				
Address/Location:	4600 Preston Park Boulevard Plano, Collin County, Texas 75023				
Mapseo Location:	656-V (Dallas Book)				
Legal Description:	A tract of land in the Denton Darby Survey, Abstract no. 260, City of Plano, Collin County, Texas.				
Grantor:	Dallas Home For The Jewish Aged, Inc.				
Grantee:	R & B Capital Partners, L.L.C.				
Recording Recorded: Deed Date: Filed Date: Volume/Page:	10/30/2002 10/29/2002 10/30/2002 2002-0158867				
Actual Sale Price:	\$1,720,090, or \$6.20 per square foot				
Special Information on Background of the Sale:	This property has frontage on three streets.				
Title Company:	Republic Title of Texas, inc.				
Type Financing:	Cash to seller, \$2,039,461 note				
Lender:	PNB Financial Bank				
Land Size:	6.369 Acres, or 277,434 Square Feet.				
Improvements:	None				
Highest and Best Use:	Commercial development.				
Zoning/Comments:	O-2 – General Office				
Date Inspected:	10/27/2003				
Condition of Improvements At Time of Sale:	Vacant, undeveloped land				
Type of Street:	Preston Park Boulevard - 2 lane concrete paved Preston Park Court – 2 lane concrete paved Old Shepard Place – 4 lane concrete paved				
Utilities Available:	All Electric Gas Water Sewer				
Comments:	This site was purchased for the construction of six, 10,000 square foot office buildings.				



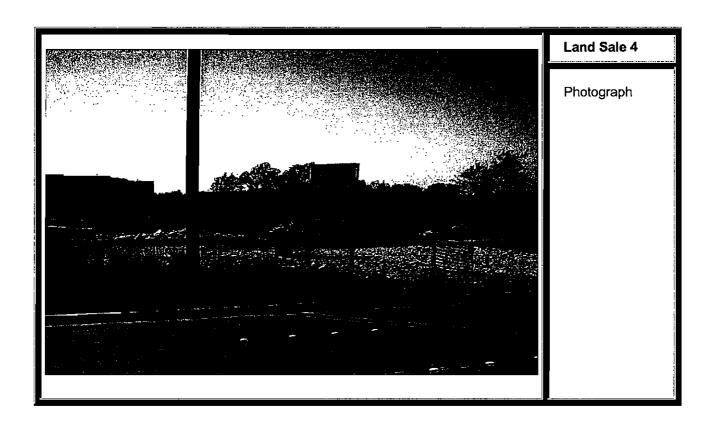


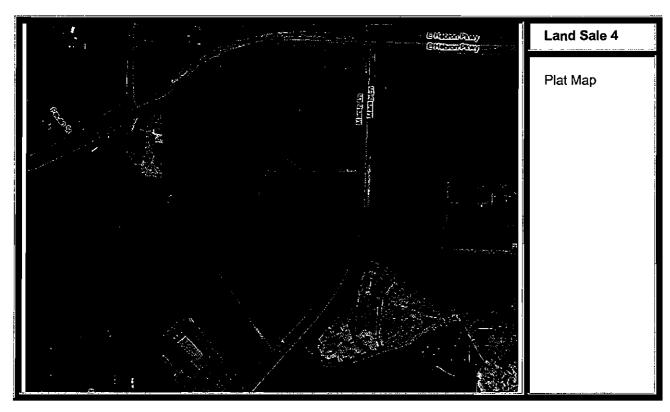


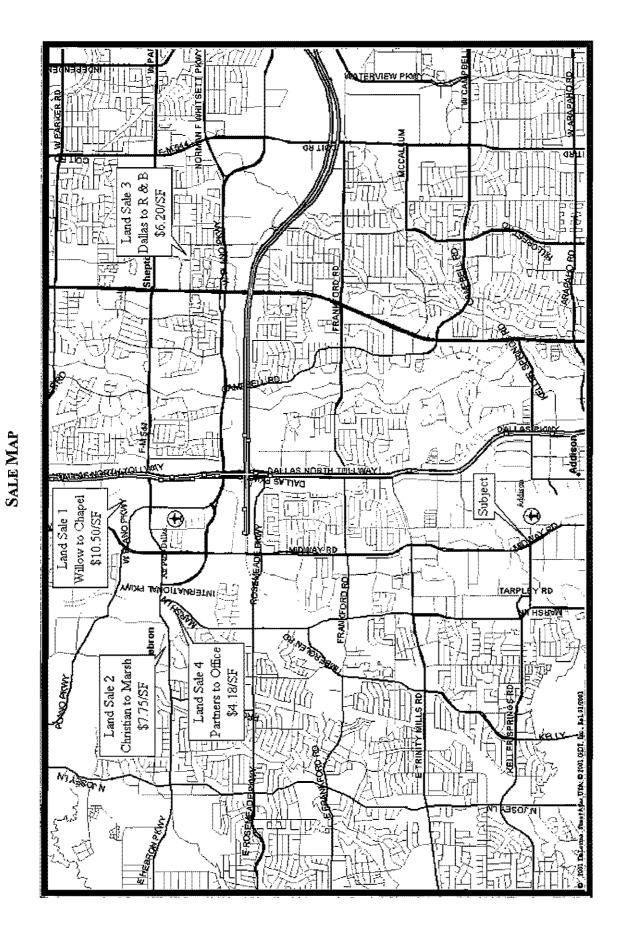
(F. OF THE		COMPARABLE SALES DATA					
Sale No. 4	Pr	oject : CMAQ 12, Midway at Keller Springs, Project #91/835					
Address/Location:		17,3520 Marsh Lane Carrollton, Denton County, Texas 75007					
Mapseo Locat	tion:	655-S (Dallas Book)					
Legal Description:		Lot 4R and 10, Block 1, Hebron Village Addition, City of Carrollton, Denton County, Texas.					
Grantor:		Marsh Partners, Ltd.					
Grantee:		Marsh Office Partners I, Ltd.					
Recording Recorded: Deed Date: Filed Date: Volume/Page:		12/09/2002 12/04/2002 12/09/2002 2002-157710 and 2002-157733					
Actual Sale P	rice:	\$2,671,284 or \$4.18 per square foot					
Special Information on Background of the Sale:		This property is part of a 26.2267 acre development. A smaller site out of the development with 2.352 acres was also sold to a separate buyer in October 2002 for \$7.32 per square foot. This buyer is constructing two 25,000 SF office buildings.					
Title Compan	y:	Chicago Title Insurance Company					
Type Financii	ng:	\$607,360 note to seller and \$14,800,000 note to Bank of America, N.A.					
Lender:		Seller and Bank of America					
Land Size:		14.654 acres, or 638,327 square feet					
Improvement	S :	The office building was nearing completion as of the date of inspection.					
Highest and B	lest Use:	Commercial development					
Zoning/Comn	ients:	PD - Planned Development					
Date Inspected:		10/27/2003					
Condition of I At Time of S	of Improvements No improvements at time of sale of Sale:						
Type of Street	÷	Marsh Lane - 6 lane concrete paved					
Utilities Avail	able:						
Comments:		This site was purchased by an investment group that will construct a 140,000 SF build-to-suit office building for Carlson Restaurants Worldwide. This will be the Corporate Headquarters for Carlson, which is most known for it's T.G.I. Friday's					

restaurant chain. The buyer purchased each lot in a separate deed transaction on

the same date. Lot 10 has 2.708 acres and Lot 4R has 11.946 acres.









VALUE OF AREA ACQUIRED

Considered as severed land, the Market Value of the easement rights and/or fee simple title to the Area Acquired - less oil, gas, and sulphur - is subject to existing easements, if any, which are not to be extinguished.

iest ai	nd Best Use:			As a part	of the Wh	ole Property
e is:			Vhole Property: ed by Consideration	on of:		
			*******		\$	N/A
	Cost Ap	proach			\$	N/A
	Market	Data Appro	oach		\$	N/A
deper	ndently derive	d, provide	details on the prop	er forms on th	e followin	g pages.)
ussioi	1:					
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e. Th	a anaa aaanin	ed will be us	sed for widening M	lidway Road, i	ncreasing	vehicle turni
	•			-		
	mprovements					
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	mprovements	3.	'N FOR COMPU	TATION PU	RPOSES:	
other i	mprovement:	e. EAKDOW		TATION PUI	RPOSES:	
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other i	mprovement:	e. EAKDOW		TATION PU	RPOSES:	\$68
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other i	mprovements BR Contributory Val	EAKDOW ue of Improve	ements (Itemized)		RPOSES:	

VALUE OF AREA ACQUIRED

Property Description:

The proposed right-of-way acquisition is located along the Midway Road frontage. The acquisition has about 272.27 feet of frontage on Midway Road and a depth of about 1.81 feet at the south corner, increasing to a depth of 18.15 feet at the west corner. The proposed area to be acquired contains approximately 1,928 square feet.

The survey map and legal description of the parts to be acquired is shown later in this report.

Land Value

It has been noted that the size of the take is too small to support any development by itself; however, there is no market evidence to suggest a unit value of a parcel smaller than the whole subject could command a higher unit value than the whole. For the valuation of the part to be acquired, it is the appraisers' opinion that the comparable land sales used to estimate the market value for the subject property whole land would be applicable to the part to be acquired. In the valuation of the whole, a unit value estimate of \$9.00 per square foot was indicated for the fee area. Based on 1,928 square feet in fee ownership, the land value for the acquisition is estimated at \$17,352 (1,928 Square Feet x \$3.50/SF).

Improvement Value

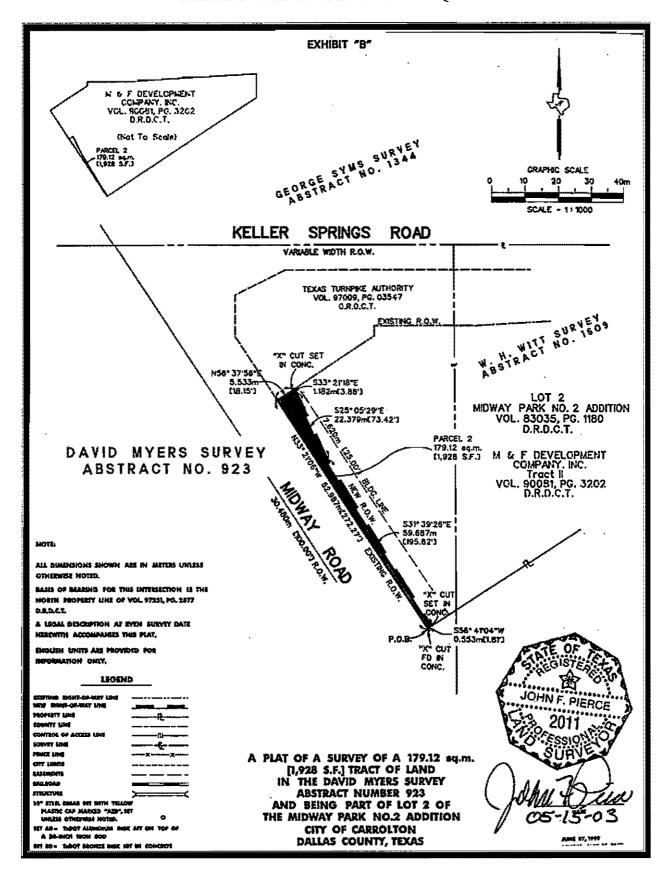
The subject property is currently undeveloped with only minor site improvements. The only site improvement located in the proposed acquisition is a portion of a concrete drive isle.

Concrete Paving – The fee area to be acquired includes approximately 30 square feet of concrete paving. According to the Marshall and Swift Valuation Service and conversations with contractors, the depreciated cost of the concrete is estimated at \$2.25 per square foot. Therefore, the estimated cost of the concrete in the acquisition area is estimated at \$68 (30 SF x \$2.25/SF).

A summary of the item in the parts to be acquired follows:

Item	Costs
Concrete Paving	\$68
Total	\$ 68

PARCEL 2 - SURVEY OF PART TO BE ACQUIRED



PARCEL 2 - LEGAL DESCRIPTION OF PART TO BE ACQUIRED

EXHIBIT "A"

County Dallas Page 1 of 2
Parcel 2 D-15-

Highway Intersection of Keller Springs Road at Midway Road Solution June 7, 1999 CSJ:

June 7, 1999 Revised: May 15, 2003

Account:

Field Note Description for Parcel 2

BEING 179.12 square meters [1,928 square feet] of land in the David Myers Survey, Abstract No. 923 in Dallas County, Texas and being a portion of that 1.21646 hectares [3.0060 acres] parcel of land as described as Tract II in a deed to M & F DEVELOPMENT COMPANY, INC. (M & F tract) as recorded in Volume 90081, Page 3202 of the Deed Records of Dallas County Texas (D.R.D.C.T.), said M & F tract being in Lot 2 of the Midway Park No. 2 as recorded in Volume 83035, Page 1180 of the Map Records of Dallas County Texas (M.R.D.C.T.), and being more particularly described by metes and bounds as follows:

BEGINNING at an "X" cut on concrete found at the southwest comer of said M & F tract on the existing west right-of-way line of Midway Road,

- THENCE, North 33 degrees 21 minutes 06 seconds West, along the west property line of said M & F tract and said existing east right-of-way line of Midway Road, for a distance of 82.987 meters [272.27 feet] to a one-half inch steel rebar with yellow plastic cap marked "A.Z.B." set for the intersection of said existing east right-of-way line of Midway Road and the existing south right-of-way line of Keller Springs Road as described in Volume 97009, Page 03547 D.R.D.C.T.;
- THENCE, North 56 degrees 37 minutes 56 seconds East, along said existing south right-of-way line of Keller Springs Road, a distance of 5.533 meters [18.15 feet] to an "X" cut on concrete set for corner on the new easterly right-of-way line of Midway Road;
- 3. THENCE, South 33 degrees 21 minutes 18 seconds East, along the new easterly right-of-way line of Midway Road, for a distance of 1.182 meters [3.88 feet] to a one-half inch steel rebar with yellow plastic cap marked "A.Z.B." set for comer;
- 4. THENCE, South 25 degrees 05 minutes 29 seconds East, continuing along said new easterly right-of-way line of Midway Road, a distance of 22.379 meters [73.42 feet] to a one-half inch steel rebar with yellow plastic cap marked "A.Z.B." set for corner;
- THENCE, South 31 degrees 39 minutes 26 seconds East, continuing along said new easterly right-of-way line of Midway Road, a distance of 59.687 meters [195.82 feet] to an "X" cut on concrete set for corner;

PARCEL 2 - LEGAL DESCRIPTION OF PART TO BE ACQUIRED

EXHIBIT "A"

County Dallas

Page 2 of 2

Parcel 2

D-15-

Highway Intersection of Keller Springs Road at Midway Road

June 7, 1999

CSJ:

Revised: May 15, 2003

Account:

Field Note Description for Parcel 2

 THENCE, South 56 degrees 41 minutes 04 seconds West, continuing along said new easterly right-of-way line of Midway Road, a distance of 0.553 meters [1.81 feet] to the POINT OF BEGINNING.

The above described tract of land contains 179.12 square meters [1,928 square feet] of land more or less.

A plat of even survey date herewith accompanies this legal description.

The basis of bearings for this intersection is the north property line of Volume 97251, Page 2877 D.R.D.C.T.

All dimensions are in meters unless otherwise noted.

English units are given for information only.

Company Name: Arredondo, Brunz & Associates, Inc.

Date:

Surveyor's Name: John F. Pierce, R.P.L.S.

Registered Professional Land Surveyor

Texas Registration No. 2011

JOHN F. PIERCE

2011

SURV



VALUE OF REMAINDER BEFORE ACQUISITION

Highest and Best Use:

The highest and best use of the remainder before is continued use of the existing improvements.

BREAKDOWN FOR COMPUTATION PURPOSES:

Contributory Val	lue of Improve	ments (Item	ized)		
Site Improvements					Not Valued
<u> </u>		***************************************			
	·····	***********			
		***************************************	***************************************		

Total Contributo	ry Value of Im	provements			\$ 0
Easement Value Land Value		SF @ \$		= \$ = \$	
Land Value	94,093	SF @ \$	9.00/SF	= \$	846,837
Total Land		**********	************	\$ <u> </u>	846,837

MARKET VALUE REMAINDER, BEFORE THE ACQUISITION:

\$846,837

Discussion:

The value of the Remainder Before the Acquisition is the mathematical difference between the land value of the Whole Property and the land value of the Area Acquired.

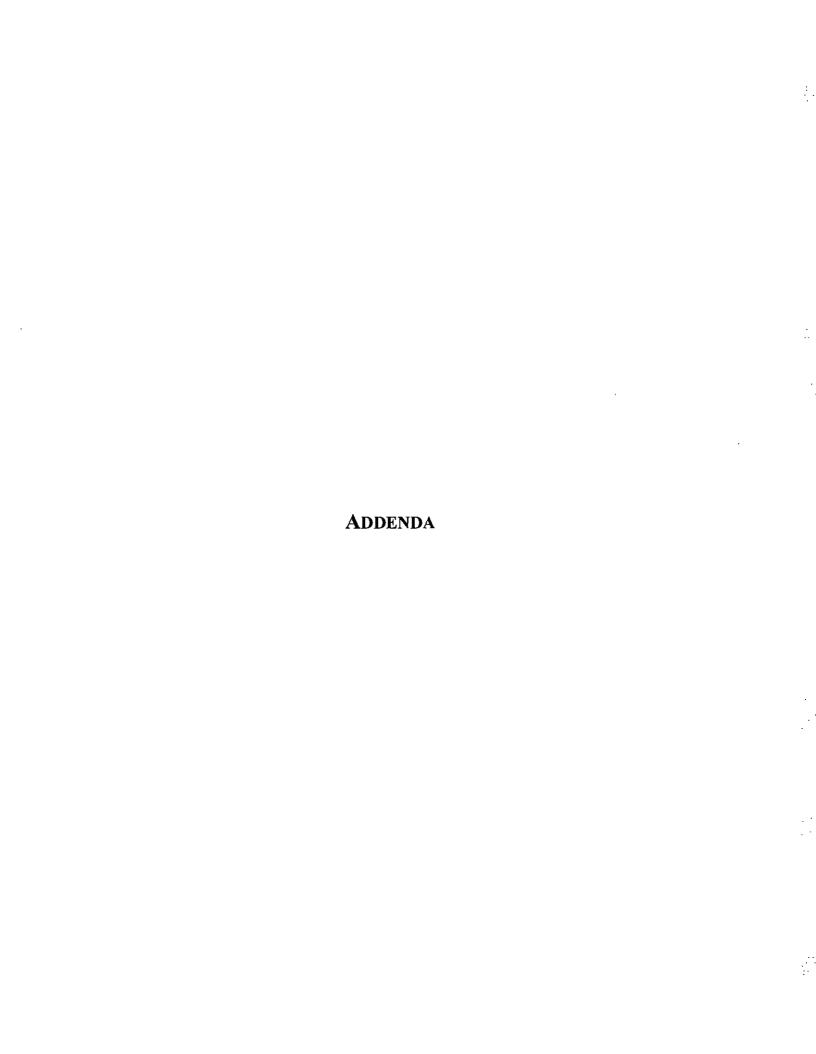
\$864,189 - \$17,352 = \$846,837.



VALUE OF REMAINDER AFTER ACQUISITION

Highest and Best Use:

lation of Approaches to	Value:		
Income Approach Cost Approach Market Data Approach	1	□ \$ □ \$ ⊠ \$	N/A N/A 846,837
ssion of Damaging Influ	nences and Method of Valuation	on:	
Considering the use subjected, the market	nanent damages will have occurrere used to value the Remainder to which the area acquired is to value of the remainder immedia	After the Acordon be ately	equisition.
after the acquisition is.		\$	846,837
BREAKD	OWN FOR COMPUTATION		
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BREAKD Contributory Value of Im Site Improvements	own for computation provements (Itemized) of Improvements SF @ \$		Not Valued



CERTIFICATION

We certify that, to the best of our knowledge and belief;

- The statements of fact contained in this report are true and correct.
- The reported analyses, opinions, and conclusions are limited only by the reported assumptions and limiting conditions, and are our personal, unbiased professional analyses, opinions, and conclusions.
- We have no present or prospective interest in the property that is the subject of this report, and we have no personal interest with respect to the parties involved.
- We have no bias with respect to the property that is the subject of this report or to the parties involved with this assignment.
- Our engagement in this assignment was not contingent upon developing or reporting predetermined results.
- Our compensation for completing this assignment is not contingent upon the development or reporting of a predetermined value or direction in value that favors the cause of the client, the amount of the value opinion, the attainment of a stipulated result, or the occurrence of a subsequent event directly related to the intended use if this appraisal.
- Our analyses, opinions, and conclusions were developed, and this report has been prepared, in conformity with the Uniform Standards of Professional Appraisal Practice.
- Donald J. Sherwood, MAI and Daniel Wright have made a personal inspection of the property that is the subject of this report.
- No one has provided significant real property appraisal assistance to the persons signing this report.
- The reported analyses, opinions, and conclusions were developed, and this report has been developed in conformity with the
 requirements of the Code of Professional Ethics and the Standards of Professional Appraisal Practice of the Appraisal Institute, and
 the Texas Real Estate License Act.
- The use of this report is subject to the requirements of the Appraisal Institute relating to review by its duly authorized representatives.
- As of the date of this report, we, Donald J. Sherwood, MAI and Daniel Wright have completed the requirements under the continuing education program of the Appraisal Institute.

Donald J. Sherwood, MAI

State of Texas Certification #TX-1320183-G

Daniel Wright

State of Texas Certification #TX-1329321-G

Integra File Number 116-2003-0718

ASSUMPTIONS AND LIMITING CONDITIONS

For the purpose of this appraisal, the following assumptions and contingent conditions are made a part hereof:

- 1. This appraisal has been assigned to this appraiser with the expressed condition that an appraisal be made of the real property taken and the value of any improvements thereon which are materially affected by the proposed project. It is intended for the sole use of Dallas County. Others may receive a copy of this report due to legal requirements of disclosure, but the appraiser does not intend use of this report by entities other than Dallas County.
- 2. This appraisal is made for the express purpose of establishing just compensation to the landowner by Dallas County; such compensation being based on fair market value as defined elsewhere in this report.
- 3. Consideration is given to but no responsibility is assumed by the appraiser for matters of a legal character. The title is assumed to be marketable. The appraiser has not made a survey of the real estate and does not assume responsibility for accuracy thereof.
- 4. While it is believed the information, estimates and analysis contained herein are correct, the appraiser does not guarantee them and assumes no responsibility for errors in fact, analysis or judgment. Information furnished by others is believed reliable and has been verified where possible but it is not guaranteed to be accurate.
- 5. Information obtained from the flood prone maps prepared by the U. S. Corp. of Engineers or other appropriate entities is assumed to be accurate.
- 6. If condemnation proceedings become necessary, this appraiser will testify to an updated opinion reflecting the value of the part taken considered as severed land, the value of the entire remainder prior to the taking and the value of the entire remainder after the taking, reflecting any change in the size or character of the land and/or changes in number and/or conditions of the improvements located thereon.
- 7. The appraiser has no interest either real or implied in the subject property and his opinion of value was not prejudiced by any influence other than that exerted by the normal procedure of appraisal.
- 8. The values stated herein are estimates. The appraiser makes no guarantees written or implied, that the subject will sell for the value stated.
- 9. The supplied information indicates the size of the Whole Property, the Proposed Acquisition and the Remainder Property. The appraiser used this information, which is assumed to be correct, to value the subject property.
- 10. The appraiser has made no investigations into the presence or absence of hazardous materials. The appraiser is not qualified to detect hazardous material and assumes no liability in such regard. Environmental liability may greatly affect the value of the property and should be determined by a competent environmental professional.
- 11. The State of Texas does not have full disclosure laws regarding real estate transactions. Therefore the appraiser had to confirm all sales with brokers, property managers, mortgage brokers, grantors, grantees and other parties familiar with the transaction. The appraiser's results are limited by the accuracy of the information supplied by the aforementioned individuals.

12. Appraisers for Dallas County are required to estimate values of fractional portions of ownership and establish compensation for property taken for public use. If any part of the <u>Uniform Standards of Professional Appraisal Practice</u> is contrary to the policy of Dallas County, the policy of Dallas County shall prevail, but only for that part of the <u>USPAP</u> that is directly affected under the Jurisdictional Exception clause.

PROFESSIONAL QUALIFICATIONS OF DONALD J. SHERWOOD, MAI

EXPERIENCE:

Managing Director of the Fort Worth office of Integra Realty Resources DFW, LLP, a full service real estate consulting and appraisal firm. Mr. Sherwood has been an appraiser of all types of real property since December 1978. Mr. Sherwood has performed appraisals on various properties including, but not limited to, shopping centers, apartment complexes, industrial facilities, a nuclear bomb storage site, an air force base, automobile race track, raw and developed land, office complexes, motels, hotels, marinas, cemeteries, bowling alleys, amusement parks and mixed use developments.

He is qualified in Federal and Texas State Courts as an expert on real estate values. He was appointed Special Commissioner for County District Court in 1980. He served as a member of the Tarrant Appraisal District Review Board from 1984 to 1986. As a graduate student, he spent one and a half years as a research assistant involved in real estate research for the Texas Real Estate Center at Texas A&M University. He was a staff appraiser with James K. Norwood, Inc. from 1978 to 1986. In 1986, he opened the firm of Sherwood & Associates. In 1996, Mr. Sherwood merged his firm with Loughry Appraisal Company, Inc. to form Appraisal/Data Services, which later merged with Dallas-based LamBis Consulting to form Integra Realty Resources DFW.

PROFESSIONAL ACTIVITIES:

Member: Appraisal Institute – Designated MAI

(Member of Appraisal Institute), Certificate No. 6791

President of Central Texas Chapter, 1989-1990

Member of National Faculty

Member: International Right-of-Way Association

President of Chapter 36, 1998 Professional of the Year, 1998 Member of National Faculty

Member: Society of Texas A&M Real Estate Professionals

Vice President 1979, 1980

Member: Fort Worth Board of Realtors

Member: Board of Governors, Society of Commercial Realtors

Adjunct

Professor: Texas Christian University, Department of Finance

Licensed: Texas Certified General Appraiser (TX-1320183-G)

Licensed: Texas Real Estate Broker (214402)

Certified: Currently certified by the Appraisal Institute's program of continuing education

for its designated members.

EDUCATION:

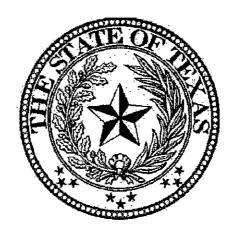
Bachelor of Business Administration

Southwestern University, Georgetown, Texas 1976

Master of Agriculture, Specializing in Land Economics & Real Estate

Texas A&M University, College Station, Texas 1978

Successfully completed numerous real estate related courses and seminars sponsored by the Appraisal Institute, accredited universities and others.



TEXAS APPRAISER LICENSING AND CERTIFICATION BOARD

BE IT KNOWN THAT

DONALD JAMES SHERWOOD

HAVING PROVIDED SATISFACTORY EVIDENCE OF THE QUALIFICATIONS REQUIRED BY
THE TEXAS APPRAISER LICENSING AND CERTIFICATION ACT,
ARTICLE 6573a.2, VERNON'S TEXAS CIVIL STATUTES,
IS AUTHORIZED TO USE THE TITLE

STATE CERTIFIED GENERAL REAL ESTATE APPRAISER

Number: TX-1320183-G

Date of Issue: March 25, 2003

Date of Expiration: March 31, 2005

In Witness Thereof



L. W. (Wayne) Mayo, Chair Elroy Carson Douglas Oldmixon

Ted Whitmer, Vice-Chair Patrick H. Cordero, Jr. James M. Synatzske Dona S. Scurry, Secretary William A. Faulk, Jr. Shirley Ward

Renil C. Linér, Commissioner

PROFESSIONAL QUALIFICATIONS OF DANIEL PAUL WRIGHT

		DANIELI AUL WRIGHT			
EXPERIENCE:	Senior Analyst of the Fort Worth office of Integra Realty Resources DFW, a full service real estate consulting and appraisal firm. Mr. Wright has been an appraiser of all types of real property since September 1995. Mr. Wright has performed appraisals on various properties including, but not limited to, shopping centers, apartment eomplexes, industrial facilities, raw and developed land, office towers and complexes, motels, hotels, and mixed-use developments. He is qualified in Texas State Courts and an expert on real estate values. He has acted as a broker in real estate transactions, provided consultation and feasibility studies, and has worked extensively on complex				
	estate transactions, provided consultation and feasibility studies, and has worked extensive eminent domain assignments of all types of properties. Mr. Wright has worked on value corridors, easement interest, partial interest, and undivided interest. Mr. Wright is a 1995 the University of North Texas with a specialization in Real Estate. During college, Mr. with the Real Estate and Finance Department as a director of the Real Estate Club. Curren is an advanced candidate progressing toward obtaining the MAI designation with the Apprair				
PROFESSIONAL ACTIVITIES:	Licensed:	Texas State Certified General Real Estate Appraiser Certificate No. TX-1329321-G			
	Licensed:	Texas Real Estate Broker License No. 0446939			
	Member:	International Right-of-Way Association (IRWA) Chapter 36 Vice President 2003-2004 Chapter 36 Secretary 2002-2003 Chapter 36 Education Chair 2000-2003 Region II Education Chair (TX, LA, OK, AR, NM)			
	Member:	Greater Fort Worth Board of REALTORS®			
	Member:	Associate member of the Appraisal Institute			
EDUCATION:	Universit Master of Bus	usiness Administration ty of North Texas, Denton, Texas 1995 iness Coursework, Specializing in Real Estate ty of North Texas, Denton, Texas 1997			
		completed numerous real estate related courses and seminars sponsored by the Appraisal edited universities and others.			
PUBLICATIONS & ARTICLES:	Convenience S	tores Face Tough Markets - Fort Worth Star Telegram, February 17, 2003.			



TEXAS APPRAISER LICENSING AND CERTIFICATION BOARD

BE IT KNOWN THAT

DANIEL PAUL WRIGHT

HAVING PROVIDED SATISFACTORY EVIDENCE OF THE QUALIFICATIONS REQUIRED BY
THE TEXAS APPRAISER LICENSING AND CERTIFICATION ACT,
ARTICLE 6573a.2, VERNON'S TEXAS CIVIL STATUTES,
IS AUTHORIZED TO USE THE TITLE

STATE CERTIFIED GENERAL REAL ESTATE APPRAISER

Number: TX-1329321-G

Date of Issue: February 25, 2002

Date of Expiration: March 31, 2004

In Witness Thereof

James M. Synatzske, Chair

enil C. Liner, Commissioner

James M. Synatzske, Chair Benjamin E. Barnett Debra S. Runyan

L. W. (Wayne) Mayo, Vice-Chair Patrick H. Cordero, Ir, William A. Faulk, Ir. Elroy Carson, Secretary Douglas Oldmixon Dona S. Scurry

DALLAS COUNTY PUBLIC WORKS APPROVED VALUE SHEET *REVISED*

Project Name/# Owner-Name Address	@ Keller S M&F Devel	prings Road opment Road # 1315	,	Review Board Appraisal # Appraiser Parcel No.	Date	12/19/03 ○3I乙(Donald J. S 2)] Sherwood, MA	.l
i. General infor	mation - Wh	ole Property:			*			
Highest an	d Best Use:	PD-096-033 Industrial or Com				Present Use:		
Size:	2.2043 	Acre(s)	96,021	, Sq. Ft. 		Property Shape:	irregular	
		quisition a BISECT			Category	. *		
Land:	1,928	Sq. Ft. @ Total Land	\$9.00 ,=	· · · · · · · · · · · · · · · · · · ·		٠.		
Improvem	<u>ent</u>			Value		Retention \$1		
Concrete				\$68	,	φ.		
		Total Improvemen	nts =	*\$68	3	\$ 1		
		Su	b Total:	Fee Acquisit	ion	=.	\$17	7,420
III. Permanent E	asement				*	,	w	
Land:	•	Sq. Ft. @		Per Sq. Ft. =		\$0		
Improvem	<u>ent</u>			Value	_	Retention		
•		Total Improvemen	nts =	<u>\$0</u> \$0		, <u>\$0</u> \$0		1
	*		•	anent Easeme	nt	Winds.		\$0
IV. Temporary E	 Easement							
Land:		Sq. Ft. @ Present \	/alue of /	Annual Pymts	\$0			
<u>Improvem</u>	<u>ent</u>			<u>Value</u> \$0	_	Retention \$		
		Total Improvemen	nie =	<u>\$0</u>		\$0 \$0		
		•		orary Easeme		==		\$0
1/ Delegation A							# 	
V. Relocation A Improvement				Amoun	-	,		
		Total Relocation	=	\$0 \$0				
•				ation Allowan	ce	**************************************		\$0
VI. Damages	,	All decisions and decisions are represent that the			-	# ##### ## ###### ## ##### ## ##### ##		
Cost to cur	e			Amoun \$0	-			•
		Total Damages =	=	. \$0		•		
		Sub Total	: Damaç	jes ·				\$0
TOTAL CO	MPENSATION	'+ VI + III + II) NC	V + VI)	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		. =	\$17	7,420
								

**************************************	L OF ADDENDUM
INSTRUCTIONS:	
Acknowledge receipt of Addenda in Proposal, o BELOW FAXED TO (972) 450-7096 upon receip	n outer envelope of bid AND WITH THE FORM t.
*************	************
Addendum Acknowledgment FAX to (972) 450-7	7096
I Acknowledge the receipt of Addendum No.	
Town of: ADDISON, TI	EXAS
Project Name: 02-09 Nile Properties Deomolitio	<u>n</u>
By Facsimile Transmission on this date:	November 27, 2001
Contractor's Signature	Company Name
E-Mail Address:	······································
(as <u>verification</u> that	GE BACK TO TOWN OF ADDISON" you received this Fax) 50-7096
Total Number of Fax Pages: 5	

ADDENDUM NO. 1 NILE PROPERTIES DEMOLITION

Bid 02-09

November 27, 2001

To: All Bidders

This addendum becomes a part of the "NILE PROPERTIES DEMOLITION" plans and specifications. Page PF-2 of the contract documents must be filled out by the bidder acknowledging the receipt of this addendum. Bids will not be accepted if the above instructions are not followed.

All provisions of the original "NILE PROPERTIES DEMOLITION" plans and specifications shall remain in full force and effect, except as modified by this addendum No. 1

MODIFICATIONS TO THE SPECIFICATIONS:

I. The date and time of the bid opening has been changed from 2:00 p.m. on Tuesday, November 27, 2001 to 10:00 a.m. on Monday, December 3, 2001.

MODIFICATIONS TO THE PLANS:

1. Full depth saw cuts are called for on the parking area along the South and West sides of the project. It was noted during the site visit that there are existing cold joints in these areas. The successful bidder will be allowed to remove the existing pavement up to the cold joints in these two locations, therefore negating the need for full depth saw cuts along these two sides. This modification does not change the status of saw cuts at other locations on the project.

ADDITIONAL INFORMATION:

1. Attached to this Addendum No. 1 is the "Summary of Asbestos Findings" as prepared by ETI Environmental Services dated November 26, 2001. The Town of Addison will require the successful bidder to follow the recommendations of the report. The full report may be viewed at the Town of Addison's Service Center, located at 16801 Westgrove Drive, Addison, Texas. Contact Mr. Luke Jalbert at 972-450-2860 to set up an appointment.

ETI Environmental Services

4112 VIA BALLENA MESQUITE, TEXAS 75150 (972) 279-9751 Fax (972) 279-6063

November 26, 2001

Town of Addison Department of Public Works P. O. Box 9010 Addison, Texas 75001

Attention: Mr. Steve Chutchian, Assistant Engineer

Re: Asbestos Inspection Services

15109-15115 Surveyor Boulevard, Addison, Texas 75001

Gentlemen:

As authorized, an asbestos inspection was performed on an office warehouse building located at 15109-15115 Surveyor Boulevard in Addison, Texas on November 14, 2001, by Eddie Taw of ETI Environmental Services.

Results of the inspection and laboratory analysis of bulk samples collected during the inspection are presented herein. Asbestos-containing materials (ACM) as defined by State and Federal regulations are any materials with an asbestos content greater than one (>1%) percent. Non-asbestos containing materials are any materials with an asbestos content of less than one (<1%) percent, and is not regulated under any current Federal, State or Local regulations.

SUMMARY OF ASBESTOS FINDINGS

08 - Sheet Floor Covering

Approximately 158 square feet of sheet floor covering located in the Men's and Women's Restrooms of 15111 Surveyor Blvd., as noted on the Location of ACM Drawing, contains about 65% chrysotile asbestos in the backing material. This material is classified as Category I Non-friable Materials under NESHAP regulations, and it is in good condition.

RECOMMENDATIONS

ETI Environmental Services recommends that the 158 square feet of asbestoscontaining floor covering located in the Men's and Women's Restrooms in 15111 Surveyor remain in place for planned demolition activities and disposed of as construction debris.

INSPECTION AND SAMPLING PROCEDURES

All areas of the building were accessible for inspection. A Building Description and a Summary of Homogeneous Areas obtained during the inspection are presented herein.

ETI Environmental Services used a random convenience sampling strategy in order to collect all representative samples of suspect materials, both friable and non-friable. Sample locations were marked with paint or markers, and photographs were taken at each sample location. The Approximate Sample Location Drawing shows the location of each sample taken during the inspection process.

Results of the inspection that identifies sample locations, condition of suspect materials, and asbestos-containing materials present are presented on the Sample and Hazard Assessment Summary.

Assessments of each homogeneous area were made using the NESHAP Regulations and definitions under 40 CFR Part 61.

Asbestos bulk samples were submitted to a qualified independent laboratory, Steve Moody Micro services, Inc., for analysis. The results of these analyses are presented herein.

We thank you for this opportunity to be of service to the Town of Addison. Please call us if you have any questions or need further information.

Respectfully submitted,

ETI ENVIRONMENTAL SERVICES

Dianne K. Woo

Asbestos Consultant

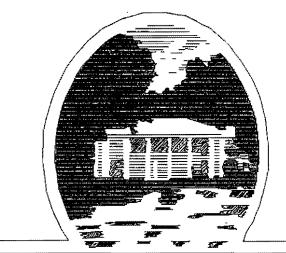
END OF ADDENDUM

The undersigned bidder hereby certifies the Addendum No. 1 has been incorporated into the contract and it accepted becomes part of the contract.				
BY:	DATE:			

TOWN OF ADDISON

CONSTRUCTION SPECIFICATIONS AND CONTRACT DOCUMENTS

NILE PROPERTIES DEMOLITION



ADDISON

HNTB Corporation

5910 Plano Parkway, Suite 200 Plano, TX 75093 November, 2001

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Section AB Advertisements for Bids

Section IB Instruction to Bidders

Section PF Proposal Form

Section CA Contract Agreement

Section PrB Performance Bond

Section PyB Payment Bond

Section MB Maintenance Bond

Section BP Contractor's Affidavit of Bills Paid

Section GP General Provisions

Section SP Special Provisions

Section T Technical Specifications

Appendix Sample of Texas Sales Tax Exemption Certificate

- □ Stormwater Pollution Prevention Plan
- "Standard Specifications for Public Works Construction, Third Edition, North Central Texas Council of Governments, Current Edition (Separate document not furnished).

SECTION AB

ADVERTISEMENT FOR BIDS

Ager included

SECTION AB ADVERTISEMENT FOR BIDS

- 1. Sealed bids addressed to the Town of Addison, Texas, for the Building Demolition, Pavement Removal, Grading, and Restoration for the NILE PROPERTIES DEMOLITION for the Town of Addison, Texas, hereinafter called "Town", in accordance with the plans, specifications and contract documents prepared by HNTB Corporation, will be received at the office of Minok Suh, Purchasing Coordinator, Finance Building, 5350 Belt Line Road, Addison, Texas until 2:00 p.m. on the 27th day of November, 2001. Bids received by the appointed time will be opened and read aloud. Any bids received after closing time will be returned unopened.
- 2. The contractor shall identify his bid on the outside of the envelope by writing the words NILE PROPERTIES DEMOLITION.
- 3. Bids shall be accompanied by a cashier's check or certified check upon a national or state bank in an amount not less than five percent (5%) of the total maximum bid price payable without recourse to the Town of Addison, or a bid bond in the same amount from a reliable surety company licensed by the State of Texas to act as a Surety, or a Binder of Insurance executed by a surety company licensed by the State of Texas to act as a surety or its authorized agent as a guarantee that the bidder will enter into a contract and execute a Performance Bond within ten (10) business days after notice of award of contract to him.
- 4. Plans, specifications and bidding documents may be secured beginning at 9:00 A.M. on the 9th day of November, 2001 from Minok Suh Purchasing Coordinator; Finance Building, 5350 Belt Line Road, Addison, Texas. The first set will be available at no charge and any additional sets may be obtained for a non-refundable sum of \$20.00 per set.
- 5. The right is reserved by the Mayor and the Town Council as the interest of the Town may require to reject any or all bids and to waive any informality in bids received.
- 6. The Bidder (Proposer) must supply all the information required by the Proposal Form.
- 7. A Performance Bond, Labor and Material Payment Bond, and Maintenance Bond will be required by the Owner; each Bond shall be in the amount of 100% of the total contract amount. Bonds shall be issued by a surety company licensed by the State of Texas to act as a Surety. The performance and payment bonds shall name the Town of Addison as obligee (or such other entities as may be designated at the time a contract is executed).
- 8. For information on bidding or to secure bid documents, call Minok Suh, (972) 450-7091. For information on the work to be performed, call Steven Z. Chutchian, P.E., Assistant City Engineer, (972) 450-2886 or Jerry D. Holder, Jr., P.E., HNTB Corporation, (972) 661-5626.
- 9. This project consists of providing Building Demolition, Pavement Removal, Grading, and Restoration as shown on the plans and in accordance with these specifications.
- 10. A Pre-Bid Meeting will be held at 2:00 p.m. on the 20th day of November, 2001 at the Addison Service Center, 16801 Westgrove Drive, Addison, Texas 75001, 972-450-2871. All bidders are <u>required</u> to attend. A one-hour tour of the building to be demolished will be conducted at this time to allow the contractors to evaluate the structure.

SECTION IB

INSTRUCTION TO BIDDERS

SECTION IB INSTRUCTIONS TO BIDDERS

A. PROJECT: NILE PROPERTIES DEMOLITION, in the Town of Addison.

The bids will be evaluated as stated in Section "O" of the instructions to Bidders.

- **B. PROJECT DESCRIPTION:** This project consists of Building Demolition, Pavement Removal, Grading, and Restoration as shown on the plans and in accordance with these specifications.
- C. PROPOSALS: Proposals must be in accordance with these instructions in order to receive consideration.
- D. DOCUMENTS: Documents include the Bidding Requirements, including the Advertisement for Bids, these Instructions to Bidders, Proposal Forms, Contract Agreement, General Provisions, Special Provisions, Technical Specifications, Drawings, and Addenda which may be issued by the Consultant during the bidding period. Bidding Documents may be viewed and/or obtained under the terms and conditions set forth in the Advertisement for Bids, Section AB of this Project Manual.
- E. EXAMINATION OF DOCUMENTS AND SITE: Bidders shall carefully examine the Bidding Documents and the construction site to obtain first-hand knowledge of the scope and the conditions of the Work. Each Contractor, Subcontractor and Sub-subcontractor, by submitting a proposal to perform any portion of the Work, represents and warrants that he has examined the Drawings, Specifications (Project Manual) and the site of the Work, and from his own investigation has satisfied himself as to the scope, accessibility, nature and location of the Work; the character of the equipment and other facilities needed for the performance of the Work; the character and extent of other work to be performed; the local conditions; labor availability, practices and jurisdictions and other circumstances that may affect the performance of the Work. No additional compensation will be allowed by the Owner for the failure of such Contractor, Subcontractor or Sub-subcontractor to inform himself as to conditions affecting the Work. A Pre-Bid Meeting will be held at 2:00 p.m. on the 9th day of November, 2001 at the Addison Service Center, 16801 Westgrove Drive, Addison, Texas 75001, 972-450-2871. All bidders are required to attend. A one-hour tour of the building to be demolished will be conducted at this time to allow the contractors to evaluate the structure. An asbestos report will be available to bidders at that time.
- F. INTERPRETATION OF DOCUMENTS: If any person contemplating submitting a bid for the proposed Contract is in doubt as to the meaning of any part of the Drawings, Specifications (Project Manual) or other proposed Contract Documents, he may submit to the Consultant, not later than seven (7) calendar days prior to the date set for opening bids, a written request for an interpretation or clarification. Bidders should act promptly and allow sufficient time for a reply to reach them before preparing their bids. Any interpretation or clarification will be in the form of an Addendum duly issued. No alleged verbal interpretation or ruling will be held binding upon the Owner.
- G. SUBSTITUTIONS: Conditions governing the submission of substitutions for specific materials, products, equipment and processes are in the Special Provisions. Requests for substitutions must be received by the Consultant seven (7) calendar days prior to the established bid date.

- H. ADDENDA: Interpretations, clarifications, additions, deletions and modifications to the Documents during the bidding period will be issued in the form of Addenda and a copy of such Addenda will be mailed, faxed or delivered to each person who has been issued a set of the Bidding Documents. Addenda will be a part of the Bidding Documents and the Contract Documents, and receipt of them shall be acknowledged in the Bid Form. All such interpretations and supplemental instructions will be in the form of written addenda to the contract documents which, if issued, will be sent by telegram, certified or registered mail, or hand delivered to all prospective bidders (at the respective addresses furnished for such purposes) not later than three (3) calendar days prior to the date fixed for the opening of bids. If any bidder fails to acknowledge the receipt of such addenda in the space provided in the bid form, his bid will nevertheless be construed as though the receipt of such addenda had been acknowledged.
- COMPLETION TIME: A reasonable completion time has been established by the Owner and is described in more detail in Section 'Q'- CONSTRUCTION SCHEDULE.
- J. PREPARATION OF BIDS: Prices quoted shall include all items of cost, expense, fees and charges incurred by, or arising out of, the performance of the work to be performed under the Contract. Bids shall be submitted in duplicate and shall be signed in ink. Any bid on other than the required form will be considered informal and may be rejected. Erasures or other changes in a bid must be explained or noted over the initials of the bidder. Bids containing any conditions, omissions, unexplained erasures and alterations, or irregularities of any kind may be rejected as informal. The prices should be expressed in words and figures or they may be deemed informal and may be rejected. In case of discrepancy between the prices written in the bid and those given in the figures, the price in writing will be considered as the bid. Failure to submit all requested information will make a bid irregular and subject to rejection. Bids shall be signed with name typed or printed below signature, and, if a partnership, give full name of all partners. Where bidder is a corporation, bids must be signed with the legal name of the corporation followed by the name of the state of incorporation and the legal signature of an officer authorized to bind the corporation to a contract.
- K. SUBMITTAL OF BIDS: Sealed proposals will be received at the time, date and place stated in the Advertisement for Bids. Proposals shall be made on unaltered Proposal Forms furnished by the Consultant. Submit proposal in an opaque, sealed envelope addressed to the Owner and plainly mark on the outside of the envelope the project name, and the name and address of the bidder. The envelopes shall be marked with the following project names:

Nile Properties Demolition

The Bid Bond must be completed and signed by each bidder and submitted with the bid. Submit Bids by mail or in person prior to the time for receiving bids set forth in the Advertisement for Bids issued by the Town. <u>Demolition Contractor shall provide with his bid, the names, addresses and phone numbers for references associated with at least three building demolitions conducted in the last five years.</u>

- L. MODIFICATION AND WITHDRAWAL OF BIDS: Prior to the time set for bid opening, bids may be withdrawn or modified. Bids may be modified only on the official bid form and must be signed by a person legally empowered to bind the bidder. No bidder shall modify, withdraw or cancel his bid or any part thereof for sixty (60) calendar days after the time agreed upon for the receipt of bids.
- M. DISQUALIFICATION: The Owner reserves the right to disqualify proposals, before or after the opening, upon evidence of collusion with intent to defraud or other illegal practices relating to this proposal upon the part of the bidder.
- N. SUBMISSION OF POST-BID INFORMATION: Upon notification of acceptance, the selected bidder shall, within five (5) calendar days, submit the following:
 - 1. A designation of the portions of the Work proposed to be performed by the bidder with his own force.
 - 2. A list of names of the subcontractors or other persons or organizations, including those who are to furnish materials and equipment fabricated to a special design proposed for such portions of the Work as may be designated in the Bidding Documents or as may be requested by the Consultant. The bidder will be required to establish to the satisfaction of the Owner and the Consultant the reliability and responsibility of the proposed Subcontractors and suppliers to furnish and perform the Work.
- O. AWARD: The Owner reserves the right to accept any or to reject any bids without compensation to bidders and to waive irregularities and informalities.

The Consultant, in making his recommendation, will consider the following elements:

- 1. Whether the bidder is a contractor with experience in the type of work involved.
- 2. Whether the bidder has adequate plant, equipment and personnel to perform the work properly and expeditiously.
- 3. Whether the bidder has a suitable financial status and reputation for meeting obligations incident to work of the kind specified.

Alternate items may or may not be awarded. Addition or deletion of other items or schedules will be governed by NCTCOG, Item 1.37 "Change or Modification of Contract".

- P. EXECUTION OF THE CONTRACT: The successful bidder will be required to enter into a contract with the Owner within ten (10) business days of notice by the Owner that his bid has been accepted. Failure to enter into a contract within the established time limit shall be considered grounds for forfeiture of the bid bond.
- Q. CONSTRUCTION SCHEDULE: It is the Owner's desire to have the project completed in as short a time as possible. The number of calendar days for completion of the project will begin with the date specified in the Notice to Proceed. The Notice to Proceed will be issued in a manner to facilitate a smooth construction of the project. The Contractor shall begin construction within five (5) calendar days of the issuance of the Notice to Proceed."

In no instance shall the number of calendar days for completion of the work measured from the Notice To Proceed' exceed 75 calendar days.

R. LIQUIDATED DAMAGES: The time of completion is of the essence for this contract. Not withstanding any other provision of the Documents comprising the construction contract for the Nile Properties Demolition project, for each calendar day that any work shall remain uncompleted after the time specified as described in the "Instruction To Bidders, Section "Q", Construction Schedule", proposal and the contract, or the increased time granted by the Owner, or as equitably increased by additional work or materials ordered after the contract is signed, the sum per day given in the following schedule shall be deducted from the monies due the Contractor:

\$500 per Calendar Day

The sum of money thus deducted for such delay, failure or non-completion is not to be considered as a penalty, but shall be deemed, taken and treated as reasonable liquidated damages, per calendar day that the Contractor shall be in default after the time stipulated in the contract for completing the work. The said amounts are fixed and agreed upon by and between Owner and Contractor because of the impracticability and extreme difficulty of fixing and ascertaining the actual damages the Owner in such event would sustain; and said amounts are agreed to be the amounts of damages which the Owner would sustain and which shall be retained from the monies due, or that may become due, the Contractor under this contract; and if said monies be insufficient to cover the amount owing, then the Contractor or his surety shall immediately pay any additional amounts due. If the Contractor finds it impossible, for reasons beyond his control, to complete the work within the contract time as specified, the Contractor may make a written request for an extension of time in accordance with the General Provisions. In the case of any conflict, the terms of this paragraph regarding liquidated damages shall control.

- S. FORM OF CONTRACT: The contract for the construction of the project will be drawn up by the Owner. A sample form of agreement is included in the Contract Agreement Section.
- T. BONDS: A Performance Bond, a Labor and Material Payment Bond and a Maintenance Bond will be required by the Owner. The performance and payment bonds shall name the Town of Addison, and others as directed by the Town, as joint obligees. Sample forms have been included in the Performance Bond, Payment Bond and Maintenance Bond sections. (Contractor shall confirm the legal names of obligees prior to execution of Bonds.)
- U. BID SECURITY: Bids shall be accompanied by a cashier's check or certified check upon a national or state bank in an amount not less than five percent (5%) of the total maximum bid price payable without recourse to the Town of Addison, or a bid bond in the same amount from a reliable surety company licensed to do business in the State of Texas as a guarantee that the bidder will enter into a contract and execute a Performance Bond and Payment Bond within ten (10) calendar days after notice of award of contract to him. Such checks or bid bonds will be returned to all except the three lowest bidders within three (3) days after the opening of bids, and the remaining checks or bid bonds will be returned promptly after the Owner has made an award of contract, or, if no award has been made within thirty (30) calendar days after the date of the opening of bids, upon demand of the bidder at any time thereafter, so long as he has not been notified of the acceptance of his bid.
- V. RESOLUTIONS: If the bidder is a corporation, a copy of the resolution empowering the person submitting the bid to bind the bidder must be included with the bid.

- W. CONSTRUCTION STAKING: Construction staking will not be provided by the Owner. Benchmarks and Horizontal Control are shown on the plans. There is no separate bid item for staking, therefore, the contractor must include value for staking in his bid.
- X. FINAL PAYMENT: The general provisions for Final Payment shall be as stated in Item 1.51.4 of the North Central Texas Standard Specifications for Public Works Construction (3rd Edition) including all Amendments and Additions. Prior to final payment the Contractor shall provide the Owner with the following items:
 - 1. A Contractor's Affidavit of Bills Paid in accordance with Section BP.
 - 2. A Consent of Surety Company to Final Payment.
 - A complete set of record plans which indicate all construction variations from the original construction documents in accordance with Item 5 of the Special Provisions.
 - 4. A one (1) year Maintenance Bond in accordance with Section MB.
- Y. PREVAILING WAGE RATES: Wage rates paid on this project shall not be less than specified in the schedule of general prevailing rates of per diem wages as attached in the Special Provisions.

SECTION PF

PROPOSAL FORM

SECTION PF PROPOSAL FORM

_, 20___

TO: The Honorable Mayor and Town Council Town of Addison, Texas		
Gentlemen:		
The undersigned bidder, having examined the plans, specifications and contract documents, and the location of the proposed work, and being fully advised as to the extent and character of the work, proposes to furnish all equipment and to perform labor and work necessary for completion of the work described by and in accordance with the Plans, Specifications and Contract for the following prices, to wit:		
Signed By:		
ACKNOWLEDGEMENT OF ADDENDA:		
The Bidder acknowledges receipt of the following addenda:		
Addendum No. 1 Dated:		
Addendum No. 2 Dated:		
Addendum No. 3 Dated:		
Addendum No. 4 Dated:		
Addendum No. 5 Dated:		
Addendum No. 6 Dated:		

PROPOSAL FORM

Place
Date
Proposal of
organized and existing under the laws of the State of
OR
Proposal of,
a partnership consisting of
and
OR
Proposal of,
an individual trading as
TO: Town of Addison, Texas
Sealed bids addressed to the Town of Addison, Texas, for the Building Demolition, Pavement Removal, and Grading for the NILE PROPERTIES DEMOLITION for the Town of Addison, Texas, hereinafter called "Town", in accordance with the plans, specifications and contract documents prepared by HNTB Corporation, will be received at the office of Minok Suh, Purchasing Coordinator, Finance Building, 5350 Belt Line Road, Addison, Texas until 2:00 p.m. on the 27th day of November, 2001. Bids received by the appointed time will be opened and read aloud. Any bids received after closing time will be returned unopened.
The undersigned Bidder, having visited the site of the work, having examined the Plans and Specifications, and other Contract Documents, including all Addenda, and being familiar with all of the conditions relating to the proposed project, hereby proposes to furnish all material, supplies, equipment, and appliances specified for the project and to furnish all labor, tools, equipment and incidentals to complete the work in accordance with the Specifications, and other Contract Documents at and for the following lump sum price:
COMPLETED PROJECT: \$
WRITTEN IN WORDS:

The undersigned Bidder agrees to begin work within ten (10) calendar days after the Notice to Proceed is issued and complete the work within seventy-five (75) calendar days.

The undersigned Bidder agrees that this bid may not be withdrawn for a period of sixty (60) days after the opening of the bids.			
submitting this bid, it is understood by the undersigned Bidder that the right is reserved by the own of Addison to reject any and all bids.			
ame of Bidder			
y:			
ignature)			
Print Name and Title)			
itness:			
lignature)			
Office Address of Bidder)			
idder's Tax I.D. No. or Employer No.			
EAL (If Bidder is a Corporation) NOTES: Sign in ink. Do not detach.			

SECTION CA

CONTRACT AGREEMENT

SECTION CA CONTRACT AGREEMENT

STATE OF TEXAS COUNTY OF DALLAS THIS AGREEMENT is made and entered into this ____ day of _ 20 , by and between the Town of Addison, of the County of Dallas and State of Texas, acting through its Mayor, thereunto duly authorized so to do, Party of the First Part, hereinafter termed the OWNER, and _____, of the City of _____, County of _____ , State of , Party of the Second Part, hereinafter termed CONTRACTOR. WITNESSETH: That for and in consideration of the payment and agreement hereinafter mentioned, to be made and performed by the OWNER, the said CONTRACTOR hereby agrees with the said OWNER to commence and complete construction of certain improvements as follows: **Nile Properties Demolition** and all extra work in connection therewith, under the terms as stated in the General and Specific Provisions of the AGREEMENT; and at his own proper cost and expense to furnish all the materials, supplies, machinery, equipment, tools, superintendence, labor, insurance and other accessories and services necessary to complete the said construction, in accordance with the conditions and prices stated in the Proposal attached hereto and in accordance with the Advertisement for Bids. Instructions to Bidders, General Provisions. Special Provisions. Plans, and other drawings and printed or written explanatory matter thereof, and the Technical Specifications and Addenda thereto, as prepared by the OWNER, each of which has been identified by the endorsement of the CONTRACTOR and the OWNER thereon, together with the CONTRACTOR's written Proposal and the General Provisions, all of which are made a part hereof and collectively evidence and constitute the entire AGREEMENT. The CONTRACTOR hereby agrees to commence work within ten (10) calendar days after the date of written notice to do so shall have been given to him, and to substantially compete the work within 50 days after he commences work, and to complete all work within 75 days after the date of written notice, subject to such extensions of time as are provided by the General Provisions. The OWNER agrees to pay the CONTRACTOR \$ in current funds for

Application Company

the performance of the Contract in accordance with the Proposal submitted thereof, subject to additions and deductions, as provided in the General Provisions, and to make

payments of account thereof as provided therein.

IN WITNESS THEREOF, the parties of these presents have executed this AGREEMENT in the year and day first above written.

TOWN OF ADDISON (OWNER)	ATTEST:
BY:	
	City Secretary
	Proceedings of the Control of the Co
	Party of the Second Part (CONTRACTOR)
ATTEST:	
	By:
The following to be executed if the	CONTRACTOR is a corporation:
I,, cert	tify that I am the secretary of the corporation named as
behalf of the CONTRACTOR	is the of said ties Demolition Contract was duly signed for and in
	ority of its governing body, and is within the scope of
•	Signed:
Corporate Seal	

SECTION PrB

PERFORMANCE BOND

SECTION PrB PERFORMANCE BOND

STATE OF TEXAS	•	
COUNTY OF DALLAS	Date Bond Executed:	HIIIII AAA
PRINCIPAL:		
SURETY:		
PENAL SUM OF BOND (express in wo	ords and figures):	•
.``		
DATE OF CONTRACT:		

KNOW ALL MEN BY THESE PRESENTS, that we, the PRINCIPAL and SURETY above named, are held firmly bound unto The Town of Addison, Texas, hereinafter called the OWNER, in the penal sum of the amount stated above, for the payment of which sum and truly to be made, we bind ourselves, our heirs, executors, administrators and successors, jointly and severally, firmly by these presents.

THE CONDITIONS OF THIS OBLIGATION ARE SUCH that, whereas the PRINCIPAL entered into a certain Contract with the OWNER, numbered and dated as shown above and attached hereto;

NOW THEREFORE, if the PRINCIPAL shall well and truly perform and fulfill all the undertakings, covenants, terms, conditions and agreements of said Contract during the original term of said Contract and any extension thereof that may be granted by the OWNER, with or without notice to the SURETY, and during the life of any guaranty required under the Contract, and shall also well and truly perform and fulfill all the undertakings, covenants, terms, conditions and agreements of any and all duly authorized modifications of said Contract that may hereafter be made, notice of which modifications of said SURETY being hereby waived, then this obligation to be void, otherwise in full force and effect.

IN WITNESS WHEREOF, the above-bounden parties have executed this instrument under their several seals on the date indicated above, the name and corporate seal of each corporate party being hereto affixed and these presents duly signed by its undersigned representative, pursuant to authority of its governing body.

SEAL	
	CONTRACTOR
	Ву:
	Address:
WITNESS	
	•
SEAL	
ATTEST:	SURETY
	Ву:
	Address:
Title:	
Title.	
(Sur	rety to Attach Power of Attorney)
CERTIFICA	ATE AS TO CORPORATE PRINCIPAL
PRINCIPAL in the within bond the the said bond on behalf of the PRI	
· · · · · · · · · · · · · · · · · · ·	ature, and his signature thereto is genuine; and that said bond sted for and in behalf of said corporation by authority of its
	(Corporate Seal)

SECTION PyB

(:

PAYMENT BOND

SECTION PyB PAYMENT BOND

STATE OF TEXAS		
COUNTY OF DALLAS	Date Bond Executed:	•
PRINCIPAL:		
SURETY:		:
PENAL SUM OF BOND (express in wo	ords and figures):	
		,
DATE OF CONTRACT:	·	
KNOW ALL MEN BY THESE PRESE named, are held firmly bound unto The 1 in the penal sum of the amount stated ab we bind ourselves, our heirs, executors, a firmly by these presents.	Town of Addison, Texas, hereina ove, for the payment of which su	fter called the OWNER made,
THE CONDITIONS OF THIS OBLIC entered into a certain Contract with the attached hereto;		
NOW THEREFORE, if the PRINCIPAL labor and materials in the prosecution of duly authorized modifications of said modifications to the SURETY being her remain in full force and effect.	f the work provided for in said C Contract that may hereafter be	ontract, and any and all made, notice of which

IN WITNESS WHEREOF, the above-bounden parties have executed this instrument under their several seals on the date indicated above, the name and corporate seal of each corporate party being hereto affixed and these presents duly signed by its undersigned representative, pursuant to authority of its governing body.

SEAL	•
	CONTRACTOR
•	By:
	Address:
WITNESS	
SEAL	•
ATTEST:	SURETY
	Ву:
	Address:
	·
Title:	· · · · · · · · · · · · · · · · · · ·
(Surety to Attach Po	wer of Attorney)
CERTIFICATE AS TO CO	RPORATE PRINCIPAL
PRINCIPAL in the within bond that the said bond on behalf of the PRINCIPAL, is the	said
corporation; that I know his signature, and his signature and his signed, sealed and attested for and in governing body.	
	(0
	(Corporate Seal)

SECTION MB

MAINTENANCE BOND

SECTION MB MAINTENANCE BOND

STATE OF TEXAS

COUNTY OF DALLAS

That	as principal and	
	, a corporation organized under the laws of	and
	as sureties, said sureties being a	
State of Tex	as, do hereby expressly acknowledge themselves to b	e held and bound to pay unto
the Town of	f Addison, Texas, a duly incorporated home rule mu	nicipal corporation under the
laws of the S	State of Texas, the sum of	
•	·	
······································		······································
(\$) for the payment of which sum will and truly	to be made unto said Town of
Addison and	l its successors, said principal and sureties do hereby l	bind themselves, their assigns
and successo	ors, jointly and severally.	
This obligati	on is conditioned, however, that whereas said:	
		4
has this day construct the	entered into a written contract with the said Town	of Addison to build and
`	,	

which contract and the Plans and Specifications therein mentioned adopted by the Town of Addison, are hereby expressly made a part hereof as though the same were written and embodied herein.

WHEREAS, under the Plans, Specifications and Contract it is provided that the Contractor will maintain and keep in good repair the work herein contracted to be done and performed for a period of one (1) years from the date of acceptance, and to do all necessary backfilling that may arise on account of sunken conditions in ditches, or otherwise, and to do and perform all necessary work and repair any defective condition growing out of or arising from the improper. joining of the same, or on account of any breaking of the same caused by the said Contractor in laying or building the same, or on account of any defect arising in any of said part of said work laid or constructed by the said Contractor, or on account of improper excavation or backfilling; it being understood that the purpose of this section is to cover all defective conditions arising by reason of defective materials, work or labor performed by the said Contractor; and in case the said Contractor shall fail to do, it is agreed that the City may do said work and supply such materials, and charge the same against the said Contractor and sureties on this obligation, and the said Contractor and sureties hereon shall be subject to the liquidated damages mentioned in said contract for each day's failure on its part to comply with the terms of the said provisions of said contract; planting materials (ground cover, and grasses) will be warranted for one (1) year from the time of final completion and acceptance by the Town of Addison.

NOW THEREFORE, if the said Contractor shall keep and perform its said agreement to maintain said work and keep the same in repair for the said maintenance period of one (1) years, as provided, then these presents shall be null and void and have no further effect; but if default shall be made by the said Contractor in the performance of its contract to so maintain and repair said work, then these presents shall have full force and effect, and said Town of Addison shall have and recover from the Contractor and its sureties damages in the premises, as provided, and it is further understood and agreed that this obligation shall be a continuing one against the principal and sureties hereon and that successive recoveries may be had hereon for successive breaches until the full amount shall have been exhausted; and it is further understood that the obligation herein to maintain said work shall continue throughout said maintenance period, and the same shall not be changed, diminished, or in any manner affected from any cause during said time.

IN WITNESS WHEREOF, the said		has caused these presents to
be executed by	and the said	has hereunto se
his hand this the day of	, 20	•
SURETY	. I	PRINCIPAL
	- By	*
By: Attorney in Fact		
	A	ATTEST
By:	Secr	etary
		·
Agency and Address		

NOTE: Date of Maintenance Bond must not be prior to date of Contract.

SECTION BP

CONTRACTOR'S AFFIDAVIT OF BILLS PAID

SECTION BP CONTRACTOR'S AFFIDAVIT OF BILLS PAID

STATE OF TEXAS		
COUNTY OF DALLAS	•	
Personally, before me the undersigned authobeing duly sworn, on oath, says that he is a l	legal representative of	
	(full name of Contractor as	s in contract
and that the contract for the construction of	the project, designated as	
(Project No.)		41

has been satisfactorily completed and that a and labor used in connection with the co knowledge and belief, been fully paid.		*
•		•
	Signature	•
•	Title	
Sworn to and subscribed before me this	day of 20	
Swort to and subscribed before the dis	day 01, 20	
	N. 4 T. 11'	
	Notary Public in and for	
	County, Texas	

Instructions:

If the contractor is an individual, he shall sign the affidavit. If the contractor is a partnership, any partner may sign the affidavit. If the contractor is a corporation, a person authorized by the by-laws or by the Board of Directors shall sign the affidavit. If the Contractor is a joint-venture of individuals, any of the individuals may sign the affidavit. If the Contractor is a joint-venture of partnerships, or of individuals and partnerships, the affidavit may be signed by the individual or any partner of any partnership. If the contractor is a joint-venture in which a corporation is a party, separate affidavits must be executed in the name of the joint-venture: one by each corporation and one by each individual or partnership. Signatures for corporations should be by a duly authorized officer. If signature is by another, a showing of authority to sign must accompany the affidavit.

SECTION GP

GENERAL PROVISIONS

GENERAL PROVISIONS

1. The General Provisions of the Contract shall be as stated in the Standard Specifications for Public Work Construction, North Central Texas Council of Governments (3rd Edition), under Part I, "General Provisions", Items 1.0 through 1.63 inclusive, as amended or supplemented and except as modified by the Special Provisions.

SECTION SP

SPECIAL PROVISIONS

SECTION SP SPECIAL PROVISIONS

1. OWNER

The Town of Addison, herein referred to as Owner, party of the First Part of these Contract Documents, or as may be otherwise established through assignment of the contract.

2. ENGINEER

HNTB Corporation, Engineer of the Owner, or other representative as may be authorized by said Owner to act in any particular position.

3. FORMS, PLANS AND SPECIFICATIONS

Forms of Proposal, Contract, Bonds and Plans may be obtained from the office of Ms. Minok Suh, Purchasing Coordinator, Finance Building, 5350 Belt Line Road, Addison, Texas.

4. COPIES OF PLANS FURNISHED

Three (3) sets of Plans shall be furnished to the Contractor, at no charge, for construction purposes. Additional copies may be obtained at cost of reproduction upon request.

5. PRODUCT RECORD DOCUMENTS

Maintenance of Documents. The Contractor shall maintain at the job site one record copy of the Contract Drawings, Specifications, Shop Drawings, Change Orders, other modification to the Contract, field test records and other documents submitted by Contractor in compliance with specification requirements. These documents shall be maintained at the job site apart from documents used for construction. These documents are not to be used for construction purposes. The documents shall be maintained in clean, legible condition. The documents shall be made available at all times for inspection by the Owner.

Recording. Each document shall be labeled Project Record Copy in 2-inch high printed letters. The record documents shall be kept current. No work shall be covered until required information has been recorded.

<u>Contract Drawings</u>. The appropriate drawing shall be legibly marked to record, where applicable:

a. Horizontal and vertical location of underground utilities and appurtenances referenced to permanent surface improvements.

- b. Field changes of dimension and detail made during construction process.
- c. Changes made by Change Order or Supplemental Agreement.
- d. Details not on original Contract Drawings.
- e. Changes made by Change Order or Supplemental Agreement.
- f. Other matters not originally specified.

Shop Drawing. The Contractor shall maintain the Shop Drawings as record drawings and legibly annotate shop drawings to record changes made after review. A red felt-tip marking pen shall be used for all recording.

<u>Submittal</u>. At the completion of the project, the Contractor shall deliver record drawings to the Owner. The transmittal letter shall be accompanied, in duplicate, with:

- a. Date, project title and number.
- b. Contractor's name and address.
- Title and number of each record document.
- d. Certification that each document as submitted is complete and accurate.
- e. Signature of Contractor or his authorized representative.

6. HORIZONTAL AND VERTICAL SURVEY CONTROL

The Contractor will be responsible for horizontal and vertical survey control for this project. Benchmarks coordinates are provided on the plans.

7. PERMITS, LICENSES, AND REGULATIONS

Permits and licenses of a temporary nature necessary for the prosecution of the Work shall be secured and paid for by the Contractor. Permits, licenses and easements for permanent structures or permanent changes in existing facilities shall be secured and paid for by the Owner, unless otherwise specified. If the Contractor observes that the Drawings and Specifications are at variance therewith, he shall promptly notify the Engineer in writing, and any necessary changes shall be adjusted as provided in the Contract for changes in Work. The Contractor shall comply with all federal, state and local laws, rules and regulations of every kind and nature applicable to the performance of its Work hereunder, and shall hold the Owner harmless therefrom.

8. REFERENCE SPECIFICATIONS

Where reference is made to specifications compiled by others, such are hereby made a part of these Specifications.

9. REVIEW OF WORK

The Owner and his representatives shall have the right to review the Work while such Work is in progress to ascertain that the Work is being accomplished in compliance with the standards and requirements set forth in the Contract Documents. It is also contemplated that similar review will be conducted by governmental inspectors. Notwithstanding such review, the Contractor will be held responsible for the finished Work, and any acceptance of the Work by the Owner or governmental agencies will not relieve the Contractor from responsibility for the Work. The Owner reserves the right to place full-time construction observers at the site of the Work.

The Owner and his representatives shall at all times have access to the Work whenever it is in preparation or progress, and the Contractor shall provide proper facilities for such access, and for review.

If the Specifications, the Owner's instructions, laws, ordinances, or any public authority require any Work to be specially tested, the Contractor shall give the Owner timely notice of its readiness for testing, and if the testing is by an authority other than the Owner, of the date fixed for such testing. Tests by the Owner shall be made promptly, and where practicable at the source of supply.

Re-examination of any Work may be ordered by the Owner, and, if so ordered, the Work must be uncovered by the Contractor. If such Work is found to be in accordance with the Contract Documents, the Owner shall pay the cost of re-examination and replacement. If such Work is not in accordance with the Contract Documents, the Contractor shall pay such cost.

10. <u>INSPECTION</u>

Notwithstanding the foregoing, the Town of Addison reserves the right to inspect, test, measure or verify the construction work for this project as the Town deems necessary.

11. SCOPE OF WORK

The Work for this Project consists of furnishing all materials, labor, equipment, tools and incidentals necessary to perform, in accordance with the Plans and Specifications, the proposed Niles Properties Demolition project.

12. PROPERTY LINES AND MONUMENTS

All property corners, control monumentations, construction and survey stakes and marks shall be carefully preserved by the Contractor, and in case of careless destruction or removal by Contractor or his employees, such stakes or marks shall be replaced at the Contractor's expense as required by the Owner.

13. <u>DISCREPANCIES</u>

If the Contractor, in the course of the Work, finds any discrepancy between the Contract Documents and the physical conditions of the locality, or any errors or omissions in drawings or in the layout as given by survey points and instructions, or if it appears that any Plan, Specification or other Contract Document is or may be not in compliance with any building code or other requirement of any governmental body, he shall immediately inform the Owner in writing, and the Owner shall promptly verify the same. Any Work done after such discovery, until authorized, will be done at the Contractor's risk.

14. TIME ALLOTTED FOR COMPLETION

All items of Work included under these contracts shall be completed within the time stipulated in the Instruction To Bidders. The time shall commence on the date specified in the Notice to Proceed. The Notice to Proceed shall consist of a written request by the Owner for the Contractor to proceed with construction of the Project.

15. EXISTING STRUCTURES

The Plans show the location of all known surface and subsurface structures. However, the Owner assumes no responsibility for failure to show any or all of these structures on the Plans, or to show them in their exact location. It is mutually agreed that such failure shall not be considered sufficient basis for claims for additional compensation or extra work or for increasing the pay quantities in any manner whatsoever, unless the obstruction encountered is such as to necessitate changes in the lines or grades, or require the building of special work, provisions for which are not made in the Plans and Proposal, in which case the provisions in these Specifications for extra work shall apply.

16. EXISTING UTILITIES AND SERVICE LINES

The Contractor shall contact all the utility companies which have facilities in the vicinity of the proposed improvements to confirm the horizontal and vertical locations of their respective facilities prior to commencing work. Where a conflict with the proposed improvements is encountered, the Contractor shall notify the Engineer immediately prior to proceeding with the work.

The Contractor shall be responsible for the protection of all existing utilities or service lines crossed or exposed by his construction operation. Where existing utilities or service lines are cut, broken or damaged, the Contractor shall replace the utilities or service lines with the same type of original construction, or better, at his own cost and expense. All replacement, backfill and compaction shall be accomplished in strict accordance with the requirements of the owner of the utility or service line.

17. PUBLIC UTILITIES AND OTHER PROPERTY TO BE CHANGED

In case it is necessary to change or move the property of any owner or of a public utility, such property shall not be moved or interfered with until authorized by the utility company and approved by the Owner. The right is reserved to the owner of public utilities to enter upon the limits of the Project for the purpose of making such changes or repairs of this contract.

18. <u>LIGHTS AND POWER</u>

The Contractor shall provide, at his own expense, temporary lighting and power facilities required for the proper execution of the Work.

19. PERMITS AND RIGHTS-OF-WAY

The Owner will provide rights-of-way for the purpose of construction without cost to the Contractor by securing permits in areas of public dedication or by obtaining easements across privately-owned property. It shall be the responsibility of the Contractor, prior to the initiation of construction on easements through private property, to inform the property

owner of his intent to begin construction. Before beginning construction in areas of public dedication, the Contractor shall inform the agency having jurisdiction in the area forty-eight (48) hours prior to initiation of the Work. The Contractor shall obtain a right-of-way permit from the Town of Addison.

20. PRECONSTRUCTION CONFERENCE

The successful Contractor(s) and Owner shall meet at the call of the Owner on this Project. Prior to the meeting, the Contractor(s) shall prepare schedules showing the sequencing and progress of their work and its effect on others. These schedules shall be delivered to the Owner in advance of the meeting for his review. The general nature of the work, materials used, and methods of construction as well as the schedules will be discussed at the meeting. A final composite schedule will be prepared during this conference to allow an orderly sequence of project construction.

21. ADDENDA

Bidders desiring further information, or interpretation of the Plans and Specifications, must make written request for such information to the Engineer (not later than seven (7) calendar days prior to the date set for the Bid opening). Answers to all such requests will be given in writing to all Bidders in addendum form and all addenda will be bound with and made a part of the Contract Documents. No other explanation or interpretation will be considered official or binding. Should a Bidder find discrepancies in, or omissions from, the Plans, Specifications or Contract Documents, or should he be in doubt as to their meaning, he shall at once notify the Engineer in writing in order that a written addendum may be sent to all Bidders.

22. WATER FOR CONSTRUCTION

The Contractor shall acquire a meter and make the necessary arrangements with the Town of Addison for securing and transporting all water required in the construction, including water required for mixing of concrete, sprinkling, testing or flushing. Water required for construction shall be paid for by the Contractor at the Town of Addison prevailing rates. There will be no separate pay item for connection into the existing water system and quantity of water required for construction purposes.

23. EXCAVATION

The Contractor shall exercise precautions to insure that drainage from adjacent properties is not blocked by his excavations.

24. CONTRACTOR'S BID

The Contractor's Bid shall be on a <u>Lump Sum</u> basis for construction of the Project as shown on the Plans and described in the Specifications.

25. OWNER'S STATUS

The Owner shall perform technical review of the Work. He shall also have authority to reject all Work and materials which do not conform to the Contract and to decide questions which arise in the execution of the Work.

26. OWNER'S DECISIONS

The Owner shall, within a reasonable time after their presentation to him, make decisions in writing on all claims of the Contractor and on all other matters relating to the execution and progress of the Work or the interpretation of the Contract Documents.

27. LANDS FOR WORK

The Owner shall provide as indicated on the Plans for this Project, the lands upon which the Work under this Contract is to be done, right-of-way for access to same, and such other lands which are designated on the Plans or in the Specifications for the use of the Contractor. Such lands and rights-of-way shall be adequate for the performance of the Contract. Should the Contractor be delayed as the result of lack of access, this shall be cause for an extension of time but not for additional cost.

The Contractor shall provide at his own expense and without liability to the Owner any additional land and access thereto that may be required for temporary construction facilities.

28. CLEANING UP

The Contractor shall remove at his own expense all temporary structures, rubbish and waste materials resulting from his operations. These requirements shall not apply to property used for permanent disposal of rubbish or waste materials in accordance with permission of such disposal granted to the Contractor by the Owner thereof.

29. LIQUIDATED DAMAGES FOR DELAY BY CONTRACTOR

The time of completion is of the essence in this contract. For each calendar day that any Work shall remain uncompleted after the time specified the contract, liquidated damages shall be deducted from the monies due the Contractor in the amount of \$500.00 per day.

30. <u>USE OF EXPLOSIVES</u>

Use of explosives will not be allowed.

31. PROJECT MAINTENANCE

The Contractor shall maintain, and keep in good repair, the improvements covered by these Plans and Specifications during the life of his contract.

32. DISPOSAL OF WASTE AND SURPLUS EXCAVATION

All asphalt, concrete, rock or excavated material, or other debris or material shall be removed from the property and the Town of Addison. Any required disposal permits shall be the sole responsibility of the Contractor.

33. REMOVALS, ADJUSTMENTS AND REPLACEMENTS

Existing pavements, driveways, curbs, gutters, sidewalks, slabs, docks, etc., to be removed shall be broken up and disposed of. Care shall be exercised to leave a neat, uniform edge or joint at the excavation limits or sections removed where only portions are to be removed. The Owner will designate the limits to be removed. Where pavements, driveways, curbs,

gutters, sidewalks, etc., shall be replaced, then said replacements shall be to the standard of the previously removed portion or better.

Existing structures such as manholes, inlets, cleanouts, valve boxes, etc. which are not the property of a private firm or company, or an individual required to move their own property, shall be adjusted, altered or reset to the required elevation and alignment. New materials and workmanship necessary shall conform to the requirements of these Specifications covering the particular Work. Salvaged materials in good condition may be used in rebuilding such structures, provided the materials are thoroughly cleaned before their use.

All private obstructions which are indicated on the Plans to be moved, will be removed and replaced, or moved to new permanent locations by the Contractor, without additional payment to the Contractor. Any such additional item which the Contractor moves or causes to be moved for his own convenience shall be at his own expense.

34. TOWN OF ADDISON APPROVAL

This project is subject to final approval and acceptance by Town of Addison.

35. TRAFFIC CONTROL

The Contractor shall be responsible for providing traffic control during the construction of this Project consistent with the provisions set forth in the current issue of the "Texas Manual on Uniform Traffic Control Devices for Streets and Highways" issued under the authority of the "State of Texas Uniform Act Regulating Traffic on Highways", codified as Article 6701d Vernon's Civil Statutes, pertinent sections being Section Nos. 27, 29, 30 and 31. The Contractor will not remove any regulatory sign, instructional sign, street name sign, or other sign which has been erected by the City. If it is determined that a sign must be removed to permit required construction, the Contractor shall contact the Town of Addison to remove the sign. In the case of regulatory signs, the Contractor must replace the permanent sign with a temporary sign meeting the requirements of the above-referenced manual, and such a temporary sign must be installed prior to the removal of the existing sign.

36. NOT USED

37. FINAL ACCEPTANCE OF WORK

Final acceptance of the Work is subject to final testing and approval of the Work by the Town of Addison.

38. WORK AREA

Contractor shall restrict his construction activity to the project site.

39. CONTRACTOR'S AFFIDAVIT OF BILLS PAID

The Contractor shall be required to execute the form provided in Section BP prior to the acceptance of the project.

40. PAY ITEMS

Final payment to the construction contractor shall not be made until all Work has been finally completed and verified in accordance with the construction contract, plans and specifications and have been finally accepted by the Town of Addison.

41. NOT USED

42. NOT USED

43. COMPLIANCE WITH GENERAL RULES AND LAWS

"Contractor shall familiarize himself with the nature and extent of the specifications, site conditions, safety requirements, and comply with all federal, state and local laws, ordinances, rules and regulations. Contractor shall determine how compliance with requirements, laws, rules, and regulations will affect his cost, progress or performance of the Work."

44. COMPLIANCE WITH IMMIGRATION LAWS

"Contractor shall take all steps necessary to ensure that all of the Contractor's employees are authorized to work in the United States as required by the Immigration Reform and Control Act of 1986."

45. RESOLUTION OF DISPUTES

The parties hereby covenant and agree that in the event of any controversy, dispute, or claim, of whatever nature arising out of, in connection with or in relation to the interpretation, performance or breach of this agreement, including but not limited to any claims based on contract, tort or statute, before filing a lawsuit, the parties agree to submit the matter to Alternative Dispute Resolution pursuant to the laws of the State of Texas. The parties shall select a third party arbitrator or mediator from the current list of neutrals on file with the Alternative Dispute Resolution Administrator of the Dallas County District Courts. All forms of Alternative Dispute Resolution may be used except binding arbitration. The proceedings shall be conducted in accordance with the laws of the State of Texas.

46. GENERAL SEQUENCE OF CONSTRUCTION

Prior to the start of work, the contractor shall develop a detailed construction schedule and sequence of construction, to be submitted to the Town of Addison for approval, that shall cause minimum interference with traffic along, across and adjacent to the project during construction. If the schedule or sequence becomes unworkable or unsatisfactory as work proceeds, adjustments shall be made.

Sidewalks and/or clear passage ways must be provided at all times for pedestrian traffic in the area.

Erosion control devices must be properly installed and maintained during all stages of construction.

47. CONTRACTOR'S INSURANCE

The minimum insurance required will be the types and amounts required in the Standard Specifications for Public Works Construction issued by the North Central Texas Council of Governments. The insurance company issuing policies shall be acceptable to the Town of Addison and shall be licensed and in good standing with the State of Texas. All policies required shall be submitted to the Town prior to beginning work.

48. NOT USED

49. SEEDING

Seeding shall be done in accordance with Item 3.10 "Seeding" in the NTCOG Standard Specifications. Grass seed will be Bermuda seed and will conform to Type I or Type III in section 3.10.2 "Planting Season". Construction method shall conform to section 3.10.7 "Hydro Mulching". This will not be a separate pay item.

50. NOT USED

51. WORKERS' COMPENSATION INSURANCE COVERAGE

A. Definitions.

Certificate of Coverage ("certificate") - A copy of a certificate of insurance, a certificate of authority to self insure issued by the Texas Workers' Compensation Commission (the "TWCC"), or a coverage agreement (TWCC-81, TWCC-82, TWCC-83 or TWCC-84), showing statutory workers' compensation insurance coverage for the person's or entity's employees providing services on a project, for the duration of the project.

Duration of the Project - includes the time from the beginning of the work on the project until the Contractor's/person's work on the project has been completed and accepted by the governmental entity.

Persons Providing Services on the Project ("subcontractor" in Section 406.096 of the Texas Labor Code) - includes all persons or entities performing all or part of the services the Contractor has undertaken to perform on the project, regardless of whether that person contracted directly with the Contractor and regardless of whether that person has employees. This includes, without limitation, independent contractors, subcontractors, leasing companies, motor carriers, owner-operators, employees of any such entity or employees of any entity which furnishes persons to provide services on the project. "Services" include, without limitation, providing, hauling, or delivering equipment or materials, or providing labor, transportation, or other service related to a project. "Services" does not include activities unrelated to the project, such as food/beverage vendors, office supply deliveries, and delivery of portable toilets.

- B. The Contractor shall provide coverage, based on property reporting of classification codes and payroll amounts and filing of any coverage agreement, which meets the statutory requirements of Texas Labor Code, 401.011(44) for all employees of the Contractor providing services on the project, for the duration of the project.
- C. The Contractor must provide a certificate of coverage to the Owner prior to being awarded the contract.
- D. If the coverage period shown on the Contractor's current certificate of coverage ends during the duration of the project, the Contractor must, prior to the end of the coverage period, file a new certificate of coverage with the Owner, showing that the coverage has been extended.
- E. The Contractor shall obtain from each person providing services on the project, and provide to the Owner:
 - (1) a certificate of coverage, prior to that person beginning work on the project, so that the Owner will have on file certificates of coverage showing coverage for all persons providing services on the project; and,
 - (2) no later than seven days after receipt by the Contractor, a new certificate of coverage showing extension of coverage, if the coverage period shown on the current certificate of coverage ends during the duration of the project;
- F. The Contractor shall retain all required certificates of coverage on file for the duration of the project and for one year thereafter.
- G. The Contractor shall notify the Owner in writing by certified mail or personal delivery, within 10 days after the Contractor knew or should have known, of any change that materially affects the provision of coverage of any person providing services on the project.
- H. The Contractor shall post on each project site a notice, in the text, form and manner prescribed by the TWCC, informing all persons providing services on the project that they are required to be covered, and stating how a person may verify current coverage and report failure to provide coverage.

Represent Revenued

- I. The Contractor shall contractually require each person with whom it contracts to provide Services on a project to:
 - (1) provide coverage, based on proper reporting of classification codes and payroll amounts and filing of any coverage agreements, which meets the statutory requirements of Texas Labor Codes 401.011 (44) for all its employees providing services on the project, for the duration of the project;
 - (2) provide to the Contractor, prior to that person beginning work on the project, a certificate of coverage showing that coverage is being provided for all employees of the person providing services on the project, for the duration of the project;
 - (3) provide the Contractor, prior to the end of the coverage period, a new certificate of coverage showing extension of coverage, if the coverage period shown on the current certificate of coverage ends during the duration of the project;

- (4) obtain from each person with whom it contracts, and provide to the Contractor;
 - a. a certificate of coverage, prior to the other person beginning work on the project; and,
 - b. a new certificate of coverage showing extension of the coverage period, prior to the end of the coverage period, if the coverage period shown on the current certificate of coverage ends during the duration of the project.
- (5) retain all required certificates of coverage on file for the duration of the project and for one year thereafter;
- (6) notify the Owner in writing by certified mail or personal delivery, within 10 days after the person knew or should have known, of any change that materially affects the provision of coverage of any person providing services on the project; and
- (7) contractually require each other person with whom it contracts to perform as required by paragraphs (1) (7) with the certificate of coverage to be provided to the person for whom they are providing services.
- J. By signing this contract or providing or causing to be provided a certificate of coverage, the Contractor is representing to the Owner that all employees of the Contractor who will provide services on the project will be covered by worker's compensation coverage for the duration of the project, that the coverage will be based on proper reporting of classification codes and payroll amounts, and that all coverage agreements will be filed with the appropriate insurance carrier or, in the case of a self-insured, with the TWCC's Division of Self-Insurance Regulation. Providing false or misleading information may subject the Contractor to administrative penalties, criminal penalties, civil penalties or other civil actions.
- K. The Contractor's failure to comply with any of these provisions is a breach of contract by the Contractor which entitles the Owner to declare the contract void if the Contractor does not remedy the breach within ten days after receipt of notice of breach from the Owner.

The following is the form of notice of workers' compensation coverage prescribed by the TWCC. Pursuant to Section 110.110 (d) (7), this notice must be printed with a title in at least 30-point bold type, and text in at least 19-point nominal type, and shall be in both English and Spanish and any other language common to the worker population.

REQUIRED WORKERS' COMPENSATION COVERAGE

"The law requires that each person working on this site or providing services related to this construction project must be covered by workers' compensation insurance. This includes persons providing, hauling or delivering equipment or materials, or providing labor or transportation or other service related to the project, regardless of the identity of their employer or status as an employee.

"Call the Texas Workers' Compensation Commission (TWCC) at (512) 440-3789 to receive further information on the legal requirements for coverage, to verify whether your employer has provided the required coverage, or to report an employer's failure to provide coverage."

53. PROJECT TRAILER

"The Owner will <u>not</u> provide the Contractor with a storage area or project trailer. The Contractor is responsible for providing his own storage at the project site. The Contractor will not be required to provide a job trailer for meetings, phone conversations and other day to day activities. Meetings can be held at the Town of Addison Service Center. Costs for the storage area shall be included in mobilization.

54. RESTRICTED WORK HOURS

Per the Town of Addison Building Regulations, "It shall be unlawful for a person, firm or corporation to excavate, erect, build, construct, alter, repair or demolish any building or structure which has been issued or which is required to be issued a building permit by the Town of Addison between the hours of 7:00 p.m. and 7:00 a.m. Monday through Friday, and between the hours of 7:00 p.m. and 8:00 a.m. on Saturday and Sunday, if such activity is performed within a residential, apartment, or townhouse zoned area, or within three hundred (300) feet of an occupied residence, except in cases of urgent necessity or in the interest of public safety and convenience, and then only by permit of the City Manager."

55. PREVAILING WAGE RATES

Wage rates paid on this project shall not be less than specified in the schedule of general prevailing rates of per diem wages as attached hereto.

PREVAILING WAGE RATES

GENERAL DECISION TX010045 03/02/2001 TX45

Date: March 2, 2001

General Decision Number TX010045

Superseded General Decision No. TX000045

State: TEXAS

Construction Type:

HEAVY HIGHWAY

County(ies):

COLLIN	GRAYSON	ROCKWALL
DALLAS	JOHNSON	TARRANT
DENTON	KAUFMAN	WICHITA
ELLIS	PARKER	

HEAVY AND HIGHWAY CONSTRUCTION PROJECTS IN WICHITA COUNTY ONLY.

HIGHWAY CONSTRUCTION PROJECTS ONLY FOR REMAINING COUNTIES

Modification Number	Publication Date
Ο	03/02/2001

COUNTY(ies):

COLLIN	GRAYSON	ROCKWALL
DALLAS	JOHNSON	TARRANT
DENTON	KAUFMAN	WICHITA
ELLIS .	PARKER	

SUTX2043A 03/26/1998

<u>Rates</u>	<u>Fringes</u>
AIR TOOL OPERATOR	\$ 9.00
ASPHALT RAKER	9.55
ASPHALT SHOVELER	8.80
BATCHING PLANT WEIGHER	11.51
CARPENTER	10.30

CONTORUUM ENTICITED DAVING	10.50
CONCRETE FINISHER-PAVING	10.50
CONCRETE PURPER	9.83
CONCRETE RUBBER	8.84
ELECTRICIAN	15.37
FLAGGER	7.55
FORM BUILDER-STRUCTURES	9.82
FORM LINER-PAVING & CURB	9.00
FORM SETTER-PAVING & CURB	9.24
FORM SETTER-STRUCTURES	9.09
LABORER-COMMON	7.32
LABORER-UTILITY	8.94
MECHANIC	12.68
OILER	10.17
SERVICER	9.41
PAINTER-STRUCTURES	11.00
PIPE LAYER	8.98
BLASTER	11.50
ASPHALT DISTRIBUTOR OPERATOR	10.29
ASPHALT PAVING MACHINE	10.30
BROOM OR SWEEPER OPERATOR	8.72
BULLDOZER	10.74
CONCRETE CURING MACHINE	9.25
CONCRETE FINISHING MACHINE	11.13
CONCRETE PAVING JOINT MACHINE	10.42
CONCRETE PAVING JOINT SEALER	9.00
CONCRETE PAVING SAW	10.39
CONCRETE PAVING SPREADER	10.50
SLIPFORM MACHINE OPERATOR	9.92
CRANE, CLAMSHELL, BACKHOE,	
DERRICK, DRAGLINE, SHOVEL	11.04
FOUNDATION DRILL OPERATOR	
CRAWLER MOUNTED	10.00
FOUNDATION DRILL OPERATOR	
TRUCK MOUNTED	11.83
FRONT END LOADER	9.96
MILLING MACHINE OPERATOR	8.62
MIXER	10.30
MOTOR GRADER OPERATOR	
FINE GRADE	11.97
MOTOR GRADE OPERATOR	10.96
PAVEMENT MARKING MACHINE	7.32
ROLLER, STEEL WHEEL PLANT-MIX	
PAVEMENTS	9.06
ROLLER, STEEL WHEEL OTHER	
FLATWHEEL OR TAMPING	8.59

ROLLER, PNEUMATIC, SELF-PROPELLED	8.48
SCRAPER	9.63
TRACTOR-CRAWLER TYPE	10.58
TRACTOR-PNEUMATIC	9.15
TRAVELING MIXER	8.83
WAGON-DRILL, BORING MACHINE	12.00
REINFORCING STEEL SETTER PAVING	13.21
REINFORCING STEEL SETTER	
STRUCTURES	13.31
STEEL WORKER-STRUCTURAL	14.80
SPREADER BOX OPERATOR	10.00
WORK ZONE BARRICADE	7.32
TRUCK DRIVER-SINGLE AXLE	
LIGHT	8.965
TRUCK DRIVER-SINGLE AXLE	
HEAVY	9.02
TRUCK DRIVER-TANDEM AXLE	
SEMI TRAILER	8.77
TRUCK DRIVER-LOWBOY/FLOAT	10.44
TRUCK DRIVER-TRANSIT MIX	9.47
TRUCK DRIVER-WINCH	9.00
VIBRATOR OPERATOR-HAND TYPE	7.32
WELDER	11.57

Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29 CFR 5.5(a)(1)(v)).

In the listing above, the "SU" designation means that rates listed under that identifier do not reflect collectively bargained wage and fringe benefit rates. Other designations indicate unions whose rates have been determined to be prevailing.

WAGE DETERMINATION APPEALS PROCESS

- 1.) Has there been an initial decision in the matter? This can be:
 - an existing published wage determination
 - a survey underlying a wage determination
 - a Wage and Hour Division letter setting forth a position on a wage determination matter
 - a conformance (additional classification and rate)

ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations Wage and Hour Division U. S. Department of Labor 200 Constitution Avenue, N. W. Washington, D. C. 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator U.S. Department of Labor 200 Constitution Avenue, N. W. Washington, D. C. 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board U. S. Department of Labor 200 Constitution Avenue, N. W. Washington, D. C. 20210

4.) All decisions by the Administrative Review Board are final.

END OF GENERAL DECISION

SECTION T TECHNICAL SPECIFICATIONS

BUILDING DEMOLITION

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

A. Drawings and general provisions of the Contract, including Special Provisions.

1.2 SUMMARY

- A. This Section includes the following:
 - Demolition and removal of buildings and structures.
 - Demolition and removal of site improvements adjacent to a building or structure to be demolished.
 - 3. Removing below-grade construction.
 - 4. Disconnecting, capping or sealing, and abandoning in place site utilities.

1.3 DEFINITIONS

- A. Remove: Detach items from existing construction and legally dispose of them off-site unless indicated to be removed and salvaged or recycled.
- B. Existing to Remain: Existing items of construction that are not to be removed and that are not otherwise indicated to be removed, removed and salvaged, or recycled.

1.4 MATERIALS OWNERSHIP

A. Contractor shall assume ownership of all building materials on the site. It shall be the Contractor's responsibility to remove building, sign, utility, and paving items from the site.

1.5 SUBMITTALS

- A. Proposed Environmental-Protection, Dust-Control and Noise-Control Measures: Submit statement or drawing that indicates the measures proposed for use, proposed locations, and proposed time frame for their operation for approval. Show any measures necessary for protection of trees, foliage or nearby structures.
- B. Schedule of Building Demolition Activities: Indicate the following:
 - 1. Detailed sequence of demolition and removal work, with starting and ending dates for each activity.
 - 2. Coordination for shutoff, capping, and continuation of utility services.

- C. Landfill Records: Indicate receipt and acceptance of hazardous wastes by a landfill facility licensed to accept hazardous wastes, if applicable.
- D. Statement of Refrigerant Recovery: Signed by refrigerant recovery technician responsible for recovering refrigerant, stating that all refrigerant that was present was recovered and that recovery was performed according to EPA regulations. Include name and address of technician and date refrigerant was recovered.

1.6 QUALITY ASSURANCE

- A. Demolition Firm Qualifications: An experienced firm that has specialized in demolition work similar in material and extent to that indicated for this Project. A minimum of three successful building demolition projects must have been completed and references for each project must be available.
- B. Refrigerant Recovery Technician Qualifications: Certified by EPA-approved certification program.
- C. Regulatory Requirements: Comply with governing EPA notification regulations before beginning demolition. Comply with hauling and disposal regulations of authorities having jurisdiction. Notification of the Texas Department of Health and other appropriate agencies will be the responsibility of the Contractor. All fees associated with project will be the responsibility of the Contractor.
- D. Standards: Comply with ANSI A10.6 and NFPA 241.
- E. Predemolition Conference: Conduct conference at Project site to demonstrate compliance with requirements in the Plans and Specifications. Review methods and procedures related to building demolition including, but not limited to, the following:
 - 1. Inspect and discuss condition of construction to be demolished.
 - 2. Review and finalize building demolition schedule and verify availability of demolition personnel, equipment, and facilities needed to make progress and avoid delays.
 - 3. Review and finalize protection requirements.

1.7 PROJECT CONDITIONS

- Buildings to be demolished will be vacated and their use discontinued before start of Work.
- B. Owner gives no indication as to the thickness of any pavements, slabs, docks, or other structural items. It is the responsibility of the Contractor to make his own determinations based on the pre-bid site visit.
- Owner assumes no responsibility for buildings and structures to be demolished.
 - 1. Conditions existing at time of inspection for bidding purpose will be maintained by Owner as far as practical.
- D. Hazardous Materials: It is not expected that hazardous materials will be encountered in the

- 1. If materials suspected of containing hazardous materials are encountered, do not disturb; immediately notify Owner and Engineer. Hazardous materials will be removed by Owner under a separate contract.
- E. Storage or sale of removed items or materials on-site is not permitted.

PART 2 - PRODUCTS (Not Used)

PART 3 - EXECUTION

3.1 EXAMINATION

- A. Survey existing conditions and correlate with requirements indicated to determine extent of building demolition required.
- B. Review Project Record Documents of existing construction provided by Owner. Owner does not guarantee that existing conditions are the same as those indicated in Project Record Documents.
- C. When unanticipated mechanical, electrical, or structural elements are encountered, investigate and measure the nature and extent of the element. Promptly submit a written report to Engineer.
- D. Verify that any known hazardous materials have been remediated before proceeding with building demolition operations.

3.2 PREPARATION

- A. Refrigerant: Remove and store refrigerant according to 40 CFR 82 and regulations of authorities having jurisdiction.
- B. Existing Utilities: Locate, identify, disconnect, and seal or cap off indicated utilities serving buildings and structures to be demolished.
 - 1. Arrange to shut off all utilities with utility companies.
 - If utility services are required to be removed, relocated, or abandoned, before proceeding
 with building demolition provide temporary utilities that bypass buildings and structures
 to be demolished and that maintain continuity of service to other buildings and structures.
 - Cut off pipe or conduit a minimum of four (4) feet below grade, except as noted on the plans. Cap, valve, or plug and seal remaining portion of pipe or conduit after bypassing.
- C. Temporary Shoring: Provide and maintain interior and exterior shoring, bracing, or structural support to preserve stability and prevent unexpected movement or collapse of construction being demolished.
 - 1. Strengthen or add new supports when required during progress of demolition.

3.3 PROTECTION.

- A. Existing Facilities: Protect adjacent walkways, loading docks, building entries, and other building facilities during demolition operations.
- B. Existing Utilities: Disconnect existing utility services for the building. Underground lines may be abandoned in place, but none shall be within four (4) feet of finished grade.
 - 1. Do not interrupt existing utilities serving adjacent occupied or operating facilities unless authorized in writing by Owner and authorities having jurisdiction.
 - 2. Provide temporary services during interruptions to existing utilities, as acceptable to Owner and to authorities having jurisdiction.
 - a. Provide at least 72 hours' notice to Owner if shutdown of service is required during changeover.
- C. Temporary Protection: Erect temporary protection, such as walks, fences, railings, canopies, and covered passageways, where required by authorities having jurisdiction and as indicated.
 - 1. Protect existing site improvements, appurtenances, and landscaping to remain.
 - 2. Provide temporary barricades and other protection required to prevent injury to people and damage to adjacent buildings and facilities to remain.
 - 3. Provide protection to ensure safe passage of people around building demolition area and to and from occupied portions of adjacent buildings and structures.
 - 4. Protect walls, windows, roofs, and other adjacent exterior construction that are to remain and that are exposed to building demolition operations.
 - 5. Erect and maintain partitions and temporary enclosures to limit dust and dirt migration and to separate areas from furnes and noise from occupied portions of adjacent buildings.

3.4 DEMOLITION, GENERAL

- A. General: Demolish indicated existing buildings, structures and site improvements completely. Use methods required to complete the Work within limitations of governing regulations and as follows:
 - 1. Do not use cutting torches until work area is cleared of flaminable materials. Maintain portable fire-suppression devices during flame-cutting operations.
 - 2. Maintain adequate ventilation when using cutting torches.
 - 3. Locate building demolition equipment and remove debris and materials so as not to impose excessive loads on supporting walls, floors, or framing.
- B. Hazard Surveys: Perform surveys as the Work progresses to detect hazards that may result from building demolition activities.
- C. Site Access and Temporary Controls: Conduct building demolition and debris-removal operations to ensure minimum interference with roads, streets, walks, walkways, and other adjacent occupied and used facilities.
 - Do not close or obstruct streets, walks, walkways, or other adjacent occupied or used facilities without permission from Owner. Provide alternate routes around closed or obstructed traffic ways if required by Owner.
 - 2. Use water mist and other suitable methods to limit spread of dust and dirt. Comply with governing environmental-protection regulations. Do not use water when it may damage

adjacent construction or create hazardous or objectionable conditions, such as ice, flooding, and pollution.

3.5 MECHANICAL DEMOLITION

- A. Remove buildings and structures, and site improvements intact when permitted by authorities having jurisdiction.
- B. Proceed with demolition of structural framing members systematically, from higher to lower level. Concrete panels shall be lowered systematically to maintain as much structural stability as possible with remaining structure.
- C. Remove debris from elevated portions by chute, hoist, or other device that will convey debris to grade level in a controlled descent.
 - 1. Remove structural framing members and lower to ground by method suitable to minimize ground impact or dust generation.
- D. Concrete: Cut concrete full depth at junctures with construction indicated to remain, using power-driven saw, then remove concrete between saw cuts.
- E. Below-Grade Construction: Demolish and remove foundation walls and other below-grade construction. Remove piers to a depth of at least four (4) feet below final grades indicated.
- F. Existing Utilities: Demolish and remove existing utilities and below-grade utility structures. Remove and salvage meters on the site. Coordinate removal of service lines with applicable utility companies.

3.6 EXPLOSIVE DEMOLITION

A. Explosives: Use of explosives is not permitted.

3.7 SITE RESTORATION

- A. Below-Grade Areas: Rough grade below-grade areas ready for further excavation or new construction. Remove all debris over 3" in size. Entire site shall be cleared and grubbed according to NTCOG specification item 3.2. No separate payment will be made for clearing and grubbing.
- B. Site Grading: Site shall be graded according to plans to a tolerance of +/- 0.2 feet. There shall be no ponding or low areas on site. All drainage shall sheet flow to the channel on the north and west sides of the site. All backfill material necessary for bringing the site to the proper grades will be the responsibility of the contractor. At a minimum, the top four (4) inches will be topsoil material. The fill material below the topsoil will be new select fill material. No separate payment will be made for these items. Fill material will be free of root and rock material.
- C. It will be the responsibility of the Contractor to develop his own estimate prior to bidding on the project,

D. Vegetation: Hydromulch site with Common Bermuda or approved equivalent within seven days of demolition of the building and parking areas. Hydromulch shall be applied at a rate as defined by the manufacturer for uniform grass coverage. Water shall be applied until the grass is well established.

3.8 REPAIRS

- A. General: Promptly repair damage to adjacent construction caused by building demolition operations.
- B. Where repairs to existing surfaces are required, patch to produce surfaces suitable for new materials.
- C. Restore exposed finishes of patched areas and extend restoration into adjoining construction in a manner that eliminates evidence of patching and refinishing.

3.9 DISPOSAL OF DEMOLISHED MATERIALS

- A. General: Except for items or materials indicated to be recycled, reused, salvaged, reinstalled, or otherwise indicated to remain Owner's property, remove demolished materials from Project site and legally dispose of them in an EPA-approved landfill.
 - 1. Do not allow demolished materials to accumulate on-site.
 - Remove and transport debris in a manner that will prevent spillage on adjacent surfaces and areas.
- B. Burning: Do not burn demolished materials.
- C. Disposal: Transport demolished materials off Owner's property and legally dispose of them.

3.10 CLEANING

A. Clean adjacent structures and improvements of dust, dirt, and debris caused by building demolition operations. Return adjacent areas to condition existing before building demolition operations began.

END OF SECTION

TOWN OF ADDISON
BUILDING REGULATION SEC. 5-37.5

Sec. 5-37.5. Excavation, construction or demolition at night prohibited.

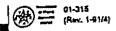
- (a) Intent and purpose. The city council of the Town of Addison finds and declares that:
 - (1) The uncontrolled excavation, erection, construction or demolition at night upon buildings or structures presents an inconvenience or danger to the welfare and safety of those persons residing within or near the buildings or structures worked upon.
 - (2) Such nocturnal activity causes inconvenience or danger to those persons residing within or near the buildings or structures worked upon so as to constitute a public nuisance.
 - (8) It is a matter of public necessity that the Town of Addison protect those persons residing within or near the buildings

or structures worked upon from the danger posed by such nocturnal activity.

- (4) The provisions and prohibitions hereinafter contained and enacted are in pursuance of and for the morals and general welfare of persons in the Town of Addison.
- (5) There is an immediate and present danger presented by the above described uncontrolled nocturnal activity, creating an emergency.
- (b) Unlawful activity. It shall be unlawful for a person, firm or corporation to excavate, erect, build, construct, alter, repair or demolish any building or structure which has been issued or which is required to be issued a building permit by the Town of Addison between the hours of 7:00 p.m. and 7:00 a.m. Monday through Friday, and between the hours of 7:00 p.m. and 8:00 a.m. on Saturday and Sunday, if such activity is performed within a residential, apartment or townhouse zoned area, or within three hundred (300) feet of an occupied residence, except in cases of urgent necessity or in the interest of public safety and convenience, and then only by permit of the city manager.
- (c) Exception. The provisions of this section shall not apply to city and utility company when engaged in the installation or repair of utility lines situated within such buildings or structures.
- (d) Posting of sign. The owner of the property upon which activity is carried on or the general contractor shall be responsible for the posting of a sign in a clearly visible area at all entrances to construction sites that will state the hours during which construction is allowed. (Ord. No. 084-051, § 1, 7-24-84; Ord. No. 085-040, §§ 1, 2, 6-25-85)

Editor's note—Section 2 of Ord. No. 084-051, adopted July 24, 1984, provided that any person, firm or corporation violating the provisions of this ordinance, codified herein as § 5-37.5, shall upon commission be deemed guilty of a misdemeanor, and shall be subject to a fine not to exceed two hundred dollars (\$200.00). Furthermore, the construction or building permit of a person, firm or corporation may be revoked if said person, firm or corporation continues violating any of the provisions of this § 5-37.5.

APPENDIX



TEXAS SALES AND USE TAX EXEMPTION CERTIFICATE

nest (Street & number, P.C. Box of Route ha	mber)		Ti	Phone (Area code and number)
enteres proprieta de la constitución de la constitu	•	,		
City, Stata, ZIP code				
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, the purchaser named above	, claim an exemption f	rom payment of sales and use	taxes for the pu	rchase of taxable items
described below or on the atta	ached order or invoice i	lotui:	•	
Seller:			·	V
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Street address:		Ch	y, State, ZIP códe	
Description of items to be pure	chased or on the attach	ned order or invoice:		
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Note: This certificate cannot be issued for the purchase, lease or rental of a motor vehicle.

THIS CERTIFICATE DOES NOT REQUIRE A NUMBER TO BE VALID

Sales and Use Tax "Exemption Numbers" or "Tax Exempt" Numbers do not exist.

This certificate should be furnished to the supplier. Do <u>not</u> send the completed certificate to the Comptroller of Public Accounts.

Storm Water Pollution Prevention Plan Building Demolition Only Arapaho Road

Part A - Site Description

Type of Project

The project is the demolition of an existing building and associated parking. This project is necessary due to the alignment of Arapaho Road in Addison, Texas.

Schedule

	Sche	Revised		
Milestone	Start	Finish	Start	Finish
Set up initial controls				
Building demolition			· · · · · · · · · · · · · · · · · · ·	
Demolish west parking				William III
Stabilize west parking area				
Install phase B controls				
Demolish east parking				
Final Site stabilization	******			1

Part B – Existing Conditions Existing Foliage

Type of Grass / Vegetation	Approximate Density	Site Coverage
Bermuda Grass	90	10
Trees	20	10

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112	aina	MA	I YES IN	MATO
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Pre-development Runoff Coefficient (C in Rational Formula)

re-gereichtigte Kuttoff Coefficiete (C in Kattonat

0.90

Post-development Runoff Coefficient

0.40 Addition of roadway will be in a

future phase.

Onsite Systems

Pipe System Present

No

Other Systems Present

There is a substantial drainage channel located on the north and west-side of the property. This channel shall not be significantly impacted by the construction activities. The existing channel lining will remain in place.

Existing Areas of Erosion

Since most of the site consists of structure and pavement, there is little evidence of existing erosion.

Part C - Pollution Prevention Techniques

Project Phasing

Phase	Start	Finish
Phase A		
Phase B		

Vegetative Techniques

Bermuda seed shall be applied as described in Section 49 of the Special Conditions and the Vegetation Construction BMP in this Appendix. Grassed areas will be watered until grass is well established.

Silt Fence

Design capacity for silt fence shall be 3.5 cubic feet per second. As shown on the construction plans, silt fence shall be installed in two phases, A and B.

	Install Date	Remoyal Date
Phase A		
Phase B		

Stabilized Construction Entrance

The existing pavement at the entrance to the site shall remain for the majority of the demolition activities. If this entrance is removed before completion of the demolition activities, a stabilized construction entrance shall be installed.

Waste Management Practices

Solid Waste Management

- Covered, leakproof trash container on-site.
- Dumpster on site.
- Daily site clean up procedures implemented.
- · Timely collection of waste from containers.

Hazardous Waste Management

- Controlled storage facility for paint, thinner and solvents.
- Controlled storage facilities for fertilizer and other chemicals.
- Procedures for handling spills is established and posted on-site.

Hazardous Materials used or found on-site

- Solvents
- Fuels
- Oîls
- Grease
- Roofing Tar
- Pesticides
- Fertilizer

Concrete Waste Management

- Concrete dust and debris resulting from demolition
- Washout areas
- Runoff Treatment

Part D - Contractor / Sub Contractor Certifications

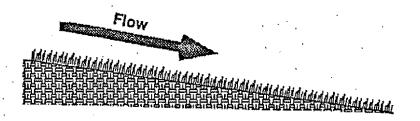
Any contractor or sub contractor responsible for portions of the SWPPP or impacts the efforts of the SWPPP shall sign the following certification prior to providing services at the site.

I certify under penalty of law that I understand the terms an conditions of the general National Pollutant Discharge Elimination System (NPDES) permit that authorizes the storm water discharges associated with industrial activity from the construction site identified as part of this certification.

Signed:	Date:
Name (Printed):	
Title:	
Name of Firm:	
Address:	
City, State, Zip:	
Phone:	·
Nature of Firm's Responsibility:	
Signed:	Date:
,	
Signed:	
Signed:	
Signed: Name (Printed): Title:	
Signed: Name (Printed): Title: Name of Firm:	Date:
Signed: Name (Printed): Title: Name of Firm: Address:	Date:

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Name (Printed):	
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Address:	
City, State, Zip:	-
Phone:	
Nature of Firm's Responsibility:	
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Signed:	Date:
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Name of Firm:	
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City, State, Zip:	•
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Nature of Firm's Responsibility:	

Vegetation



Applications

Perimeter Control

Slope Protection

Sediment Trapping

Channel Protection

Temporary Stabilization

Permanent Stabilization

Waste Management

Housekeeping Practices

DESCRIPTION

Vegetation, as a Best Management Practice, is the sowing of annual grasses, small grains or legumes to provide interim and permanent vegetative stabilization for disturbed areas.

PRIMARY USE

Vegetation is used as a temporary or permanent stabilization technique for areas disturbed by construction but not protected by pavement, building or other structures. As a temporary control, vegetation is used to stabilize stockpiles and barren areas which are inactive for long periods of time. As a permanent control, grasses and other vegetation provide good protection for the soil along with some filtering for overland runoff. Subjected to acceptable runoff velocities, vegetation can provide a good method of permanent storm water management as well as a visual amenity to the site.

Other BMPs may be required to assist in the establishment of vegetation. These other techniques include erosion control matting, swales and dikes to direct flow around newly seeded areas and proper grading to limit runoff velocities during construction.

APPLICATIONS

Vegetative techniques can and should apply to every construction project with few exceptions. Vegetation effectively reduces erosion in swales, stock piles, berms, mild to medium slopes and along roadways. Vegetative strips can provide some protection when used as a perimeter control for utility and site development construction.

In many cases, the initial cost of temporary seeding may be high compared to tarps or covers for stockpiles or other barren areas subject to erosion yet inactive. This initial cost should be weighed with the amount of time the area is to remain inactive, since maintenance cost for vegetated areas is much less than most structural controls.

DESIGN CRITERIA

Surface Preparation

- Interim or final grading must be completed prior to seeding, minimizing all steep slopes.
- Install all necessary erosion structures such as dikes, swales, diversions, etc., prior to seeding.

Targeted Constituents

- Sediment
- Nutrients
 Toxic Materials
- O Oil & Grease
- O Floatable Materials
- O Other Construction Wastes

Implementation Requirements

- O Capital Costs
- Maintenance
- O Training
- Suitability for Slopes >5%

Legend

- Significant impact
- Medium Impact
- O Low Impact
- ? Unknown or

Questionable Impact

Fe = 0.90

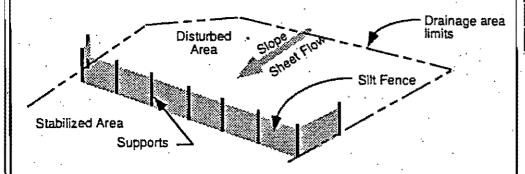
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	Vegetation
 □ Groove or furrow slopes steeper than 3:1 on the contour line before seeding. □ Provide 4-6 inches of topsoil over rock, gravel or otherwise unsuitable soils. □ Seed-bed should be well pulverized, loose and uniform. 	· ·
Plant Selection, Fertilization and Seeding Use only high quality, USDA certified seed. Use an appropriate species or species mixture adapted to local climate, soil conductording to the table on the following page. Consult with the local office Conservation Service (SCS) or Engineering Extension service as necessary for service (SCS).	of the U.S. Soil
species and application technique in this area. Seeding rate should be in accordance with the table on the following page or as the SCS or engineering extension service. Fertilizer shall be applied according to the manufacturer's recommendation with equipment. Typical application rate for 10-10-10 grade fertilizer is 700-1000 l OVER APPLY FERTILIZER. If hydro-seeding is used, do not mix seed and fertilizer more than 30 minutes before the page of the seed using cyclone seeder, seed drill, cultipacker or hydroseeder.	h proper spreader b/acre. DO NOT
 Provide adequate water to aid in establishment of vegetation. Use appropriate mulching techniques where necessary. 	
Vegetation is not appropriate for areas subjected to heavy pedestrian or vehicular traffic technique, vegetation may be costly when compared to other techniques. Vegetation is not appropriate for rock, gravel or coarse grained soils unless 4 to 6 in applied. MAINTENANCE REQUIREMENTS Protect newly seeded areas from excessive runoff and traffic until vegetation is established.	iches of topsoil is
fertilizing schedule will be required as part of the SWPPP to assist in the establishment of	
	-
Specific	ation Section N/A
Detail (C	N/A

Silt Fence



Applications

Perimeter Control

Slope Protection

Sediment Trapping

Channel Protection
Temporary Stabilization
Permanent Stabilization
Waste Management

Housekeeping Practices

DESCRIPTION

A silt fence consists of geotextile fabric supported by poultry netting or other backing stretched between either wooden or metal posts with the lower edge of the fabric securely embedded in the soil. The fence is typically located downstream of disturbed areas to intercept runoff in the form of sheet flow. Silt fence provides both filtration and time for sedimentation to reduce sediment and it reduces the velocity of the runoff. Properly designed silt fence is economical since it can be re-located during construction and re-used on other projects.

PRIMARY USE

Silt fence is normally used as perimeter control located downstream of disturbed areas. It is only feasible for non-concentrated, sheet flow conditions.

APPLICATIONS

Silt fence is an economical means to treat overland, non-concentrated flows for all types of projects. Silt fences are used as perimeter control devices for both site developments and linear (roadway) type projects. They are most effective with coarse to silty soil types. Due to the potential of clogging, silt fence should not be used with clay soil types.

In order to reduce the length of silt fence, it should be placed adjacent to the down slope side of the construction activities.

DESIGN CRITERIA

- Fences are to be constructed along a line of constant elevation (along a contour line) where possible.
- Maximum slope adjacent to the fence is 1:1.
- Maximum distance of flow to silt fence should be 200 feet or less.
- Maximum concentrated flow to silt fence shall be I CFS per 20 feet of fence.
- If 50% or less of soil, by weight, passes the U.S. Standard sieve No.
 200, select the equivalent opening size (E.O.S.) to retain 85% of the soil.
- Maximum equivalent opening size shall be 70 (#70 sieve).
- Minimum equivalent opening size shall be 100 (#100 sieve).
- If 85% or more of soil, by weight, passes the U.S. Standard sieve No. 200, silt fences shall not be used due to potential clogging.

Targeted Constituents

- Sediment
- O Nutrients Toxic Materials
- O Oil & Grease
- Floatable Materials
- O Other Construction Wastes

Implementation Regulrements

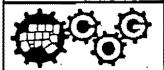
- □ Capital Costs
- Maintenance
- Training
- Suitability for Slopes >5%

Legend

- Significant Impact
- Medium-Impact
- O Low Impact
- ? Unknown or Questionable Impact

Fe = 0.75

S-1



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- Sufficient room for the operation of sediment removal equipment—shall be provided between the silt fence and other obstructions in order to properly maintain the fence.
- The ends of the fence shall be turned upstream to prevent bypass of stormwater.

LIMITATIONS

Minor ponding will likely occur at the upstream side of the silt fence resulting in minor localized flooding.

Fences which are constructed in swales or low areas subject to concentrated flow may be overtopped resulting in failure of the filter fence. Silt fences subject to areas of concentrated flow (waterways with flows > 1 cfs) are not acceptable.

Silt fence can interfere with construction operations, therefore planning of access routes onto the site is critical.

Silt fence can fail structurally under heavy storm flows, creating maintenance problems and reducing the effectiveness of the system.

MAINTENANCE REQUIREMENTS

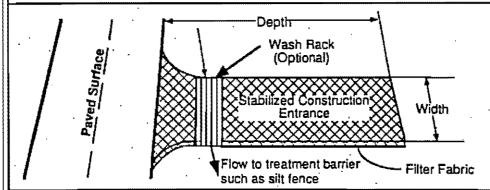
Inspections should be made on a weekly basis, especially after large storm events. If the fabric becomes clogged, it should be cleaned or if necessary, replaced.

Sediment should be removed when it reaches approximately one-half the height of the fence.

Specification Section B

Detail ID 2020

Stabilized Construction Entrance



Applications

Perimeter Control

Slope Protection

Sediment Trapping

Channel Protection

Temporary Stabilization

Permanent Stabilization

Waste Management

Housekeeping Practices

DESCRIPTION

A stabilized construction entrance consists of a pad consisting of gravel, crushed stone, recycled concrete or other rock like material on top of geotextile filter cloth to facilitate the wash down and removal of sediment and other debris from construction equipment prior to exiting the construction site. For added effectiveness, a wash rack area can be incorporated into the design to further reduce sediment tracking. For long term projects, cattle guards or other type of permanent rack system can be used in conjunction with a wash rack. This directly addresses the problem of silt and mud deposition in roadways used for construction site access.

PRIMARY USE

Stabilized construction entrances are used primarily for sites in which significant truck traffic occurs on a daily basis. It reduces the need to remove sediment from streets. If used properly, it also directs the majority of traffic to a single location, reducing the number and quantity of disturbed areas on the site and providing protection for other structural controls through traffic control.

APPLICATIONS

Stabilized construction entrances are a required part of the erosion control plan for all site developments larger than 5 acres and a recommended practice for all construction sites. It is not suitable for long, linear projects. If possible, small entrances should be incorporated into small lot construction due to the large percentage of disturbed area on the site and the high potential for offsite tracking of silt and mud.

DESIGN CRITERIA

- Stabilized construction entrances are to be constructed such that drainage across the entrance is directed to a controlled, stabilized outlet on site with provisions for storage proper filtration and removal of wash water.
- ☐ The entrance must be properly graded so that storm water is not allowed to leave the site and enter roadways.
- Minimum width of entrance shall be 15 feet, but in no case shall the width be less than that of the entry way to be used.
- Minimum depth of entrance shall be 8 inches for the entire length of the control.

Targeted Constituents

- Sediment
- O Nutrients Toxic Materials
- O Oil & Grease
- O Floatable Materials
- O Other Construction Wastes

implementation Requirements

- Capital Costs
- Maintenance
- O Training
- O Suitability for Slopes >5%

Legend

- Significant Impact
- Medium Impact
- O Low Impact
- ? Unknown or

Questionable Impact

Fe = N/A

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Stabilized Construction Entrance

Minimum dimensions for the entrance shall be as follows:

Tract Area	Avg. Lot Depth	Min. Width of Entrance	Min. Depth of Entrance
<1 Acre	100 feet	15 feet	20 feet
< 5 Acres	: 200 feet	20 feet	30 feet
< 10 Acres	> 200 feet	20 feet	40 <u>f</u> eet
> 10 Acres	> 200 feet	25 feet	50 feet

LIMITATIONS

Selection of the construction entrance location is critical in that to be effective, it must be used exclusively.

Stabilized entrances are rather expensive considering that it must be installed in combination with one or more other sediment control techniques, but it may be cost effective compared to labor intensive street cleaning.

MAINTENANCE REQUIREMENTS

Inspections should be made on a regular basis and after large storm events in order to ascertain whether or not sediment and pollution are being effectively detained on site.

When sediment has substantially clogged the void area between the rocks, the aggregate mat must be washed down or replaced.

Periodic re-grading and top dressing with additional stone must be done to keep the efficiency of the entrance from diminishing.

Specification Section
G
Detail ID 2070

Solid Waste Management

DESCRIPTION

Large volumes of solid waste are often generated at construction sites including: packaging, pallets, wood waste, concrete waste, soil, electrical wiring, cuttings, and a variety of other materials. The solid waste management practice lists techniques to minimize the potential of storm water contamination from solid waste through appropriate storage and disposal practices.

PRIMARY USE

These practices should be a part of all construction practices. By limiting the trash and debris on site, storm water quality is improved along with reduced clean up requirements at the completion of the project.

APPLICATIONS

The solid waste management practice for construction sites is based on proper storage and disposal practices by construction workers and supervisors. Key elements of the program are education and modification of improper disposal habits. Cooperation and vigilance is required on the part of supervisors and workers to ensure that the recommendations and procedures are followed. Following are lists describing the targeted materials and recommended procedures:

Targeted Solid Waste Materials

Paper and cardboard containers Plastic packaging Styrofoam packing and forms Insulation materials (non-hazardous) Wood pallets Wood cuttings Pipe and electrical cuttings Concrete, brick, and mortar waste Shingle cuttings and waste Roofing tar Steel (cuttings, nails, rust residue) Gypsum board cuttings and waste Sheathing cuttings and waste Miscellaneous cutting and waste Food waste Demolition waste

Storage Procedures

- Wherever possible, minimize production of solid waste materials.
- Designate a foreman or supervisor to oversee and enforce proper solid waste procedures.
- Instruct construction workers in proper solid waste procedures.
- O Segregate potentially hazardous waste from non-hazardous construction site debris.
- Keep solid waste materials under cover in either a closed dumpster or other enclosed trash container that limits contact with rain and runoff.
- Store waste materials away from drainage ditches, swales and catch basins.

Applications

Perimeter Control

Slope Protection

Sediment Trapping

Channel Protection

Temporary Stabilization

Permanent Stabilization

Waste Management

Housekeeping Practices

Targeted Constituents

- O Sediment
- Nutrients
 Toxic Materials
- O Oil & Grease
- Floatable Materials
- Other Construction Wastes

Implementation Requirements

- Capital Costs
- Maintenance
- Training
- O Suitability for Slopes >5%

Legend

- Significant Impact
- Medium Impact
- O Low Impact
- ? Unknown or
 - Questionable Impact

W-1



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-	*****		Solid W	aste Mar	agement
		** · · · · · · · · · · · · · · · · · ·		**	•
	٥٥٥٥٥٠	Do not allow trash containers to overflow. Do not allow waste materials to accumulate on the ground. Prohibit littering by workers and visitors. Police site daily for litter and debris. Enforce solid waste handling and storage procedures.			
	Disposa	l Procedures			-
	o `	If feasible, segregate recyclable wastes from non-recycla properly: General construction debris may be hauled to a licensed cor expensive than a sanitary landfill). Use waste facilities approved by local jurisdiction. Runoff which comes into contact with unprotected waste sha such as silt fence to remove debris.	nstruction del	oris landfill (ty	pically less
	Education	n y	* ·		
		Educate all workers on solid waste storage and disposal proc Instruct workers in identification of solid waste and hazardo Have regular meetings to discuss and reinforce disposal pro- seminars).	us waste.	orporate in re	gular safety
	a .	Clearly mark on all solid waste containers which materials as	re acceptable.		•
	Quality	Control Foreman and/or construction supervisor shall monitor on procedures. Discipline workers who repeatedly violate procedures.	-site solid wa	iste storage ai	nd disposal
	Requires	Job-site waste handling and disposal education and awarene Commitment by management to implement and enforce Soli Compliance by workers. Sufficient and appropriate waste storage containers. Timely removal of stored solid waste materials. Possible modest cost impact for additional waste storage con Small cost impact for training and monitoring Minimal overall cost impact.	d Waste Man	agement Prog	ram.
	LIMITA			•	•
	Only ac	ddresses non-hazardous solid waste. rt of a comprehensive construction site management program.	•	* 3	·
			[5	Specification Sec	ction I/A
				Detail ID	I/A
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Hazardous Waste Management

DESCRIPTION

The hazardous waste management BMP addresses the problem of storm water polluted with hazardous waste through spills or other forms of contact. The objective of the Management Program is to minimize the potential of stormwater contamination from common construction site hazardous wastes through appropriate recognition, handling, storage and disposal practices.

It is not the intent of this Management Program to supersede or replace normal site assessment and remediation procedures. Significant spills and/or contamination warrant immediate response by trained professionals. Suspected job-site contamination should be immediately reported to regulatory authorities and protective actions taken. The General Permit requires reporting of significant spills to the National Response Center (NRC) at (800) 424-8802.

PRIMARY USE

These management practices along with applicable OSHA and EPA guidelines should be incorporated at all construction sites which use or generate hazardous wastes. Many wastes such as fuel, oil, grease, fertilizer and pesticide are present at most construction sites.

INSTALLATION, APPLICATION AND DISPOSAL CRITERIA

The hazardous waste management techniques presented here are based on proper recognition, handling, and disposal practices by construction workers and supervisors. Key elements of the management program are education, proper disposal practices, as well as provisions for safe storage and disposal. Following are lists describing the targeted materials and recommended procedures:

Targeted Hazardous Waste Materials

Paints

Solvents

Stains

Wood preservatives

Cutting oils

Greases

Roofing tar

Pesticides

Fuels & lube oils

Lead based paints (Demolition)

Storage Procedures

- Wherever possible, minimize use of hazardous materials.
- Minimize generation of hazardous wastes on the job-site.
- O Segregate potentially hazardous waste from non-hazardous construction site debris.
- Designate a foreman or supervisor to oversee hazardous materials handling procedures.
- Keep liquid or semi-liquid hazardous waste in appropriate containers (closed drums or similar) and under cover.
- Store waste materials away from drainage ditches, swales and catch

Applications

Perimeter Control
Siope Protection
Sediment Trapping
Channel Protection
Temporary Stabilization

Permanent Stabilization
Waste Management

Housekeeping Practices

Targeted Constituents

- O Sediment
- Nutrients
 Toxic Materials
- Oil & Grease
- O Floatable Materials
- Other Construction Wastes

Implementation Requirements

- Capital Costs
- Maintenance
- Training
- O Suitability for Slopes >5%

Legend

- Significant impact
- Medium Impact
- O Low Impact
- ? Unknown or

Questionable Impact

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Hazardous Waste Management

•	*
basins. Use containment berms in fueling and maintenance areas and where the Ensure that adequate hazardous waste storage volume is available. Ensure that hazardous waste collection containers are conveniently located Do not allow potentially hazardous waste materials to accumulate on the Enforce hazardous waste handling and disposal procedures. Clearly mark on all hazardous waste containers which materials are acceptable.	ed. ground.
Disposal Procedures Regularly schedule hazardous waste removal to minimize on-site storage Use only reputable, licensed hazardous waste haulers.	e.
Education ☐ Instruct workers in identification of hazardous waste ☐ Educate workers of potential dangers to humans and the environment from Instruct workers on safety procedures for common construction site hazardous to Educate all workers on hazardous waste storage and disposal procedures ☐ Have regular meetings to discuss and reinforce identification, handling (incorporate in regular safety seminars) ☐ Establish a continuing education program to indoctrinate new employees	ardous wastes s g and disposal procedures
Quality Assurance ☐ Foreman and/or construction supervisor shall monitor on-site hazar disposal procedures. ☐ Educate and if necessary, discipline workers who violate procedures. ☐ Ensure that the hazardous waste disposal contractor is reputable and lice	
Requirements I Job-site hazardous waste handling and disposal education and awareness. Commitment by management to implement hazardous waste management Compliance by workers. Sufficient and appropriate hazardous waste storage containers. Timely removal of stored hazardous waste materials. Costs Possible modest cost impact for additional hazardous storage containers. Small cost impact for training and monitoring.	ent practices.
Potential cost impact for hazardous waste collection and disposal by lie depends on type of material and volume. LIMITATIONS This practice is not intended to address site-assessments and pre-existing contamination. Major contamination, large spills and other serious hazardous waste incidents require immediate response from specialists. Demolition activities and potential pre-existing materials, such as asbestos, are not addressed by this program. Site specific information on plans is necessary. Contaminated soils are not addressed.	Specification Section N/A Detail ID N/A
One part of a comprehensive construction site waste management program.	

Concrete Waste Management

DESCRIPTION

Concrete waste at construction sites comes in two forms; 1) excess fresh concrete mix including truck and equipment washing, and 2) concrete dust and concrete debris resulting from demolition. Both forms have the potential to impact water quality through storm water runoff contact with the waste.

PRIMARY USE

Concrete waste is present at most construction sites. This BMP should be utilized at sites in which concrete waste is present.

APPLICATIONS

A number of water quality parameters can be affected by introduction of concrete - especially fresh concrete. Concrete affects the pH of runoff, causing significant chemical changes in water bodies and harming aquatic life. Suspended solids in the form of both cement and aggregate dust are also generated from both fresh and demolished concrete waste.

Current Unacceptable Waste Concrete Disposal Practices

- Dumping in vacant areas on the job-site
- D Illicit dumping off-jobsite
- Dumping into ditches or drainage facilities

Recommended Disposal Practices

- Avoid unacceptable disposal practices listed above.
 - Develop pre-determined, safe concrete disposal areas.
- Provide a washout area with a minimum of 6 cubic feet of containment area volume for every 10 cubic yards of concrete poured.
- Never dump waste concrete illicitly or without property owners knowledge and consent.
- Treat runoff from storage areas through the use of structural controls as required.

Education

- O Drivers and equipment operators should be instructed on proper disposal and equipment washing practices (see above).
- Supervisors must be made aware of the potential environmental consequences of improperly handled concrete waste.

Enforcement

- The construction site manager or foreman must ensure that employees and pre-mix companies follow proper procedures for concrete disposal and equipment washing.
- D Employees violating disposal or equipment cleaning directives must be re-educated or disciplined if necessary.

Demolition Practices

- Monitor weather and wind direction to ensure concrete dust is not entering drainage structures and surface waters.
- Where appropriate, construct sediment traps or other types of sediment detention devices downstream of demolition activities.

Applications

- Perimeter Control
- Slope Protection
- Sediment Trapping
- Channel Protection
- Temporary Stabilization
- Permanent Stabilization

Waste Management

Housekeeping Practices

Targeted Constituents

- O Sediment
- O Nutrients Toxic Materials
- O Oil & Grease
- O Floatable Materials
- Other Construction Wastes

Implementation - Requirements

- Capital Costs
- Maintenance
- Training
- O Suitability for Slopes >5%

Legend

- Significant Impact
- Medium Impact
- O Low Impact
- ? Unknown or

Questionable Impact

W-3



North Central Texas
Council of Governments

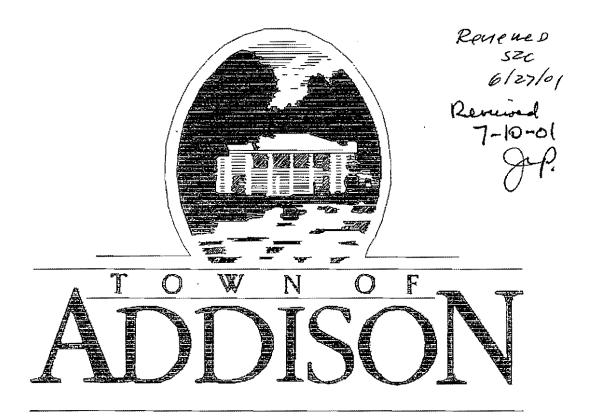
ethol 4 - Odlish delicit Divil 3		
Concrete \	Waste Mana	gement
	*** *** .	
		э
Requirements Use pre-determined disposal sites for waste concrete. Prohibit dumping waste concrete anywhere but pre-determined areas. Assign pre-determined truck and equipment washing areas. Educate drivers and operators on proper disposal and equipment cleaning	g procedures.	2
Costs Minimal cost impact for training and monitoring. Concrete disposal cost depends on availability and distance to suitable disposal costs involved in equipment washing could be significant.	sposal areas	
LIMITATIONS		
This concrete waste management program is one part of a comprehensive management program.	construction site	e waste
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	Specification Section N/	A
	Detail ID N/	A
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Gille acceptant Americanian Americanian Park

TOWN OF ADDISON

CONSTRUCTION SPECIFICATIONS AND CONTRACT DOCUMENTS

NILE PROPERTIES DEMOLITION



HNTB Corporation

14114 Dallas Parkway, Suite 630 Dallas, TX 75240 June, 2001

PRELIMINARY-95% COMPLETE SET

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Section GP General Provisions

Section SP Special Provisions

Section T Technical Specifications

Appendix Sample of Texas Sales Tax Exemption Certificate

- ☐ Stormwater Pollution Prevention Plan
- "Standard Specifications for Public Works Construction, Third Edition, North Central Texas Council of Governments (Separate document not furnished).

SECTION AB

ADVERTISEMENT FOR BIDS

ADVERTISEMENT FOR BIDS

and restoration

- 1. Sealed bids addressed to the Town of Addison, Texas, for the Building Demolition, Pavement Removal, and Grading for the NILE PROPERTIES DEMOLITION for the Town of Addison, Texas, hereinafter called "Town", in accordance with the plans, specifications and contract documents prepared by HNTB Corporation, will be received at the office of Minok Suh, Purchasing Coordinator, Finance Building, 5350 Belt Line Road, Addison, Texas until 2:00 p.m. on the __th day of _____, 2001. Bids received by the appointed time will be opened and read aloud. Any bids received after closing time will be returned unopened.
- 2. The contractor shall identify his bid on the outside of the envelope by writing the words NILE PROPERTIES DEMOLITION.
- 3. Bids shall be accompanied by a cashier's check or certified check upon a national or state bank in an amount not less than five percent (5%) of the total maximum bid price payable without recourse to the Town of Addison, or a bid bond in the same amount from a reliable surety company licensed by the State of Texas to act as a Surety, or a Binder of Insurance executed by a surety company licensed by the State of Texas to act as a surety or its authorized agent as a guarantee that the bidder will enter into a contract and execute a Performance Bond within three (3) business days after notice of award of contract to him.
- 4. Plans, specifications and bidding documents may be secured beginning at 9:00 A.M.

 day, _____ th, 2001 from Minok Suh Purchasing Coordinator; Finance Building,
 5350 Belt Line Road, Addison, Texas. The first set will be available at no charge and any
 additional sets may be obtained for a non-refundable sum of \$20.00 per set.
- 5. The right is reserved by the Mayor and the Town Council as the interest of the Town may require to reject any or all bids and to waive any informality in bids received.
- 6. The Bidder (Proposer) must supply all the information required by the Proposal Form.
- 7. A Performance Bond, Labor and Material Payment Bond, and Maintenance Bond will be required by the Owner; each Bond shall be in the amount of 100% of the total contract amount. Bonds shall be issued by a surety company licensed by the State of Texas to act as a Surety. The performance and payment bonds shall name the Town of Addison as obligee (or such other entities as may be designated at the time a contract is executed).
- 8. For information on bidding or to secure bid documents, call Minok Suh, (972) 450-7091. For information on the work to be performed, call Steven Z. Chutchian, P.E., Assistant City Engineer, (972) 450-2886 or Jerry D. Holder, Jr., P.E., HNTB Corporation, (972) 661-5626.
- 9. This project consists of providing Building Demolition, Pavement Removal, and Grading and as shown on the plans and in accordance with these specifications.
- 10. A Pre-Bid Meeting will be held at _____:00 p.m. on ______day, ______th, 2001 at the Addison Service Center, 16801 Westgrove Drive, Addison, Texas 75001, 972-450-2871. All bidders are <u>required</u> to attend. A one-hour tour of the building to be demolished will be conducted at this time to allow the contractors to evaluate the structure.

SECTION IB

INSTRUCTION TO BIDDERS

restration

SECTION AB INSTRUCTIONS TO BIDDERS

A. PROJECT: NILE PROPERTIES DEMOLITION, in the Town of Addison.

The bids will be evaluated as stated in Section "O" of the instructions to Bidders.

- B. PROJECT DESCRIPTION: This project consists of Building Demolition, Pavement Removal, and Grading as shown on the plans and in accordance with these specifications.
- C. PROPOSALS: Proposals must be in accordance with these instructions in order to receive consideration.
- D. DOCUMENTS: Documents include the Bidding Requirements, including the Advertisement for Bids, these Instructions to Bidders, Proposal Forms, Contract Agreement, General Provisions, Special Provisions, Technical Specifications, Drawings, and Addenda which may be issued by the Consultant during the bidding period. Bidding Documents may be viewed and/or obtained under the terms and conditions set forth in the Advertisement for Bids, Section AB of this Project Manual.
- E. EXAMINATION OF DOCUMENTS AND SITE: Bidders shall carefully examine the Bidding Documents and the construction site to obtain first-hand knowledge of the scope and the conditions of the Work. Each Contractor, Subcontractor and Sub-subcontractor, by submitting a proposal to perform any portion of the Work, represents and warrants that he has examined the Drawings, Specifications (Project Manual) and the site of the Work, and from his own investigation has satisfied himself as to the scope, accessibility, nature and location of the Work; the character of the equipment and other facilities needed for the performance of the Work; the character and extent of other work to be performed; the local conditions; labor availability, practices and jurisdictions and other circumstances that may affect the performance of the Work. No additional compensation will be allowed by the Owner for the failure of such Contractor, Subcontractor or Sub-subcontractor to inform himself as to conditions affecting the Work.
- F. INTERPRETATION OF DOCUMENTS: If any person contemplating submitting a bid for the proposed Contract is in doubt as to the meaning of any part of the Drawings, Specifications (Project Manual) or other proposed Contract Documents, he may submit to the Consultant, not later than seven (7) calendar days prior to the date set for opening bids, a written request for an interpretation or clarification. Bidders should act promptly and allow sufficient time for a reply to reach them before preparing their bids. Any interpretation or clarification will be in the form of an Addendum duly issued. No alleged verbal interpretation or ruling will be held binding upon the Owner.
- G. SUBSTITUTIONS: Conditions governing the submission of substitutions for specific materials, products, equipment and processes are in the Special Provisions. Requests for substitutions must be received by the Consultant seven (7) calendar days prior to the established bid date.
- H. ADDENDA: Interpretations, clarifications, additions, deletions and modifications to the Documents during the bidding period will be issued in the form of Addenda and a copy of such Addenda will be mailed, faxed or delivered to each person who has been issued a set of the Bidding Documents. Addenda will be a part of the Bidding Documents and the Contract

Town does not pay takes -

Documents, and receipt of them shall be acknowledged in the Bid Form. All such interpretations and supplemental instructions will be in the form of written addenda to the contract documents which, if issued, will be sent by telegram, certified or registered mail, or hand delivered to all prospective bidders (at the respective addresses furnished for such purposes) not later than three (3) calendar days prior to the date fixed for the opening of bids. If any bidder fails to acknowledge the receipt of such addenda in the space provided in the bid form, his bid will nevertheless be construed as though the receipt of such addenda had been acknowledged.

- I. COMPLETION TIME: A reasonable completion time has been established by the Owner and is described in more detail in Section 'Q'- CONSTRUCTION SCHEDULE.
- J. PREPARATION OF BIDS: Prices quoted shall include all items of cost, expense, taxes, fees and charges incurred by, or arising out of, the performance of the work to be performed under the Contract. Bids shall be submitted in duplicate and shall be signed in ink. Any bid on other than the required form will be considered informal and may be rejected. Erasures or other changes in a bid must be explained or noted over the initials of the bidder. Bids containing any conditions, omissions, unexplained erasures and alterations, or irregularities of any kind may be rejected as informal. The prices should be expressed in words and figures or they may be deemed informal and may be rejected. In case of discrepancy between the prices written in the bid and those given in the figures, the price in writing will be considered as the bid. Failure to submit all requested information will make a bid irregular and subject to rejection. Bids shall be signed with name typed or printed below signature, and, if a partnership, give full name of all partners. Where bidder is a corporation, bids must be signed with the legal name of the corporation followed by the name of the state of incorporation and the legal signature of an officer authorized to bind the corporation to a contract.
- K. SUBMITTAL OF BIDS: Sealed proposals will be received at the time, date and place stated in the Advertisement for Bids. Proposals shall be made on unaltered Proposal Forms furnished by the Consultant. Submit proposal in an opaque, sealed envelope addressed to the Owner and plainly mark on the outside of the envelope the project name, and the name and address of the bidder. The envelopes shall be marked with the following project names:

Nile Properties Demolition

The Bid Bond must be completed and signed by each bidder and submitted with the bid. Submit Bids by mail or in person prior to the time for receiving bids set forth in the Advertisement for Bids issued by the Town.

- L. MODIFICATION AND WITHDRAWAL OF BIDS: Prior to the time set for bid opening, bids may be withdrawn or modified. Bids may be modified only on the official bid form and must be signed by a person legally empowered to bind the bidder. No bidder shall modify, withdraw or cancel his bid or any part thereof for sixty (60) calendar days after the time agreed upon for the receipt of bids.
- M. DISQUALIFICATION: The Owner reserves the right to disqualify proposals, before or after the opening, upon evidence of collusion with intent to defraud or other illegal practices relating to this proposal upon the part of the bidder.

3 days not small etc. to days ok

- N. SUBMISSION OF POST-BID INFORMATION: Upon notification of acceptance, the selected bidder shall, within five (5) calendar days, submit the following:
 - 1. A designation of the portions of the Work proposed to be performed by the bidder with his own force.
 - 2. A list of names of the subdontractors or other persons or organizations, including those who are to furnish materials and equipment fabricated to a special design proposed for such portions of the Work as may be designated in the Bidding Documents or as may be requested by the Consultant. The bidder will be required to establish to the satisfaction of the Owner and the Consultant the reliability and responsibility of the proposed Subcontractors and suppliers to furnish and perform the Work.
- O. AWARD: The Owner reserves the right to accept any or to reject any bids without compensation to bidders and to waive irregularities and informalities.

The Consultant, in making his recommendation, will consider the following elements:

1. Whether the bidder is a contractor with experience in the type of work involved.

2. Whether the bidder has adequate plant, equipment and personnel to perform the work properly and expeditiously.

3. Whether the bidder has a suitable financial status and reputation for meeting obligations incident to work of the kind specified.

Alternate items may or may not be awarded. Addition or deletion of other items or schedules will be governed by NCTCOG, Item 1.37 "Change or Modification of Contract".

- P. EXECUTION OF THE CONTRACY: The successful bidder will be required to enter into a contract with the Owner within three (3) business in the Bidder street ways days of notice by the Owner that his bid has been accepted. Failure to enter into a contract within the established time limit shall be considered grounds for forfeiture of the bid bond.
- Q. CONSTRUCTION SCHEDULE: It is the Owner's desire to have the project completed and operational in as short a time as possible. The number of calendar days for completion of the project will begin with the date specified in the Notice to Proceed. The Notice to Proceed will be issued in a manner to facilitate a smooth construction of the project. The Contractor shall begin construction within five (5) calendar days of the issuance of the Notice to Proceed."

In no instance shall the number of calendar days for completion of the work measured from the 'Notice To Proceed' exceed 75 calendar days.

R. LIQUIDATED DAMAGES: The time of completion is of the essence for this contract. Not withstanding any other provision of the Documents comprising the construction contract for the Nile Properties Demolition project, for each calendar day that any work shall remain uncompleted after the time specified as described in the "Instruction To Bidders, Section "Q", Construction Schedule", proposal and the contract, or the increased time granted by the Owner, or as equitably increased by additional work or materials ordered after the contract is

signed, the sum per day given in the following schedule shall be deducted from the monies due the Contractor:

\$500 per Calendar Day

The sum of money thus deducted for such delay, failure or non-completion is not to be considered as a penalty, but shall be deemed, taken and treated as reasonable liquidated damages, per calendar day that the Contractor shall be in default after the time stipulated in the contract for completing the work. The said amounts are fixed and agreed upon by and between Owner and Contractor because of the impracticability and extreme difficulty of fixing and ascertaining the actual damages the Owner in such event would sustain; and said amounts are agreed to be the amounts of damages which the Owner would sustain and which shall be retained from the monies due, or that may become due, the Contractor under this contract; and if said monies be insufficient to cover the amount owing, then the Contractor or his surety shall immediately pay any additional amounts due. If the Contractor finds it impossible, for reasons beyond his control, to complete the work within the contract time as specified, the Contractor may make a written request for an extension of time in accordance with the General Provisions. In the case of any conflict, the terms of this paragraph regarding liquidated damages shall control.

- **S. FORM OF CONTRACT:** The contract for the construction of the project will be drawn up by the Owner. A sample form of agreement is included in the Contract Agreement Section.
- T. BONDS: A Performance Bond, a Labor and Material Payment Bond and a Maintenance Bond will be required by the Owner. The performance and payment bonds shall name the Town of Addison, and others as directed by the Town, as joint obligees. Sample forms have been included in the Performance Bond, Payment Bond and Maintenance Bond sections. (Contractor shall confirm the legal names of obligees prior to execution of Bonds.)
- U. BID SECURITY: Bids shall be accompanied by a cashier's check or certified check upon a national or state bank in an amount not less than five percent (5%) of the total maximum bid price payable without recourse to the Town of Addison, or a bid bond in the same amount from a reliable surety company licensed to do business in the State of Texas as a guarantee that the bidder will enter into a contract and execute a Performance Bond and Payment Bond within ten (10) calendar days after notice of award of contract to him. Such checks or bid bonds will be returned to all except the three lowest bidders within three (3) days after the opening of bids, and the remaining checks or bid bonds will be returned promptly after the Owner has made an award of contract, or, if no award has been made within thirty (30) calendar days after the date of the opening of bids, upon demand of the bidder at any time thereafter, so long as he has not been notified of the acceptance of his bid.
- V. RESOLUTIONS: If the bidder is a corporation, a copy of the resolution empowering the person submitting the bid to bind the bidder must be included with the bid.
- W. CONSTRUCTION STAKING: Construction staking will not be provided by the Owner. Benchmarks and Horizontal Control are shown on the plans. There is no separate bid item for staking, therefore, the contractor must include value for staking in his bid.
- X. FINAL PAYMENT: The general provisions for Final Payment shall be as stated in Item 1.51.4 of the North Central Texas Standard Specifications for Public Works Construction (3rd Edition) including all Amendments and Additions. Prior to final payment the Contractor shall provide the Owner with the following items:

- 1. A Contractor's Affidavit of Bills Paid in accordance with Section BP.
- 2. A Consent of Surety Company to Final Payment.
- 3. A complete set of record plans which indicate all construction variations from the original construction documents in accordance with Item 5 of the Special Provisions.
- 4. A(two (2) year Maintenance Bond in accordance with Section MB.
- Y. PREVAILING WAGE RATES: Wage rates paid on this project shall not be less than specified in the schedule of general prevailing rates of per diem wages as attached in the Special Provisions.

I year ok?

SECTION PF

PROPOSAL FORM

SECTION PF PROPOSAL FORM

, 20
TO: The Honorable Mayor and Town Council
Town of Addison, Texas
Gentlemen:
The undersigned bidder, having examined the plans, specifications and contract documents, and the location of the proposed work, and being fully advised as to the extent and character of the work, proposes to furnish all equipment and to perform labor and work necessary for completion of the work described by and in accordance with the Plans, Specifications and Contract for the following prices, to wit:
Signed By:
ACKNOWLEDGEMENT OF ADDENDA:
The Bidder acknowledges receipt of the following addenda:
Addendum No. 1 Dated:
Addendum No. 2 Dated:
Addendum No. 3 Dated:
Addendum No. 4 Dated:
Addendum No. 5 Dated:
Addendum No. 6 Dated;

PROPOSAL FORM

Place
Date
Proposal of
organized and existing under the laws of the State of
OR
Proposal of,
a partnership consisting of
and
OR
Proposal of,
an individual trading as
Sealed bids addressed to the Town of Addison, Texas, for the Building Demolition, Pavemen Removal, and Grading for the NILE PROPERTIES DEMOLITION for the Town of Addison Texas, hereinafter called "Town", in accordance with the plans, specifications and contract documents prepared by HNTB Corporation, will be received at the office of Minok Suh Purchasing Coordinator, Finance Building, 5350 Belt Line Road, Addison, Texas until 2:00 p.m on the
Documents at and for the following lump sum price:
COMPLETED PROJECT: \$
WRITTEN IN WORDS:
The undersigned Bidder agrees to begin work within five (5) calendar days after the Notice to Proceed is issued and complete the work within seventy-five (75) calendar days.
PF-3 (O

The undersigned Bidder agrees that this lafter the opening of the bids.	bid may not be withdrawn for a period of sixty (60) days
In submitting this bid, it is understood by Town of Addison to reject any and all bid	y the undersigned Bidder that the right is reserved by the ds.
Name of Bidder	
By:	
(Signature)	
(Print Name and Title)	
Witness:	
(Signature)	
(Office Address of Bidder)	
Bidder's Tax I.D. No. or Employer No.	
SEAL (If Bidder is a Corporation)	NOTES: Sign in ink. Do not detach

SECTION CA

CONTRACT AGREEMENT

SECTION CA CONTRACT AGREEMENT

Remove Substantial Per Stove C.

STATE OF TEXAS

COUNTY OF DALLAS

THIS AGREEMENT is made and entered into this day of, 20, by and between the Town of Addison, of the County of Dallas and State of Texas, acting through its Mayor, thereunto duly authorized so to do, Party of the First Part, hereinafter termed the OWNER, and, of the City of, County of, State of, State of, County of, State of, State of, State of, State of, State of, State of
, Party of the Second Part, hereinafter termed CONTRACTOR.
WITNESSETH: That for and in consideration of the payment and agreement hereinafter mentioned, to be made and performed by the OWNER, the said CONTRACTOR hereby agrees with the said OWNER to commence and complete construction of certain improvements as follows: Nile Properties Demolition
Mie Froper des Demondon
and all extra work in connection therewith, under the terms as stated in the General and Specific Provisions of the AGREEMENT; and at his own proper cost and expense to furnish all the materials, supplies, machinery, equipment, tools, superintendence, labor, insurance and other accessories and services necessary to complete the said construction, in accordance with the conditions and prices stated in the Proposal attached hereto and in accordance with the Advertisement for Bids. Instructions to Bidders, General Provisions. Special Provisions. Plans, and other drawings and printed or written explanatory matter thereof, and the Technical Specifications and Addenda thereto, as prepared by the OWNER, each of which has been identified by the endorsement of the CONTRACTOR and the OWNER thereon, together with the CONTRACTOR's written Proposal and the General Provisions, all of which are made a part hereof and collectively evidence and constitute the entire AGREEMENT.
The CONTRACTOR hereby agrees to commence work within five (5) calendar days after the date of written notice to do so shall have been given to him, and to substantially complete the work within 50 calendar days after he commences work standard somplete all work within 50 days after he commences work; subject to such extensions of time as are provided by the General Provisions.
The OWNER agrees to pay the CONTRACTOR \$ in current funds for the
performance of the Contract in accordance with the Proposal submitted thereof, subject to

of account thereof as provided thereir	d in the General Provisions, and to make payments 1.
IN WITNESS THEREOF, the parties in the year and day first above writter	of these presents have executed this AGREEMENT
TOWN OF ADDISON (OWNER)	ATTEST:
BY:	City Secretary
	Party of the Second Part (CONTRACTOR)
ATTEST:	
	Ву:
The following to be executed if the C	ONTRACTOR is a corporation:
CONTRACTOR herein; that behalf of the CONTRACTOR is corporation; that said Niles Properties	y that I am the secretary of the corporation named as, who signed this Contract on s the of saides Demolition Contract was duly signed for and in ty of its governing body, and is within the scope of
	Signed:
Corporate Seal	
	of account thereof as provided therein IN WITNESS THEREOF, the parties in the year and day first above writter TOWN OF ADDISON (OWNER) BY: The following to be executed if the C I,, certif CONTRACTOR herein; that behalf of the CONTRACTOR i corporation; that said Niles Propertie behalf of said corporation by authori its corporate powers.

SECTION PrB

PERFORMANCE BOND

SECTION PrB PERFORMANCE BOND

STATE OF TEXAS	
COUNTY OF DALLAS	Date Bond Executed:
PRINCIPAL:	
SURETY:	·
	nd figures):
DATE OF CONTRACT:	
TAION ALL MENDY TYPES DESCRIPTION	d a d DDDIODAL 10IDETY 1

KNOW ALL MEN BY THESE PRESENTS, that we, the PRINCIPAL and SURETY above named, are held firmly bound unto The Town of Addison, Texas, hereinafter called the OWNER, in the penal sum of the amount stated above, for the payment of which sum and truly to be made, we bind ourselves, our heirs, executors, administrators and successors, jointly and severally, firmly by these presents.

THE CONDITIONS OF THIS OBLIGATION ARE SUCH that, whereas the PRINCIPAL entered into a certain Contract with the OWNER, numbered and dated as shown above and attached hereto;

NOW THEREFORE, if the PRINCIPAL shall well and truly perform and fulfill all the undertakings, covenants, terms, conditions and agreements of said Contract during the original term of said Contract and any extension thereof that may be granted by the OWNER, with or without notice to the SURETY, and during the life of any guaranty required under the Contract, and shall also well and truly perform and fulfill all the undertakings, covenants, terms, conditions and agreements of any and all duly authorized modifications of said Contract that may hereafter be made, notice of which modifications of said SURETY being hereby waived, then this obligation to be void, otherwise in full force and effect.

authority of its governing body. **SEAL** CONTRACTOR Address: WITNESS _____ **SEAL** ATTEST: SURETY Address: Title: (Surety to Attach Power of Attorney) CERTIFICATE AS TO CORPORATE PRINCIPAL , certify that I am the secretary of the corporation named as PRINCIPAL in the within bond that _______, who signed the said bond on behalf of the PRINCIPAL, is the _______ said corporation; that I know his signature, and his signature thereto is genuine; and that said bond was duly signed, sealed and attested for and in behalf of said corporation by authority of its governing body. (Corporate Seal)

IN WITNESS WHEREOF, the above-bounden parties have executed this instrument under their several seals on the date indicated above, the name and corporate seal of each corporate party being hereto affixed and these presents duly signed by its undersigned representative, pursuant to

SECTION PyB

PAYMENT BOND

SECTION PyB PAYMENT BOND

STATE OF TEXAS	
COUNTY OF DALLAS	Date Bond Executed:
	•
PRINCIPAL:	
SURETY:	
PENAL SUM OF BOND (express in words a	and figures):
DATE OF CONTRACT:	
named, are held firmly bound unto The Town in the penal sum of the amount stated above,	that we, the PRINCIPAL and SURETY above of Addison, Texas, hereinafter called the OWNER, for the payment of which sum and truly to be made, nistrators and successors, jointly and severally,
	ION ARE SUCH that, whereas the PRINCIPAL WNER, numbered and dated as shown above and
labor and materials in the prosecution of the duly authorized modifications of said Contra	ll promptly make payment to all persons supplying work provided for in said Contract, and any and all ract that may hereafter be made, notice of which vaived, then this obligation to be void, otherwise to

SEAL	
	CONTRACTOR
	Ву:
	Address:
WITNESS	_
CDAI	
SEAL ATTEST:	
	SURETY
	Ву:
	Address:
Title:	
(Sure	ety to Attach Power of Attorney)
CERTIFICA	TE AS TO CORPORATE PRINCIPAL
the said bond on behalf of the PRD corporation; that I know his signa	rtify that I am the secretary of the corporation at, v NCIPAL, is the ture, and his signature thereto is genuine; and that ted for and in behalf of said corporation by auth

SECTION MB

MAINTENANCE BOND

SECTION MB MAINTENANCE BOND

STATE OF TEXAS COUNTY OF DALLAS

That	a	s principal and _	
, a corpora	ition organized und	ler the laws of	and
			authorized to do business in t
State of Texas, do hereby e	xpressly acknowle	dge themselves to	be held and bound to pay ur
the Town of Addison, Texa	as, a duly incorpor	rated home rule n	nunicipal corporation under t
laws of the State of Texas, the	he sum of		
(\$) for the	e payment of which	n sum will and trul	ly to be made unto said Town
Addison and its successors,	said principal and	sureties do hereby	y bind themselves, their assig
and successors, jointly and s	everally.		
This obligation is conditioned	ed, however, that w	hereas said:	
•			
has this day entered into a construct the	written contract	with the said Tov	wn of Addison to build and

which contract and the Plans and Specifications therein mentioned adopted by the Town of Addison, are hereby expressly made a part hereof as though the same were written and embodied herein.

WHEREAS, under the Plans, Specifications and Contract it is provided that the Contractor will maintain and keep in good repair the work herein contracted to be done and performed for a period of two (2) years from the date of acceptance, and to do all necessary backfilling that may arise on account of sunken conditions in ditches, or otherwise, and to do and perform all necessary work and repair any defective condition growing out of or arising from the improper joining of the same, or on account of any breaking of the same caused by the said Contractor in laying or building the same, or on account of any defect arising in any of said part of said work laid or constructed by the said Contractor, or on account of improper excavation or backfilling; it being understood that the purpose of this section is to cover all defective conditions arising by reason of defective materials, work or labor performed by the said Contractor; and in case the said Contractor shall fail to do, it is agreed that the City may do said work and supply such materials, and charge the same against the said Contractor and sureties on this obligation. and the said Contractor and sureties hereon shall be subject to the liquidated damages mentioned in said contract for each day's failure on its part to comply with the terms of the said provisions of said contract; planting materials (trees, shrubs, ground cover, grasses and perennials) and the completed irrigation system will be warranted for one (1) year from the time of final completion and acceptance by the Town of Addison.

NOW THEREFORE, if the said Contractor shall keep and perform its said agreement to maintain said work and keep the same in repair for the said maintenance period of two: (2) years, as provided, then these presents shall be null and void and have no further effect; but if default shall be made by the said Contractor in the performance of its contract to so maintain and repair said work, then these presents shall have full force and effect, and said Town of Addison shall have and recover from the Contractor and its sureties damages in the premises, as provided, and it is further understood and agreed that this obligation shall be a continuing one against the principal and sureties hereon and that successive recoveries may be had hereon for successive breaches until the full amount shall have been exhausted; and it is further understood that the obligation herein to maintain said work shall continue throughout said maintenance period, and the same shall not be changed, diminished, or in any manner affected from any cause during said time.

IN WITNESS WHEREOF, the said		
be executed by		has hereunto se
his hand this the day of	, 20	
SURETY	PRINCI	PAL
	Ву:	
By:Attorney in Fact		
Attorney in Pact		
	ATTES	Γ
By:	Secretary	
·		
Agency and Address		
Agency and Address		

SECTION BP

CONTRACTOR'S AFFIDAVIT OF BILLS PAID

SECTION BP CONTRACTOR'S AFFIDAVIT OF BILLS PAID

Personally before me the undersioned a	uthority, on this day appeared
being duly sworn, on oath, says that he is	
	(full name of Contractor as in
and that the contract for the construction	of the project, designated as
(Project No.)	
,	
	nat all bills for materials, apparatus, fixtures,
and labor used in connection with the	nat all bills for materials, apparatus, fixtures, construction of this project have, to the b
and labor used in connection with the	
and labor used in connection with the	construction of this project have, to the b
and labor used in connection with the	
and labor used in connection with the	Signature
and labor used in connection with the	construction of this project have, to the b
and labor used in connection with the knowledge and belief, been fully paid.	Signature Title
	Signature Title

Instructions:

If the contractor is an individual, he shall sign the affidavit. If the contractor is a partnership, any partner may sign the affidavit. If the contractor is a corporation, a person authorized by the by-laws or by the Board of Directors shall sign the affidavit. If the Contractor is a joint-venture of individuals, any of the individuals may sign the affidavit. If the Contractor is a joint-venture of partnerships, or of individuals and partnerships, the affidavit may be signed by the individual or any partner of any partnership. If the contractor is a joint-venture in which a corporation is a party, separate affidavits must be executed in the name of the joint-venture: one by each corporation and one by each individual or partnership. Signatures for corporations should be by a duly authorized officer. If signature is by another, a showing of authority to sign must accompany the affidavit.

SECTION GP

GENERAL PROVISIONS

GENERAL PROVISIONS

1. The General Provisions of the Contract shall be as stated in the Standard Specifications for Public Work Construction, North Central Texas Council of Governments (3rd Edition), under Part I, "General Provisions", Items 1.0 through 1.63 inclusive, as amended or supplemented and except as modified by the Special Provisions.

SECTION SP

SPECIAL PROVISIONS

SECTION SP SPECIAL PROVISIONS

1. OWNER

The Town of Addison, herein referred to as Owner, party of the First Part of these Contract Documents, or as may be otherwise established through assignment of the contract.

2. ENGINEER

HNTB Corporation, Engineer of the Owner, or other representative as may be authorized by said Owner to act in any particular position.

3. FORMS, PLANS AND SPECIFICATIONS

Forms of Proposal, Contract, Bonds and Plans may be obtained from the office of Mr. Minok Suh, Purchasing Coordinator, Finance Building, 5350 Belt Line Road, Addison, Texas.

NS.

4. COPIES OF PLANS FURNISHED

Three (3) sets of Plans shall be furnished to the Contractor, at no charge, for construction purposes. Additional copies may be obtained at cost of reproduction upon request.

5. PRODUCT RECORD DOCUMENTS

Maintenance of Documents. The Contractor shall maintain at the job site one record copy of the Contract Drawings, Specifications, Shop Drawings, Change Orders, other modification to the Contract, field test records and other documents submitted by Contractor in compliance with specification requirements. These documents shall be maintained at the job site apart from documents used for construction. These documents are not to be used for construction purposes. The documents shall be maintained in clean, legible condition. The documents shall be made available at all times for inspection by the Owner.

<u>Recording</u>. Each document shall be labeled Project Record Copy in 2-inch high printed letters. The record documents shall be kept current. No work shall be covered until required information has been recorded.

<u>Contract Drawings</u>. The appropriate drawing shall be legibly marked to record, where applicable:

a. Horizontal and vertical location of underground utilities and appurtenances referenced to permanent surface improvements.

- b. Field changes of dimension and detail made during construction process.
- c. Changes made by Change Order or Supplemental Agreement.
- d. Details not on original Contract Drawings.
- e. Changes made by Change Order or Supplemental Agreement.
- f. Other matters not originally specified.

Shop Drawing. The Contractor shall maintain the Shop Drawings as record drawings and legibly annotate shop drawings to record changes made after review. A red felt-tip marking pen shall be used for all recording.

<u>Submittal</u>. At the completion of the project, the Contractor shall deliver record drawings to the Owner. The transmittal letter shall be accompanied, in duplicate, with:

- a. Date, project title and number.
- b. Contractor's name and address.
- c. Title and number of each record document.
- d. Certification that each document as submitted is complete and accurate.
- e. Signature of Contractor or his authorized representative.

6. HORIZONTAL AND VERTICAL SURVEY CONTROL

The Contractor will be responsible for horizontal and vertical survey control for this project. Benchmarks coordinates are provided on the plans.

7. PERMITS. LICENSES. AND REGULATIONS

Permits and licenses of a temporary nature necessary for the prosecution of the Work shall be secured and paid for by the Contractor. Permits, licenses and easements for permanent structures or permanent changes in existing facilities shall be secured and paid for by the Owner, unless otherwise specified. If the Contractor observes that the Drawings and Specifications are at variance therewith, he shall promptly notify the Engineer in writing, and any necessary changes shall be adjusted as provided in the Contract for changes in Work. The Contractor shall comply with all federal, state and local laws, rules and regulations of every kind and nature applicable to the performance of its Work hereunder, and shall hold the Owner harmless therefrom.

8. REFERENCE SPECIFICATIONS

Where reference is made to specifications compiled by others, such are hereby made a part of these Specifications.

9. REVIEW OF WORK

The Owner and his representatives shall have the right to review the Work while such Work is in progress to ascertain that the Work is being accomplished in compliance with the standards and requirements set forth in the Contract Documents. It is also contemplated that similar review will be conducted by governmental inspectors. Notwithstanding such review, the Contractor will be held responsible for the finished Work, and any acceptance of the Work by the Owner or governmental agencies will not relieve the Contractor from responsibility for the Work. The Owner reserves the right to place full-time construction observers at the site of the Work.

The Owner and his representatives shall at all times have access to the Work whenever it is in preparation or progress, and the Contractor shall provide proper facilities for such access, and for review.

If the Specifications, the Owner's instructions, laws, ordinances, or any public authority require any Work to be specially tested, the Contractor shall give the Owner timely notice of its readiness for testing, and if the testing is by an authority other than the Owner, of the date fixed for such testing. Tests by the Owner shall be made promptly, and where practicable at the source of supply.

Re-examination of any Work may be ordered by the Owner, and, if so ordered, the Work must be uncovered by the Contractor. If such Work is found to be in accordance with the Contract Documents, the Owner shall pay the cost of re-examination and replacement. If such Work is not in accordance with the Contract Documents, the Contractor shall pay such cost.

10. <u>INSPECTION</u>

Notwithstanding the foregoing, the Town of Addison reserves the right to inspect, test, measure or verify the construction work for this project as the Town deems necessary.

11. SCOPE OF WORK

The Work for this Project consists of furnishing all materials, labor, equipment, tools and incidentals necessary to perform, in accordance with the Plans and Specifications, the proposed Niles Properties Demolition project.

12. PROPERTY LINES AND MONUMENTS

All property corners, control monumentations, construction and survey stakes and marks shall be carefully preserved by the Contractor, and in case of careless destruction or removal by Contractor or his employees, such stakes or marks shall be replaced at the Contractor's expense as required by the Owner.

13. DISCREPANCIES

If the Contractor, in the course of the Work, finds any discrepancy between the Contract Documents and the physical conditions of the locality, or any errors or omissions in drawings or in the layout as given by survey points and instructions, or if it appears that any Plan, Specification or other Contract Document is or may be not in compliance with any building code or other requirement of any governmental body, he shall immediately inform the Owner in writing, and the Owner shall promptly verify the same. Any Work done after such discovery, until authorized, will be done at the Contractor's risk.

14. TIME ALLOTTED FOR COMPLETION

All items of Work included under these contracts shall be completed within the time stipulated in the Instruction To Bidders. The time shall commence on the date specified in the Notice to Proceed. The Notice to Proceed shall consist of a written request by the Owner for the Contractor to proceed with construction of the Project.

15. EXISTING STRUCTURES

The Plans show the location of all known surface and subsurface structures. However, the Owner assumes no responsibility for failure to show any or all of these structures on the Plans, or to show them in their exact location. It is mutually agreed that such failure shall not be considered sufficient basis for claims for additional compensation or extra work or for increasing the pay quantities in any manner whatsoever, unless the obstruction encountered is such as to necessitate changes in the lines or grades, or require the building of special work, provisions for which are not made in the Plans and Proposal, in which case the provisions in these Specifications for extra work shall apply.

16. EXISTING UTILITIES AND SERVICE LINES

The Contractor shall contact all the utility companies which have facilities in the vicinity of the proposed improvements to confirm the horizontal and vertical locations of their respective facilities prior to commencing work. Where a conflict with the proposed improvements is encountered, the Contractor shall notify the Engineer immediately prior to proceeding with the work.

The Contractor shall be responsible for the protection of all existing utilities or service lines crossed or exposed by his construction operation. Where existing utilities or service lines are cut, broken or damaged, the Contractor shall replace the utilities or service lines with the same type of original construction, or better, at his own cost and expense. All replacement, backfill and compaction shall be accomplished in strict accordance with the requirements of the owner of the utility or service line.

17. PUBLIC UTILITIES AND OTHER PROPERTY TO BE CHANGED

In case it is necessary to change or move the property of any owner or of a public utility, such property shall not be moved or interfered with until authorized by the utility company and approved by the Owner. The right is reserved to the owner of public utilities to enter upon the limits of the Project for the purpose of making such changes or repairs of this contract.

18. <u>LIGHTS AND POWER</u>

The Contractor shall provide, at his own expense, temporary lighting and power facilities required for the proper execution of the Work.

19. PERMITS AND RIGHTS-OF-WAY

The Owner will provide rights-of-way for the purpose of construction without cost to the Contractor by securing permits in areas of public dedication or by obtaining easements across privately-owned property. It shall be the responsibility of the Contractor, prior to the initiation of construction on easements through private property, to inform the property

owner of his intent to begin construction. Before beginning construction in areas of public dedication, the Contractor shall inform the agency having jurisdiction in the area forty-eight (48) hours prior to initiation of the Work. The Contractor shall obtain a right-of-way permit from the Town of Addison.

20. PRECONSTRUCTION CONFERENCE

The successful Contractor(s) and Owner shall meet at the call of the Owner on this Project. Prior to the meeting, the Contractor(s) shall prepare schedules showing the sequencing and progress of their work and its effect on others. These schedules shall be delivered to the Owner in advance of the meeting for his review. The general nature of the work, materials used, and methods of construction as well as the schedules will be discussed at the meeting. A final composite schedule will be prepared during this conference to allow an orderly sequence of project construction.

21. ADDENDA

Bidders desiring further information, or interpretation of the Plans and Specifications, must make written request for such information to the Engineer (not later than three (3) calendar days prior to the date set for the Bid opening). Answers to all such requests will be given in writing to all Bidders in addendum form and all addenda will be bound with and made a part of the Contract Documents. No other explanation or interpretation will be considered official or binding. Should a Bidder find discrepancies in, or omissions from, the Plans, Specifications or Contract Documents, or should he be in doubt as to their meaning, he shall at once notify the Engineer in writing in order that a written addendum may be sent to all Bidders.

22. WATER FOR CONSTRUCTION

The Contractor shall acquire a meter and make the necessary arrangements with the Town of Addison for securing and transporting all water required in the construction, including water required for mixing of concrete, sprinkling, testing or flushing. Water required for construction shall be paid for by the Contractor at the Town of Addison prevailing rates. There will be no separate pay item for connection into the existing water system and quantity of water required for construction purposes.

23. EXCAVATION

The Contractor shall exercise precautions to insure that drainage from adjacent properties is not blocked by his excavations.

24. <u>CONTRACTOR'S BID</u>

The Contractor's Bid shall be on a <u>Lump Sum</u> basis for construction of the Project as shown on the Plans and described in the Specifications.

25. OWNER'S STATUS

The Owner shall perform technical review of the Work. He shall also have authority to reject all Work and materials which do not conform to the Contract and to decide questions which arise in the execution of the Work.

26. OWNER'S DECISIONS

The Owner shall, within a reasonable time after their presentation to him, make decisions in writing on all claims of the Contractor and on all other matters relating to the execution and progress of the Work or the interpretation of the Contract Documents.

27. LANDS FOR WORK

The Owner shall provide as indicated on the Plans for this Project, the lands upon which the Work under this Contract is to be done, right-of-way for access to same, and such other lands which are designated on the Plans or in the Specifications for the use of the Contractor. Such lands and rights-of-way shall be adequate for the performance of the Contract. Should the Contractor be delayed as the result of lack of access, this shall be cause for an extension of time but not for additional cost.

The Contractor shall provide at his own expense and without liability to the Owner any additional land and access thereto that may be required for temporary construction facilities.

28. CLEANING UP

The Contractor shall remove at his own expense all temporary structures, rubbish and waste materials resulting from his operations. These requirements shall not apply to property used for permanent disposal of rubbish or waste materials in accordance with permission of such disposal granted to the Contractor by the Owner thereof.

29. LIQUIDATED DAMAGES FOR DELAY BY CONTRACTOR

The time of completion is of the essence in this contract. For each calendar day that any Work shall remain uncompleted after the time specified the contract, liquidated damages shall be deducted from the monies due the Contractor in the amount of \$500.00 per day.

30. USE OF EXPLOSIVES

Use of explosives will not be allowed.

31. PROJECT MAINTENANCE

The Contractor shall maintain, and keep in good repair, the improvements covered by these Plans and Specifications during the life of his contract.

32. DISPOSAL OF WASTE AND SURPLUS EXCAVATION

All asphalt, concrete, rock or excavated material, or other debris or material shall be removed from the property and the Town of Addison. Any required disposal permits shall be the sole responsibility of the Contractor.

33. REMOVALS, ADJUSTMENTS AND REPLACEMENTS

Existing pavements, driveways, curbs, gutters, sidewalks, slabs, docks, etc., to be removed shall be broken up and disposed of. Care shall be exercised to leave a neat, uniform edge or joint at the excavation limits or sections removed where only portions are to be removed. The Owner will designate the limits to be removed. Where pavements, driveways, curbs,

gutters, sidewalks, etc., shall be replaced, then said replacements shall be to the standard of the previously removed portion or better.

Existing structures such as manholes, inlets, cleanouts, valve boxes, etc. which are not the property of a private firm or company, or an individual required to move their own property, shall be adjusted, altered or reset to the required elevation and alignment. New materials and workmanship necessary shall conform to the requirements of these Specifications covering the particular Work. Salvaged materials in good condition may be used in rebuilding such structures, provided the materials are thoroughly cleaned before their use.

All private obstructions which are indicated on the Plans to be moved, will be removed and replaced, or moved to new permanent locations by the Contractor, without additional payment to the Contractor. Any such additional item which the Contractor moves or causes to be moved for his own convenience shall be at his own expense.

34. TOWN OF ADDISON APPROVAL

This project is subject to final approval and acceptance by Town of Addison.

35. NOT USED

36. NOT USED

37. FINAL ACCEPTANCE OF WORK

Final acceptance of the Work is subject to final testing and approval of the Work by the Town of Addison.

38. WORK AREA

Contractor shall restrict his construction activity to the project site.

39. CONTRACTOR'S AFFIDAVIT OF BILLS PAID

The Contractor shall be required to execute the form provided in Section BP prior to the acceptance of the project.

40. PAY ITEMS

Final payment to the construction contractor shall not be made until all Work has been finally completed and verified in accordance with the construction contract, plans and specifications and have been finally accepted by the Town of Addison.

41. NOT USED

42. NOT USED

43. COMPLIANCE WITH GENERAL RULES AND LAWS

"Contractor shall familiarize himself with the nature and extent of the specifications, site conditions, safety requirements, and comply with all federal, state and local laws, ordinances, rules and regulations. Contractor shall determine how compliance with requirements, laws, rules, and regulations will affect his cost, progress or performance of the Work."

44. COMPLIANCE WITH IMMIGRATION LAWS

"Contractor shall take all steps necessary to ensure that all of the Contractor's employees are authorized to work in the United States as required by the Immigration Reform and Control Act of 1986."

45. <u>RESOLUTION OF DISPUTES</u>

The parties hereby covenant and agree that in the event of any controversy, dispute, or claim, of whatever nature arising out of, in connection with or in relation to the interpretation, performance or breach of this agreement, including but not limited to any claims based on contract, tort or statute, before filing a lawsuit, the parties agree to submit the matter to Alternative Dispute Resolution pursuant to the laws of the State of Texas. The parties shall select a third party arbitrator or mediator from the current list of neutrals on file with the Alternative Dispute Resolution Administrator of the Dallas County District Courts. All forms of Alternative Dispute Resolution may be used except binding arbitration. The proceedings shall be conducted in accordance with the laws of the State of Texas.

46. GENERAL SEQUENCE OF CONSTRUCTION

Prior to the start of work, the contractor shall develop a detailed construction schedule and sequence of construction, to be submitted to the Town of Addison for approval, that shall cause minimum interference with traffic along, across and adjacent to the project during construction. If the schedule or sequence becomes unworkable or unsatisfactory as work proceeds, adjustments shall be made.

Sidewalks and/or clear passage ways must be provided at all times for pedestrian traffic in the area.

Erosion control devices must be properly installed and maintained during all stages of construction.

Contractors Juniance?

47. NOT USED

48. <u>NOT USED</u>

49. <u>NOT USED</u>

50. NOT USED

SP-9

51. WORKERS' COMPENSATION INSURANCE COVERAGE

A. Definitions.

Certificate of Coverage ("certificate") - A copy of a certificate of insurance, a certificate of authority to self insure issued by the Texas Workers' Compensation Commission (the "TWCC"), or a coverage agreement (TWCC-81, TWCC-82, TWCC-83 or TWCC-84), showing statutory workers' compensation insurance coverage for the person's or entity's employees providing services on a project, for the duration of the project.

Duration of the Project - includes the time from the beginning of the work on the project until the Contractor's/person's work on the project has been completed and accepted by the governmental entity.

Persons Providing Services on the Project ("subcontractor" in Section 406.096 of the Texas Labor Code) - includes all persons or entities performing all or part of the services the Contractor has undertaken to perform on the project, regardless of whether that person contracted directly with the Contractor and regardless of whether that person has employees. This includes, without limitation, independent contractors, subcontractors, leasing companies, motor carriers, owner-operators, employees of any such entity or employees of any entity which furnishes persons to provide services on the project. "Services" include, without limitation, providing, hauling, or delivering equipment or materials, or providing labor, transportation, or other service related to a project. "Services" does not include activities unrelated to the project, such as food/beverage vendors, office supply deliveries, and delivery of portable toilets.

- B. The Contractor shall provide coverage, based on property reporting of classification codes and payroll amounts and filing of any coverage agreement, which meets the statutory requirements of Texas Labor Code, 401.011(44) for all employees of the Contractor providing services on the project, for the duration of the project.
- C. The Contractor must provide a certificate of coverage to the Owner prior to being awarded the contract.
- D. If the coverage period shown on the Contractor's current certificate of coverage ends during the duration of the project, the Contractor must, prior to the end of the coverage period, file a new certificate of coverage with the Owner, showing that the coverage has been extended.
- E. The Contractor shall obtain from each person providing services on the project, and provide to the Owner:
 - (1) a certificate of coverage, prior to that person beginning work on the project, so that the Owner will have on file certificates of coverage showing coverage for all persons providing services on the project; and,
 - (2) no later than seven days after receipt by the Contractor, a new certificate of coverage showing extension of coverage, if the coverage period shown on the current certificate of coverage ends during the duration of the project;

- F. The Contractor shall retain all required certificates of coverage on file for the duration of the project and for one year thereafter.
- G. The Contractor shall notify the Owner in writing by certified mail or personal delivery, within 10 days after the Contractor knew or should have known, of any change that materially affects the provision of coverage of any person providing services on the project.
- H. The Contractor shall post on each project site a notice, in the text, form and manner prescribed by the TWCC, informing all persons providing services on the project that they are required to be covered, and stating how a person may verify current coverage and report failure to provide coverage.
- I. The Contractor shall contractually require each person with whom it contracts to provide Services on a project to:
 - (1) provide coverage, based on proper reporting of classification codes and payroll amounts and filing of any coverage agreements, which meets the statutory requirements of Texas Labor Codes 401.011 (44) for all its employees providing services on the project, for the duration of the project;
 - (2) provide to the Contractor, prior to that person beginning work on the project, a certificate of coverage showing that coverage is being provided for all employees of the person providing services on the project, for the duration of the project;
 - (3) provide the Contractor, prior to the end of the coverage period, a new certificate of coverage showing extension of coverage, if the coverage period shown on the current certificate of coverage ends during the duration of the project;
 - (4) obtain from each person with whom it contracts, and provide to the Contractor;
 - a. a certificate of coverage, prior to the other person beginning work on the project; and,
 - b. a new certificate of coverage showing extension of the coverage period, prior to the end of the coverage period, if the coverage period shown on the current certificate of coverage ends during the duration of the project.
 - (5) retain all required certificates of coverage on file for the duration of the project and for one year thereafter;
 - (6) notify the Owner in writing by certified mail or personal delivery, within 10 days after the person knew or should have known, of any change that materially affects the provision of coverage of any person providing services on the project; and
 - (7) contractually require each other person with whom it contracts to perform as required by paragraphs (1) (7) with the certificate of coverage to be provided to the person for whom they are providing services.
- J. By signing this contract or providing or causing to be provided a certificate of coverage, the Contractor is representing to the Owner that all employees of the Contractor who will provide services on the project will be covered by worker's compensation coverage for

the duration of the project, that the coverage will be based on proper reporting of classification codes and payroll amounts, and that all coverage agreements will be filed with the appropriate insurance carrier or, in the case of a self-insured, with the TWCC's Division of Self-Insurance Regulation. Providing false or misleading information may subject the Contractor to administrative penalties, criminal penalties, civil penalties or other civil actions.

K. The Contractor's failure to comply with any of these provisions is a breach of contract by the Contractor which entitles the Owner to declare the contract void if the Contractor does not remedy the breach within ten days after receipt of notice of breach from the Owner.

The following is the form of notice of workers' compensation coverage prescribed by the TWCC. Pursuant to Section 110.110 (d) (7), this notice must be printed with a title in at least 30-point bold type, and text in at least 19-point nominal type, and shall be in both English and Spanish and any other language common to the worker population.

REQUIRED WORKERS' COMPENSATION COVERAGE

"The law requires that each person working on this site or providing services related to this construction project must be covered by workers' compensation insurance. This includes persons providing, hauling or delivering equipment or materials, or providing labor or transportation or other service related to the project, regardless of the identity of their employer or status as an employee.

"Call the Texas Workers' Compensation Commission (TWCC) at (512) 440-3789 to receive further information on the legal requirements for coverage, to verify whether your employer has provided the required coverage, or to report an employer's failure to provide coverage."

53. PROJECT TRAILER

"The Owner will <u>not</u> provide the Contractor with a storage area or project trailer. The Contractor is responsible for providing his own storage at the project site. The Contractor will not be required to provide a job trailer for meetings, phone conversations and other day to day activities. Meetings can be held at the Town of Addison Service Center. Costs for the storage area shall be included in mobilization.

54. RESTRICTED WORK HOURS

Per the Town of Addison Building Regulations, "It shall be unlawful for a person, firm or corporation to excavate, erect, build, construct, alter, repair or demolish any building or structure which has been issued or which is required to be issued a building permit by the Town of Addison between the hours of 7:00 p.m. and 7:00 a.m. Monday through Friday, and between the hours of 7:00 p.m. and 8:00 a.m. on Saturday and Sunday, if such activity is performed within a residential, apartment, or townhouse zoned area, or within three hundred (300) feet of an occupied residence, except in cases of urgent necessity or in the interest of public safety and convenience, and then only by permit of the City Manager."

55. PREVAILING WAGE RATES

Wage rates paid on this project shall not be less than specified in the schedule of general prevailing rates of per diem wages as attached hereto.

PREVAILING WAGE RATES

GENERAL DECISION TX010045 03/02/2001 TX45

Date: March 2, 2001

General Decision Number TX010045

Superseded General Decision No. TX000045

State: TEXAS

Construction Type:

HEAVY HIGHWAY

County(ies):

COLLIN	GRAYSON	ROCKWALL
DALLAS	JOHNSON	TARRANT
DENTON	KAUFMAN	WICHITA
FILIS	PARKER	

HEAVY AND HIGHWAY CONSTRUCTION PROJECTS IN WICHITA COUNTY ONLY.

HIGHWAY CONSTRUCTION PROJECTS ONLY FOR REMAINING COUNTIES

Modification Number Publication Date 03/02/2001

COUNTY(ies):

COLLIN	GRAYSON	ROCKWALL
DALLAS	JOHNSON	TARRANT
DENTON	KAUFMAN	WICHITA
ELLIS	PARKER	

SUTX2043A 03/26/1998

Rates	<u>Fringes</u>
AIR TOOL OPERATOR	\$ 9.00
ASPHALT RAKER	9.55
ASPHALT SHOVELER	8.80
BATCHING PLANT WEIGHER	11.51
CARPENTER	10.30

CHANGE TO THE TOTAL PROTECTION OF A TITALIAN	10.50
CONCRETE FINISHER-PAVING	10.50
CONCRETE FINISHER-STRUCTURES	9.83
CONCRETE RUBBER	8.84
ELECTRICIAN	15.37
FLAGGER	7.55
FORM BUILDER-STRUCTURES	9.82
FORM LINER-PAVING & CURB	9.00
FORM SETTER-PAVING & CURB	9.24
FORM SETTER-STRUCTURES	9.09
LABORER-COMMON	7.32
LABORER-UTILITY	8.94
MECHANIC	12.68
OILER	10.17
SERVICER	9.41
PAINTER-STRUCTURES	11.00
PIPE LAYER	8.98
BLASTER	11.50
ASPHALT DISTRIBUTOR OPERATOR	10.29
ASPHALT PAVING MACHINE	10.30
BROOM OR SWEEPER OPERATOR	8.72
BULLDOZER	10.74
CONCRETE CURING MACHINE	9.25
CONCRETE FINISHING MACHINE	11.13
CONCRETE PAVING JOINT MACHINE	10.42
CONCRETE PAVING JOINT SEALER	9.00
CONCRETE PAVING SAW	10.39
CONCRETE PAVING SPREADER	10.50
SLIPFORM MACHINE OPERATOR	9.92
CRANE, CLAMSHELL, BACKHOE,	
DERRICK, DRAGLINE, SHOVEL	11.04
FOUNDATION DRILL OPERATOR	
CRAWLER MOUNTED	10.00
FOUNDATION DRILL OPERATOR	• • • • •
TRUCK MOUNTED	11.83
FRONT END LOADER	9.96
MILLING MACHINE OPERATOR	8.62
MIXER	10.30
MOTOR GRADER OPERATOR	10,00
FINE GRADE	11.97
THE GIGED	11.71
MOTOR GRADE OPERATOR	10.96
PAVEMENT MARKING MACHINE	7.32
ROLLER, STEEL WHEEL PLANT-MIX	2
PAVEMENTS	9.06
ROLLER, STEEL WHEEL OTHER	2.00
FLATWHEEL OR TAMPING	8.59
THE WILLIAM OF TANK TIME	0.53

ROLLER, PNEUMATIC, SELF-PROPELLED	8.48
SCRAPER	9.63
TRACTOR-CRAWLER TYPE	10.58
TRACTOR-PNEUMATIC	9.15
TRAVELING MIXER	8.83
WAGON-DRILL, BORING MACHINE	12.00
REINFORCING STEEL SETTER PAVING	13.21
REINFORCING STEEL SETTER	
STRUCTURES	13.31
STEEL WORKER-STRUCTURAL	14.80
SPREADER BOX OPERATOR	10.00
WORK ZONE BARRICADE	7.32
TRUCK DRIVER-SINGLE AXLE	
LIGHT	8.965
TRUCK DRIVER-SINGLE AXLE	
HEAVY	9.02
TRUCK DRIVER-TANDEM AXLE	
SEMI TRAILER	8.77
TRUCK DRIVER-LOWBOY/FLOAT	10.44
TRUCK DRIVER-TRANSIT MIX	9.47
TRUCK DRIVER-WINCH	9.00
VIBRATOR OPERATOR-HAND TYPE	7.32
WELDER	11.57

Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29 CFR 5.5(a)(1)(v)).

. .

In the listing above, the "SU" designation means that rates listed under that identifier do not reflect collectively bargained wage and fringe benefit rates. Other designations indicate unions whose rates have been determined to be prevailing.

WAGE DETERMINATION APPEALS PROCESS

- 1.) Has there been an initial decision in the matter? This can be:
 - an existing published wage determination
 - a survey underlying a wage determination
 - a Wage and Hour Division letter setting forth a position on a wage determination matter
 - a conformance (additional classification and rate)

ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations Wage and Hour Division
U. S. Department of Labor
200 Constitution Avenue, N. W.
Washington, D. C. 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator U.S. Department of Labor 200 Constitution Avenue, N. W. Washington, D. C. 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board U. S. Department of Labor 200 Constitution Avenue, N. W. Washington, D. C. 20210

4.) All decisions by the Administrative Review Board are final.

END OF GENERAL DECISION

SECTION T TECHNICAL SPECIFICATIONS

A BUILDING DEMOLITION

PART 1 - GENERAL

We want Special Provisions

1.1 RELATED DOCUMENTS

A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 1 Specification Sections, apply to this Section.

- we don't have this

1.2 SUMMARY

- A. This Section includes the following:
 - 1. Demolition and removal of buildings and structures.
 - 2. Demolition and removal of site improvements adjacent to a building or structure to be demolished.
 - 3. Removing below-grade construction.
 - 4. Disconnecting, capping or sealing, and abandoning in place site utilities.

1.3 DEFINITIONS

- A. Remove: Detach items from existing construction and legally dispose of them off-site unless indicated to be removed and salvaged or recycled.
- B. Existing to Remain: Existing items of construction that are not to be removed and that are not otherwise indicated to be removed, removed and salvaged, or recycled.

1.4 MATERIALS OWNERSHIP

A. Contractor shall assume ownership of all building materials on the site. It shall be the Contractor's responsibility to remove building, sign, utility, and paving items from the site.

1.5 **SUBMITTALS**

- A. Demolition Firm Qualifications: Demolition Contractor shall provide names, addresses and phone numbers for references associated with at least three building demolitions conducted in the last five years.
- B. Proposed Environmental-Protection, Dust-Control and Noise-Control Measures: Submit statement or drawing that indicates the measures proposed for use, proposed locations, and proposed time frame for their operation for approval. Show any measures necessary for protection of trees, foliage or nearby structures.

PUILDING DEMOLITION

_02221_1___

Stoud be part of the bidding process

- C. Schedule of Building Demolition Activities: Indicate the following:
 - 1. Detailed sequence of demolition and removal work, with starting and ending dates for each activity.
 - 2. Coordination for shutoff, capping, and continuation of utility services.
- D. Landfill Records: Indicate receipt and acceptance of hazardous wastes by a landfill facility licensed to accept hazardous wastes.
- E. Statement of Refrigerant Recovery: Signed by refrigerant recovery technician responsible for recovering refrigerant, stating that all refrigerant that was present was recovered and that recovery was performed according to EPA regulations. Include name and address of technician and date refrigerant was recovered.

1.6 QUALITY ASSURANCE

- A. Demolition Firm Qualifications: An experienced firm that has specialized in demolition work similar in material and extent to that indicated for this Project. A minimum of three successful building demolition projects must have been completed and references for each project must be available.
- B. Refrigerant Recovery Technician Qualifications: Certified by EPA-approved certification program.
- C. Regulatory Requirements: Comply with governing EPA notification regulations before beginning demolition. Comply with hauling and disposal regulations of authorities having jurisdiction.
- D. Standards: Comply with ANSI A10.6 and NFPA 241.
- E. Predemolition Conference: Conduct conference at Project site to demonstrate compliance with requirements in the Plans and Specifications. Review methods and procedures related to building demolition including, but not limited to, the following:
 - 1. Inspect and discuss condition of construction to be demolished.
 - 2. Review and finalize building demolition schedule and verify availability of demolition personnel, equipment, and facilities needed to make progress and avoid delays.
 - 3. Review and finalize protection requirements.

1.7 PROJECT CONDITIONS

- A. Buildings to be demolished will be vacated and their use discontinued before start of Work.
- B. Owner gives no indication as to the thickness of any pavements, slabs, docks, or other structural items. It is the responsibility of the Contractor to make his own determinations based on the pre-bid site visit.
- C. Owner assumes no responsibility for buildings and structures to be demolished.
 - 1. Conditions existing at time of inspection for bidding purpose will be maintained by Owner as far as practical.

- D. Hazardous Materials: It is not expected that hazardous materials will be encountered in the Work.
 - If materials suspected of containing hazardous materials are encountered, do not disturb; immediately notify Owner and Engineer. Hazardous materials will be removed by Owner under a separate contract.
- E. Storage or sale of removed items or materials on-site is not permitted.

PART 2 - PRODUCTS (Not Used)

PART 3 - EXECUTION

3.1 **EXAMINATION**

- A. Survey existing conditions and correlate with requirements indicated to determine extent of building demolition required.
- В. Review Project Record Documents of existing construction provided by Owner. Owner does not guarantee that existing conditions are the same as those indicated in Project Record Documents.
- C. When unanticipated mechanical, electrical, or structural elements are encountered, investigate and measure the nature and extent of the element. Promptly submit a written report to Engineer.
- D. Verify that any known hazardous materials have been remediated before proceeding with building demolition operations. relegat on the

3.2 **PREPARATION**

- Remove and store refrigerant according to 40 CFR/82 and regulations of A. authorities having jurisdiction.
- В. Existing Utilities: Locate, identify, disconnect, and seal or cap off indicated utilities serving buildings and structures to be demolished.
 - 1. Arrange to shut off indicated utilities with utility companies.
 - 2. If utility services are required to be removed, relocated, or abandoned, before proceeding with building demolition provide temporary utilities that bypass buildings and structures to be demolished and that maintain continuity of service to other buildings and structures.
 - 3. Cut off pipe or conduit a minimum of 24 inches below grade. Cap, valve, or plug and seal remaining portion of pipe or conduit after bypassing.
- ... 4 feet Temporary Shoring: Provide and maintain interior and exterior shoring, bracing, or structural C. support to preserve stability and prevent unexpected movement or collapse of construction being demolished.
 - Strengthen or add new supports when required during progress of demolition. 1.
- Removed and Salvaged Items (If any): Comply with the following: Clean salvaged items of dirt and demolition debris.

do ony? YES

2. Pack or crate items after cleaning. Identify conteats of containers.
3. Store items in a secure area until delivery to Owner.
4. Transport items to storage area designated by Owner.
Protect items from damage during transport and storage.

3.3 PROTECTION

A. Existing Facilities: Protect adjacent walkways, loading docks, building entries, and other building facilities during demolition operations.

B. Existing Utilities: Disconnect existing utility services for the building. Underground lines may be abandoned in place.

- 1. Do not interrupt existing utilities serving adjacent occupied or operating facilities unless authorized in writing by Owner and authorities having jurisdiction.
- 2. Provide temporary services during interruptions to existing utilities, as acceptable to Owner and to authorities having jurisdiction.
 - a. Provide at least 72 hours' notice to Owner if shutdown of service is required during changeover.

C. Temporary Protection: Erect temporary protection, such as walks, fences, railings, caropies, and covered passageways, where required by authorities having jurisdiction and as indicated. Comply with requirements in Division 1 Section "Temporary Facilities and Controls."

1. Protect existing site improvements, appurtenances, and landscaping to remain.

- 2. Provide temporary barricades and other protection required to prevent injury to people and damage to adjacent buildings and facilities to remain.
- 3. Provide protection to ensure safe passage of people around building demolition area and to and from occupied portions of adjacent buildings and structures.
- 4. Protect walls, windows, roofs, and other adjacent exterior construction that are to remain and that are exposed to building demolition operations.
- 5. Erect and maintain partitions and temporary enclosures to limit dust and dirt migration and to separate areas from fumes and noise from occupied portions of adjacent buildings.

3.4 DEMOLITION, GENERAL

- A. General: Demolish indicated existing buildings, structures and site improvements completely. Use methods required to complete the Work within limitations of governing regulations and as follows:
 - 1. Do not use cutting torches until work area is cleared of flammable materials. Maintain portable fire-suppression devices during flame-cutting operations.
 - 2. Maintain adequate ventilation when using cutting torches.
 - 3. Locate building demolition equipment and remove debris and materials so as not to impose excessive loads on supporting walls, floors, or framing.
- B. Engineering Surveys: Perform surveys as the Work progresses to detect hazards that may result from building demolition activities.

Somewhere we should have the contractor contact allulibries connected to the building and have building and have building and have building them cut off, before work 02221-4 begins SEE SECT. 3.2.B.1

don't

- C. Site Access and Temporary Controls: Conduct building demolition and debris-removal operations to ensure minimum interference with roads, streets, walks, walkways, and other adjacent occupied and used facilities.
 - Do not close or obstruct streets, walks, walkways, or other adjacent occupied or used facilities without permission from Owner. Provide alternate routes around closed or obstructed traffic ways if required by Owner.
 - 2. Use water mist and other suitable methods to limit spread of dust and dirt. Comply with governing environmental-protection regulations. Do not use water when it may damage adjacent construction or create hazardous or objectionable conditions, such as ice, flooding, and pollution.

3.5 MECHANICAL DEMOLITION

- A. Remove buildings and structures, and site improvements intact when permitted by authorities having jurisdiction.
- B. Proceed with demolition of structural framing members systematically, from higher to lower level. Concrete panels shall be lowered systematically to maintain as much structural stability as possible with remaining structure.
- C. Remove debris from elevated portions by chute, hoist, or other device that will convey debris to grade level in a controlled descent.
 - 1. Remove structural framing members and lower to ground by method suitable to minimize ground impact or dust generation.
- D. Concrete: Cut concrete full depth at junctures with construction indicated to remain, using power-driven saw, then remove concrete between saw cuts.
- E. Below-Grade Construction: Demolish foundation walls and other below-grade construction. Remove piers to a depth of at least / feet below final grades indicated.
- F. Existing Utilities: Demolish and remove existing utilities and below-grade utility structures. Remove and salvage meters on the site. Coordinate removal of service lines with applicable utility companies.

3.6 EXPLOSIVE DEMOLITION

A. Explosives: Use of explosives is not permitted.

3.7 SITE RESTORATION

- A. Below-Grade Areas: Rough grade below-grade areas ready for further excavation or new construction.
- B. Site Grading: Site shall be graded according to plans to a tolerance of +/- 0.2 feet. There shall be no ponding or low areas on site. All drainage shall sheet flow to the channel on the west side of the site. It is estimated that approximately XXX cubic yards of select fill will need to be hauled in from off-site in order to obtain the grades shown on the Plans. No guarantee is made

remove all debis ve

as to the accuracy of this estimate. It will be the responsibility of the Contractor to develop his own estimate prior to bidding on the project.

C. Vegetation: Hydroseed site with Common Bermuda or approved equivalent within seven days of demolition of the building and parking areas. Hydroseed shall be applied at a rate as defined by the manufacturer for uniform grass coverage.

3.8 REPAIRS

- A. General: Promptly repair damage to adjacent construction caused by building demolition operations.
- B. Where repairs to existing surfaces are required, patch to produce surfaces suitable for new materials.
- C. Restore exposed finishes of patched areas and extend restoration into adjoining construction in a manner that eliminates evidence of patching and refinishing.

3.9 DISPOSAL OF DEMOLISHED MATERIALS

- A. General: Except for items or materials indicated to be recycled, reused, salvaged, reinstalled, or otherwise indicated to remain Owner's property, remove demolished materials from Project site and legally dispose of them in an EPA-approved landfill.
 - 1. Do not allow demolished materials to accumulate on-site.
 - Remove and transport debris in a manner that will prevent spillage on adjacent surfaces and areas.
- B. Burning: Do not burn demolished materials.
- C. Disposal: Transport demolished materials off Owner's property and legally dispose of them.

3.10 CLEANING

A. Clean adjacent structures and improvements of dust, dirt, and debris caused by building demolition operations. Return adjacent areas to condition existing before building demolition operations began.

END OF SECTION 02221



TOWN OF ADDISON
BUILDING REGULATION SEC. 5-37.5

Sec. 5-37.5. Excavation, construction or demolition at night prohibited.

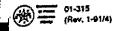
- (a) Intent and purpose. The city council of the Town of Addison finds and declares that:
 - (1) The uncontrolled excavation, erection, construction or demolition at night upon buildings or structures presents an inconvenience or danger to the welfare and safety of those persons residing within or near the buildings or structures worked upon.
 - (2) Such nocturnal activity causes inconvenience or danger to those persons residing within or near the buildings or structures worked upon so as to constitute a public nuisance.
 - (3) It is a matter of public necessity that the Town of Addison protect those persons residing within or near the buildings

or structures worked upon from the danger posed by such nocturnal activity.

- (4) The provisions and prohibitions hereinafter contained and enacted are in pursuance of and for the morals and general welfare of persons in the Town of Addison.
- (5) There is an immediate and present danger presented by the above described uncontrolled nocturnal activity, creating an emergency.
- (b) Unlawful activity. It shall be unlawful for a person, firm or corporation to excavate, erect, build, construct, alter, repair or demolish any building or structure which has been issued or which is required to be issued a building permit by the Town of Addison between the hours of 7:00 p.m. and 7:00 a.m. Monday through Friday, and between the hours of 7:00 p.m. and 8:00 a.m. on Saturday and Sunday, if such activity is performed within a residential, apartment or townhouse zoned area, or within three hundred (300) feet of an occupied residence, except in cases of urgent necessity or in the interest of public safety and convenience, and then only by permit of the city manager.
- (c) Exception. The provisions of this section shall not apply to city and utility company when engaged in the installation or repair of utility lines situated within such buildings or structures.
- (d) Posting of sign. The owner of the property upon which activity is carried on or the general contractor shall be responsible for the posting of a sign in a clearly visible area at all entrances to construction sites that will state the hours during which construction is allowed. (Ord. No. 084-051, § 1, 7-24-84; Ord. No. 085-040, §§ 1, 2, 6-25-85)

Editor's note—Section 2 of Ord. No. 084-051, adopted July 24, 1984, provided that any person, firm or corporation violating the provisions of this ordinance, codified herein as § 5-37.5, shall upon commission be deemed guilty of a misdemeaner, and shall be subject to a fine not to exceed two hundred dollars (\$200.00). Furthermore, the construction or building permit of a person, firm or corporation may be revoked if said person, firm or corporation continues violating any of the provisions of this § 5-37.5.

APPENDIX



TEXAS SALES AND USE TAX EXEMPTION CERTIFICATE

	Name of purchaser, firm or agency			
	Address (Street & number, P.O. Box or Route number)			
. , «	City, State, ZIP code			
 : -	I, the purchaser named above, claim an exemption from payment of sales and use taxes for the purchase of taxable items described below or on the attached order or invoice form:			
	Seller:			
	Street address: City, State, ZIP code:			
: :	Description of items to be purchased or on the attached order or invoice:			
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9	Purchaser claims this exemption for the following reason:			
	TAX EXEMPT USE BY POLITICAL SUBDIVISION OF THE STATE F TEXAS			
•				
•	I understand that I will be liable for payment of cases or use taxes which may become due for failure to comply with the provisions of the Tax Coo. Limited Sales, Excise, and Use Tax Act, Municipal			
-	Sales and Use Tax Act, Sales and Use stor Special Purpose Taxing Authorities, County Sales and Use Tax Act, County Health Services sales and Use Tax and the Texas Health and Safety			
	Code: Special Provisions Relating to Hospital Districts, Emergency Services Districts, and			
7	Emergency Services Districts in counties with a population of 125,000 or less.			
	I understand that it is a misdemeanor to give an exemption certificate to the seller for taxable items which I know, at the time of purchase, will be used in a manner other than that expressed in this certificate and that upon conviction may be fined not more than \$500 per offense.			
j				
	Sign Purchaser Tale Date			
j	nere /			
_				

Note: This certificate cannot be issued for the purchase, lease or rental of a motor vehicle.

THIS CERTIFICATE DOES NOT REQUIRE A NUMBER TO BE VALID

Sales and Use Tax "Exemption Numbers" or "Tax Exempt" Numbers do not exist.

This certificate should be furnished to the supplier. Do \underline{not} send the completed certificate to the Comptroller of Public Accounts.

Storm Water Pollution Prevention Plan Building Demolition Only

Part A – Site Description

Type of Project

The project is the demolition of an existing building and associated parking. This project is necessary due to the new alignment of Arapaho Road in Addison, Texas.

Schedule

	Scheduled		Revised	
Milestone	Start	Finish	Start	Finish
Set up initial controls				
Building demolition				
Demolish west parking				
Stabilize west parking area				
Install phase B controls			****	
Demolish east parking				-
Final Site stabilization				

Part B – Existing Conditions Existing Foliage

Type of Grass / Vegetation	Approximate Density	Site Coverage
Bermuda Grass	90	10
Trees	20	10

Drainage Impacts

Pre-development Runoff Coefficient (C in Rational Formula)

0:90

Post-development Runoff Coefficient

0.40 Addition of roadway will be in a

future phase.

Onsite Systems

Pipe System Present No

northand

Other Systems Present

There is a substantial drainage channel located on the west-side of the property. This channel will not be significantly impacted by the construction activities. The existing channel lining will remain in place.

Existing Areas of Erosion

Since most of the site consists of structure and pavement, there is little evidence of existing erosion.

Part C - Pollution Prevention Techniques

Project Phasing

Phase	Start	Finish
Phase A		
Phase B	A A A A A A A A A A A A A A A A A A A	



Vegetative Techniques Bermuda sod and seed will be applied to provide uniform 90% coverage upon completion of the demolition and grading activities. Grassed areas will be watered twice weekly for two weeks after installation of grassuntil grass so well Silt Fence Design capacity for silt fence shall be 3.5 cubic feet per second. As shown on the construction plans, silt fence shall be installed in two phases, A and B. Install Date Removal Date Phase A Phase B Stabilized Construction Entrance The existing pavement at the entrance to the site shall remain for the majority of the demolition activities. If this entrance is removed before completion of the demolition activities, a stabilized construction entrance shall be installed. Waste Management Practices

Solid Waste Management

- Covered, leakproof trash container on-site.
- (Covered dumpster on site
- Daily site clean up procedures implemented
- Timely collection of waste from containers paint

Hazardous Waste Management

- Controlled storage facility for pain, thinner and solvents
- Controlled storage facilities for fertilizer and other chemicals
- Procedures for handling spills is established and posted on-site.

Hazardous Materials used or found on-site

- Solvents
- Fuels
- Oils
- Grease
- Roofing Tar
- Pesticides
- Fertilizer

Concrete Waste Management

Part D - Contractor / Sub Contractor Certifications .

Any contractor or sub contractor responsible for portions of the SWPPP or impacts the efforts of the SWPPP shall sign the following certification prior to providing services at the site.

I certify under penalty of law that I understand the terms an conditions of the general National Pollutant Discharge Elimination System (NPDES) permit that authorizes the storm water discharges associated with industrial activity from the construction site identified as part of this certification.

Signed:	Date:
Name (Printed):	
Title:	
Name of Firm:	
Address:	
City, State, Zip:	-
Phone:	
Nature of Firm's Responsibility:	
	•
Signed:	
	Date:
Signed:	
Signed:	
Signed: Name (Printed): Title:	
Signed:	Date:
Signed:	Date:

Signed:	Date:
Name (Printed):	
Title:	
Name of Firm:	
Address:	·
City, State, Zip:	······································
Phone:	
Nature of Firm's Responsibility:	
Signed:	Date:
Name (Printed):	
Title:	
Name of Firm:	
Address:	
City, State, Zip:	
Phone:	
Nature of Firm's Responsibility:	
Signed:	•
Name (Printed):	
Title:	
Name of Firm:	
Address:	
City, State, Zip:	
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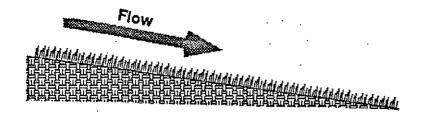
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Vegetation



Applications

Perimeter Control

Slope Protection

Sediment Trapping

Channel Protection

Temporary Stabilization

Permanent Stabilization

Waste Management

Housekeeping Practices

DESCRIPTION

Vegetation, as a Best Management Practice, is the sowing of annual grasses, small grains or legumes to provide interim and permanent vegetative stabilization for disturbed areas.

PRIMARY USE

Vegetation is used as a temporary or permanent stabilization technique for areas disturbed by construction but not protected by pavement, building or other structures. As a temporary control, vegetation is used to stabilize stockpiles and barren areas which are inactive for long periods of time. As a permanent control, grasses and other vegetation provide good protection for the soil along with some filtering for overland runoff. Subjected to acceptable runoff velocities, vegetation can provide a good method of permanent storm water management as well as a visual amenity to the site.

Other BMPs may be required to assist in the establishment of vegetation. These other techniques include erosion control matting, swales and dikes to direct flow around newly seeded areas and proper grading to limit runoff velocities during construction.

APPLICATIONS

Vegetative techniques can and should apply to every construction project with few exceptions. Vegetation effectively reduces erosion in swales, stock piles, berms, mild to medium slopes and along roadways. Vegetative strips can provide some protection when used as a perimeter control for utility and site development construction.

In many cases, the initial cost of temporary seeding may be high compared to tarps or covers for stockpiles or other barren areas subject to erosion yet inactive. This initial cost should be weighed with the amount of time the area is to remain inactive, since maintenance cost for vegetated areas is much less than most structural controls.

DESIGN CRITERIA

Surface Preparation

- Interim or final grading must be completed prior to seeding, minimizing all steep slopes.
- Install all necessary erosion structures such as dikes, swales, diversions, etc., prior to seeding.

Targeted Constituents

- Sediment
- Nutrients
 Toxic Materials
- O Oil & Grease
- O Floatable Materials
- O Other Construction Wastes

Implementation Requirements

- Capital Costs
- Maintenance
- O Training
- Suitability for Slopes >5%

Legend

- Significant Impact
- Medium Impact
- O Low Impact
- ? Unknown or Questionable Impact

Fe = 0.90

E-4



North Central Texas
Council of Governments

·	Vegetation
	· .
 □ Groove or furrow slopes steeper than 3:1 on the contour line before seeding. □ Provide 4-6 inches of topsoil over rock, gravel or otherwise unsuitable soils. □ Seed-bed should be well pulverized, loose and uniform. 	· .
Plant Selection, Fertilization and Seeding Use only high quality, USDA certified seed.	
Use an appropriate species or species mixture adapted to local climate, soil con according to the table on the following page. Consult with the local offic Conservation Service (SCS) or Engineering Extension service as necessary for species and application technique in this area.	e of the U.S. Soil
Seeding rate should be in accordance with the table on the following page or a the SCS or engineering extension service.	
Fertilizer shall be applied according to the manufacturer's recommendation wi equipment. Typical application rate for 10-10-10 grade fertilizer is 700-1000 OVER APPLY FERTILIZER.	
 If hydro-seeding is used, do not mix seed and fertilizer more than 30 minutes be Evenly apply seed using cyclone seeder, seed drill, cultipacker or hydroseeder. Provide adequate water to aid in establishment of vegetation. 	fore application.
Use appropriate mulching techniques where necessary. LIMITATIONS	
Vegetation is not appropriate for areas subjected to heavy pedestrian or vehicular traff technique, vegetation may be costly when compared to other techniques.	
Vegetation is not appropriate for rock, gravel or coarse grained soils unless 4 to 6 i applied.	nenes or ropson is
MAINTENANCE REQUIREMENTS Protect newly seeded areas from excessive runoff and traffic until vegetation is establish fertilizing schedule will be required as part of the SWPPP to assist in the establishment of	
	-
•••	
·	
Specifi	ication Section N/A
Detail	N/A

want

Temporary Vegetation Table

Vegetation - The following plants are commonly used for temporary cover in Texas. For optimum planting dates and adaptations for a specific soil or site, contact your local field office of the Soil Conservation Service.

Wildlife Food Value	a			6	<u> </u>	Δ.	۵	۵	മ
Source	၁	ပ	O	ပ	O	O	O	<u>၂</u>	ි ට
Planting Date	8/15 thru 9/30	4/1 thru 5/15	8/15 thru 9/30	3/15 thru 5/15	5/1 thru 5/15	8/15 thru 9/30	8/15 thru 9/30	2/1 thru 5/15	4/1 thru 5/15
Planting Rate	30#/ Acre	40#/ Acre	3 bu / Acre	25#/ Acre	40#/ Acre	1.5 bu / Acre	30#/ Acre	3.4#/ Acre	40#/ Acre
Solls	¥	₹	¥	₹	₹	₹	₹	₩	=
Veg, Area Adapt. 1	₹	III.	All	₹	All	W	₹	₹ .	~
Species	Cane, Redtop	Millet, German	Oats	Panicum, Texas	Prosomillet	Hye, Elbon	Ryegrass, Annual	Sprangletop, Green	Sudangrass

¹ Vegetative Area Adaptation: As taken from 'Texas Plants - A Checklist and Ecological Summary', MP-585, June 1962, Dr. F. W. Gould

The planting date represents a statewide spread in planting dates. Refer to local guides for specific dates.

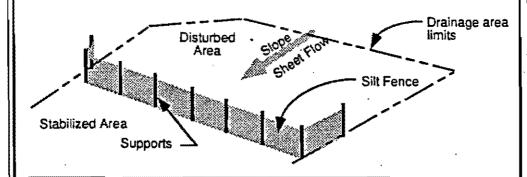
Sources: C - Commercial Wildlife Food Value: B - Bird

D - Deer

Adapted from Erosion and Sediment Control Guidelines For Developing Areas in Texas, U.S. Department of Agriculture, Soil Conservation Service, 1976.

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Silt Fence



Applications

Perimeter Control

Slope Protection

Sediment Trapping

Channel Protection

Temporary Stabilization

Permanent Stabilization

Waste Management

Housekeeping Practices

DESCRIPTION

A silt fence consists of geotextile fabric supported by poultry netting or other backing stretched between either wooden or metal posts with the lower edge of the fabric securely embedded in the soil. The fence is typically located downstream of disturbed areas to intercept runoff in the form of sheet flow. Silt fence provides both filtration and time for sedimentation to reduce sediment and it reduces the velocity of the runoff. Properly designed silt fence is economical since it can be re-located during construction and re-used on other projects.

PRIMARY USE

Silt fence is normally used as perimeter control located downstream of disturbed areas. It is only feasible for non-concentrated, sheet flow conditions.

APPLICATIONS

Silt fence is an economical means to treat overland, non-concentrated flows for all types of projects. Silt fences are used as perimeter control devices for both site developments and linear (roadway) type projects. They are most effective with coarse to silty soil types. Due to the potential of clogging, silt fence should not be used with clay soil types.

In order to reduce the length of silt fence, it should be placed adjacent to the down slope side of the construction activities.

DESIGN CRITERIA

- Fences are to be constructed along a line of constant elevation (along a contour line) where possible.
- Maximum slope adjacent to the fence is 1:1.
- Maximum distance of flow to silt fence should be 200 feet or less.
- Maximum concentrated flow to silt fence shall be 1 CFS per 20 feet of fence.
- If 50% or less of soil, by weight, passes the U.S. Standard sieve No. 200, select the equivalent opening size (E.O.S.) to retain 85% of the soil.
- Maximum equivalent opening size shall be 70 (#70 sieve).
- Minimum equivalent opening size shall be 100 (#100 sieve).
- If 85% or more of soil, by weight, passes the U.S. Standard sieve No. 200, silt fences shall not be used due to potential clogging.

Targeted Constituents

- Sediment
- O Nutrients Toxic Materials
- O Oil & Grease
- Fioatable Materials
- O Other Construction Wastes

Implementation Requirements

- Capital Costs
- Maintenance
- O Training
- Suitability for Slopes >5%

Legend

- Significant Impact
- Medium Impact
- O Low impact
- ? Unknown or Questionable Impact

Fe = 0.75

S-1



North Central Texas
Council of Governments

Silt Fence

- Sufficient room for the operation of sediment removal equipment—shall be provided between the silt fence and other obstructions in order to properly maintain the fence.
- The ends of the fence shall be turned upstream to prevent bypass of stormwater.

LIMITATIONS

Minor ponding will likely occur at the upstream side of the silt fence resulting in minor localized flooding.

Fences which are constructed in swales or low areas subject to concentrated flow may be overtopped resulting in failure of the filter fence. Silt fences subject to areas of concentrated flow (waterways with flows > 1 cfs) are not acceptable.

Silt fence can interfere with construction operations, therefore planning of access routes onto the site is critical.

Silt fence can fail structurally under heavy storm flows, creating maintenance problems and reducing the effectiveness of the system.

MAINTENANCE REQUIREMENTS

Inspections should be made on a weekly basis, especially after large storm events. If the fabric becomes clogged, it should be cleaned or if necessary, replaced.

Sediment should be removed when it reaches approximately one-half the height of the fence.

Specification Section B

Detail ID 2020

Stabilized Construction Entrance

Wash Rack (Optional)

Stabilized Construction
Entrance

Flow to treatment barrier
such as silt fence

Width

Applications

Perimeter Control

Slope Protection

Sediment Trapping

Channel Protection

Temporary Stabilization

Permanent Stabilization

Waste Management

Housekeeping Practices

DESCRIPTION

A stabilized construction entrance consists of a pad consisting of gravel, crushed stone, recycled concrete or other rock like material on top of geotextile filter cloth to facilitate the wash down and removal of sediment and other debris from construction equipment prior to exiting the construction site. For added effectiveness, a wash rack area can be incorporated into the design to further reduce sediment tracking. For long term projects, cattle guards or other type of permanent rack system can be used in conjunction with a wash rack. This directly addresses the problem of silt and mud deposition in roadways used for construction site access.

PRIMARY USE

Stabilized construction entrances are used primarily for sites in which significant truck traffic occurs on a daily basis. It reduces the need to remove sediment from streets. If used properly, it also directs the majority of traffic to a single location, reducing the number and quantity of disturbed areas on the site and providing protection for other structural controls through traffic control.

APPLICATIONS

Stabilized construction entrances are a required part of the erosion control plan for all site developments larger than 5 acres and a recommended practice for all construction sites. It is not suitable for long, linear projects. If possible, small entrances should be incorporated into small lot construction due to the large percentage of disturbed area on the site and the high potential for offsite tracking of silt and mud.

DESIGN CRITERIA

- Stabilized construction entrances are to be constructed such that drainage across the entrance is directed to a controlled, stabilized outlet on site with provisions for storage proper filtration and removal of wash water.
- The entrance must be properly graded so that storm water is not allowed to leave the site and enter roadways.
- Minimum width of entrance shall be 15 feet, but in no case shall the width be less than that of the entry way to be used.
- Minimum depth of entrance shall be 8 inches for the entire length of the control.

Targeted Constituents

- Sediment
- O Nutrients Toxic Materials
- O Oil & Grease
- O Floatable Materials
- O Other Construction Wastes

Implementation Requirements

- Capital Costs
- Maintenance
- O Training
- O Suitability for Slopes >5%

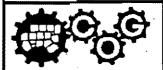
Legend

- Significant Impact
- Medium Impact
- O Low Impact
- ? Unknown or

Questionable Impact

Fe = N/A

S-9



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Council of Governments

Stabilized Construction Entrance

Minimum dimensions for the entrance shall be as follows:

Tract Area	Avg. Lot Depth	Min. Width of Entrance	Min. Depth of Entrance
< 1 Acre	100 feet	15 feet	20 feet
< 5 Acres	200 feet	20 feet	30 feet
< 10 Acres	> 200 feet	20 feet	. 40 feet
> 10 Acres	> 200 feet	25 feet	50 feet

LIMITATIONS

Selection of the construction entrance location is critical in that to be effective, it must be used exclusively.

Stabilized entrances are rather expensive considering that it must be installed in combination with one or more other sediment control techniques, but it may be cost effective compared to labor intensive street cleaning.

MAINTENANCE REQUIREMENTS

Inspections should be made on a regular basis and after large storm events in order to ascertain whether or not sediment and pollution are being effectively detained on site.

When sediment has substantially clogged the void area between the rocks, the aggregate mat must be washed down or replaced.

Periodic re-grading and top dressing with additional stone must be done to keep the efficiency of the entrance from diminishing.

Specification Section
G
Detail ID 2070

Solid Waste Management

DESCRIPTION

Large volumes of solid waste are often generated at construction sites including: packaging, pallets, wood waste, concrete waste, soil, electrical wiring, cuttings, and a variety of other materials. The solid waste management practice lists techniques to minimize the potential of storm water contamination from solid waste through appropriate storage and disposal practices.

PRIMARY USE

These practices should be a part of all construction practices. By limiting the trash and debris on site, storm water quality is improved along with reduced clean up requirements at the completion of the project.

APPLICATIONS

The solid waste management practice for construction sites is based on proper storage and disposal practices by construction workers and supervisors. Key elements of the program are education and modification of improper disposal habits. Cooperation and vigilance is required on the part of supervisors and workers to ensure that the recommendations and procedures are followed. Following are lists describing the targeted materials and recommended procedures:

Targeted Solid Waste Materials

Paper and cardboard containers Plastic packaging Styrofoam packing and forms Insulation materials (non-hazardous) Wood pallets Wood cuttings Pipe and electrical cuttings Concrete, brick, and mortar waste Shingle cuttings and waste Roofing tar Steel (cuttings, nails, rust residue) Gypsum board cuttings and waste Sheathing cuttings and waste Miscellaneous cutting and waste Food waste Demolition waste

Storage Procedures

- Wherever possible, minimize production of solid waste materials.
- Designate a foreman or supervisor to oversee and enforce proper solid waste procedures.
- Instruct construction workers in proper solid waste procedures.
- D Segregate potentially hazardous waste from non-hazardous construction site debris.
- Keep solid waste materials under cover in either a closed dumpster or other enclosed trash container that limits contact with rain and runoff.
- Store waste materials away from drainage ditches, swales and catch basins.

Applications

Perimeter Control

Slope Protection

Sediment Trapping

Channel Protection

Temporary Stabilization

Permanent Stabilization

Waste Management

Housekeeping Practices

Targeted Constituents

- O Sediment
- Nutrients
 Toxic Materials
- O Oil & Grease
- Floatable Materials
- Other Construction Wastes

implementation Requirements

- Capital Costs
- Maintenance
- Training
- O Suitability for Slopes >5%

Legend

- Significant Impact
- Medium Impact
- O Low Impact
- ? Unknown or Questionable Impact

W-1



North Central Texas
Council of Governments

	Solid Waste Management				
0000	Do not allow trash containers to overflow. Do not allow waste materials to accumulate on the ground. Prohibit littering by workers and visitors. Police site daily for litter and debris. Enforce solid waste handling and storage procedures.				
•	d Procedures				
٥	If feasible, segregate recyclable wastes from non-recyclable waste materials and dispose of properly.				
D	General construction debris may be hauled to a licensed construction debris landfill (typically less expensive than a sanitary landfill).				
8	Use waste facilities approved by local jurisdiction. Runoff which comes into contact with unprotected waste shall be directed into structural treatment such as silt fence to remove debris.				
Eđucati	·				
0	Educate all workers on solid waste storage and disposal procedures. Instruct workers in identification of solid waste and hazardous waste.				
0	Have regular meetings to discuss and reinforce disposal procedures (incorporate in regular safety seminars).				
. 🗖 -	Clearly mark on all solid waste containers which materials are acceptable.				
Quality	Control Foreman and/or construction supervisor shall monitor on-site solid waste storage and disposal procedures. Discipline workers who repeatedly violate procedures.				
Require					
LIMITA	•				
Only addresses non-hazardous solid waste. One part of a comprehensive construction site management program.					
	Specification Section N/A				
•	Detail ID N/A				

Hazardous Waste Management

DESCRIPTION

The hazardous waste management BMP addresses the problem of storm water polluted with hazardous waste through spills or other forms of contact. The objective of the Management Program is to minimize the potential of stormwater contamination from common construction site hazardous wastes through appropriate recognition, handling, storage and disposal practices.

It is not the intent of this Management Program to supersede or replace normal site assessment and remediation procedures. Significant spills and/or contamination warrant immediate response by trained professionals. Suspected job-site contamination should be immediately reported to regulatory authorities and protective actions taken. The General Permit requires reporting of significant spills to the National Response Center (NRC) at (800) 424-8802.

PRIMARY USE

These management practices along with applicable OSHA and EPA guidelines should be incorporated at all construction sites which use or generate hazardous wastes. Many wastes such as fuel, oil, grease, fertilizer and pesticide are present at most construction sites.

INSTALLATION, APPLICATION AND DISPOSAL CRITERIA

The hazardous waste management techniques presented here are based on proper recognition, handling, and disposal practices by construction workers and supervisors. Key elements of the management program are education, proper disposal practices, as well as provisions for safe storage and disposal. Following are lists describing the targeted materials and recommended procedures:

Targeted Hazardous Waste Materials

Paints
Solvents
Stains

Wood preservatives

Cutting oils

Greases

Roofing tar

Pesticides

Fuels & lube oils

Lead based paints (Demolition)

Storage Procedures

- Wherever possible, minimize use of hazardous materials.
- Minimize generation of hazardous wastes on the job-site.
- Segregate potentially hazardous waste from non-hazardous construction site debris.
- Designate a foreman or supervisor to oversee hazardous materials handling procedures.
- Keep liquid or semi-liquid hazardous waste in appropriate containers (closed drums or similar) and under cover.
- Store waste materials away from drainage ditches, swales and catch

Applications

Perimeter Control

Slope Protection

Sediment Trapping

Channel Protection

Temporary Stabilization

Permanent Stabilization

Waste Management

Housekeeping Practices

Targeted Constituents

- O Sediment
- Nutrients
 Toxic Materials
- Oil & Grease
- O Floatable Materials
- Other Construction Wastes

Implementation Requirements

- Capital Costs
- Maintenance
- Training
- O Suitability for Slopes >5%

Legend

- Significant Impact
- Medium Impact
- O Low Impact
- ? Unknown or

Questionable impact

W-2



North Central Texas
Council of Governments

Hazardous Waste Management

·	1				
basins. Use containment berms in fueling and maintenance areas and where the potential for spills is high. Ensure that adequate hazardous waste storage volume is available. Ensure that hazardous waste collection containers are conveniently located. Do not allow potentially hazardous waste materials to accumulate on the ground. Enforce hazardous waste handling and disposal procedures. Clearly mark on all hazardous waste containers which materials are acceptable for the container.	•				
Disposal Procedures Regularly schedule hazardous waste removal to minimize on-site storage. Use only reputable, licensed hazardous waste haulers.	,				
 Education Instruct workers in identification of hazardous waste Educate workers of potential dangers to humans and the environment from hazardous wastes Instruct workers on safety procedures for common construction site hazardous wastes Educate all workers on hazardous waste storage and disposal procedures Have regular meetings to discuss and reinforce identification, handling and disposal procedures (incorporate in regular safety seminars) Establish a continuing education program to indoctrinate new employees. 	•				
Foreman and/or construction supervisor shall monitor on-site hazardous waste storage and disposal procedures. Educate and if necessary, discipline workers who violate procedures. Ensure that the hazardous waste disposal contractor is reputable and licensed.					
Requirements Job-site hazardous waste handling and disposal education and awareness program.	,				
Costs ☐ Possible modest cost impact for additional hazardous storage containers. ☐ Small cost impact for training and monitoring. ☐ Potential cost impact for hazardous waste collection and disposal by licensed hauler - actual cost depends on type of material and volume.	•				
LIMITATIONS This practice is not intended to address site-assessments and pre-existing contamination. Major contamination, large spills and other serious hazardous waste incidents require immediate response from specialists. Demolition activities and potential pre-existing materials, such as asbestos, are not addressed by this program. Site specific information on plans is necessary. Contaminated soils are not addressed. One part of a comprehensive construction site waste management program.					

Concrete Waste Management

DESCRIPTION

Concrete waste at construction sites comes in two forms; 1) excess fresh concrete mix including truck and equipment washing, and 2) concrete dust and concrete debris resulting from demolition. Both forms have the potential to impact water quality through storm water runoff contact with the waste.

PRIMARY USE

Concrete waste is present at most construction sites. This BMP should be utilized at sites in which concrete waste is present.

APPLICATIONS

A number of water quality parameters can be affected by introduction of concrete - especially fresh concrete. Concrete affects the pH of runoff, causing significant chemical changes in water bodies and harming aquatic life. Suspended solids in the form of both cement and aggregate dust are also generated from both fresh and demolished concrete waste.

Current Unacceptable Waste Concrete Disposal Practices

- Dumping in vacant areas on the job-site
- D Micit dumping off-jobsite
- Dumping into ditches or drainage facilities

Recommended Disposal Practices

- Avoid unacceptable disposal practices listed above.
- Develop pre-determined, safe concrete disposal areas.
- O Provide a washout area with a minimum of 6 cubic feet of containment area volume for every 10 cubic yards of concrete poured.
- O Never dump waste concrete illicitly or without property owners knowledge and consent.
- Treat runoff from storage areas through the use of structural controls as required.

Education

- Drivers and equipment operators should be instructed on proper disposal and equipment washing practices (see above).
- Supervisors must be made aware of the potential environmental consequences of improperly handled concrete waste.

Enforcement

- The construction site manager or foreman must ensure that employees and pre-mix companies follow proper procedures for concrete disposal and equipment washing.
- Employees violating disposal or equipment cleaning directives must be re-educated or disciplined if necessary.

Demolition Practices

- Monitor weather and wind direction to ensure concrete dust is not entering drainage structures and surface waters.
- O Where appropriate, construct sediment traps or other types of sediment detention devices downstream of demolition activities.

Applications

Perimeter Control

Slope Protection

Sediment Trapping

Channel Protection

Temporary Stabilization

Permanent Stabilization

Waste Management

Housekeeping Practices

Targeted Constituents

- O Sediment
- O Nutrients Toxic Materials
- O Oil & Grease
- O Floatable Materials
- Other Construction Wastes

Implementation Requirements

- **○** Capital Costs
- Maintenance
- Training
- O Suitability for Slopes >5%

Legend

- Significant Impact
- Medium Impact
- O Low impact
- ? Unknown or Questionable Impact

W-3



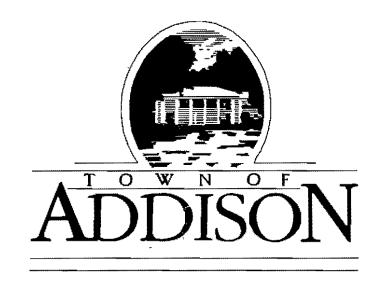
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		Concrete Waste Ma	nagement
	8. A. C.	See the	
	·		·
Require			
0	Use pre-determined disposing Prohibit dumping waste co	ncrete anywhere but pre-determined areas.	` ;
O	Assign pre-determined tru Educate drivers and operat	ck and equipment washing areas. ors on proper disposal and equipment cleaning procedures.	. *
Costs	•		
0	Minimal cost impact for tra	nining and monitoring. ends on availability and distance to suitable disposal areas	
0		in equipment washing could be significant.	
	TIONS		,
	oncrete waste managemen ement program.	t program is one part of a comprehensive construction	site Waste
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PLANS FOR THE CONSTRUCTION OF SITE IMPROVEMENTS INCLUDING: DEMOLITION AND SITE GRADING

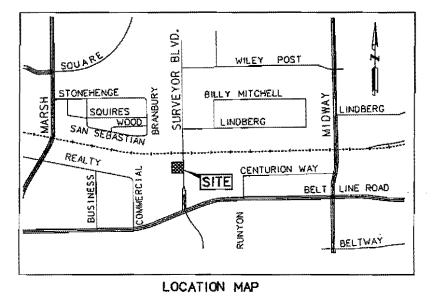
NILE PROPERTIES DEMOLITION

PROPOSED ARAPAHO ROAD AT SURVEYOR BOULEVARD



SHEET INDEX

- 1 COVER SHEET
- ROW MAP
- 3 REMOVAL PLAN
- 4 GRADING PLAN
- 5 STORM WATER POLLUTION PREVENTION PLAN
- 6 TRAFFIC CONTROL PLAN



OWNER.

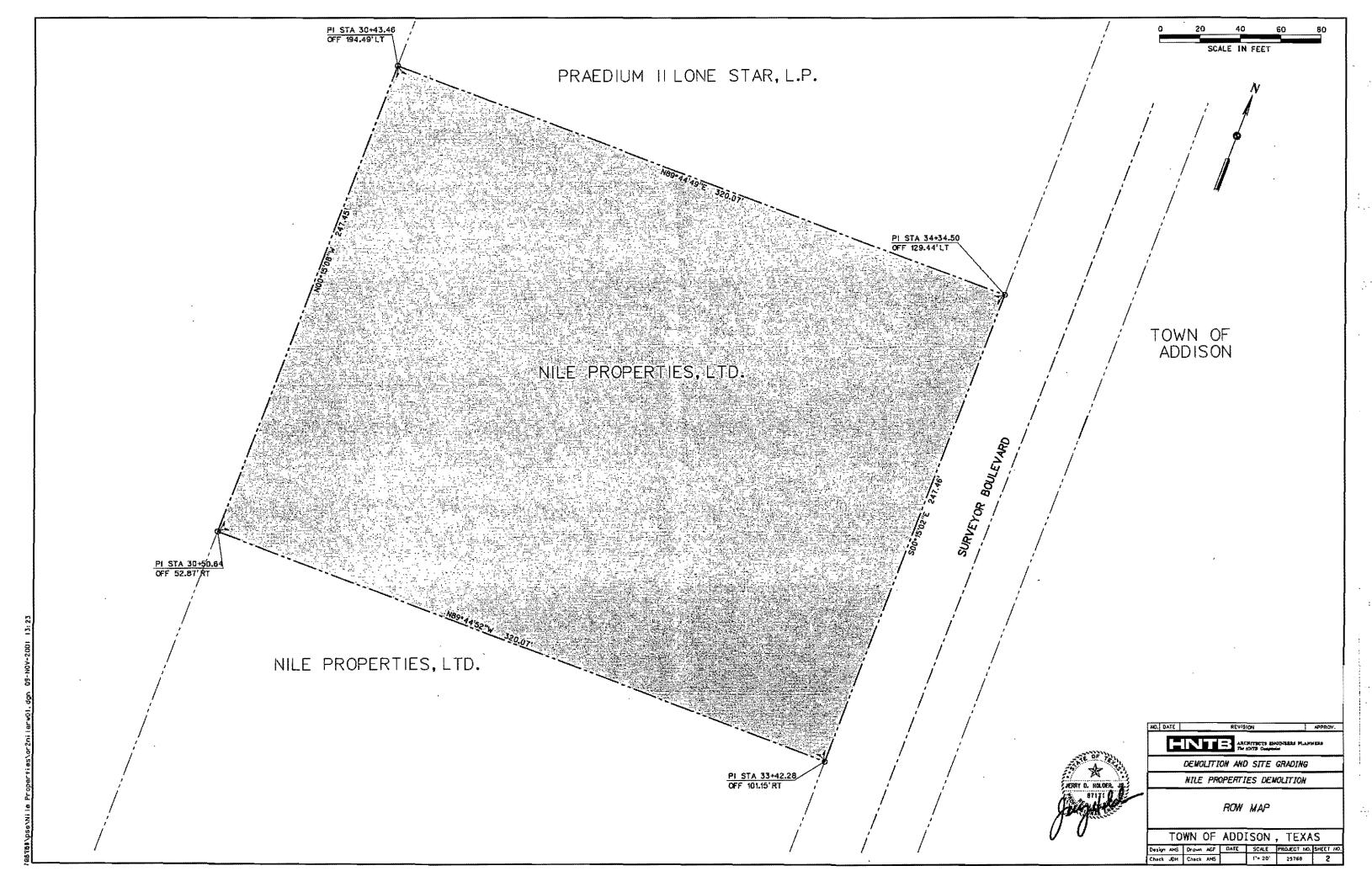
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DEPARTMENT OF PUBLIC WORKS
16801 WESTGROVE
P.O. BOX 144
ADDISON, TEXAS 75001
[972] 450-2871

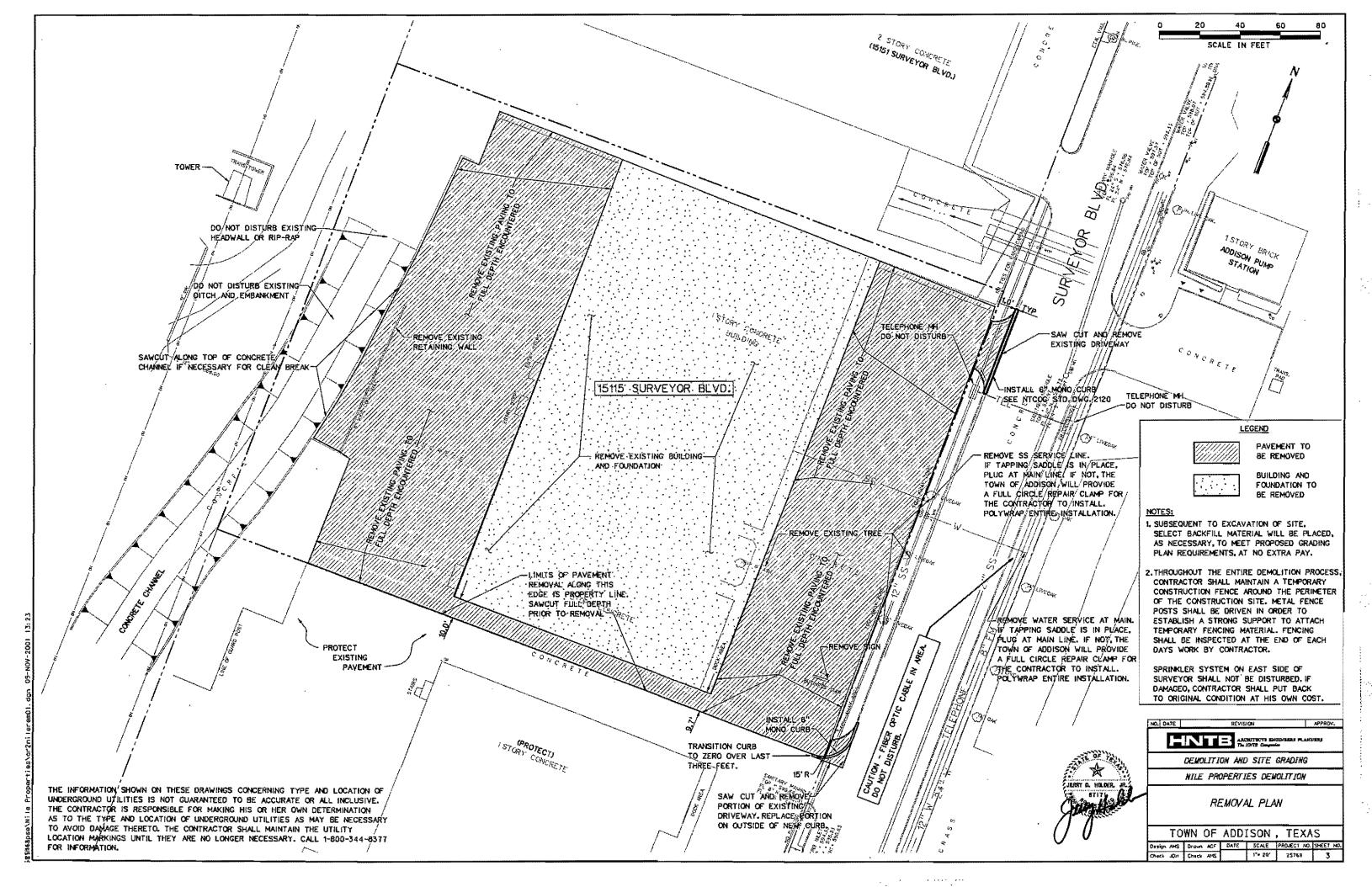
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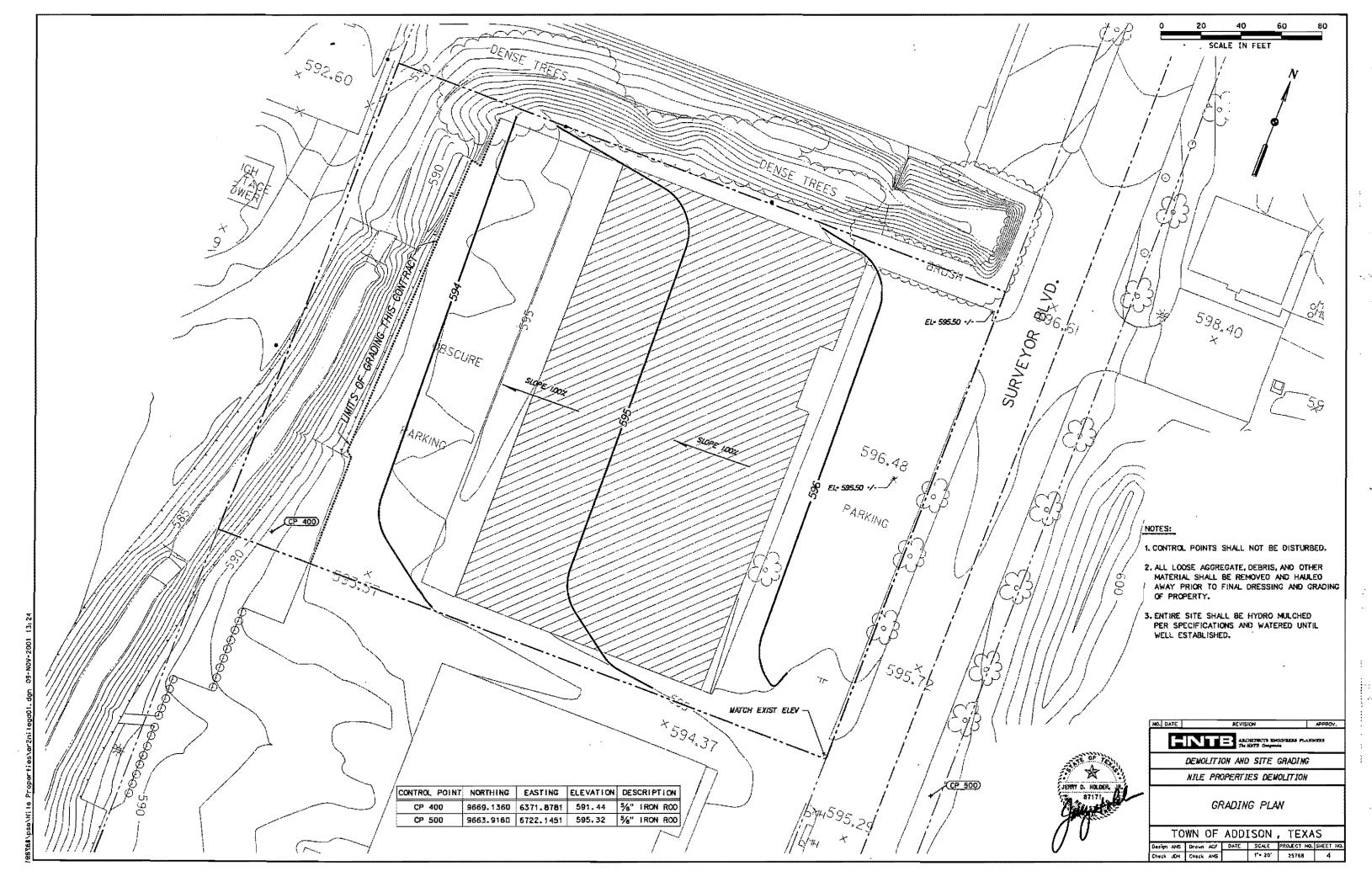
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5910 W. PLANO PARKWAY, SUITE 200
PLANO, TEXAS 75093
(972) 661–5626

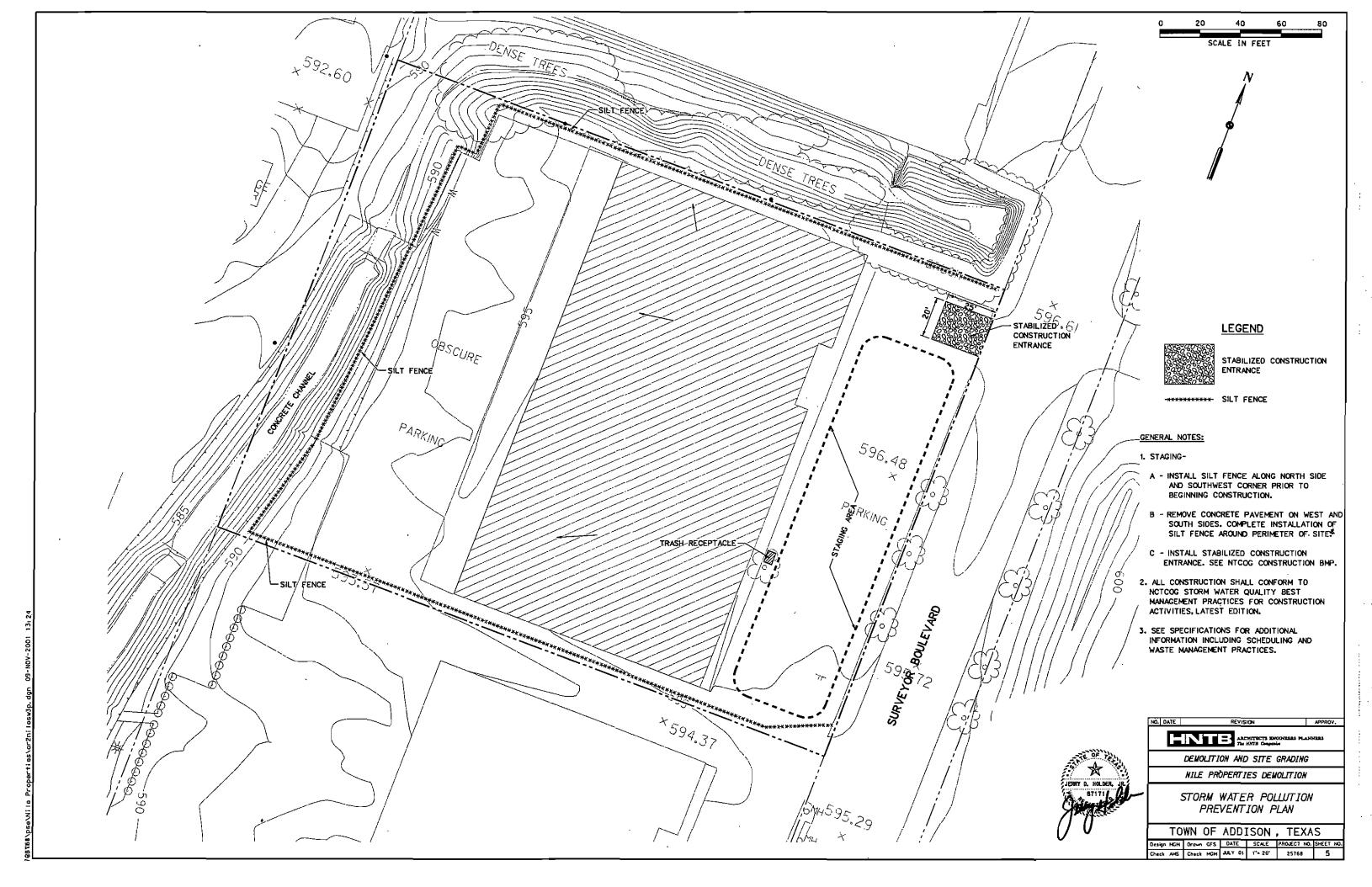


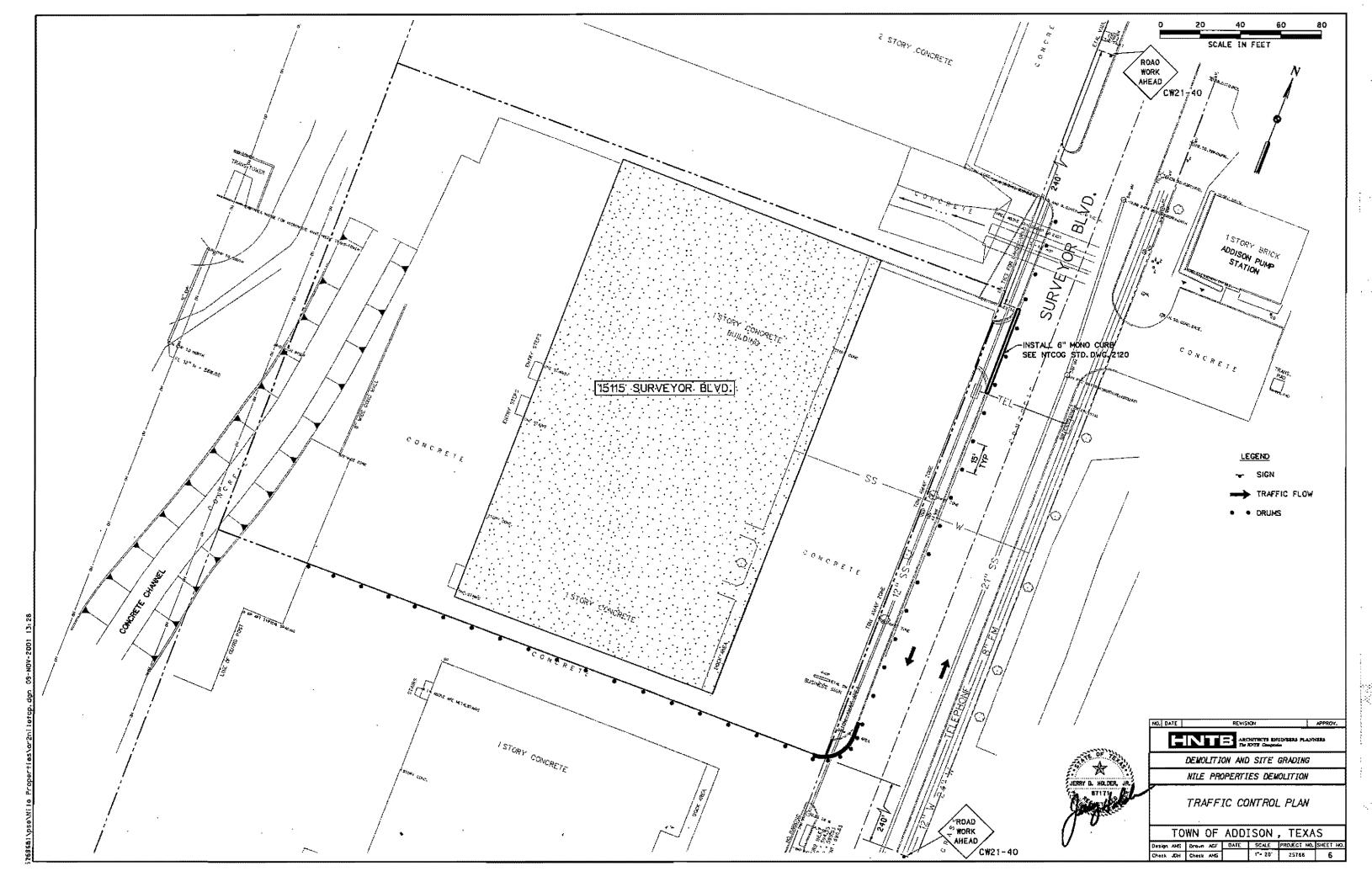
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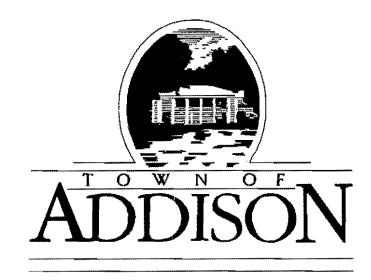




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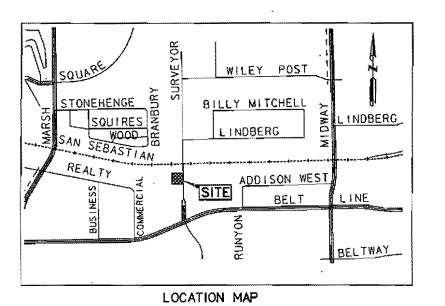
NILE PROPERTIES LIMITED

PROPOSED ARAPAHO ROAD AT SURVEYOR BOULEVARD



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OWNER:

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16801 WESTGROVE
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ENGINEER:

HNTB CORPORATION
1414 DALLAS PARKWAY, SUITE 630
DALLAS, TEXAS 75240
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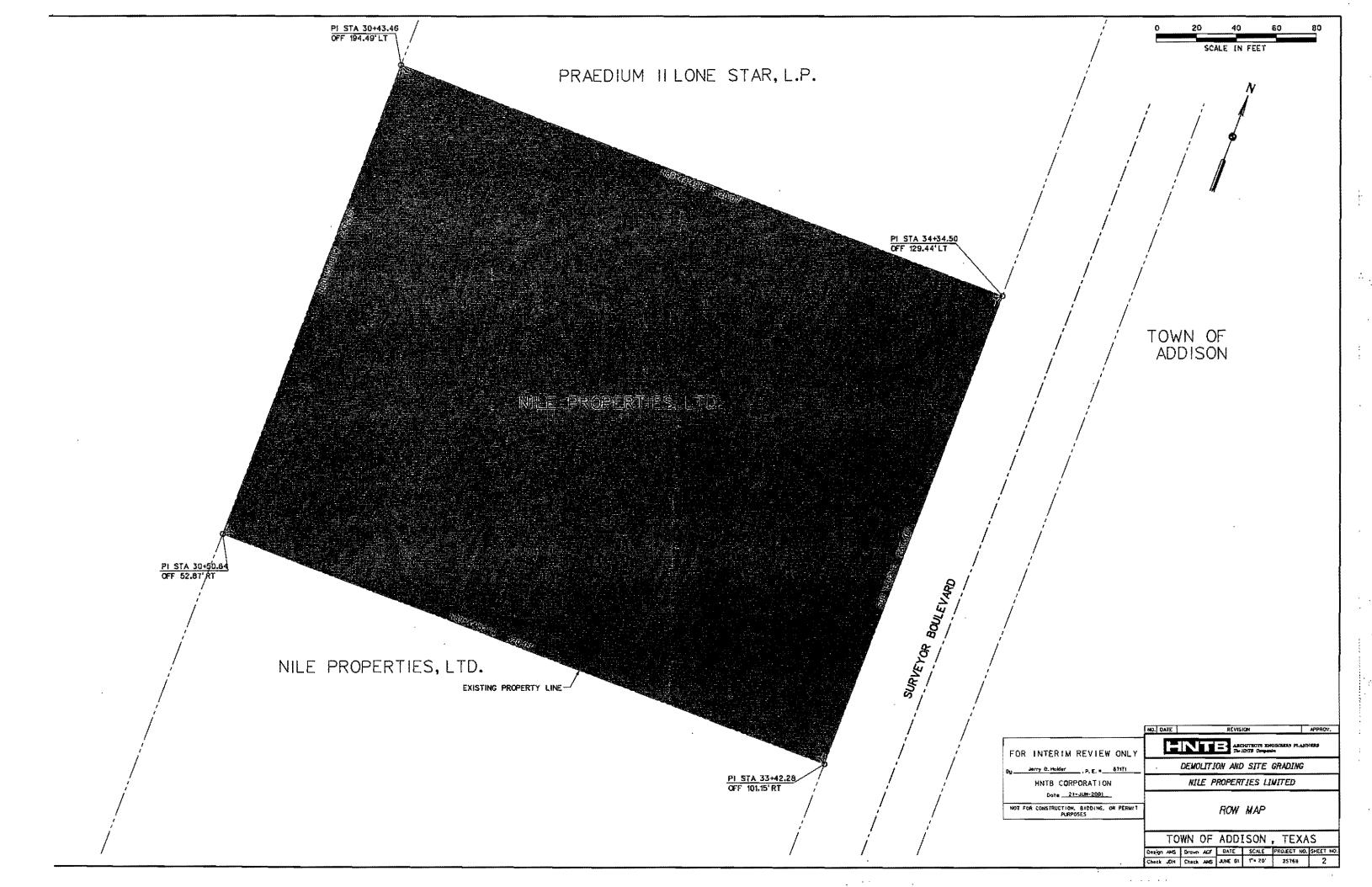
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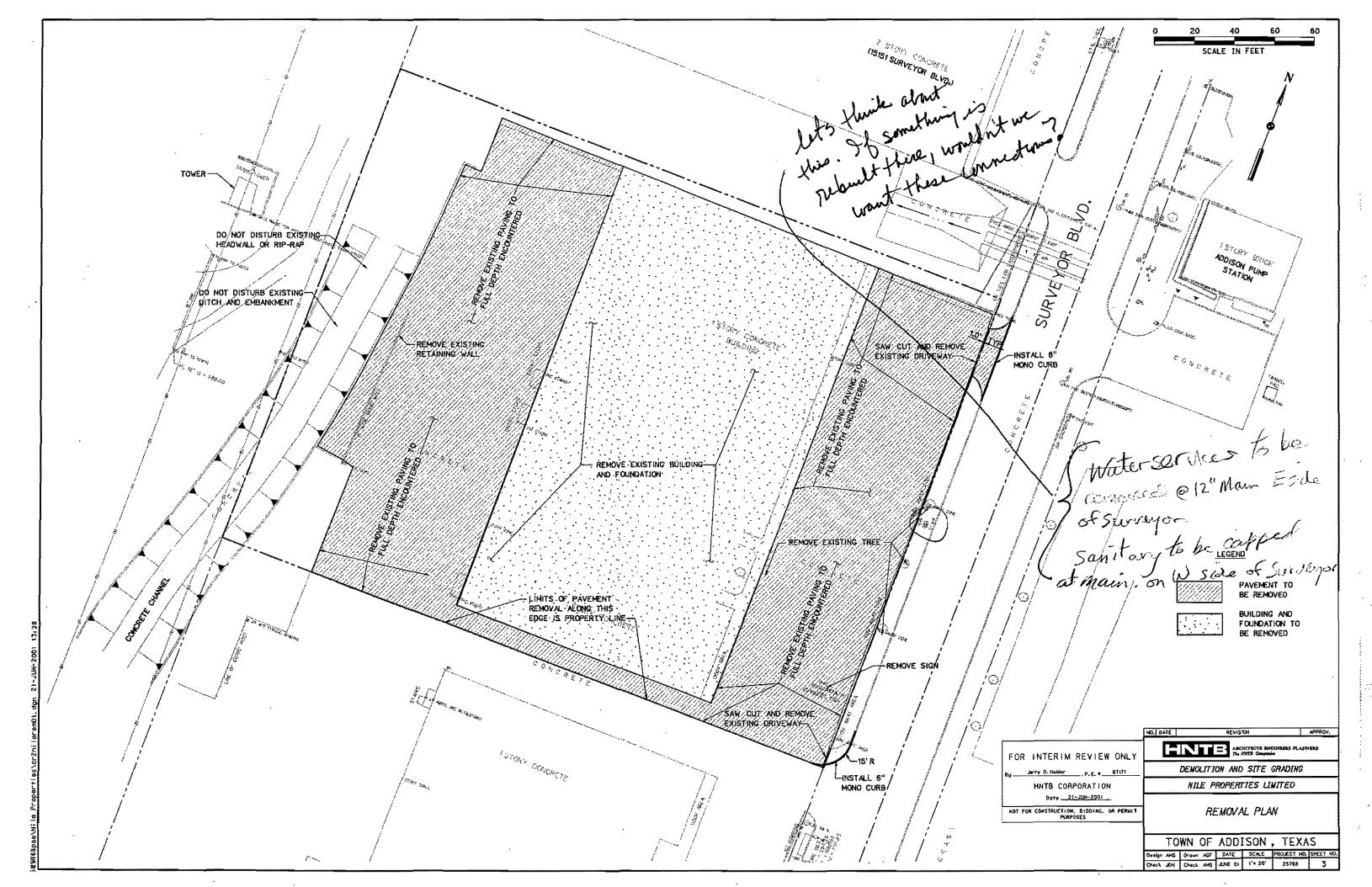
HNTB CORPORATION

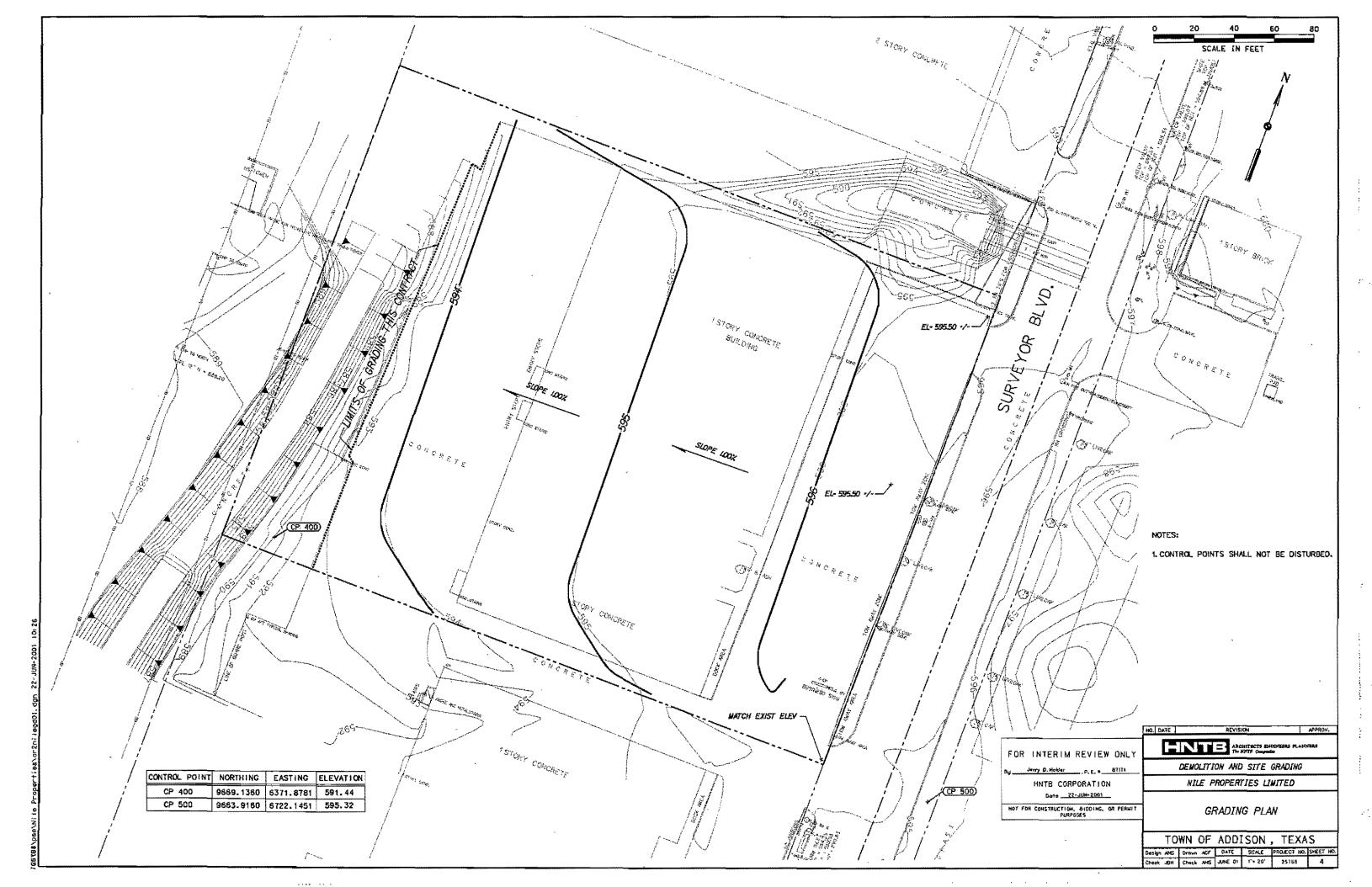
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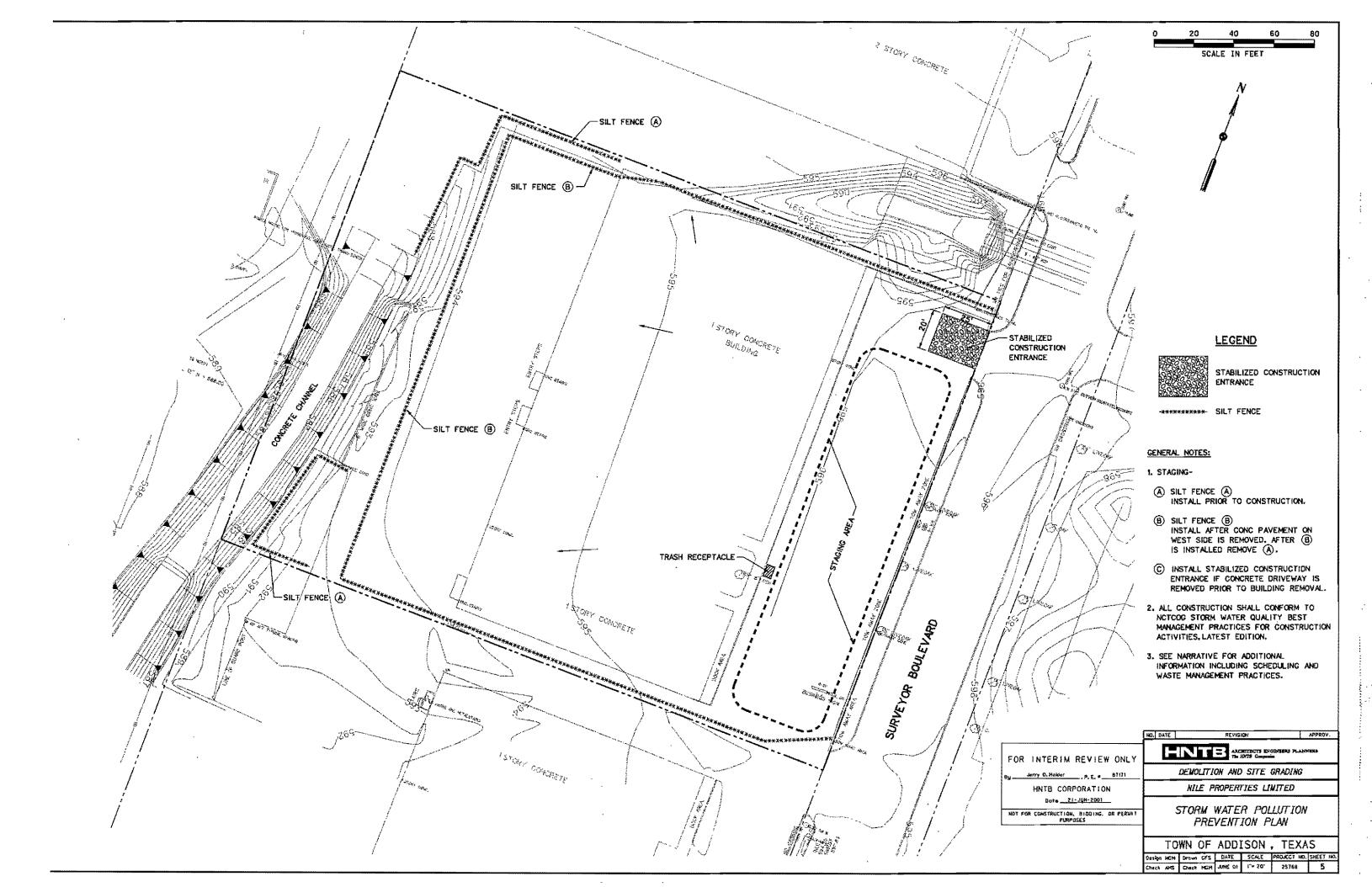
HOT FOR CONSTRUCTION, BIDDING, OR PERMIT PURPOSES

ARCHITECTS EMPLOYERS PLANNERS





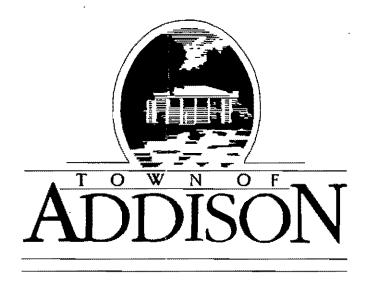




PLANS FOR THE CONSTRUCTION OF SITE IMPROVEMENTS INCLUDING: DEMOLITION AND SITE GRADING

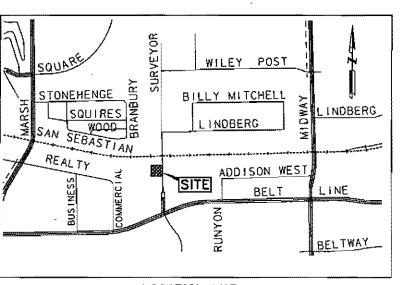
NILE PROPERTIES LIMITED

PROPOSED ARAPAHO ROAD AT SURVEYOR BOULEVARD



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LOCATION MAP

Revened 6/27/0/

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TOWN OF ADDISON DEPARTMENT OF PUBLIC WORKS ADDISON, TEXAS 75001 (972) 450-2888

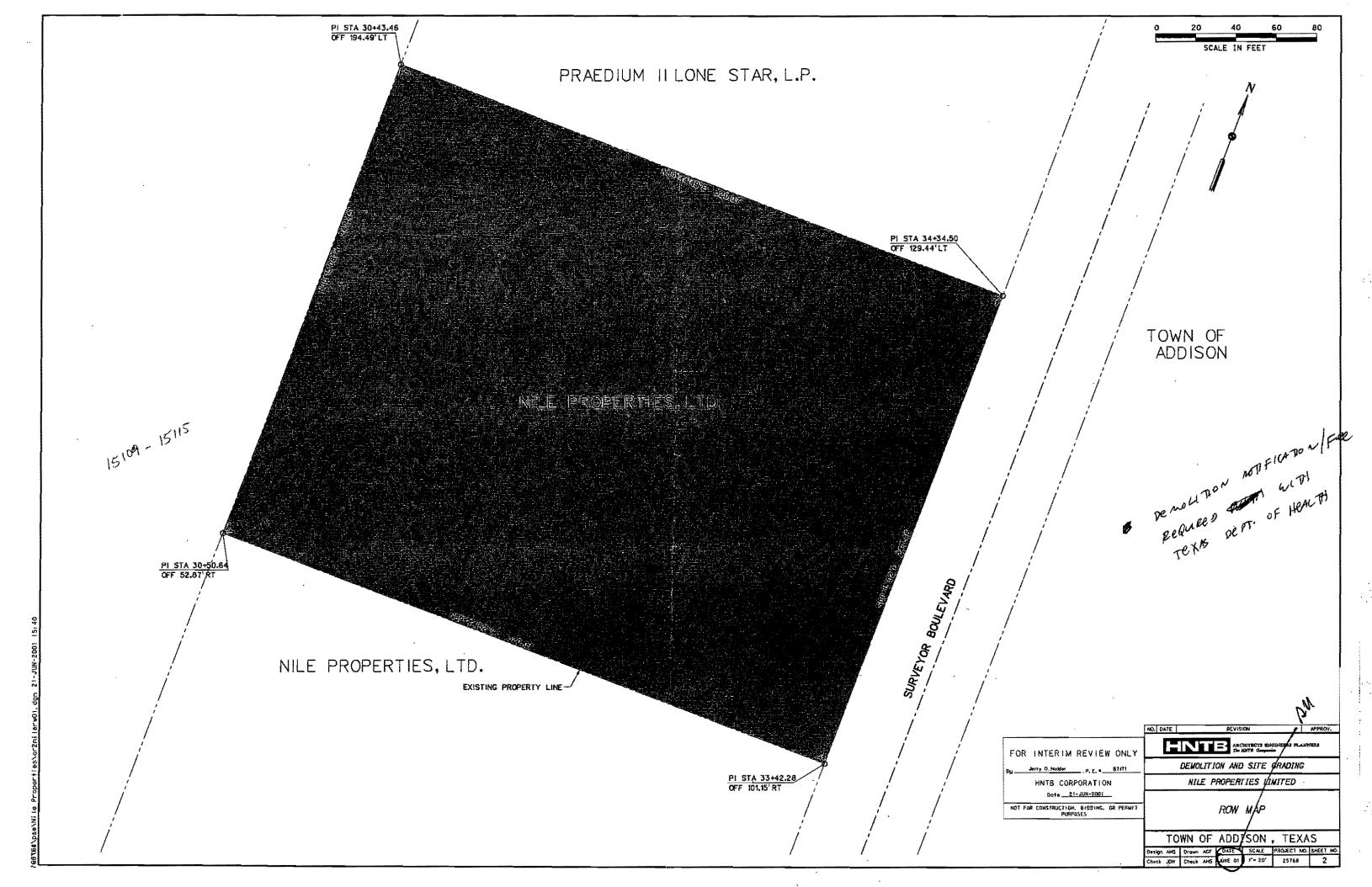
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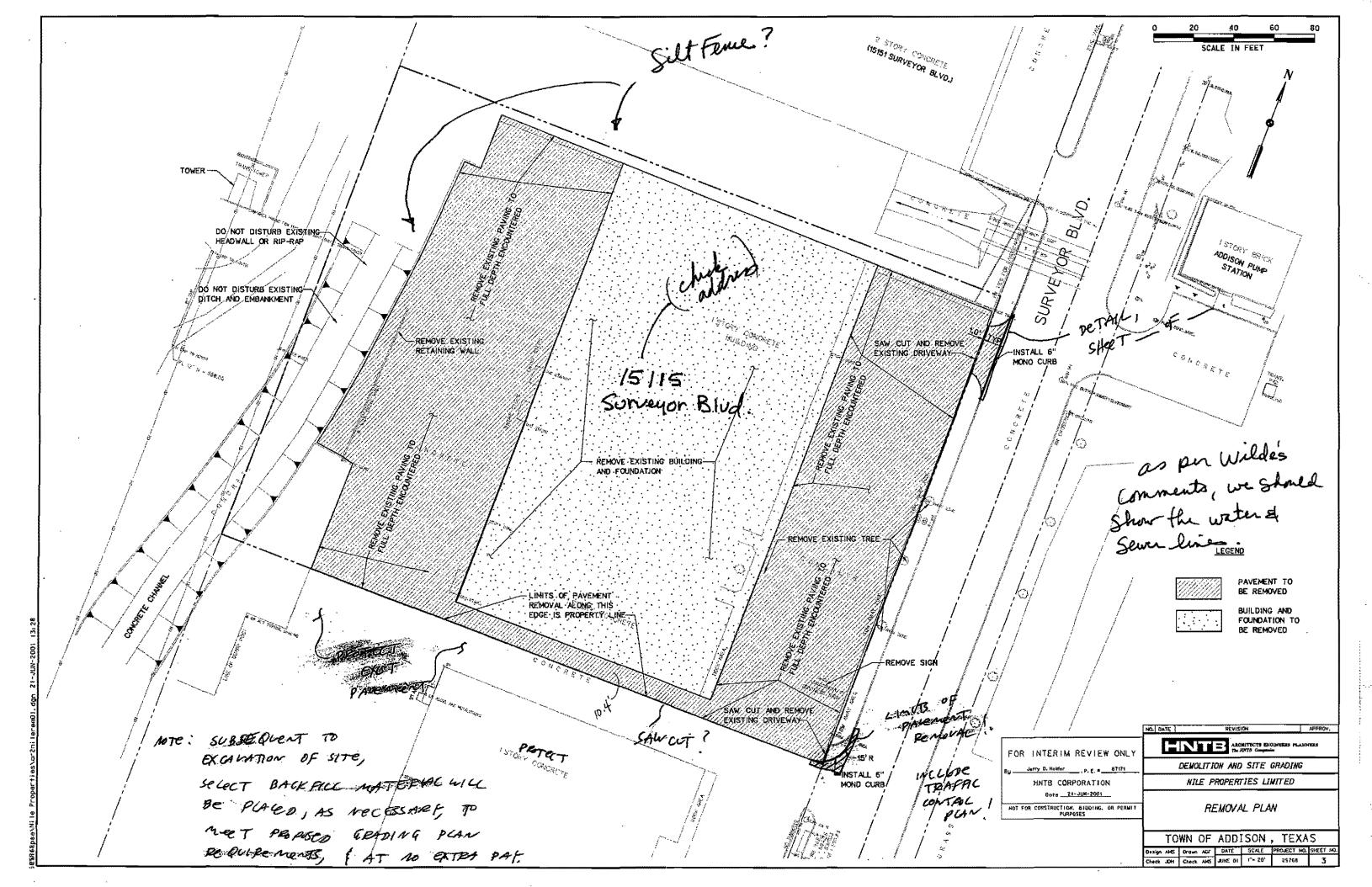
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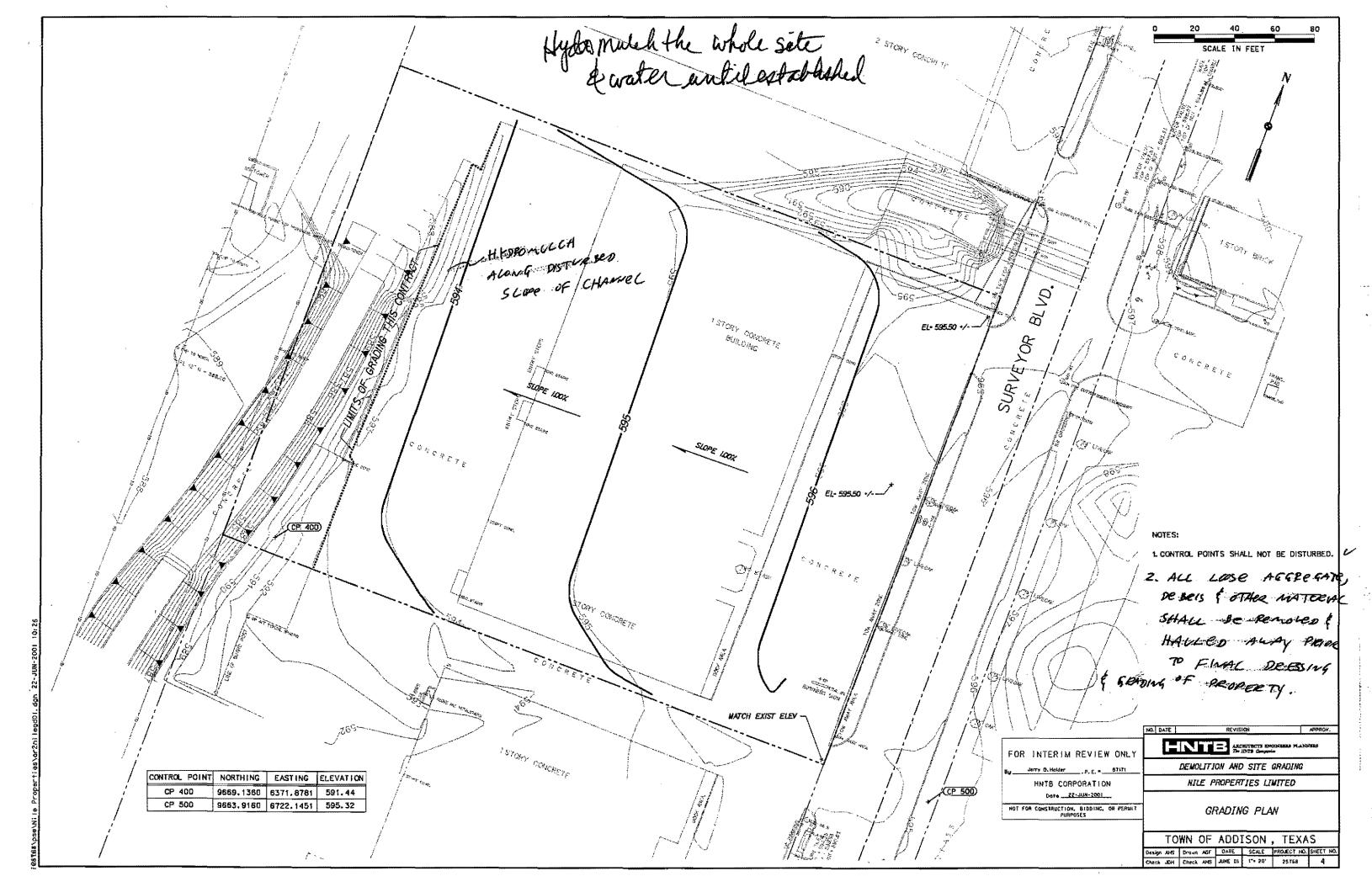
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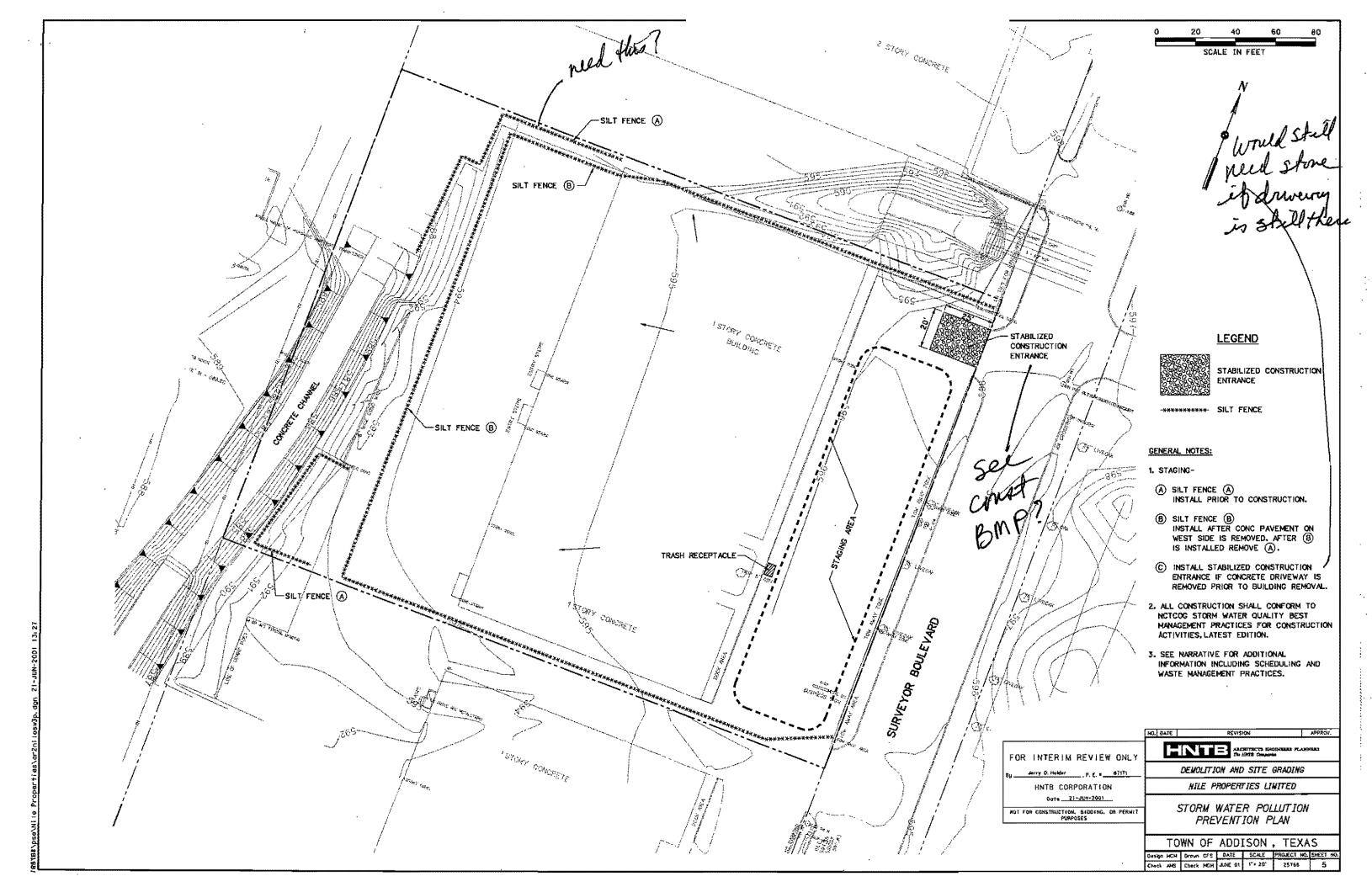
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HNTE ARCHITECTS EN



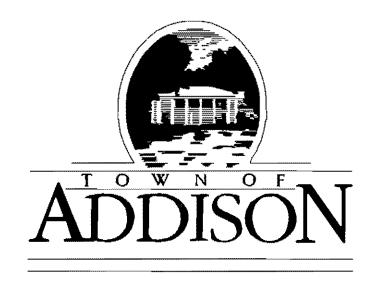






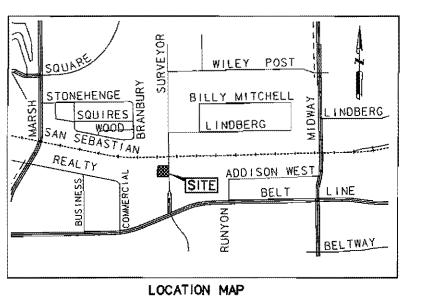
NILE PROPERTIES DEMOLITION

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16801 WESTGROVE
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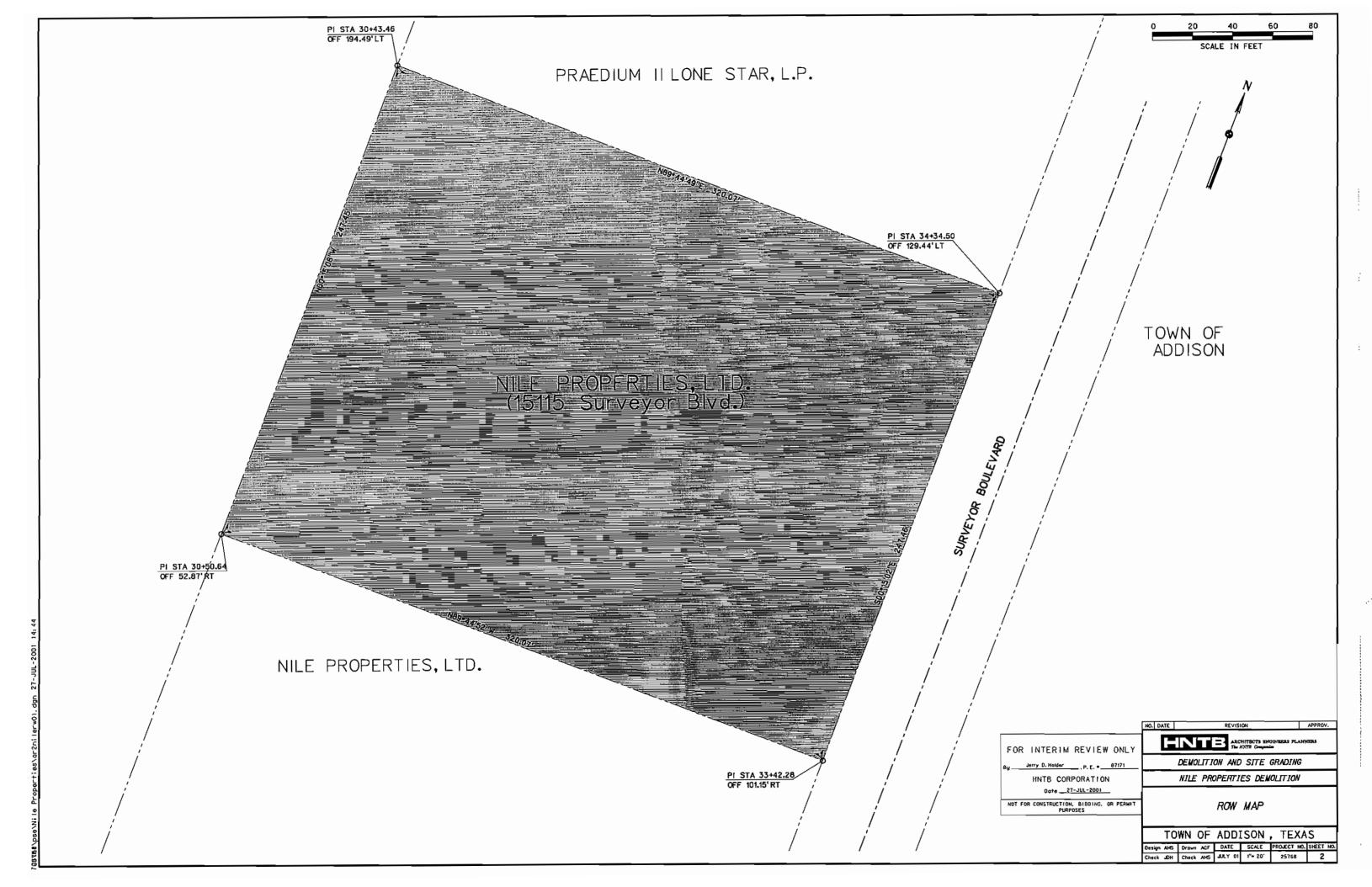
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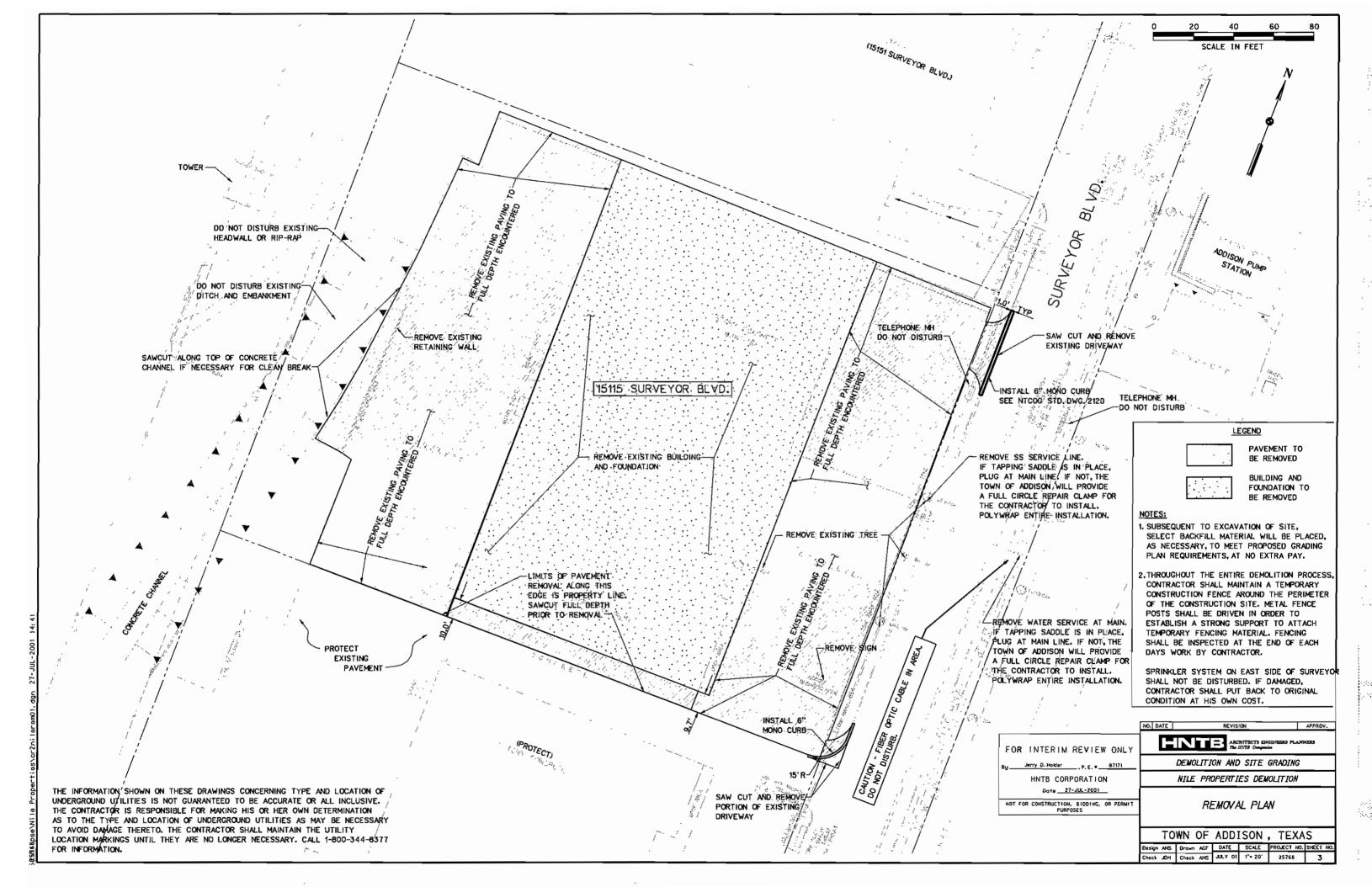
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Date 27-JUL-2001

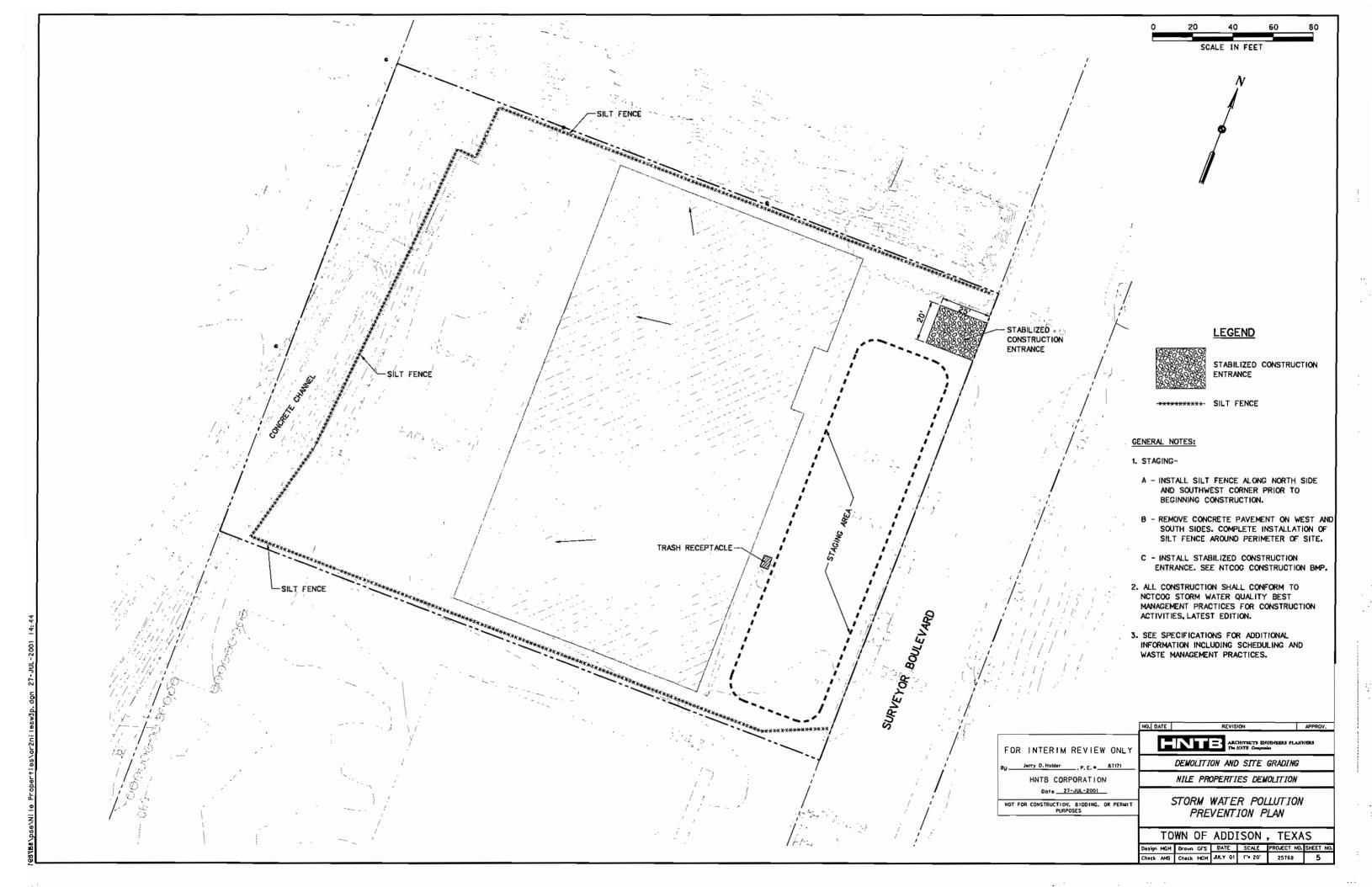
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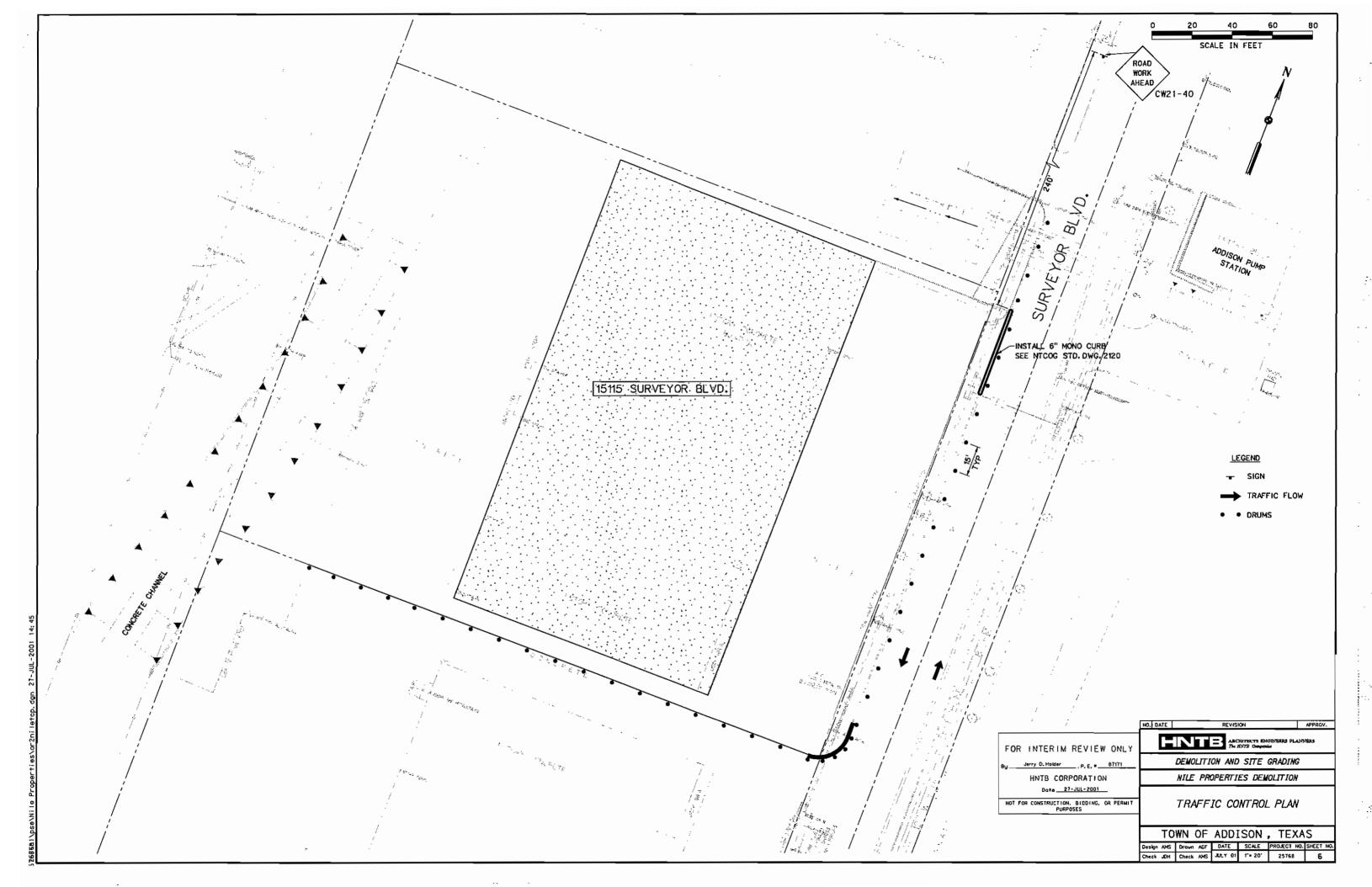
ENTE ARCESTRATE ENGINEERS PLANNERS











	ACTION TAKEN	Added.	Added.	Added to Item E in the Instructions To Bidders, This is also stated in the Advertisement.	Reviewed with Town. Deleted per discussion.	Deleted.	No - per instructions from Steve Chutchian, a two (2) year time period is desired by the Town. No change made.	Changed.	Changed.	Changed.	Added section referring to NTCOG specs.		ACTION TAKEN	Replaced with "Special Provisions"	Moved to Instructions to Bidders section.	Added.	Yes,	Added.	Delete	Added.
	COMMENT	Change description to add "and restoration"	Change description to add "and restoration" A	Add note stating all bidders must attend the A Pre-bid Meeting.	Section J - Delete "taxes" from first sentence.	Section Q - Delete "and operational" from first sentence.	Section X - Is one (1) year OK for the Maintenance Bond time period?	Change 5 calendar days to 10 calendar days after NTP.	Change 5 calendar days to 10 calendar days after NTP.	Change Mr. To Ms.	Do we need to address "Contractors A		COMMENT	Section 1.1.A - Delete "General and Supplemental Conditions and Division 1 Specifications Sections".	Section 1.5.A - Should be part of the bidding Norcess.	Section 1.5.D - Add "If applicable" to end of sentence.	Section 3.1.B - Do we have any Project Record Documents?	Section 3.2.B.3 - Add "except as noted on the plans".	Section 3.2.D - Delete.	Section 3.3.B - Add "remove any utility
FRONTEND	PAGE	AB-2	IB-2	IB-2	IB-3	IB-4	B-6	PF-3	CA-2	SP-2	SP-9	TECHNICAL	PAGE	02221-1	02221-1	02221-2	02221-3	02221-3	02221-3	02221-4
FRO	NO.	÷	તાં	က်	က်	4.	က်	φ.	<u>'</u>	ω	တ်	TEC	N O	-	٥i	တ်	4.	Ŋ	<mark>ဖ</mark> ဲ	7

Deleted.	Replaced.	This is stated in section 3.2.B.1	Changed.	Changed.	Added.	Decision made not to quantify earthwork for project. XXX's deleted from specs.	Added.		ACTION TAKEN	Deleted.	Added.	Changed.	Callout Hydromulch for entire site. Refer to NTCOG specs for details.	Yes. Referred to in spec.	Changed.	Deleted the word "covered".	Corrected.	Yes. Added more detail to description.	Removed from specs.
Section 3.3.C - Delete last sentence.	Section 3.4.B - Replace "Engineering Surveys" with "Hazard Surveys"	Somewhere we should have the contractor contact all utilities connected to the building and have them cut off before work begins.	Section 3.5.E - Change "Demolish foundation" to "Demolish and remove foundation"	Section 3.5.E - Change "2 feet" to "4 feet"	Section 3.7.A - Add "remove all debris over 3" in size"	What do XXX's stand for?	Section 3.7.C - Add "water until established".		COMMENT	Part A - Delete the word "new" in second sentence.	Part B - Add "north and" to first sentence.	Change "will" to "shall"	Vegetative Techniques - conflicts with technical spec calling for hydromulch.	Do we need to refer to BMP Spec?	Vegetative Techniques - delete "twice weekly for two weeks after installation of grass." and replace with "until grass is well established."	Waste Management Practices - don't need a "covered" dumpster.	Waste Management Practices - typo: pain should be paint.	Do we need Concrete Waste Management Section?	Temporary Vegetation Table - Don't need temporary vegetation on this project.
02221-4	02221-4	02221-5	02221-5	02221-5	02221-5	02221-5	02221-5	SW3P.	PAGE	SW3P-1	SW3P-1	SW3P-1	SW3P-2	SW3P-2	SW3P-2	SW3P-2	SW3P-2	SW3P-2	TVT
ωί	တ်	10.	-	5	3.	4.	1 5.	S	NO.	-	oi oi	က်	4.	က်	G	7.	ω	တ်	10.

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ACTION TAKEN	Added note to Instruction To Bidders section	of specs.		ACTION TAKEN	Covered in Special Provisions Section 7 of specifications. Added this agency to Sect. 1.6.C of technical specs.		ACTION TAKEN	Met with Dave Wilde on site. Modified plan sheet per discussion.	Met with Dave Wilde on site. Modified plan sheet per discussion.	Added to sheet.	Yes - It is shown and called out on sheet 5, the SW3P.	Referred to NTCOG Std. Drawing 2120, "Concrete Curb & Gutter".	Met with Dave Wilde on site. Modified plan sheet per discussion.	Added a Traffic Control Sheet.	Notes added to sheet.	Verify existing joint is on property line. If not, add note to saw cut. If so, add note to remove pavement up to existing joint.	Added hatch and callouts showing pavement removal limits.		ACTION TAKEN	Added note to specs to hydromulch with bermuda.	Added note.		ACTION TAKEN	Note added.	Yes, but will change to have only one installation instead of two.
COVER SHEETS NO. COMMENT	-	available to bidders.	O-W MAP	NO.	Demolition notification and fee must be submitted to TX Dept. of Health.	REMOVAL PLAN	NO. COMMENT	Add note stating that Water service will be removed at 12" main on east side of Surveyor Blvd.	2. Add note stating that Sanitary sewer will be capped at main on west side of Surveyor Blvd.	3. Call out the address of the building	4. Is a silt fence needed?	5. Need to show detail of new curb.	6. Show water and sewer lines in the topo.	7. Include a traffic control plan.	Add following notes: "Protect Existing Pavement" and "Protect Existing Building"	 Do we need to saw cut the pavement between the buildings. 	10. Show limits of pavement removal at driveways.	GRADINGPLAN	NO. COMMENT	Hydromulch entire site and water until established.	 Add note "All loose aggregate, debris & other material shall be removed & hauled away prior to final dressing & grading of property. 	SW3F SW3F	NO. COMMENT	Add note to "refer to BMP" to stabilize construction entrance.	2. Do we need silt fence?

ASBESTOS INSPECTION REPORT

FOR

15109-15115 SURVEYOR BOULEVARD ADDISON, TEXAS 75001

PREPARED FOR

TOWN OF ADDISON

DEPARTMENT OF PUBLIC WORKS

ETI ENVIRONMENTAL SERVICES

MESQUITE, TEXAS

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SECTION 4.	ASBESTOS LABORATORY CREDENTIALS AND RESULTS A. ASBESTOS BULK SAMPLE ANALYSIS REPORT B. BULK SAMPLE ANALYSIS C. CHAIN OF CUSTODY D. STEVE MOODY MICRO SERVICES' CERTIFICATIONS & TDH LICENSE
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ETI ENVIRONMENTAL SERVICES

HEALTH LICENSES

EDDIE TAW

DIANNE K. WOO

A. B.

C.

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ETI Environmental Services

4112 VIA BALLENA MESQUITE, TEXAS 75150 (972) 279-9751 Fax (972) 279-6063

November 26, 2001

Town of Addison
Department of Public Works
P. O. Box 9010
Addison, **T**exas 75001

Attention: Mr. Steve Chutchian, Assistant Engineer

Re: Asbestos Inspection Services

15109-15115 Surveyor Boulevard, Addison, Texas 75001

Gentlemen:

As authorized, an asbestos inspection was performed on an office warehouse building located at 15109-15115 Surveyor Boulevard in Addison, Texas on November 14, 2001, by Eddie Taw of ETI Environmental Services.

Results of the inspection and laboratory analysis of bulk samples collected during the inspection are presented herein. Asbestos-containing materials (ACM) as defined by State and Federal regulations are any materials with an asbestos content greater than one (>1%) percent. Non-asbestos containing materials are any materials with an asbestos content of less than one (<1%) percent, and is not regulated under any current Federal, State or Local regulations.

SUMMARY OF ASBESTOS FINDINGS

08 - Sheet Floor Covering

Approximately 158 square feet of sheet floor covering located in the Men's and Women's Restrooms of 15111 Surveyor Blvd., as noted on the Location of ACM Drawing, contains about 65% chrysotile asbestos in the backing material. This material is classified as Category I Non-friable Materials under NESHAP regulations, and it is in good condition.

RECOMMENDATIONS

ETI Environmental Services recommends that the 158 square feet of asbestos-containing floor covering located in the Men's and Women's Restrooms in 15111 Surveyor remain in place for planned demolition activities and disposed of as construction debris.

INSPECTION AND SAMPLING PROCEDURES

All areas of the building were accessible for inspection. A Building Description and a Summary of Homogeneous Areas obtained during the inspection are presented herein.

ETI Environmental Services used a random convenience sampling strategy in order to collect all representative samples of suspect materials, both friable and non-friable. Sample locations were marked with paint or markers, and photographs were taken at each sample location. The Approximate Sample Location Drawing shows the location of each sample taken during the inspection process.

Results of the inspection that identifies sample locations, condition of suspect materials, and asbestos-containing materials present are presented on the Sample and Hazard Assessment Summary.

Assessments of each homogeneous area were made using the NESHAP Regulations and definitions under 40 CFR Part 61.

Asbestos bulk samples were submitted to a qualified independent laboratory, Steve Moody Micro services, Inc., for analysis. The results of these analyses are presented herein.

We thank you for this opportunity to be of service to the Town of Addison. Please call us if you have any questions or need further information.

Respectfully submitted,

ETI ENVIRONMENTAL SERVICES

Dianne K. Woo

BUILDING DESCRIPTION

PROPERTY: 15109-15115 SURVEYOR BOULEVARD, ADDISON, TEX	AS 75001	Pg. 1 of 1
DATE OF INSPECTION: NOVEMBER 14, 2001	CLIENT: TOWN OF ADDISON, DEPT. OF PA	UBLIC WORKS
CONTACT: MR. STEVE CHUTCHIAN, ASSISTANT ENGINEER	PHONE: 972-450-2886	FAX: 972-450-2837

GENERAL BUILDING DESCRIPTION
1. TYPE OF FACILITY: OFFICE WAREHOUSE BUILDING
2. YEAR OF CONSTRUCTION - ORIGINAL: UNKNOWN ADDITIONS: UNKNOWN REMODELING: UNKNOWN
3. TYPE OF BUILDING CONSTRUCTION: TILT-UP CONCRETE WALLS ON CONCRETE SLAB
4. NUMBER OF FLOORS: 1 BASEMENT: NO ATTIC: NO CRAWLSPACE: NO
5. TYPE OF ROOF: BUILT-UP ROOFING ON CORRUGATE METAL DECK
6. TYPE OF WALL - EXTERIOR: CONCRETE INTERIOR: CONCRETE AND SHEETROCK
7. TYPE OF CEILING: 2X4 CEILING PANELS
8. TYPE CEILING ABOVE CEILING: METAL ROOF DECK
9. TYPE OF LIGHTING: INCANOESCENT AND FLOURESCENT
10. TYPE OF SURFACE MATERIAL - CEILING: PANELS WALLS: PAINT
11. TYPE OF FLOORS: CARPET, FLOOR TILE AND FLOOR COVERING ON CONCRETE
12. BOILER ROOM / HOT WATER SYSTEM: HOT WATER HEATERS
13. TYPE OF HVAC: ROOF MOUNTED UNITS
14. BUILDING AREA IN APPROXIMATE SQUARE FOOTAGE: 29,600
GENERAL COMMENTS:
ASBESTOS FINDINGS (MATERIALS WITH CONTENT GREATER THAN 1%):
1. APPROXIMATELY 158 SQUARE FEET OF FLOOR COVERING IN MEN'S AND WOMEN'S RESTROOMS OF 15111 SURVEYOR BLVD. CONTAINS
ABOUT 65% CHRYSOTILE IN THE BACKING MATERIAL AND IS IN GOOD CONDITION UNDER NESHAP REGULATIONS.
CONSULTANT: EDDIE TAW - TDH LICENSE NO. 10-5055
CONSULTANT: DIANNE K. WOO - TDH LICENSE NO. 10-5056

PROPERTY: 15	5109-15115 SURVEYOR BOULEVARD,	ADDISON, TEXAS 7	5DD1	Pg: 1 of 1
DATE OF INSP	PECTION: NOVEMBER 14, 2001	CLIEN	T: TOWN OF ADDISO	N, DEPARTMENT OF PUBLIC WORKS
HOMOGENEOUS AREA ID	NAME OF HOMOGENEOUS AREA	ASBESTOS TYPE & PERCENT (%)	ESTIMATED ACM SQUARE FEET OR LINEAR FEET	
D1	WALL MATERIAL	NONE DETECTED		15109 SURVEYOR BLVD.
02	WALL MATERIAL ON TAPE & BEDDING ON SHEETROCK	NONE DETECTED		
03	12X12 FLOOR TILE & MASTIC	NONE DETECTED		
04	2X4 CEILING PANELS	NONE DETECTED		
05	WALL MATERIAL	NONE DETECTED		15111 SURVEYOR BLVD.
06	WALL MATERIAL ON TAPE & BEDDING ON SHEETROCK	NONE DETECTED		
07	2x4 CEILING PANELS	NONE DETECTED		
08	FLOOR COVERING	CHRYSOTILE 65% - BACKING	158 SF	15111 SURVEYOR BOULEVARD IN MEN'S AND WOMEN'S RESTROOMS.
09	WALL MATERIAL	NONE DETECTED		15113 SURVEYOR BLVD.
10	2X4 CEILING PANELS	NONE DETECTED		
11	WALL MATERIAL ON TAPE & BEDDING ON SHEETROCK	NONE DETECTED		
12	CARPET AND 12x12 FLOOR TILE & MASTIC	NONE DETECTED		
13	WALL MATERIAL	NONE DETECTED		15115 SURVEYOR BLVD.
14	WALL MATERIAL ON TAPE & BEDDING ON SHEETROCK	NONE DETECTED		
15	12X12 FLOOR TILE & MASTIC	NONE DETECTED		
16	2X4 CEILING PANELS	NONE DETECTED		
17	ROOF FLASHING & MATERIAL	NONE DETECTED		ALL AREAS OF ROOF.
CONSULTANT:	EDDIE TAW - TOH LICENCE NO. 1	10-5055		
SOMORI TANT	DIANNE K UM - TOU LICENSE N	10 40 E0E/		

ETI ENVIRONMENTAL SERVICES ASBESTOS INSPECTION

CLIENT: 1	TOWN	OF AD	TOWN OF ADDISON	ETT ENVIRONMEN AL SERVICES ASBESTOS INSPECTION	. SERVICES CTION			SAMI	SAMPLE AND HAZARD ASSESSMENT) ASSESSMENT SUNHARY
PROPERTY:	1 1	US 601	15109 SURVEYOR BOULEVARD, ADDISON, TEXAS 75001	5001		INSPECTION	INSPECTION DATE(S):	NOVEMBER 14, 2001		Pg: 1 of 4
			SAMPLE / PHOTO LOG		JON BOX	NESHAP	HAZARD	ASSESSMENT	ESTINATED	A COLOTOR TVDE
SAMPLE #	α.	10	SAMPLE DESCRIPTION	SAMPLE LOCATION	MATERIAL	CATEGORY	FRIABLE	OVERALL CONDITION	SF, LF, EA	ASSESTED TITE & PERCENT (%)
109s-1	۵.	9	WALL MATERIAL	LARGE WORK ROOM - REAR WALL	SURFACE		ON.	0005		NONE DETECTED
1098-2	a.	25	WALL MATERIAL ON TAPE & BEDDING	LARGE WORK ROOM - FRONT CORNER	MISC		ON	0009		NONE DETECTED
109s-3	a.	5	WALL MATERIAL	NOMEN'S RESTROOM	SURFACE		Q.	0005		NOME DETECTED
109S-4	α.	01	WALL MATERIAL	HALL TO RESTROOMS	SURFACE		2	0005		NOME DETECTED
1098-5	۵.	20	WALL MATERIAL ON TAPE & BEDDING	MEN'S RESTROCM	MISC	II	ON	0005		NOME DETECTED
9-S60t	۵	8	WALL MATERIAL ON TAPE & BEDDING	LARGE WORK ROOM - BACK CORNER	MISC	\$\$	Q.	0005		NONE DETECTED
1098-7	Δ.	03	12X12 FLOOR TILE & MASTIC	2 LAYERS - RESTROOM	38 IW	Barandi	ON.	0005		NOME DETECTED
109%-8	Q.	63	12X12 FLOOR TILE & MASTIC	MOMEN'S RESTROOM	MISC	••	2	0005		NONE DETECTED
1098-9	۵	03	12X12 FLOOR TILE & MASTIC	MEN'S RESTROOM DOOR	MISC	I	ON.	0009		NONE DETECTED
1098-10	۵	70	2X4 CEILING PANEL	FOYER	MISC	11	YES	0005		NOME DETECTED
109s-11	a.	04	2X4 CEILING PANEL	LARGE WORK ROOM	MISC	****	YES	0005		NONE DETECTED
109s-12	Δ.	70	2X4 CETLING PANEL	OFFICE	MISC	II	S∃k	0005		NONE DETECTED
2	ا	COTOR	TAYER	1 11 .		GALGE		Qn H	99694	A CDECTOR TYDE
LĦ			PROTOGRAFIA TAKEN BUILDING OF HOMOGENEOUS AREA NUMBER	I = FLOORS		OVERALL		CONDITION = GOOD OR POOR	AND	ANO = AMOSITE
-	YPE (JF MAI	TYPE OF MATERIAL	PACKINGS			ı			= CROCIDOLITE
	ω ⊢ 11 11	TENS.	= SURFACING = THERMAL SYSTEM INSULATION	ROOFING		EST IN	ESTIMATED QUANTITY: SF = SQUARE FEET	:- tu	ACI II	" ACTING THE " TREND THE
		MISC	ELLANEOUS	11 = ASBESTOS CEMENT TRANSITE		5 5	= LINEAR FE = EACH	FEET	#AS:	= MASTIC = POINT COUNTED
COMSULTANT:		EDDIE TAW	TAM - TOH LICENSE NO. 10-5055	COMSU	CONSULTANT: DIANNE	К. жоо	- TDH LICENSE NO.	NSE NO. 10-5056		
L KON ILI	108-7-1	1								Cnn-007a

FILE NO: 1095-7-1

COD-007A

ETI ENVIRONMENTAL SERVICES
ASSESTOS INSPECTION

CLIENT: TOWN OF ADDISON

SAMPLE AND HAZARD ASSESSMENT SUNMARY

PROPERTY:	15111	11 SU	SURVEYOR BOULEVARD, ADDISON, TEXAS 75001	5001		INSPECT 10k	INSPECTION DATE(S):	NOVEMBER 14, 2001		Pg: 2 of 4
			SAMPLE / PHOTO LOG		90	NESH	NESHAP HAZARD /	ASSESSMENT	ESTIMATED	ASBESTOS TVOS
SAMPLE #	P 1	10	SAMPLE DESCRIPTION	SAMPLE LOCATION	MATERIAL	CATEGORY	FRIABLE	OVERALL CONDITION	SF, LF, EA	& PERCENT (%)
1118-1) d	05	WALL MATERIAL	LARGE WORK ROOM - LEFT SIDE	SURFACE		NO	0000		NOME DETECTED
1115-2	م	5	HALL MATERIAL	LARGE WORK ROOM - FRONT WALL	SURFACE		Ş	0005		NONE DETECTED
1115-3	a	50	WALL MATERIAL	BACK RIGHT OFFICE	SURFACE		<u>9</u>	0009		NOME DETECTED
1115-4	4	8	WALL MATERIAL ON TAPE & BEDDING	LARGE WORK ROOM - BACK WALL	MISC	II	O.K	0000		NOME DETECTED
1118-5	۵	8	WALL MATERIAL ON TAPE & BEDDING	LARGE WORK ROOM - LEFT FRONT	MI SC	II	NO	0009		NONE DETECTED
1115-6	a	8	WALL MATERIAL ON TAPE & BEDDING	FROMT RIGHT OFFICE	MISC	11	S.	0009		NONE DETECTED
1115-7	d	20	2X4 CEILING PANEL	OFFICE HALL - RIGHT SIDE	MISC	11	YES	0005		NOME DETECTED
1115-8	ď	20	2X4 CEILING PANEL	LARGE WORK ROOM - FRONT LEFT	MISC	=	YES	0009		NOME DETECTED
1118-9	a.	20	2X4 CEILING PANEL	HOMEN'S RESTROOM	MISC	grad Balag	YES	0000		NOME DETECTED
1118-10	a.	80	FLOOR COVERING	MOMEN'S RESTROOM	NI SC	1,4	O#	0005	NOTE 1	CRY 65% - BACKING
11.81	a	88	FLOOR COVERING	MOMEN'S RESTROOM	MISC	34	ON	0009	MOTE 1	CRY 65% - BACKING
1118-12	<u>a</u>	8	FLOOR COVERING	HOMEN'S RESTROOM	MISC	B-+B	KO	0005	NOTE 1	CRY 65% - BACKING
NOTE 1:	APPRI	OXIMA	APPROXIMATE AMOUNT OF FLOOR COVERING IN THE	MEN'S AND WOMEN'S RESTROOMS ==	158 SQUARE FEET	Π,				
										The second secon
۵ €	11 0	HOTOG UILD!	PHOTOGRAPH TAKEN BUILDING OF HOMOGENEOUS AREA NUMBER	NESHAPS CATEGORY I = FLOORS GASKETS	8	FRIABLE	E = YES OR NO	FRIABLE = YES OR NO OVERALL CONDITION = GOOD OR POOR	ASBE AMO : CRY	ASBESTOS TYPE AMO = AMOSITE CRY = CHRYSOTILE
£	N T N T N T N T N T N T N T N T N T N T	OF MATERIAL SURFACING THERMAL S' MISCELLAN	TYPE OF MATERIAL S = SURFACING I = THERMAL SYSTEM INSULATION M = MISCELLANEOUS	PACKINGS ROOFING II = ASBESTOS CEMENT TRANSITE		ESTIMA SF = LF = EA :	ESTIMATED QUANTITY: SF = SQUARE FEET LF = LINEAR FEET EA = EACH	TITY: FEET FEET	CRO ACT MAS *	= CROCIDOLITE = ACTINOLITE = TREMOLITE = MASTIC = POINT COUNTED
CONSULTANT:	1	EDDIE	TAW - TOH LICENSE NO. 10-5055	SOS	CONSULTANT: DIA	DIANNE K. WOO	- TDH LICENSE	NSE NO. 10-5056		
FILE NO: 1115-7-2	118-7	-2								COD-007A

ETI ENVIRONMENTAL SERVICES ASBESTOS INSPECTION

CLIENT: TOWN OF ADDISON

SAMPLE AND HAZARD ASSESSMENT SUMMARY

PROPERTY:	15	13 SU	15113 SURVEYOR BOULEVARD, ADDISON, TEXAS 75001	5001		INSPECT 10	INSPECTION DATE(S):	NOVEMBER 14, 2001		Pg: 3 of 4
			SAMPLE / PHOTO LOG		TVDE OF	NESH	NESHAP HAZARD A	ASSESSMENT	ESTIMATED	Ace STOS TVDE
SAMPLE #	P I	Q]	SAMPLE DESCRIPTION	SAMPLE LOCATION	MATERIAL	CATEGORY	FRIABLE	OVERALL CONDITION	SF, LF, EA	& PERCENT (%)
1138-1) d	60	WALL MATERIAL	BACK WAREHOUSE OFFICE	SURFACE		ON	0009		NOME DETECTED
1138-2	4	2	2X4 CEILING PANEL	BACK WAREHOUSE OFFICE	MISC	=	YES	0000		NOME DETECTED
1138-3	4	=	WALL MATERIAL ON TAPE & BEDDING	BACK WAREHOUSE OFFICE - CORNER	MISC		ON.	0000		NOME DETECTED
1138-4	a.	12	12x12 FLOOR TILE & MASTIC	RESTROOM FOYER	HI SC	****	ON.	goop		NOME DETECTED
1138-5	۵	12	12X12 FLOOR TILE & MASTIC	RESTROOM FOYER	MISC	**************************************	Q.	0000		NONE DETECTED
1138-6	α.	12	CARPET OVER 12X12 FLOOR TILE	RESTROOM FOYER	MISC	F6	ON	0009		NONE DETECTED
1138-7	4	<u>1</u>	2X4 CEILING PANEL	RESTROOM	MISC	11	YES	0000		NONE DETECTED
1138-8	٦	ĮĮ.	WALL MATERIAL ON TAPE & BEDDING	RESTROOM	MISC	9.mg	ON.	0005		NONE DETECTED
1138-9	<u>а</u> .	8	WALL MATERIAL	FRONT WAREHOUSE	SURFACE		2	0009		NOME DETECTED
1138-10	<u>م</u>	60	WALL MATERIAL	FROMT OFFICE AREA	SURFACE		C#	0009		NONE DETECTED
1138-11	ď	-	WALL MATERIAL ON TAPE & BEDDING	FRONT OFFICE - RIGHT SIDE	JS IX	==	<u>0</u>	0009		NONE DETECTED
1138-12	er-	10	2X4 CEILING PANEL	FRONT ENTRY AREA	MISC	11	YES	0005		MONE DETECTED
						11111111111111111111111111111111111111			a managama a	
۵	4	OTO	RAPH TAKEN	NESHAPS CATEGORY		FRIABLE	F = YES OR NO	9	ASBES	ASBESTOS TYPE
. =	11	ILLD1	1D = BUILDING or HOMOGENEOUS AREA NUMBER			OVERAL	L CONDITIO	OVERALL CONDITION = GOOD OR POOR	AMO	AMO = AMOSITE
	TYPE OF MATERIAL	OF MATERIA	ERIAL	PACKTINGS		i de	***************************************	ž ž	85	
	n — : 	TER	= SURFACING = THERMAL SYSTEM INSULATION			SF	SQUARE	·• - !!	- E	
		MI SCE	LLANEQUS	II = ASBESTOS CEMENT TRANSITE		<u>.</u> 8	= LINEAR FE = EACH		" \$##	= MASTIC = POINT COUNTED
CONSULTANT:		EDDIE TAW	TAW - TOH LICENSE NO. 10-5055	SMOD	CONSULTANT: DIA	DIANNE K. WOO	- TDH LICENSE NO.	4SE NO. 10-5056		
FILE NO: 1	1138-7-3	£ 7								K700-003

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ETI ENVIRONMENTAL SERVICES ASBESTOS INSPECTION

SAMPLE AND HAZARD ASSESSMENT SUMMARY

ASBESTOS INSPE

CLIENT: TOWN OF ADDISON

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PROPERTY:	151	± 55	15115 SURVEYOR BOULEVARD, ADDISON, TEXAS 75001	5001		INSPECTIO	INSPECTION DATE(S):	NOVEMBER 14, 2001		Pg: 4 of 4
			SAMPLE / PHOTO LOG		0 0 2 1	KESH	NESHAP HAZARO ASSESSMENT	ASSESSMENT	ESTIMATED	00 00 00 00 00 00 00 00 00 00 00 00 00
SAMPLE #	<u>-</u>	QI	SAMPLE DESCRIPTION	SAMPLE LOCATION	MATERIAL	CATEGORY	FRIABLE	OVERALL CONDITION	SF, LF, EA	& PERCENT (%)
1158-1	, L	13	WALL MATERIAL	FRONT OFFICE - LEFT SIDE	SURFACE		NO	0005		NOME DETECTED
1158-2	a.	ŭ	WALL MATERIAL	MIDDLE OFFICE - RIGHT SIDE	SURFACE		<u>0</u>	0000		NONE DETECTED
1158-3	۵.	5	WALL MATERIAL	BACK WAREHOUSE OFFICE	SURFACE		Q.	0005		NONE DETECTED
1158-4	a.	7,	WALL MATERIAL ON TAPE & BEDDING	MIDDLE OFFICE - RIGHT SIDE	MISC	p-vq p-vq	Q.	0009		NOME DETECTED
1158-5	a.	ħ	WALL MATERIAL	REAR WAREHOUSE OFFICE - LEFT	SURFACE		웃	0009		NOME DETECTED
1158-6	o.	7.	WALL MATERIAL ON TAPE & BEDDING	OPEN WORK AREA -BACK LEFT CORNER	NISC	34 4	Q	0000		NONE DETECTED
1158-7	Ω.	2	WALL MATERIAL ON TAPE & BEDDING	OPEN WORK AREA - FRONT WALL	MISC	11	O _N	. 0009		NONE DETECTED
1155-8	a.	£	WALL MATERIAL	WALL IN FRONT OPEN WORK AREA	SURFACE	Andrews or or or or or	ş	0009		NOME DETECTED
1155-9	n.	5	CARPET MASTIC OVER 12X12 FLOOR T	BACK WAREHOUSE OFFICE	MISC	9	9	0000		NONE DETECTED
1158-10	۵	75	12X12 FLOOR TILE & MASTIC	MIDOLE OFFICE AREA - LEFT SIDE	MISC	₽~•4	2	0009		NONE DETECTED
1158-11	<u>م</u>	15	12X12 FLOOR TILE & MASTIC	BREAK ROOM	MISC	ī	O _N	000 0		NOWE DETECTED
1158-12	ď	16	2x4 CEILING PANEL	BACK WAREHOUSE OFFICE	MISC	bu-d bund	YES	0005		NONE DETECTED
1155-13	or A	16	2X4 CEILING PANEL	OPEN KORK AREA - BACK SIDE	HI SC	11	YES	3000		NONE DETECTED
1158-14	a.	16	2X4 CEILING PAWEL	WOMEN'S RESTROOM	MISC	}(YES	0009		NONE DETECTED
1158-15	۵	14	TAPE & BEDDING ON SHEETROCK	WAREHOUSE - LEFT SIDE WALL	OSIM	I	Ö	0009		NOME DETECTED
1158-16	٩	17	ROOF FLASHING MATERIAL	FRONT OVER 15109	MISC	S amely	ON	0005		NOME DETECTED
1158-17	Q.	2	RODFING MATERIAL	MIDDLE AREA OVER 15115	JS IN		ON.	0000		NONE DETECTED
1158-18	d	17	ROOF FLASHING MATERIAL	AREA OVER 15115	MISC	1	ON.	0000	THE RESERVE THE PROPERTY OF TH	NOWE DETECTED
ê e		HOTOG UILDI	PHOTOGRAPH TAKEN BUILDING OF HOMOGENEOUS AREA NUMBER	NESHAPS CATEGORY 1 = FLOORS GASKETS	Control of the Contro	FR JABLE OVERALL	LE = YES OR NO	R NO DN = GODD OR POOR	ASBE AMO CRY	ASBESTOS TYPE AMO = AMOSITE CRY = CHRYSOTILE
>-	S = = = = = = = = = = = = = = = = = = =	SURFA SURFA THERM MISCE	TYPE OF MATERIAL S = SURFACING T = THEMAL SYSTEM INSULATION M = MISCELLANECUS	PACKINGS ROOFING 11 = ASBESTOS CEMENT TRANSITE		STIN STIN	ESTIMATED QUANTITY: SF = SQUARE FEET LF = LINEAR FEET EA = EACH	IIITY: FEET FEET	ACT ACT TRM TRM *	= CROCIDOLITE = ACTINOLITE = TREMOLITE = MASTIC = POINT COUNTED
CONSULTANT:	l	EDDIE TAN	TAM - TOH LICENSE NO. 10-5055	CONSULTANT:		DIANNE K. WOO	- TOH LICENSE	NSE NO. 10-5056		
FILE NO.	1158-7-6	7.7.								ron_007&

FILE NO: 1158-7-4

COD-007A

SELECTIVE ACM PHOTOGRAPHIC DOCUMENTATION 15109-15115 SURVEYOR BOULEVARD, ADDISON, TEXAS 75001



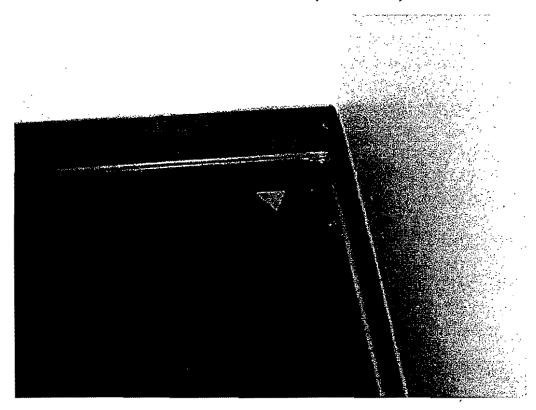
Front view of 15109-15115 Surveyor Boulevard.



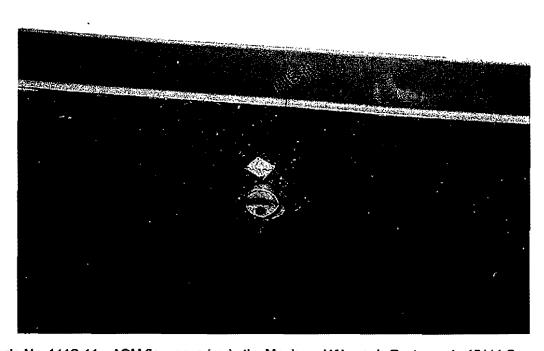
View of rear of building.

Page 1

SELECTIVE ACM PHOTOGRAPHIC DOCUMENTATION 15109-15115 SURVEYOR BOULEVARD, ADDISON, TEXAS 75001



Sample No. 111S-10—ACM floor covering in the Men's and Women's Restroom in 15111 Surveyor.



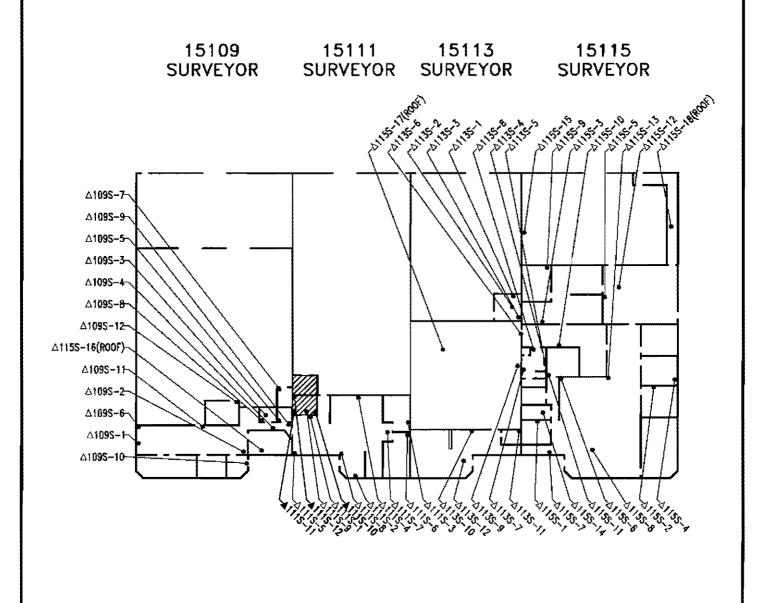
Sample No. 111S-11—ACM floor covering in the Men's and Women's Restroom in 15111 Surveyor.

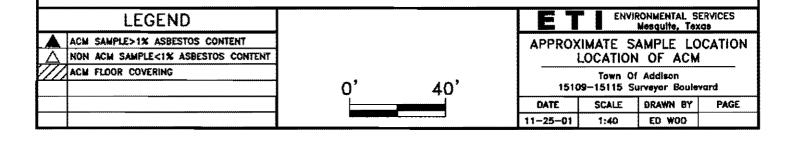
3

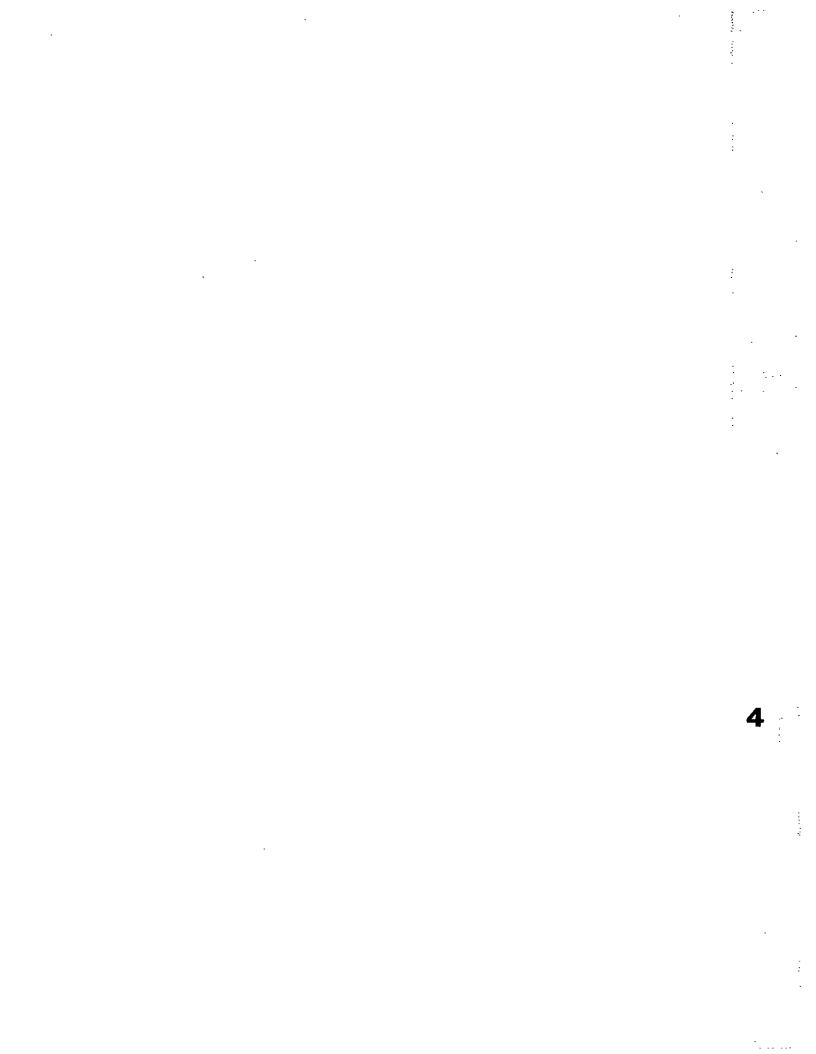
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PLM REPORT

Steve Moody Micro Services, Inc. 1510 Randolph, Suite 602 Carrollton, Texas 75006 (972) 446-9482 NVLAP Lab No. 102056 TDH License No. 30-0084 PAT ID# 102577

Client:

ETI Environmental Services

Lab Job No.: x1B-12298

Project:

15109 Surveyor Blvd.

Report Date: 11/16/2001

Project #:

Not Provided

Sample Date: 11/14/2001

Identification: Asbestos, Bulk Sample Analysis

Test Method: Polarized Light Microscopy / Dispersion Staining (PLM/DS)

EPA Method 40 CFR, Ch. 1, Pt. 763, Subpt. F, App. A

Page 1 of 2

On 11/16/01, twelve (12) bulk material samples were submitted by Eddie Taw of ETI Environmental Services for asbestos analysis by PLM/DS. Copies of the lab data sheets are attached; additional information may be found therein. The results are summarized below:

ample Number	Client Sample Description / Location	Asbestos Content
109\$-1	Wall Material	None Detected - Drywall Material None Detected - Paint
1098-2	Wall Material on Tape and Bedding Material on Sheetrock	None Detected - Drywall Material None Detected - DW Paper Facing None Detected - Glass Fiber Mesh None Detected - Joint Compound None Detected - Texture
109\$-3	Wall Material, Women's Rest Room	None Detected - Drywall Material None Detected - Textured Paint
1098-4	Wall Material	None Detected - Drywall Material None Detected - Textured Paint
109\$-5	Wall Material on Tape and Bedding Material on Sheetrock, Men's Rest Room	None Detected - Drywall Material None Detected - DW Paper Facing None Detected - Glass Fiber Mesh None Detected - Joint Compound None Detected - Textured Paint
1098-6	Wall Material on Tape and Bedding Material on Sheetrock	None Detected - Drywall Material None Detected - DW Paper Facing None Detected - Glass Fiber Mesh None Detected - Joint Compound None Detected - Texture
109S-7	12" x 12" Floor Tile with Yellow Glue over 12" x 12" Floor Tile with Yellow Glue	None Detected - Top Tile None Detected - Yellow Mastic None Detected - Bottom Tile None Detected - Yellow Mastic
1095-8	12" x 12" Floor Tile with Yellow Glue, Women's Rest Room	None Detected - Floor Tile None Detected - Yellow Mastic

PLM REPORT

Steve Moody Micro Services, Inc. 1510 Randolph, Suite 602

Carrollton, Texas 75006 (972) 446-9482

NVLAP Lab No. 102056 TDH License No. 30-0084

PAT ID # 102577

Client:

ETI Environmental Services

Lab Job No.: x1B-12298

Project:

15109 Surveyor Blvd.

Report Date: 11/16/2001

Project #: **Not Provided**

Sample Date: 11/14/2001

Identification: Asbestos, Bulk Sample Analysis

Test Method: Polarized Light Microscopy / Dispersion Staining (PLM/DS)

EPA Method 40 CFR, Ch. 1, Pt. 763, Subpt. F, App. A

Page 2 of 2

On 11/16/01, twelve (12) bulk material samples were submitted by Eddie Taw of ETI Environmental Services for asbestos analysis by PLM/DS. Copies of the lab data sheets are attached; additional information may be found therein. The results are summarized below:

Sample Number	Client Sample Description / Location	Asbestos Content
1098-9	12" x 12" Floor Tile with Yellow Glue, at Men's Rest Room Door	None Detected - Floor Tile None Detected - Yellow Mastic
109S-10	2' x 4' Ceiling Panel, Foyer	None Detected - Cailing Tile
1098-11	2' x 4' Ceiling Panel	None Detected - Ceiling Tile
109S-12	2' x 4' Ceiling Panel, Office	None Detected - Ceiling Tile
10 9 S-8	QC Sample	None Detected-Floor Tile None Detected-Yellow Mastic

These samples were analyzed by layers. Quantification, unless otherwise noted, is performed by visual estimate. Results may not be reproduced except in full. This test report relates only to the samples tested. These test results do not imply endorsement by NVLAP or any agency of the U.S. Government.

Accredited by the National Voluntary Laboratory Accreditation Program for Bulk Asbestos Fiber Analysis under Lab Code 102056.

Analyst:

Steve Moody

Lab Director: Steve Moody

Approved Signatory:

Thank you for choosing Steve Moody Micro Services

Steve Moody Micro Services, Inc. **Bulk Asbestos Analysis Sheet** EPA Method 40 CFR, Ch. 1, Pt. 763, Subpt. F, App. A TDH License No. 30-0084 NVLAP Lab No. 102056 Client: **ETI Environmental Services** 15109 Surveyor Blvd. Project: Project #: **Not Provided** Lab Job#: x1B-12298 Sample #: 109S-1 Wall Material Client Sample Description: Page 1 of 1 Layer I Drywall Material Stereoscopic Exam Homogeneous? % Fibrous % Asbestos % of Sample Color Texture White Biocky YES QM PLM Examination Parailel Perpendicular Extinction Sign of Morphology Components % / Pleochroism Ref. Index Ref. Index Biref Elongation Angle Glass Wool Fibers Rods 0 Cellulose Fibers ribbons high Gypsum / Binders 96 Non-fibrous Prep/treatment: mechanical separation Asbestos Content: None Detected Layer 2 DW Paper Facing Stereoscopic Exam Homogeneous? % Fibrous % Asbestos % of Sample Color Texture 30 Tan **Fibrous** YES 100 ND PLM Examination Perpendicular Extinction Sign of Color Parallel Biref Components Morphology / Picochroism Ref. Index Ref. Index Angle Elongation Cellulose Fibers 100 ribbons high Prep/treatment: mechanical seperation Asbestos Content: None Detected Layer 3 Paint Stereoscopic Exam Homogeneous? % Fibrous % Asbestos % of Sample Color Textune Off-White Rubbery NO 30 PLM Examination Color Parallel Perpendicular Extinction Sign of Ref. Index Elongation Components Morphology / Pleochroism Ref. Index Birei Angle Pigment / Binders 100 Non-fibrous Prep/treatment : heat / melt Asbestos Content: None Detected Comments: **Steve Moody** Analyst: 11/16/01 Date Analyzed:

Lab Job#: x1B-12298 | Sample #: 109S-1

	Moody Micro Services, In cose No. 30-0084	K.		Bulk As EPA Method 40 CF	bestos Ar R, Ch. I, P	-				NVLAP Lat	No. 102056
Client :	ETI Environmen	ntal S	ervi	ces							
Project	: 15109 Surveyor	r Blv	i.								
Project	#: Not Provided			Lab Job#: x1B-1	2298	Sample	#: 1095-2				
Client S	Sample Description: W	ali M	ateri	al on Tape and Be	dding M	aterial c	n Sheetrock			Pag	ye 1 of 2
Layer	Drywall Material			Sterenscopic Ex	am						
				Colo			Texture	Homogeneous		**********************	
	PLM Examination			Wisk	a	<u> </u>	Blocky	YES	<u> </u>	ND ND	86
	Components	%	+/-	Morphology		lor broism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elougation
	Glass Wool Fibers	1 2		Rods					0	1246.5	
	Cellulose Fibers	1		ribbons					high		İ
	Gypsum / Binders	96		Non-fibrous							No. House
Layer	Prep/treatment : mechanical 2 DW Paper Facing	sepa	ration — -	Stereoscopic Ex	<u> </u>	As	bestos Content:		Marchel essents Sales		
				Color			Texture	Homogeneous			
	PLM Exemination			Tan	<u> </u>	<u> </u> 1	Fibrous	YES	100	ND	5
	CTALEXNUMENTATION	T	ГТ		Co	for	Parallel	Perpendicular		Extinction	Sign of
	Components	9%	+/-	Marphology		hroism	Ref. Index	Ref. Index	Birei	Angle	Elongation
	Cellulose Fibers	100		ribbons					high		
Layer	3 Glass Fiber Mesh			Stereoscopic Exa Color White	r		Texture Fibrous	Homogeneous'	? % Fibro:	ıs % Asbestos	% of Sample
j	PLM Examination										
	Components Glass Wool Fibers	% 190	+ <i>f_</i>	Morphology Rods	Co / Pleoc	lor hroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref 0	Extinction Angle	Sign of Elongation
•	Prep/treatment : mechanical		L			Asl	bestos Content :	None Detec	L	·······	
		Page 1		··				HHHHH Abayers turner was		ur 2000 30000 00000	
Layer	4 Joint Compound			Stereoscopic Exa Color			Texture	Homogeneous	OCK Eibon	w W. Achertoc	alaura23a X
1	PLM Examination			White			Elocky	YES	ND	ND ND	3
	Components	84	+/	Morphology	Co / Pleas	lor hroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
	Calcite / Talc / Binders	100		Non-Fibrous	/ A DVAN	**********	TOL DIGUE	FUPL, INCLUS	- Date:	THEOLO	12:00:00
	Prep/treatment : mechanical	sepa	ation			Asi	bestos Content :	None Detec	ited		
Comm	ents :						Analyst : Date Analyze	Steve Mod d: 11/1 x1B-12298	6/01	/N~	

} :

Bulk Asbestos Analysis Sheet

TDH License No. 30-0084

EPA Method 40 CFR, Ch. 1, Pt. 763, Subpt. F, App. A

NVLAP Lab No. 102056

Client:

ETI Environmental Services

Project:

15109 Surveyor Blvd.

Project#:

Not Provided

Lab Job#: x1B-12298

Sample #: 109S-2

Client Sample Description:

Wall Material on Tape and Bedding Material on Sheetrock

Page 2 of 2

Layer 5 Texture

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample	A.M.M.
White	Blocky	YES	ND	ND	3	l

PLM Examination

		Π		Color	Parallel	Perpendicular		Extinction	Sign of	İ
Components	%	+/	Morphology	/ Pleochroism	Ref. Index	Ref. Index	Biref	Angle	Elongation	1
Calcite / Talc / Binders	100		Non-Fibrous				**			ı

Prep/treatment: mechanical separation

Asbestos Content: None Detected

Comments:

Steve Moody Analyst:

11/16/01

Date Analyzed:

Lab Job#: x1B-12298 | Sample #: 109S-2

	Moody Micro Services, In icense No. 30-0084	IC.			bestos Analysis S FR, Ch. I, Pt. 763, St				NVLAP La	No. 102056
Client	: ETI Environme	ntal S	ierv		•					
Projec	t: 15109 Surveyo	r Bly	1.							
Projec	t#: Not Provided			Lab Job#: x1B-1	2298 Sample	# : 109S-3				
Client	Sample Description: W	/all M	ateı	ial, Women's Resi	Room				Pa	ge 1 of 1
Layer	I Drywall Material			Stereoscopic Ex	:em					Accumination
				Colo Whit		Texture Blocky	Homogeneous YES	7 % Fibro 2	ND	% of Sample 70
	PLM Examination	1	1		Coler	Parallet	Perpendicular		Extinction	Sign of
	Components Glass Wool Fibers	%	+/-	Morphology Rods	/ Pleochroism	Ref. Index	Ref. Index	Biref O	Angle	Elongation
	Cellulose Fibers Gypsum / Binders	96		ribbons Non-fibrous				high		
	Prep/treatment : mechanical				A.	bestos Content :	None Dete	cted		
L					WOOC 20000 ANNA 30007					
Layer	2 DW Paper Facing			Stereoscopic Ex		<u></u>	1	N=1 m2		h. co
				Colo Tar	·	Texture Fibrous	Homogeneous YES	7 % Fibro	ND	% of Sample 20
	PLM Examination	Т	l		Color	Parallel	Perpendicular		Extinction	Sign of
	Components Cellulose Fibers	% 100	+/-	Morphology ribbons	/ Pleochroism	Ref. Index	Ref. Index	Biref high	Angle	Elongation
	Prep/treatment : mechanical	sene	catio	n	A.	bestos Content:	None Dete			
			_		THE THREE THE PARTY THREE TO SERVICE	cane show some same			MARK MARK MARK	
Layer	3 Textured Paint			Stereoscopic Ex						
				Colo Off-Wi		Texture Rubbery	Homogeneous YES	27% Film	ND ND	% of Sample
	PLM Examination	7		•	Color	Parelici	Perpendicular		Extinction	Sign of
	Components Perlite	% 10	4/-	Morphology Glass Foam	/ Pleochroism	Ref. Index	Ref. Index	Bitef 0	Angle	Elongation
	Pigment / Binders	90		Non-fibrous						
	Prep/treatment : heat / melt				As	bestos Content :	None Dete	cted		

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Comn	nents :					Analyst : Date Analyze	Steve Mod	ody 16/01	M	

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	Moody Micro Services, Ii icense No. 30-0084	nc. 		Bulk A EPA Method 40 C	sbestos Ar CFR, Ch. I, P					NVLAP Lai	No. 102056
Client	: ETI Environme	ntai S	erv	ices							
Project	t: 15109 Surveyo	r Blv	d.								
Project	t#: Not Provided			Lab Job#: x1B-	12298	Sample	# : 109S-4				
Client	Sample Description: W	/ali M	ater	ial						Pa	ge 1 of 1
Layer	1 Drywall Material			Stereoscopic E	xam						
				Col			l'exture			us % Asbestos	
	PLM Examination			Wh	lite		Blocky	YES	2	ND	70
	Components	%	+/-	Morphology	Co / Pleoc	lor tiroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
	Glass Wool Fibers		_	Rods					0		
	Cellulose Fibers	2		ribbons					high		
	Gypsum / Binders	96	•	Non-fibrous							
	Prep/treatment : mechanical	sepa	ratio —	n 		Ast — — —	oestos Content :	None Dete	cted — — ·		
Layer	2 DW Paper Facing			Stereoscopic E							
				Col			Texture Throus	Homogeneous		us % Asbestos	% of Sample 20
	PLM Examination			Та	<u>un</u>		IDIOUS	153	100	ND	20
			l "		Co	lor	Parailel	Perpendicular		Extinction	Sign of
	Components	%	+/-	Morphology	/ Pieco	hroism	Ref. Index	Ref. Index	Biref	Angle	Elongation
	Cellulose Fibers	100		ribbons			<u> </u>		hìgh		
Layer				Stereoscopic E Col Off-W	or		Cexture tubbery	Homogeneous YES	?% Fibro	us % Asbestos ND	% of Sample 10
	PLM Examination			_	_		T =				
		%	+/-		Co /Pleoc		Parallel	Perpendicular	Biref	Extinction	Sign of
I .	Components			Morphology	1 2 2 2 2 2	· ·	Ref. Index	Ref. Index		Angle	Elongation
	Perlite	10		Glass Foam	111100	enoixi.	Ref. Index	Ref. Index	0	Angle	Elongation
							Ref. Index		0	Angle	Elongation
	Perlite Pigment / Binders	10		Glass Foam					0	Angle	Elongation
	Perlite Pigment / Binders	10		Glass Foam					0	Angle	Elongation
	Perlite Pigment / Binders	10		Glass Foam					0	Angle	Elongation
	Perlite Pigment / Binders	10		Glass Foam					0	Angle	Elongation
	Perlite Pigment / Binders	10		Glass Foam					0	Angle	Elongation
	Perlite Pigment / Binders	10		Glass Foam					0	Angle	Elongation
	Perlite Pigment / Binders	10		Glass Foam					0	Angle	Elongation
	Perlite Pigment / Binders	10		Glass Foam					0	Angle	Elongation
Сотт	Perlite Pigment / Binders Prep/treatment : heat / melt	10		Glass Foam					0 cted		Elongation
Сотт	Perlite Pigment / Binders Prep/treatment : heat / melt	10		Glass Foam			Analyst: Date Analyze	None Dete	0 cted 	sa	

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	Moody Micro Services, Incense No. 30-0084	nc.		Bulk Asi EPA Method 40 CF	bestos Anal					NVI.AP I al	No. 102056
Client		ental S	inas		15 24. 1,12	, ca., 1240	10m,17,(1pp.11			IVILIE CAN	1,0.10.0.0
-				, co							
Project	: 15109 Surveyo	r BIV	J.								
Project	#: Not Provided			Lab Job#: x1B-1	2298 S	ample	# : 1095-5				
Client				il on Tape and Be Room	dding Mat	erial o	n Sheetrock	1	***************************************	Paç	ge 1 of 2
Layer	1 Drywall Material			Stereoscopic Ex	am				•		
				Colo	r		Codure	Homogeneous			
	PLM Examination			L White	<u> </u>	Ę	Blocky	YES	2	ND ND	84
	Components	%	+/-	Morphology	Color / Pleochin		Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
	Glass Wool Fibers	1.2	-	Rods) # #AAA###	712111	1001, 1100-0	rops, project	0	, u.g.c	Lassigninoss
	Cellulose Fibors	2		ribbons					high		
	Gypsum / Binders	96	<u>. </u>	Non-fibrous				<u> </u>		***************************************	<u> </u>
	Prep/treatment: mechanical	sepa	ration			Asb	estos Content:	None Detec	ted		
	an	XXXXX		 <u></u>	жана жин. шиш			MARK MINIC HUNK WHILE			
Layer	2 DW Paper Facing			Stereoscopic Ex	an	·····					
				Color			exture ibrous	Homogeneous	<u></u>		% of Sample 6
	PLM Examination			Tan	<u> </u>	r	IDIOUS	YES	100	ND	
		Τ.,			Color		Paralici	Perpendicular		Extinction	Sign of
	Components Collulose Fibers	% 100		Morphology ribbons	/ Pleochn	OISM	Ref. Index	Ref. Index	Biref high	Angle	Elongation
			IL.				.!				.I
	Prep/treatment : mechanical	sepe	ration			Asb	estos Content :	None Detec	:ted	_	
				-					,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
Layer	3 Glass Fiber Mesh			Stereoscopic Ex	****						
				Color			exture lbrous	Homogeneous'	% Fibrot	s % Asbestos ND	% of Sample
	PLM Examination			141416	<u> </u>		101 UU3		100		
	Components	%		Morphology	Color / Pleochin		Paralici Ref. Index	Perpendicular Ref. Index	Biref	Extinction	Sign of Elongation
	Glass Wool Fibers	100		Rods	FREDWIN	UBIIL	ACI. ING.A	NO, MASA	0	Angle	CHAIGADON
				***************************************		4 -4		Nama Datas			
	Prep/treatment : mechanical		<u>-</u>			— AS0	estos Content :			·	
Layer	4 Joint Compound			Stereoscopic Exa		***	*	Homogeneous'	004 875	-6: 4	br - CrII
				Color			exture Blocky	YES	ND	ND ND	3
	PLM Examination			(4111111111111111111111111111111111111		***************************************					
	Components	%	+/-	Morphology	Color / Pteocher		Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
	Calcite / Talc / Binders	100		Non-Fibrous							
											l
	Prep/treatment: mechanical	sepa	ration			Aso	estos Content:	None Detec	ted		
	Prep/treatment: mechanical	sepa	ration — —	<u></u>		Asb 	estos Content :	None Detec	:ted 		
	Prep/treatment: mechanical	sepa	ration — —	. <u></u>	AAAE HIIII QQQQ	Asb — —	estos Content :	None Detec	:ted 		<u>.</u>
	Prep/treatment: mechanical	sepa	ration — —	. <u> </u>		Asb 	estos Content :	None Detec	:ted 		Name and the
	Prep/treatment : mechanical	sepa	ration — —	· 		Asb — —	estos Content :	None Detec	: ted 	and the second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second s	
	Prep/treatment : mechanical	sepa	ration — —	· 		Asb — —	estos Content :	None Detec	:ted 		
	Prep/treatment: mechanical	sepa	ration — —	. 		Asb — —	estos Content :	None Detec	:ted 		
	Prep/treatment: mechanical	separ	ration — —	· 		Asb — —	estos Content :	None Detec	:ted 		
	Prep/treatment : mechanical	separ	ration			Asb	estos Content :	None Detec	:ted		
Совит		sepa	ration			Asb	Analyst:	Steve Moo		n.	
Совит		sepa	ration			Asb	Analyst : Date Analyze	Steve Moo	ody 6/01	N-	

T. ...

Bulk Asbestos Analysis Sheet

TDH License No. 30-0084

EPA Method 40 CFR, Ch. I, Pt. 763, Subpt. F, App. A

NVLAP Lab No. 102056

Client:

ETI Environmental Services

Project:

15109 Surveyor Blvd.

Project#:

Not Provided

Lab Job#: x1B-12298

Sample #: 109S-5

Client Sample Description:

Wall Material on Tape and Bedding Material on Sheetrock, Men's Rest Room

Page 2 of 2

Layer 5 Textured Paint

Stcreoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Off-White	Rubbery	YES	ND	ND	3

PLM Examination

				Color	Parallel	Perpendicular		Extinction	Sign of
Components	%	+/-	Morphology	/ Pleochroism	Ref. Index	Ref. index	Biref	Angle	Elongation
Perlite	10		Glass Foam				0		
Pigment / Binders	90		Non-fibrous						

Prep/treatment: heat / melt

Asbestos Content: None Detected

Analyst: Steve Moody Comments: m Date Analyzed: 11/16/01 Lab Joh#: x1B-12298 | Sample #: 109S-5

TDH L	Moody Micro Services, I icense No. 30-0084	nc.			bestos Analysis S FR, Ch. 1, Pt. 763, Su				NVLAP Lat	No. 102056
Client	: ETI Environme	ental S	servi	ces						
Projec	t: 15109 Surveyo	r Blv	d.							
Projec	t#: Not Provided			Lab Job#: x1B-1	12298 Sample	# : 109S-6				
Client	Sample Description: V	Vall M	ateri	al on Tape and Bo	edding Material (n Sheetrock	T	***************************************	Pa	ge 1 of 2
Layer	1 Drywall Material			Stereoscopic Ex				A	<u> </u>	
				Colo Whi		Texture Blocky	Homogeneous	7 % Fibro	us % Asbestos ND	% of Sample 79
	PLM Examination			7 7 7 7 1 1 1	<u> </u>	Divery	123	<u> </u>	_1 <u>av</u>	
	Compounts	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendienlar Ref. Index	Biref	Extinction Angle	Sign of Elongation
	Glass Wool Fibers	1 2		Rods				0		
	Cellulose Fibers	1	·	ribbons				high		
	Gypsum / Binders	90		Non-fibrous	<u></u>	<u> </u>				<u> </u>
Layer	Prep/treatment: mechanical	i sepa	ration — —	Stereoscopic Ex	Therefore against annual and annual and annual and annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual	bestos Content :	None Dete	eted — — —	1884 1884AA 1785AA	
				Colo	x	Texture	Homogeneous	? % Fibro	as % Asbest os	% of Sample
				Tau	•	Fibrous	YES	100	ND	5
	PLM Examination					7	I W		T	T 68
	Components	%	+/-	Morphology	Color / Picochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
	Cellulose Fibers	100		ribbons	/ I POSTANOUSKIE		TOLL HITTER	high	nigit	LIVIII
Layer	3 Glass Fiber Mesh			Sterenscopie Ex Colo	ч	Texture	Homogeneous NO		rs % Asbestos ND	%.of Sample 3
	PLM Examination			Whit	DB	Fibrous	RU	100	עא	3
	AATA ENGILLI BAILOI									
				70111	Color	Parallel	Pemendicular		Extinction	Sign of
	Compenents	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Bircf	Extinction Angle	Sign of Elongation
	Compenents Glass Wool Fibers	% 100		Morphology Rods				Biref 0		
man apagaya cya		100	III.	Rods	/ Pleochroism		Ref Index	0		
– – - Layer	Glass Wool Fibers Prep/treatment : mechanical	100	III.	Rods	/ Pieochroism	Ref. Index	Ref Index	0		
Layer	Glass Wool Fibers Prep/treatment: mechanical	100	III.	Rods Stereoscopic Ex	/ Pleochroism As	Ref. Index	None Detection	oted	Angle	Elongation % of Sample
– – - Layer	Glass Wool Fibers Prep/treatment : mechanical 4 Joint Compound	100	III.	Rods Stereoscopic Ex	/ Pleochroism As	Ref. Index	None Dete	o ted	Angle	Elongation
Layer	Glass Wool Fibers Prep/treatment: mechanical	100	III.	Sternoscopic Ex Colo Whit	/ Pleochroism As	Ref. Index	None Detection	oted	Angle	Elongation % of Sample
Layer	Glass Wool Fibers Prep/treatment : mechanical 4 Joint Compound PLM Examination	100	ration	Rods Stereoscopic Ex	/ Pleochroism As am r te Color	Ref. Index bestos Content : Texture Blocky Parallel	None Determined Homogeneous YES Perpendicular	6 cted	Angle s % Asbestos ND Extinction	% of Sample
Layer	Glass Wool Fibers Prep/treatment : mechanical 4 Joint Compound PLM Examination Components	100 sepa 	ration	Stereoscopic Ex Colo Whit Morphology Non-Fibrous	/ Pleochroism As As Color / Pleochroism	Ref. Index bestos Content : Texture Blocky Parallel	None Detection Homogeneous YES Perpendicular Ref. Index	o ted	Angle s % Asbestos ND Extinction	% of Sample
Layer	Glass Wool Fibers Prep/treatment : mechanical 4 Joint Compound PLM Examination Components Calcite / Talc / Binders	100 sepa 	ration	Stereoscopic Ex Colo Whit Morphology Non-Fibrous	/ Pleochroism As As Color / Pleochroism	Ref. Index bestos Content : Texture Blocky Parallel Ref. Index	None Detection Homogeneous YES Perpendicular Ref. Index	o ted	Angle s % Asbestos ND Extinction	% of Sample
Layer	Glass Wool Fibers Prep/treatment : mechanical 4 Joint Compound PLM Examination Components Calcite / Talc / Binders	100 sepa 	ration	Stereoscopic Ex Colo Whit Morphology Non-Fibrous	/ Pleochroism As As Color / Pleochroism	Ref. Index bestos Content : Texture Blocky Parallel Ref. Index	None Detection Homogeneous YES Perpendicular Ref. Index	o ted	Angle s % Asbestos ND Extinction	% of Sample
Layer	Glass Wool Fibers Prep/treatment : mechanical 4 Joint Compound PLM Examination Components Calcite / Talc / Binders	100 sepa 	ration	Stereoscopic Ex Colo Whit Morphology Non-Fibrous	/ Pleochroism As As Color / Pleochroism	Ref. Index bestos Content : Texture Blocky Parallel Ref. Index	None Detection Homogeneous YES Perpendicular Ref. Index	o ted	Angle s % Asbestos ND Extinction	% of Sample
-	Glass Wool Fibers Prep/treatment : mechanical 4 Joint Compound PLM Examination Components Calcite / Talc / Binders	100 sepa 	ration	Stereoscopic Ex Colo Whit Morphology Non-Fibrous	/ Pleochroism As As Color / Pleochroism	Ref. Index bestos Content : Texture Blocky Parallel Ref. Index	None Determined Money Perpendicular Ref. Index None Determined Money Determined Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Mon	7 % Fibror ND Biref	Angle s % Asbestos ND Extinction	% of Sample

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Steve Moody Micro Services, Inc. **Bulk Asbestos Analysis Sheet** TDH License No. 30-0084 NVLAP Lab No. 102056 EPA Method 40 CFR, Ch. 1, Pt. 763, Subpt. F, App. A Client: **ETI Environmental Services** 15109 Surveyor Blvd. Project: Project #: **Not Provided** Lab Job#: x1B-12298 Sample #: 109S-6 Client Sample Description: Wall Material on Tape and Bedding Material on Sheetrock Page 2 of 2 Layer 5 Texture Stereoscopic Exam Color Texture Homogeneous? % Fibrous % Asbestos % of Sample YES ND White Blocky ND PLM Examination Parallel Perpendicular Color Extinction Sign of Elongation % / Pleochroism Ref. Index Ref. Index Bircf Angle Companents +/-Morphology Calcite / Talc / Binders 100 Non-Fibrous Prep/treatment: mechanical separation Asbestos Content: None Detected

Comments:

Analyst: **Steve Moody**

Date Analyzed:

11/16/01

M

Lab Job#: x1B-12298 | Sample #: 109S-6

	Moody Micro Services, I icense No. 30-0084	vc.		Bulk As EPA Method 40 CF	bestos An R, Ch. I, P					NVLAP Lat	No. 102056
Client	: ETI Environme	ntal S	ervi	æs							
Project	: 15109 Surveyo	r Bivo	l								
Project	#: Not Provided			Lab Job#: x1B-1	2298	Sample	#: 109S-7				
Client				oor Tile with Yello 12" Floor Tile with		ilue				Pa	ge 1 of 1
Layer	1 Top Tile			Stereoscopic Ex	æn					, , , , , , , , , , , , , , , , , , ,	
				Colo		7	Texture	Homogeneous			
	PLM Examination			Light 1	lan	*****	Hard	YES	ND	ND	49
	C				Col	•	Parallei	Perpendicular	***	Extinction	Sign of
	Components Calcite / Vinyl Binders	100		Morphology Non-fibrous	/ Pleoci	HOISIN	Ref. Index	Ref. Index	Biref hìgh	Angle	Elongation
	Prep/treatment : heat / melt					Ast	essos Content :	None Detec	ted		
···											
Layer	2 Yellow Mastic			Stereoscopic Ex							
				Cela Yello			Extene ubberv	Homogeneous'	7 % Fibro	is % Asbestos ND	% of Sample
	PLM Exemination			1 510	***		anner i T	165	L AD	<u></u>	
		0.			Col		Paraliel	Perpendicular	m2	Extinction	Sign of
	Components Glue Binders	100	17/	Morphology Non-fibrous	/ Pleuci	noezn	Ref. Index	Ref. Index	Biref	Angle	Elongation
	Prep/treatment : heat / melt.					Ast	estos Content :	None Detec	ted		
											
Layer	3 Bottom Tile			Stereoscopic Ex	am						
-				Colo		1	'exture	Homogeneous'			
	PLM Examination			Off-Wi	aite		Hard	YES	ND	ND	49
					Col		Parallel	Perpendicular		Extinction	Sign of
	Components Calcite / Vinyl Binders	100	+3	Morphology Non-fibrous	/ Pleoc	uoism	Ref. Index	Ref. Index	Biref high	Angle	Elongation
			LL								
	Prep/treatment : heat / melt				ry	Ast 	estos Content :	None Detec	nted 		
Layer	4 Yellow Mastic			Stereoscopic Ex	DUT!						
				Colo		7	[exture	Homogeneous'	% Fibro	s % Asbestos	% of Sample
	PLM Examination			Yello	₩	R	ubbery	YES	ND	ND	1
	FLIST CAMULUMIAN				Col	OK.	Parallel	Perpendicular		Extinction	Sign of
	Components	% 100	+/-	Morphology	/ Plead	roism	Ref. Index	Ref. Index	Bircf	Angle	Elongation
	Glue Binders	100	L	Non-fibrous			<u></u>	<u></u>	<u>t</u>		<u> </u>
	Prep/treatment : heat / melt					Asb	estos Content:	None Detec	ted:		
			-								
											1
											I
Coms	nents:					W 1000	Analyst : Date Analyze	Steve Mod al: 11/1	xdy 16/01	m	<i></i>
							Lab Job# :	x1B-12298	Sampl	e#: 109S	-7

Steve Moody Micro Services, Inc. **Bulk Asbestos Analysis Sheet** TDH License No. 30-0084 EPA Method 40 CFR, Ch. 1, Pt. 763, Subpt. F, App. A NVLAP Lab No. 102056 Client: **ETI Environmental Services** Project: 15109 Surveyor Blvd. **Not Provided** Project #: Lab Job#: x1B-12298 Sample #: 109S-8 Client Sample Description: 12" x 12" Floor Tile with Yellow Glue, Wamen's Rest Room Page 1 of 1 Layer | Floor Tile Stereoscopic Exam Color Texture Homogeneous? % Fibrous % Asbestos % of Sample Off-White ND Hard YES ND PLM Examination Color Parallel Perpendicular Extinction Sign of Bircf % / Pleochroism Ref. Index Ref. ludex Components +/. Morphology Angle Elongation Calcite / Vinyl Binders 100 Non-fibrous high Asbestos Content: None Detected Prep/irealment : heat / melt Layer 2 Yellow Mastic Stereoscopic Exam Homogeneous? % Fibrous % Asbestos % of Sample Color Texture Yellow Rubbery YES ND NĐ PLM Examination Color Paralici Perpendicular Extinction Sign of Components % Morphology / Pleochroism Ref. Index Ref. Index Biref Angle Elongation Glue Binders 100 Non-fibrous Prep/treatment : heat / melt Asbestos Content: None Detected Analyst: Steve Moody Comments: 11/16/01 Date Analyzed: Lab Job#: x1B-12298 | Sample #: 109S-8

Steve Moody Micro Services, Inc. **Bulk Asbestos Analysis Sheet** NVLAP Lab No. 102056 TDH License No. 30-0084 EPA Method 40 CFR, Ch. 1, Pt. 763, Subpt. F, App. A Client: **ETI Environmental Services** 15109 Surveyor Blvd. Project: Project #: **Not Provided** Lab Job#: x1B-12298 Sample #: 109S-9 Client Sample Description: 12" x 12" Floor Tile with Yellow Glue, at Men's Rest Room Door Page 1 of 1 Layer 1 Floor Tile Stereoscopic Exam Color Texture Homogeneous? % Fibrous % Asbestos % of Sample Black Hard YES ND ND PLM Examination Color Paralici Perpendicular Extinction Sign of Components Calcite / Vinyl Binders Morphology / Pleochroism Ref. Index Ref. Index Biref Angle Elongation 100 Non-fibrous high Prep/treatment : heat / melt Asbestos Content: None Detected Layer 2 Yellow Mastic Stereoscopic Exam Texture Homogeneous? % Fibrous % Asbestos % of Sample Color YES ND Yellow Rubbery ND PLM Examination Color Parallel Perpendicular Extinction Sign of Components % Morphology / Pleochroism Ref. Index Ref. Index Biref Angle Elongation Glue Binders 100 Non-fibrous Prep/treatment : heat / melt Asbestos Content: None Detected Steve Moody Comments: Analyst: M 11/16/01 Date Analyzed:

Lab Job#: x1B-12298 | Sample #: 1095-9

Bulk Asbestos Analysis Sheet

TDH License No. 30-0084

EPA Method 40 CFR, Ch. 1, Pt. 763, Subpt. F, App. A

NVLAP Lab No. 102056

Client:

ETI Environmental Services

Project:

15109 Surveyor Bivd.

Project #:

Not Provided

Lab Job#: x1B-12298

Sample #: 109S-10

Client Sample Description:

2' x 4' Ceiling Panel, Foyer

Page 1 of 1

Layer 1 Ceiling Tile

Stereoscopic Exam

Homogeneous? % Fibrous % Asbestos % of Sample Color Texture **Light Grey** YES Fibrous 80

PI M Evantionion

K WINTE TOWNS AND SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELECTION OF THE SELEC									
		T		Color	Parallel	Perpendicular		Extinction	Sign of
Components	%	+/-	Morphology	/ Pleochroism	Ref. Index	Ref Index	Bircf	Angle	Elongation
Cellulose Fibers	50	1	ribbons				hlgh		
Mineral Wool Fibers	36	1	Rods				0		
Perlité	20	1	Glass Foam				0		

Prep/trealment: mechanical separation

Asbestos Content: None Detected

Comments:

Analyst:

Steve Moody

Date Analyzed:

11/16/01

Lab Job#: x1B-12298 | Sample #: 109S-10

M

Bulk Asbestos Analysis Sheet

TDH License No. 30-0084

EPA Method 40 CFR, Ch. 1, Pt. 763, Subpt. F, App. A

NVLAP Lab No. 102056

Client:

ETI Environmental Services

Project:

15109 Surveyor Blvd.

Project #:

Not Provided

Lab Job#: x1B-12298

Sample #: 109S-11

Client Sample Description:

2" x 4" Ceiling Panel

Page 1 of 1

Layer 1 Ceiling Tile

Stereoscopic Exam

Color	Texture	Homogeneous?	1 - T	% Asbestos	% of Sample
Light Grey	Fibrous	YES	80	ND	100

PLM Examination

	<u> </u>	T		Color	Paralici	Perpendicular		Extinction	Sign of
Components	%	+/-	Morphology	/ Pleochroism	Ref. Index	Ref. Index	Biref	Angle	Elongation
Cellulose Fibers	50		ribbons				hlgh		
Mineral Wool Fibers	30		Rods				0		
Perlite	20		Glass Foam				0		

Prep/treatment: mechanical separation

Asbestos Content: None Detected .

Comments:

Analyst:

Steve Moody

Date Analyzed:

11/16/01

Lab Job#: x1B-12298 | Sample #: 109S-11

M

Bulk Asbestos Analysis Sheet

TDH License No. 30-0084

EPA Method 40 CFR, Ch. 1, Pt. 763, Subpt. F, App. A

NVLAP Lab No. 102056

Client:

ETI Environmental Services

Project:

15109 Surveyor Blvd.

Project#:

Not Provided

Lab Job#: x1B-12298

Sample #: 109S-12

Client Sample Description:

2' x 4' Ceiling Panel, Office

Page 1 of 1

Layer 1 Ceiling Tile

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Light Grey	Fibrous	YES	80	ND	100

PLM Examination

				Color	Paralici	Perpendicular		Extinction	Sign of
Components	%	+/	Morphology	/ Pleochroism	Ref. Index	Ref. Index	Biref	Angle	Elongation
Cellulose Fibers	50		ribbons				high		
Mineral Wool Fibers	30		Rods				0		
Perlita	20		Glass Foam				Û		1

Prep/treatment: mechanical separation

Asbestos Content: None Detected

Comments:

Analyst:

Steve Moody

Date Analyzed:

11/16/01

Lab Job#: x1B-12298 | Sample #: 109S-12

Steve I TDH Li		Micro Services, In 30-008	c.		Analysis Sheet sethod 600/R-93/116				NVLA	P Lai# 2056
Client:	:	QC SAMPLES								
Sample	#:	x1B-12298*109S	-8	•						
Sample	Analy	rsis:	· •	WWW.	ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO AL				······································	
Layer	1 F	loor Tile		Stereoscopic Exam	Textuse	15	#TIES	n az 152		0/CC[2]
	PLM E	icenination		Color White	Hard	NO	Homogeneous YES	ND ND	DIA NO	100
		Components e / Vinyl Binders	% +/- 100	Morphology Non-fibrous	Color / Pleoclaruism	Parallel Ref. Index	Perpendicular Ref. Index	Biref high	Extinction Angle	Sign of Elongation
		calment : heat / melt			Asb	estos Content :	None Dete			
Layer	2 Y	ellow Mastic		Stereoscopic Exam	-					
	DIME	xamination		Color Yellow	Texture Rubbery	NO NO	? Homogeneous YES	NO NO	ND ND	<1 Sample
		Components Sinders	% +/- 100	Morphology Non-fibrous	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Bircf	Extinction Angle	Sign of Elongation
		eatment: heat/melt			Ach	ertor Contrat	None Dete	rtad		
Соти	ents :					Analys Date Sample	: 11/16/0 1	W. Mira 2298*10		n

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ETI Environmental Services

4112 VIA BALLENA MESQUITE, TEXAS 75150 (972) 279-9751

November 15, 2001

Steve Moody Micro Services, Inc. 1510 Randolph, Suite 602 Carrollton, Texas 75006

Re: PLM Testing on Bulk Samples

Gentlemen:

We have transmitted 51 bulk samples for PLM testing in accordance with NESHAP Regulations for asbestos to your laboratory at the above address. Provide point-counting on the friable samples with positive stop. Provide total wall system results on tape and bedding samples.

Analysis report is to be broken down and billed by project as follows:

NO. OF SAMPLES	SAMPLE DATE	BUILDING NAME	SAMPLE NUMBER
12	11-14-01	15109 Surveyor Blvd.	109S-1 thru 109S-12
12	11-14-01	15111 Surveyor Blvd.	1115-1 thru 1115-12
12	11-14-01	15113 Surveyor Blvd.	113S-1 thru 113S-12
15	11-14-01	15115 Surveyor Blvd. Addison, Texas	115S-1 thru 115S-15

Please list numerically on report from last digit(s) of sample #.

Please submit quality control results with final report.

Please sign and return one copy, keep the other copy for your records.

Thank You.

ETI ENVIRONMENTAL SPRVICES

STEVE MOODY MICRO SERVICES, INC.

Eddie Taw___

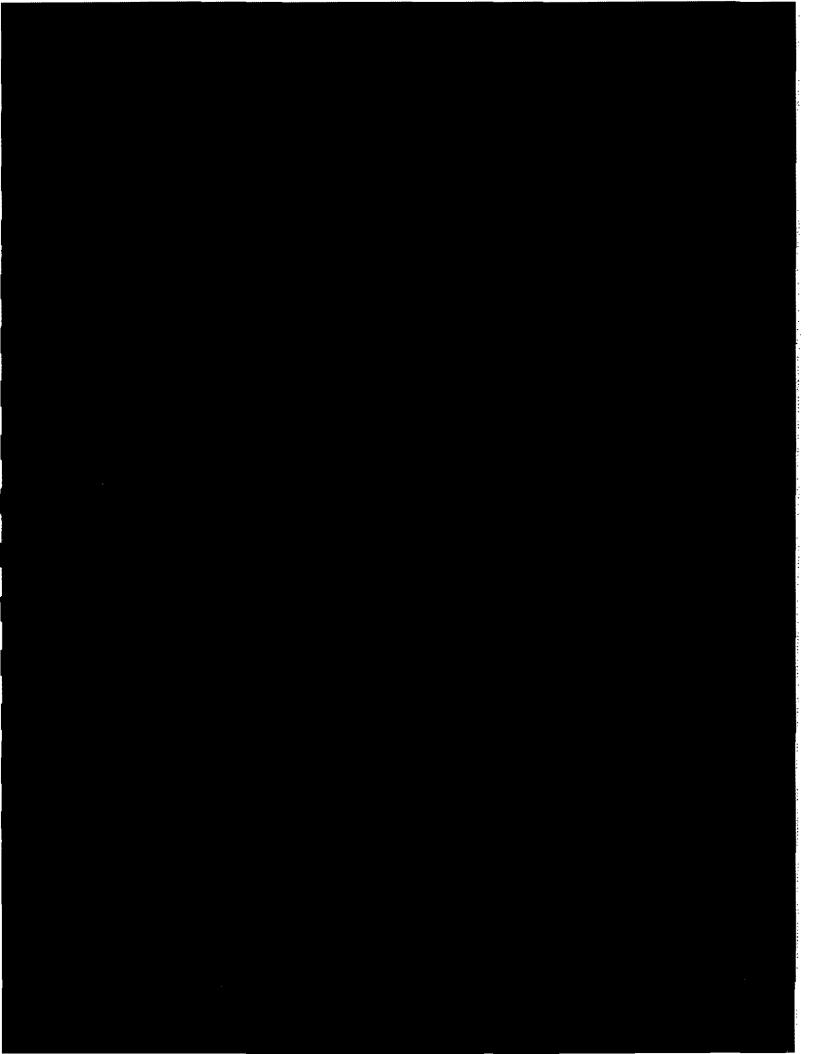
Asbestos Consultant

Receiver's Signature

11-16-01 Biora

Date

113-12298



PLM REPORT

Steve Moody Micro Services, Inc. 1510 Randolph, Suite 602 Carrollton, Texas 75006 (972) 446-9482 NVLAP Lab No. 102056 TDH License No. 30-0084

PAT ID # 102577

Client:

ETI Environmental Services

Lab Job No.: x1B-12299

Project:

15111 Surveyor Blvd.

Report Date: 11/17/2001

Project#:

Not Provided

Sample Date: 11/14/2001

Identification: Asbestos, Bulk Sample Analysis

Test Method: Polarized Light Microscopy / Dispersion Staining (PLM/DS)

EPA Method 40 CFR, Ch. 1, Pt. 763, Subpt. F, App. A

Page 1 of 2

On 11/16/01, twelve (12) bulk material samples were submitted by Eddie Taw of ETI Environmental Services for asbestos analysis by PLM/DS. Copies of the lab data sheets are attached; additional information may be found therein. The results are summarized below:

Sample Number	Client Sample Description / Location	Asbestos Content
1115-1	Wali Material	None Detected - Joint Compound
		None Detected - Texture
		None Detected - Textured Paint
111S-2	Wall Material	None Detected - Drywali Material
		None Detected - Texture
		None Detected - Textured Paint
111S-3	Wall Material	None Detected - Drywall Material
		None Detected - Texture
		None Detected - Textured Paint
111S -4	Wall Material on Tape and Bedding Material on Sheetrock	None Detected - Drywall Material
		None Detected - Texture
111S-5	Wall Material on Tape and Bedding Material on Sheetrock	None Detected - Drywall Material
	_	None Detected - Texture
		None Detected - Textured Paint
1118-6	Wall Material on Tape and Bedding Material on Sheetrock	None Detected - Drywall Material
		None Detected - Texture
		None Detected - Textured Paint
1118-7	2' x 4' Ceiling Panel	None Detected - Ceiling Tile
111S-8	2' x 4' Ceiling Panel	None Detected - Ceiling Tile
1118-9	2' x 4' Ceiling Panel	None Detected - Ceiling Tile
1118-10	Floor Covering, Rest Room	None Detected - Sheet Flooring
		65% Chrysotile - Fiber Backing
1118-11	Floor Covering, Rest Room	None Detected - Sheet Flooring
		65% Chrysotile - Fiber Backing

PLM REPORT

Steve Moody Micro Services, Inc. 1510 Randolph, Suite 602 Carrollton, Texas 75006 (972) 446-9482 NVLAP Lab No. 102056 TDH License No. 30-0084 PAT ID # 102577

Client:

ETI Environmental Services

Lab Job No.: x1B-12299

Project:

15111 Surveyor Blvd.

Report Date: 11/17/2001

Project #:

Not Provided

Sample Date: 11/14/2001

Identification: Asbestos, Bulk Sample Analysis

Test Method: Polarized Light Microscopy / Dispersion Staining (PLM/DS)

EPA Method 40 CFR, Ch. 1, Pt. 763, Subpt. F, App. A

Page 2 of 2

On 11/16/01, twelve (12) bulk material samples were submitted by Eddie Taw of ETI Environmental Services for asbestos analysis by PLM/DS. Copies of the lab data sheets are attached; additional information may be found therein. The results are summarized below:

Sample Number	Client Sample Description / Location	Asbestos Content
1118-12	Floor Covering, Rest Room	None Detected - Sheet Flooring 65% Chrysotile - Fiber Backing
111S-4	QC Sample	None Detected-Drywall Material None Detected-Texture

These samples were analyzed by layers. Quantification, unless otherwise noted, is performed by visual estimate. Results may not be reproduced except in full. This test report relates only to the samples tested. These test results do not imply endorsement by NVLAP or any agency of the U.S. Government. Accredited by the National Voluntary Laboratory Accreditation Program for Bulk Asbestos Fiber Analysis under Lab Code 102056.

Analyst:

Steve Moody

Lab Director: Steve Moody

Approved Signatory:

---- Thank you for choosing Steve Moody Micro Services

	<i>Moody Micro Services, In</i> cense No. 30-0084	C.			bestos Analysis Sl R, Ch. 1, Pt. 763, Sul				NVLAP Lab	No. 102056
Client	ETI Environme	ntal S	erv		, , , , , ,	, , , , , , , , , , , , , , , , , , ,				
Project	: 15111 Surveyor	Blv	j.							'
Project	#: Not Provided			Lab Job#: x1B-1 2	2299 Sample	# : 111S-1				
Client :	Sample Description: W	all M	ater	ial					Paç	ge 1 of 1
Layer	I DW Paper / Tape			Stereoscopic Exa						
Layer	1 Divi aperi rape			Color		Fexture	Homogeneous	? % Fibro	us % Asbestos	% of Sample
	PLM Examination			Tan / W	hite F	ibrous	YES	100	ND	30
	LEWI CYNHHIBRION		Γ.		Color	Parallel	Perpendicular		Extinction	Sign of
	Components	% 100	+/-	Morphology	/ Pleochroism	Ref. Index	Ref. Index	Biref	Angle	Elongation
	Cellulose Fibers	100		ribbons				high		
	Prep/treatment : mechanical	sepe	ratio —	n — — — — — —	Asb	estos Content:	None Dete	cted		
_	0									
Layer	2 Joint Compound			Stereoscopic Exa Color		Fexture	Homogeneous	294 Fibro	us % Ashestos	% of Sample
	DIA Dispuisation			White		Biocky	YES	ND	ND	30
	PLM Examination	Т			Color	Parallel	Perpendicular		Extinction	Sign of
	Components	%	+/-	Morphology	/ Pleochroism	Ref. Index	Ref. Index	Biref	Angle	Elongation
	Calcite / Talc / Binders	100		Non-Fibrous						
	Prep/treatment : mechanical	sepai	atio	n 	Ast	estos Content :	None Dete	cted		
-			_							
Layer	3 Texture			Stereoscopic Exa		_	1			
				Color White		Fexture Blocky	Homogeneous YES	? % Fibro	us % Asbestos ND	% of Sample 35
	PLM Examination			70100		JIUCNY	j , 165	ND	(4D	
	Commonste	%	.,	141-1	Color / Pleochroism	Parallel	Perpendicular	Biref	Extinction	Sign of
	Components Calcite / Talc / Binders	100	+/-	Morphology Non-Fibrous	/ Picocaroism	Ref. Index	Ref. Index	Difer	Angle	Elongation
	Prep/treatment : mechanical	sena	atio		Ash	estos Content :	None Dete	eted		
		- -	_	 						
Layer	4 Textured Paint			Stereoscopic Exa	ern.					
22,01	, TOXILIOUT CITY			Color		Texture	Homogeneous	? % Fibro	us % Asbestos	% of Sample
	DENEM 1 d			White	e R	ubbery	YES	ND	ND	5
	PLM Examination	т			Color	Parallel	Perpendicular	1	Extinction	Sign of
	Components	%	+/-	Morphology	/ Pleochroism	Ref. Index	Ref. Index	Biref	Ang ic	Elongation
	Pumice Pigment / Binders	90		Elongated Vessicles Non-fibrous				0		
	Lightent Dillocis			MOPHOLOES			<u> </u>			
	Prep/treatment : heat / melt				Ash	estos Content:	None Dete	cted		
			~]
					·					
Comm	ents:					Analyst : Date Analyza	Steve Mod	ody 17/01	M	,
						<u>_</u>	x1B-12299		. # . 441C	1

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ŀ	Moody Micro Services, I	nc.		Bulk As	bestos Ar	alysis S	hect				
TOH L	cense No. 30-0084			EPA Method 40 Cf	FR, Ch. 1, P	<u>t. 763, Sul</u>	xpt. F, App. A			NVLAP Lat	No. 102056
Client	ETI Environme	ntal S	erv	rices							
Project	: 15111 Surveyo	r Blvc	i,								VAA AAV IIII VAAAAAAIIIIIIIAAAA
Project	#: Not Provided			Lab Joh#: x1B-1	2299	Sample	# : 111S-2				000000000000000000000000000000000000000
Client	Sample Description: W	Vall M	ate	fial	-	***************************************	had a fall a fall a fall a fall a fall a fall a fall a fall a fall a fall a fall a fall a fall a fall a fall a			Pa	ge 1 of 1
Layer	1 Drywall Material			Stereoscopic Ex	~~~				Jar		
				Colo Whit			Fexture Blocky	Homogeneous'	% FIDTO	ND ND	76 OT Sample 87
	PLM Examination			7.7.11		***************************************	Diocky	160	, ,	140	
	Components	%		Morphology	Co / Picoc	lor hroism	Paralici Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
	Cellulose Fibers	5		ribbons					high		
	Gypsum / Binders	95		Non-fibrous			1				
	Prep/treatment: mechanical	l seper — —	atic —	THE STATE STATE STATES ASSESS ASSESS ASSESS TO	nenna Aurikali selilebe A	Ast	estos Content :	None Detec	ted 		2000 2000 000
Layer	2 DW Paper Facing			Stcreoscopic Ex	am						····
				Coto		{	exture	Homogeneous's			
	PLM Examination			Tar	1	F	Torous	YES	100	ND	5
	PLM EXAMINATION	1		<u> </u>	Co	lar .	Parallel	Perpendicular		Extinction	Cim of
	Components	%	4/-	Morphology		na imoism	Ref. Index	Ref. index	Biref	Angic	Sign of Elongation
	Cellulose Fibers	100	·	ribbons	1 2 1900	MALEY MORE	1002 01000	rest. musec	high	7 1445 144	
Layer	Prep/treatment: mechanical 3 Texture	Sepe	atio	Stereoscopic Ex	an			None Detec			MARANI MARINI VIV
				Colo			CALLIC	Homogeneous'			p
	PLM Examination			White	2		3tocky	YES	ND	ND	5
			١.,		Co		Parallel	Perpendicular	n	Extinction	Sign of
	Components	%	+/-	Morphology	/ Pieco	broism	Ref. Index	Ref. Index	Biref	Angle	Elongation
	Calcite / Talc / Binders	100		Non-Fibrous			.l	LL			
	Prep/treatment : mechanical	separ	atic		ه مست سید سید	Ast	estos Content ;	None Detec	ted	1000F 1000F 1000F	Seement which retails
Layer	4 Textured Paint			Sterenscopic Ex	******	·					
				Colo			l'exture	Homogeneous'			
	PLM Examination			Whit	2	R	ubbery	YES	DM	ND	<u> </u>
	· Lat Paritions	<u>-</u>	[Co	lor	Parailci	Perpendicular		Extinction	Sign of
	Components	%	+/	Morphology		hroism	Ref. Index	Ref. Index	Biref	Angle	Elongation
	Pumice	5		Elongated Vessicles					0		
	Pigment / Binders	95		Non-fibrous							
	Prop/treatment: heat / melt	••••	***************************************			Ast	estos Content :	None Detec	ted		
Сотя	nents:				***		Analyst : Date Analyze	Steve Mod	dy 7/01	Sh	/

Lab Job#: x1B-12299 | Sample #: 111S-2

	Moody Micro Services, In cense No. 30-0084	c.		Bulk Asb EPA Method 40 CFF						NVLAP Lat	No. 102056
Client	: ETI Environmer	rtal S	Servi	ces							
Project	: 15111 Surveyor	Blvc	i.								
Project	#: Not Provided			Lab Job#: x1B-12	299	Sample	# : 1115-3				
Client :	Sample Description: W	al) M	ateri	al	· · · · · · · · · · · · · · · · · · ·		уланнуур			Pa	ge 1 of 1
Layer	Drywall Material			Stereoscopic Exa	m						
				Color White			Fexture Blocky	Homogeneous YES	% Fibro	us % Asbestos ND	% of Sample 82
	PLM Examination			TT I I I I		<u></u> '	DRALEY	1 169	<u> </u>	L ND	02
	Components	%	+/	Morphology		olor chroism	Paraliei Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
	Glass Wool Fibers Cellulose Fibers	2 2		Rods ribbons					0		
	Gypsum / Binders	96	<u> </u>	Non-fibrous		·············			high		
	Prep/treatment : mechanical 2 DW Paper Facing	sepa	ration —	Stereoscopic Exa		Asl	pestos Content :	None Detec	ated		
,				Color	***		Codure	Homogeneous	?% Fibro	us % Asbestos	% of Sample
	PLM Examination			Tan			Tibrous	YES	100	ND	5
	PLAY EXBUIGADON	T			Co	olor	Parallel	Perpendicular		Extinction	Sign of
	Components	%	+/-	Morphology	/ Pleos	chroism	Ref. Index	Ref. Index	Biref	Angle	Elongation
	Cellulose Fibers	100		ribbons			<u> </u>		high		
Layer	Prep/treatment : mechanical	58pe i	ration	Stereoscopic Exa		Asi	estos Content :	None Detec	:ted 		
				Color	-	-	Texture	Homogeneous			
	PLM Examination			White) 	<u>i</u>	Biocky	YES	MD D	ND	10
	1 1745 EYEMIIIIGURAS	1	П		Co	olor	Parallel	Perpendicular		Extinction	Sign of
	Components Calcite / Tale / Binders	% 100	+/-	Marphology Non-Fibrous	/ Pleoc	hroism	Ref. Index	Ref. Index	Biref	Angle	Elongation
	Carcus / Taic / Binders	100	<u> </u>	Non-ribrous			<u> </u>				[
v*	Prep/treatment: mechanical	sepa	ration	1 	THE TOWN	Ast 	estes Content:	None Detec	:ted 	Marine Mc.	
Layer	4 Textured Paint			Stereoscopic Exa	m						
				Color		_ 	Cxture	Homogeneous			
	PLM Examination			White	<u> </u>		tubbery	YES	LND	QM	3
	Components	%	+/-	Morphology		okor chroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref`	Extinction Angle	Sign of Elongation
	Perlite			Glass Foam					0		
	Pigment / Binders	95	11	Non-fibrous			<u></u>				
	Prep/treatment : heat / melt					Asi	estos Content :	None Detec	ted		
Cornar	nents:					-	Analyst :	Steve Mod		N	
						THE ALL AS THE PROPERTY AND THE PROPERTY AND THE PROPERTY AND THE PROPERTY AND THE PROPERTY AND THE PROPERTY AND THE PROPERTY AND THE PROPERTY AND THE PROPERTY AND THE PROPERTY AND THE PROPERTY AND THE PROPERTY AND THE PROPERTY AND THE PROPERTY AND THE PROPERTY AND THE PROPERTY AND THE PROPERTY AND THE PROPERTY AND THE PROPERTY AND THE PROPERTY AND THE PROPERTY AND THE PROPERTY AND THE PROPERTY AND THE PROPERTY AND THE PROPERTY AND THE PROPERTY AND THE PROPERTY AND THE PROPERTY AND THE PROPERTY AND THE PROPERTY AND THE PROPERTY AND THE PROPERTY AND THE PROPERTY AND THE PROPERTY AND THE PROPERTY AND THE PROPERTY AND THE PROPERTY AND THE PROPERTY AND THE PROPERTY AND THE PROPERTY AND THE PROPERTY AND THE PROPERTY AND THE PROPERTY AND THE PROPERTY AND THE PROPERTY AND THE PROPERTY AND THE PROPERTY AND THE PROPERTY AND THE PROPERTY AND THE PROPERTY AND THE PROPERTY AND THE PROPERTY AND THE PROPERTY AND THE PROPERTY AND THE PROPERTY AND THE PROPERTY AND THE PROPERTY AND THE PROPERTY AND THE PROPERTY AND THE PROPERTY AND THE PROPERTY AND THE PROPERTY AND THE PROPERTY AND THE PROPERTY AND THE PROPERTY AND THE PROPERTY AND THE PROPERTY AND THE PROPERTY AND THE PROPERTY AND THE PROPERTY AND THE PROPERTY AND THE PROPERTY AND THE PROPERTY AND THE PROPERTY AND THE PROPERTY AND THE PROPERTY AND THE PROPERTY AND THE PROPERTY AND THE PROPERTY AND THE PROPERTY AND THE PROPERTY AND THE PROPERTY AND THE PROPERTY AND THE PROPERTY AND THE PROPERTY AND THE PROPERTY AND THE PROPERTY AND THE PROPERTY AND THE PROPERTY AND THE PROPERTY AND THE PROPERTY AND THE PROPERTY AND THE PROPERTY AND THE PROPERTY AND THE PROPERTY AND THE PROPERTY AND THE PROPERTY AND THE PROPERTY AND THE PROPERTY AND THE PROPERTY AND THE PROPERTY AND THE PROPERTY AND THE PROPERTY AND THE PROPERTY AND THE PROPERTY AND THE PROPERTY AND THE PROPERTY AND THE PROPERTY AND THE PROPERTY AND THE PROPERTY AND THE PROPERTY AND THE PROPERTY AND THE PROPERTY AND THE PROPERTY AND THE PROPERTY AND THE PROPERTY AND THE PROPERTY AND THE PROPERTY AND THE PROPERTY AND THE PROPERTY	Date Analyza Lab Job# :	x1B-12299	7/01 Samp		··

	Moody Micro Services, Inc cense No. 30-0084	.		Bulk As EPA Method 40 CF	bestos Analysi				XD/I AD Lab	No. 102056
		41			'R, CH 1, FL 103,	Scoope F, App. A			IVVL/AF LAI	10, 102030
Client:	ETI Environmen	nai S	ervic	æs						
Project	: 15111 Surveyor	Blvd	l.							-
Project	#: Not Provided			Lab Job#: x18-1	2299 Sam	plc#: 111S-4				
Client	Sample Description: W	all M	ateria	al on Tape and Be	dding Materia	i on Sheetrock	<u> </u>		Pag	je 1 of 1
Layer	Drywall Material			Stereoscopic Ex	am.					
*				Colo		Texture	Homogeneous	% Fibro		% of Sample
	PLM Examination			Whit	99	Błocky	YES	2	DM	85
	PLM Examination		П	The state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the s	Color	Parallel	Perpendicular		Extinction	Sign of
	Components		+/-	Morphology	/ Pleochroisn	Ref. Index	Ref. Index	Bircf	Angle	Elongation
	Glass Wool Fibers Cellulose Fibers	2		Rods ribbons				0 high		
	Gypsum / Binders	96		Non-fibrous				1419411		1
Layer	Prop/treasment : mechanical :		ation — —	Stereoscopic Ex		Ashestes Content:	None Detec	eted	and News E	
	Ŷ			Colo		Texture	Homogeneous	7 % Fibro	us % Asbestos	% of Sample
	*** * * ***			Tan	<u> </u>	Fibrous	YES	100	ИD	5
	PLM Examination	T			Color	Parallel	Perpendicular		Extinction	Sign of
	Components	1%	4/	Morphology	/ Pleochroism	1	Ref. Index	Biref	Angle	Elongation
	Cellulose Fibers	100		ribbons				high		
Layer	Prep/treatment: mechanical:		-	Stereoscopic Ex	r	Texture	Homogeneous			
	PLM Examination			Whit	9	Blocky	YES	ND	ND	10
	Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Pexpendicular Ref. Index	Bircf	Extinction Angle	Sign of Flongation
	Calcite / Talc / Binders	100	LL	Non-Fibrous						<u> </u>
	Prep/treatment : mechanical :	separ	ation			Asbestos Content:	None Detec	ted	10.00 marries Agricultur	
Comm	ents:					Analyst : Date Analyz	Steve Moo	ody 17/01	512	
						<u> </u>	ed: 11/1 x1B-12299			

	Moody Micro Services, II icense No. 30-0084	ic.		Bulk As EPA Method 40 C	sbestos Anal FR, Ch. 1, Pt.			· · · · · · · · · · · · · · · · · · ·		NVLAP Lab	No. 102056
Client	ETI Environme	ntal S	ervi	ces							
Project	: 15111 Surveyo	r Blvc	l.								
Project	#: Not Provided			Lab Job#: x1B-1	1 2299 S	Sample (# : 111S-5				
Client :	Sample Description: W	/all M	ateri	al оп Tape and Be	edding M at	erial o	n Sheetrock			Paç	ge 1 of 2
Layer	I Drywall Material			Stereoscopic Ex	cam						
-	•			Colo	Y	1	cature	Нотодспесия	7 % Fibro	us % Asbestos	% of Sample
	was water A. W.			Whi	te		Blocky	YES		ND	82
	PLM Examination		г т		7 7		TS 43.1	les		** ** ***	
	Components	%	+/-	Morphology	Color / Pleoche		Parailel Ref. Index	Perpendicular Ref. Index	Bircf	Extinction Angle	Sign of Elongation
	Glass Wool Fibers	2		Rods					0		
	Cellulose Fibers	2		enoddin			<u> </u>		high	······································	
	Gypsum / Binders	96		Non-fibrous							l
Layer	Prep/treatment : mechanical 2 DW Paper / Tape	sepai	ation	Stereoscopic Ex			****	None Detec		-	
į				Colc			adure	Homogeneous			~~~~~~~~
	PLM Examination			Tan/V	Vhite	F	ibrous	YES	100	ND	5
	L Plat Exmitnismon		Т		Color	r	Parallel	Perpendicular		Extinction	Sign of
	Components	%	+/	Morphology	/ Pleochir		Ref. Index	Ref. Index	Biref	Angle	Elongation
	Cellulose Fibers	100		ribbons			-		high		
_	- 504(5) 15			f							
Layer	3 DW Paper / Tape			Stereoscopic Ex	ж		exture	Homogeneous'			
Layer				,	ж		exture librous	Homogeneous'	? % Fibro	us % Asbestos ND	% of Sample 5
Layer	PLM Examination Components	%	+/-	Colo Tan / W	ж	F			100 Biref		
	PLM Examination Components Cellulose Fibers	100		Cole Tan / W Morphology ribbons	Vhite Color	r oism	Parallel Ref. Index	YES Perpendicular Ref. Index	Birsf high	ND Extinction	5 Sign of
	PLM Examination Components	100		Cole Tan / W Morphology ribbons	Vhite Color	r oism	Parallel Ref. Index	YES Perpendicular	Birsf high	ND Extinction	5 Sign of
	PLM Examination Components Cellulose Fibers	100		Cole Tan / W Morphology ribbons	Vhite Color / Pleochro	r oism	Parallel Ref. Index	YES Perpendicular Ref. Index Norre Detec	Biref high	Extinction Angle	Sign of Elongation
	PLM Examination Components Cellulose Fibers Prep/treatment: mechanical	100		Cole Tan / W Morphology ribbons Stereoscopic Ex	Color / Pleochra	roism Asb	Parallel Ref. Index estos Content;	Perpendicular Ref. Index Norie Detection Homogeneous	Biref high ted	Extinction Angle	Sign of Etongation
Layer	PLM Examination Components Cellulose Fibers Prep/treatment : mechanical	100		Colo Tan I W Morphology ribbons Stereoscopic Ex	Color / Pleochra	roism Asb	Parallel Ref. Index estos Content;	YES Perpendicular Ref. Index Norre Detec	Biref high	Extinction Angle	Sign of Elongation
Layer	PLM Examination Components Cellulose Fibers Prep/treatment: mechanical	100		Cole Tan / W Morphology ribbons Stereoscopic Ex	Vhite Color / Pleochr	Foism Asb	Paxallel Ref. Index estos Content ; exture Blocky	Perpendicular Ref. Index Norre Detect Homogeneous YES	Biref high ted	Extinction Angle Angle A Sheetos ND	Sign of Etongation
Layer	PLM Examination Components Cellulose Fibers Prep/treatment : mechanical	seper		Cole Tan / W Morphology ribbons Stereoscopic Ex	Color / Pleochra	Asb	Parallel Ref. Index estos Content;	Perpendicular Ref. Index Norie Detection Homogeneous	Biref high ted	Extinction Angle	Sign of Etongation
L8yer	PLM Examination Components Cellulose Fibers Prep/freatment: mechanical 4 Texture PLM Examination	seper	ation	Cole Tan / W Marphology ribbons Stereoscopic Ex Cole With	Color / Pleochra	Asb	Parallel Ref Index estos Content : exture Blocky Parallel	Perpendicular Ref. Index Norre Detect Homogeneous YES Perpendicular	Biref high cted	Extinction Angle MS Asbestos ND Extinction	Sign of Etongation 4 of Sample 5 Sign of
Løyer	PLM Examination Components Cellulose Fibers Prep/treatment : mechanical 4 Texture PLM Examination Components	% 100	ation	Cole Tan / W Marphology ribbons Stereoscopic Ex Cole Whi Morphology Non-Fibrous	Color / Pleochra	Asb T F Toism	Parallel Ref. Index estos Content : exture Blocky Parallel Ref. Index	Perpendicular Ref. Index Norre Detect Homogeneous YES Perpendicular	Biref high :ted	Extinction Angle MS Asbestos ND Extinction	Sign of Etongation 4 of Sample 5 Sign of
Løyer	PLM Examination Components Cellulose Fibers Prep/treatment: mechanical 4 Texture PLM Examination Components Calcite / Taic / Binders Prep/treatment: mechanical	% 100	ation	Cole Tan / W Marphology ribbons Stereoscopic Ex Cole Whi Morphology Non-Fibrous	Color / Pleochra	Asb T F Toism	Parallel Ref Index estos Content : exture Blocky Parallel Ref. Index estos Content : Carteria : Date Analyza	Perpendicular Ref. Index Norie Detect Homogeneous YES Perpendicular Ref. Index None Detect Steve Moc	Biref high cted 7 % Fibro ND Biref cted	Extinction Angle is % Asbestos ND Extinction Angle	Sign of Etongation % of Sample 5 Sign of Etongation

Bulk Asbestos Analysis Sheet

TDH License No. 30-0084

EPA Method 40 CFR, Ch. 1, Pl. 763, Subpt. F, App. A

NVLAP Lab No. 102056

Client:

ETI Environmental Services

Project:

15111 Surveyor Blvd.

Project #:

Not Provided

Lab Job#: x1B-12299

Sample #: 111S-5

Client Sample Description:

Wall Material on Tape and Bedding Material on Sheetrock

Page 2 of 2

Layer 5 Textured Paint

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample	l
White	Rubbery	YES	ND	NĐ	3	l

DIRA	L	unation
L TANK		ER MERCHER

				Color	Parafici	Perpendicular		Extinction	Sign of
Components	%	4/-	Morphology	/ Pleochroism	Ref. Index	Ref. Index	Biref	Angle	Elongation
Pertite	5		Glass Foam				0		
Pigment / Binders	95	•	Non-fibrous						

Prep/treatment: heat / mett

Asbestos Content: None Detected

Comments:

Steve Moody Analyst:

Date Analyzed:

11/17/01

Lab Job#: x1B-12299 Sample #: 111S-5

	loody Micro Services, .	F _{rance}							
	ense No. 30-0084	un.		sbestos Analys FR. Ch. I. Pt. 763	is Sheet , Subpt. F. App. A			NVLAP I al	b No. 102056
Client:	ETI Environm	ental Servi				**************************************			
Project :	15111 Survey	or Blyd.							
Project#			Lab Job#: x1B-1	1 2299 San	mple#: 111S-6				
•		Wall M ateri	al on Tape and B		•	r		Par	ge 1 of 2
									<u> </u>
Layer 1	1 Drywall Material		Stereoscopic E		Texture	Hamaneneces	and Film	us % Asbestos	Mama2 la M
to.	LM Examination		Wh		Blocky	YES	2	D AD	82
				Color	Parallel	Perpendicular		Extinction	Sign of
ē	Components Blass Wool Fibers	% +/- 2	Morphology Rods	/ Pleochrois	m Ref. Index	Ref. Index	Biref C	Angle	Elongation
C	Cellulose Fibers	2	ribbons				hìgh	***************************************	
G	Sypsum / Binders	96	Non-fibrous			<u></u>			
P	rep/treatment : mechanic	al separation	·		Asbestos Content:	None Dete	cted		
	SUD (T								-
Layer 2	2 DW Paper / Tape	•	Stereoscopic E		Texture	Homosencon	? % Fibro	us % Asbestos	% of Sample
_			Tan/\		Fibrous	YES	100	ON	5
Pi [LM Examination			Color	Parallel	Perpendicular		Extinction	Sign of
1	Components	% +/-	Morphology	/ Pleochrois		Ref. Index	Biref	Angle	Elongation
C	Zelhulose Fibers	100	ribbons			<u> </u>	high		
P	rep/treatment : mechanic	al seperation	• — — — — —		Asbestos Content:	None Dete	cted		
									D.RE 300000 D
Layer 3	DW Paper / Tape	•	Stereoscopic E	xam			-1440 - HARA A		MARINE NAMES N
Layer 3	DW Paper / Tape	•	Cole	or _	Texture			us % Asbestos	
Layer 3	DW Paper / Tape	•		or _	Texture Fibrous	Homogeneous YES	? % Fibro	us % Asbestos ND	% of Sample 5
•	LM Examination		Cole Tan / N	or Mhite Color	Fibrous Parallel	YES Perpendicular	100	ND Extinction	Sign of
P		% +/- 100	Cole	or Mhite	Fibrous Parallel	YES		ND	5
₽ - C	LM Examination Components	% +/- 100	Cole Tan / N Morphology ribbons	or Mhite Color	Fibrous Parallel	YES Perpendicular Ref. Index	Biref	ND Extinction	Sign of
- - -	LM Examination Components cellulose Fibers	% +/- 100	Cole Tan / N Morphology ribbons	or Mhite Color	Fibrous Parallel m Ref. Index	YES Perpendicular Ref. Index	Biref	ND Extinction	Sign of
P C	LM Examination Components cellulose Fibers	% +/- 100	Marphology ribbons Stereoscopic E	or White Color / Pleochrois	Fibrous Paraliel Ref. Index Asbestos Content:	YES Perpendicular Ref. Index None Dete	Biref high	Extinction Angle	Sign of Elongation
P C	Components Components Cellulose Fibers Prep/treatment : mechanics	% +/- 100	Morphology ribbons Stereoscopic E:	Color / Pleochrois	Fibrous Paraliel Ref. Index Asbestos Content: Texture	YES Perpendicular Ref. Index	Biref high	Extinction Angle	Sign of Elongation
Pi C Pi	Components Components Cellulose Fibers Prep/treatment : mechanics	% +/- 100	Marphology ribbons Stereoscopic E	Afhite Color / Pleoctarois	Parallel Ref. Index Asbestos Content: Texture Blocky	YES Perpendicular Ref. Index None Dete	Biref high	Extinction Angle as % Asbestos ND	Sign of Elongation
Pi C Pi	Components Components Cellulose Fibers Prep/treatment : mechanics Texture PLM Examination	% +/- 100 al seperation	Morphology ribbons Sterenscopic E Col	Color / Pleoctarois	Fibrous Parallel Ref. Index Asbestos Content: Texture Blocky Parallel	Perpendicular Ref. Index None Dete Homogeneous YES Perpendicular	Biref high cted	Extinction Angle us % Asbestos ND Extinction	Sign of Elongation % of Sample 5
P P Layer 4	Components Components Celfulose Fibers Prep/treatment : mechanics	% +/- 100	Morphology ribbons Stereoscopic E:	Afhite Color / Pleoctarois	Fibrous Parallel Ref. Index Asbestos Content: Texture Blocky Parallel	YES Perpendicular Ref. Index None Dete	Biref high	Extinction Angle as % Asbestos ND	Sign of Elongation
Pi C Pi Layer 4	Components Cellulose Fibers Prep/treatment : mechanics Texture CLM Examination Components	% +/- 100 al seperation	Morphology ribbons Sterenscopic E: Col. Whi Morphology Non-Fibrous	Color / Pleoctarois	Fibrous Parallel Ref. Index Asbestos Content: Texture Blocky Parallel	Perpendicular Ref. Index None Dete Homogeneous YES Perpendicular Ref. Index	Biref high cted	Extinction Angle us % Asbestos ND Extinction	Sign of Elongation % of Sample 5

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Bulk Asbestos Analysis Sheet

TDH License No. 30-0084

EPA Method 40 CFR, Ch. 1, Pt. 763, Subpt. F, App. A

NVLAP Lab No. 102056

Client:

ETI Environmental Services

Project:

15111 Surveyor Blvd.

Project#:

Not Provided

Lab Job#: x1B-12299

Sample #: 1115-6

Client Sample Description:

Wall Material on Tape and Bedding Material on Sheetrock

Page 2 of 2

Layer 5 Textured Paint

Stereoscopic Exam

Color	Texture	Homogeneous?	% Pibrous	% Asbestos	% of Sample
White	Rubbery	YES	ND	OM	3

PLM Examination

				Color	Paraliel	Perpendicular		Extinction	Sign of
Components	%	+/	Morphology	/ Pleochroism	Ref. Index	Ref. Index	Bircf	Angle	Elongation
Perlite			Glass Foam				0		
Pigment / Binders	95		Non-fibrous						

Prop/trealment : heat / melt

Asbestos Content: None Detected

Comments:

Analyst: Steve Moody

Date Analyzed:

11/17/01

Lab Job#: x1B-12299 | Sample #: 111S-6

Bulk Asbestos Analysis Sheet

TDH License No. 30-0084

EPA Method 40 CFR, Ch. 1, Pt. 763, Subpt. F, App. A

NVLAP Lab No. 102056

Client:

ETI Environmental Services

Project:

15111 Surveyor Blvd.

Project#:

Not Provided

Lab Job#: x1B-12299

Sample #: 111S-7

Client Sample Description : 2' x 4' Ceiling Panel

Page 1 of 1

Layer 1 Ceiling Tile

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Light Grey	Fibrous	YES	80	ND	100

PLM Examination

A SARTE AND AND AND AND AND AND AND AND AND AND									
				Color	Parallel	Perpendicular		Extinction	Sign of
Components	%	+/	Morphology	/ Pleochroism	Ref Index	Ref. Index	Biref	Angle	Elongation
Cellulose Fibers	50	ĺ	ribbons				high		
Mineral Wool Fibers	30		Rods				Û		
Perlite	20		Glass Foam				O		

Prep/treatment: mechanical separation

Asbestos Content: None Detected

Comments:

Steve Moody Analyst: 11/17/01 Date Analyzed:

Lab Job#: x1B-12299 | Sample #: 111S-7

Bulk Asbestos Analysis Sheet

TDH License No. 30-0084

EPA Method 40 CFR, Ch. 1, Pt. 763, Subpt. F, App. A

NVLAP Lab No. 102056

Client:

ETI Environmental Services

Project:

15111 Surveyor Blvd.

Project#:

Not Provided

Lab Job#: x1B-12299

Sample #: 111S-8

Client Sample Description:

2' x 4' Ceiling Panel

Page 1 of 1

Layer 1 Ceiling Tile

Stereoscopic Exam

Color Texture Homogeneous? % Fibrous % Asbestos % of Sample Light Grey Fibrous YES 80 ND 100

PLM Examination

1 12/7 (CARDILLANDS)(V)									
				Color	Parallel	Perpendicular		Extinction	Sign of
Components	%	4/	Morphology	/ Pleochroism	Ref. Index	Ref. Index	Biref	Angle	Elongation
Cellulose Fibers	50		ribbons				high		A 400-100-100
Mineral Wool Fibers	30		Rods				0		
Perfite	20		Glass Foam				0		

Prep/treatment: mechanical separation

Asbestos Content: None Detected

Comments:

Analyst: Steve Moody
Date Analyzed: 11/17/01

Lab Job#: x1B-12299 Sample #: 111S-8

Steve Moody Micro Services, Inc. TDH License No. 30-0084

Bulk Asbestos Analysis Sheet

EPA Method 40 CFR, Ch. 1, Pt. 763, Subpt. F, App. A

NVLAP Lab No. 102056

Client:

ETI Environmental Services

Project:

15111 Surveyor Blvd.

Project #:

Not Provided

Lab Job#: x1B-12299

Sample #: 111S-9

Client Sample Description: 2' x 4' Ceiling Panel

Page 1 of 1

Layer 1 Ceiling Tile

Stereoscopic Exam

Color		Homogeneous?	% Fibrous	% Asbestos	% of Sample
Light Grey	Fibrous	YES	80	ND	100

PLM Examination

				Color		Perpendicular	1	Extinction	Sign of
Components	%	+/-	Morphology	/ Pleochroism	Ref. Index	Ref. Index	Biref	Angle	Elongation
Cellulose Fibers	50		ribbons				high		
Mineral Wool Fibers	30	¥	Rods				0		
Perfits	20)	Glass Foam				0		

Prep/treatment: mechanical separation

Asbestos Content: None Detected

Comments:

Steve Moody Analyst:

Date Analyzed:

11/17/01

Lab Job#: x1B-12299 Sample #: 111S-9

Steve Moody Micro Services, Inc. **Bulk Asbestos Analysis Sheet** TDH License No. 30-0084 NVLAP Lab No. 102056 EPA Method 40 CFR, Ch. 1, Pt. 763, Subpt. F, App. A Client: **ETI Environmental Services** Project: 15111 Surveyor Blvd. Project #: **Not Provided** Lab Job#: x1B-12299 Sample #: 111S-10 Client Sample Description: Floor Covering, Rest Room Page 1 of 1 Layer I Sheet Flooring Stercoscopic Exam Homogeneous? % Fibrous % Asbestos % of Sample Texture Color Brown Tough YES ND ND PLM Examination Color Paralici Perpendicular Extinction Sign of Components % +/-/ Pleochroism Ref, Index Ref. Index Biref Angle Elongation Morphology Synthetic Foam 70 **Closed Cells** 30 Vinyl Binders Non-fibrous Asbestos Content: None Detected Prep/treatment : heaf / melt Layer 2 Fiber Backing Stereoscopic Exam Homogeneous? % Fibrous % Asbestos % of Sample Color Texture Light Gray **Fibrous** YES 65 PLM Examination Color Parallel Perpendicular Extinction Sign of Ref Index Ref. Index Elongation Components % 4/... Morphology / Pleochroism Bircf Angle 65 15 1.558 Chrysotile silky / wavy 1.548 0 None IOW Binders / Fillers 35 Non-fibrous Prep/treatment: mechanical seperation Asbestos Content: 65% Chrysotile Comments: Analyst: Steve Moody M 11/17/01 Date Analyzed: Lab Job#: x1B-12299 | Sample #: 111S-10

Steve Moody Micro Services, Inc. **Bulk Asbestos Analysis Sheet** TDH License No. 30-0084 EPA Method 40 CFR, Ch. 1, Pt. 763, Subpt. F, App. A NVLAP Lab No. 102056 Client: **ETI Environmental Services** Project: 15111 Surveyor Blvd. Project#: **Not Provided** Lah Job#: x1B-12299 Sample #: 1115-11 Client Sample Description: Floor Covering, Rest Room Page 1 of 1 Layer 1 Sheet Flooring Stereoscopic Exam Texture Homogeneous? % Fibrous % Asbestos % of Sample Color YES ND ND Brown Tough PLM Examination Color Parallel Perpendicular Extinction Sign of Marphology Components +/-/ Pleochroism Ref. Index Ref. Index Biref Angle Elongation Synthetic Foam 70 Closed Calls Vinyl Binders Non-fibrous Asbestos Content: None Detected Prep/treatment : heat / melt Layer 2 Fiber Backing Stereoscopic Exem Color Texture Homogeneous? % Fibrous % Asbestos % of Sample YES **Light Grey Fibrous** 65 65 PLM Examination Perpendicular Paratlel Sign of Color Extinction Composicnis +/--Morphology / Pleochroism Ref. Index Rcf. Index Buci Angle Elongation Chrysotile 1.556 65 15 silky / wavy None 1.548 Õ low Binders / Fillers Non-fibrous Prop/treatment: mechanical seperation Asbestos Content: 65% Chrysotile Comments: Analyst: **Steve Moody** 11/17/01 Date Analyzed:

ž.

Lab Job#: x1B-12299 | Sample #: 111S-11

Steve Moody Micro Services, Inc. **Bulk Asbestos Analysis Sheet** TDH License No. 30-0084 EPA Method 40 CFR, Ch. 1, Pt. 763, Subpt. F, App. A NVLAP Lab No. 102056 Client: ETI Environmental Services 15111 Surveyor Blvd. Project: Project #: **Not Provided** Lab Job#: x1B-12299 Sample #: 1115-12 Client Sample Description: Floor Covering, Rest Room Page 1 of 1 Layer I Sheet Flooring Stereoscopic Exam Homogeneous? % Fibrous % Asbestos % of Sample Color Toture ND ND Tough YES Brown PLM Examination Paralici Perpendicular Extinction Sign of Color Components % Morphology / Pleochroism Ref. Index Ref. Index Biref Angle Elongation Synthetic Foam 70 Closed Cells Vinyl Binders 30 Non-fibrous Prep/treatment: heat / melt Asbestos Content: None Detected Layer 2 Fiber Backing Stereoscopic Exam Homogeneous? % Fibrous % Asbestos % of Sample Celor Texture YES 65 50 **Light Grey Fibrous** 65 PLM Examination Paralici Percendicular Extinction Sign of Color Components % Morphology / Piecchroism Ref. Index Ref. Index Biref Angle Elongation Chrysotile 65 15 sility / wavy 1,556 1.548 None tow Binders / Fillers Non-fibrous Asbestos Content: 65% Chrysotile Prep/treatment: mechanical seperation

Comments:

Analyst: Steve Moody
Date Analyzed: 11/17/01

Lab Job#: x1B-12299 | Sample #: 111S-12

	Moody Micro Services icense# 30-008	, Inc.		QC EPAN	Analysis Sheet (ethod 600/R-93/116					NVLA	P Lab# 2056
Client	: QC SAMPLE	3									
Sample	#: x1B-12299*11	115-4									The second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second secon
Sample	e Analysis :				hhhhid à fairle			hhhh		PPPPPPWWWWWWWWWWWWWWWW	1
Layer	1 Drywall Material			Stereoscopic Exam	10000000				dia ww		
	PLM Examination			Color White	Texture Blocky		YES	YES	7% FIDR	ous % Asbestos ND	30 30
	PLM Examination	1	Ι		Color	Par	railei	Perpendicular		Extinction	Sign of
	Components Glass Wool Fibers	%		Morphology Rods	/ Pleochroism	Ref.	Index	Ref, index	Biref 0	Angle	Elongation
	Cellulose Fibers	1		ribbons					high	***************************************	
	Gypsum / Binders	97	1	Non-fibrous							
	Prep/treatment: mechani	cal sepa	ratio	X 1	Asb	estos C	ontant :	None Dete	cted 		»,»
Layer	2 DW Paper Facir	ng		Stereoscopic Exam					٠		
				Color	Texture					ous % Asbestos	% of Sample 5
	PLM Examination			Tan	Fibrous		YES	YES	100	ND	3
	Components		+/-		Color / Pleochroism	1	railei Index	Perpendicular Ref. Index		Extinction	Sign of Elongation
	Cellulose Fibers	100		Morphology ribbons	7 (7) (CALIFOLDIA)	REL	UKKA	Rei. Mirex	Biref high	Angle	CHAIRSTOR
	Prep/treatment : mechani	cal sepe	ratio)N	Ash	estos C	content:	None Dete	cted		
	a T									-	
Layer	3 Texture			Stereoscopic Exam Color	Texture		Friable	Homogeneous	? % Fibro	ous % Asbestos	% of Sample
	WAY & 2 Yes 5 25			White	Blocky		YES	YES	ND		5
	PLM Examination		T		Color	Pau	ralici	Perpendicular		Extinction	Sign of
	Components Calcite / Talc / Binders	100	+/-		/ Pleochroism	Ref.	Index	Ref. Index	Biref	Angle	Elongation
	Paicie, (aic.) pipoeiz	100	1	Non-Fibrous		J		l	••••	J	
	Prep/treatment : mechani	cal sepa	ratic		Aşb	estos C	ontent :	None Dete	cted	3888 WILLIAM WARFE	
	•					1					
			*								
											o and a second
											1
Comn	gents :				****	<i>l</i>	Analyst Date			acle f	<u> </u>

ETI Environmental Services

4112 VIA BALLENA MESQUITE, TEXAS 75150 (972) 279-9751

November 15, 2001

Steve Moody Micro Services, Inc. 1510 Randolph, Suite 602 Carrollton, Texas 75006

Re: PLM Testing on Bulk Samples

Gentlemen:

We have transmitted 51 bulk samples for PLM testing in accordance with NESHAP Regulations for asbestos to your laboratory at the above address. Provide point-counting on the friable samples with positive stop. Provide total wall system results on tape and bedding samples.

Analysis report is to be broken down and billed by project as follows:

NO. OF SAMPLES	SAMPLE DATE	BUILDING NAME	SAMPLE NUMBER
12 12	11-14-01 11-14-01	15109 Surveyor Blvd. 15111 Surveyor Blvd.	109S-1 thru 109S-12 111S-1 thru 111S-12
12	11-14-01	15113 Surveyor Blvd.	113S-1 thru 113S-12
15	11-14-01	15115 Surveyor Blvd. Addison, Texas	115S-1 thru 115S-15

Please list numerically on report from last digit(s) of sample #.

Please submit quality control results with final report.

Please sign and return one copy, keep the other copy for your records.

Thank You.

ETI ENVIRONMENTAL SERVICES

STEVE MOODY MICRO SERVICES, INC.

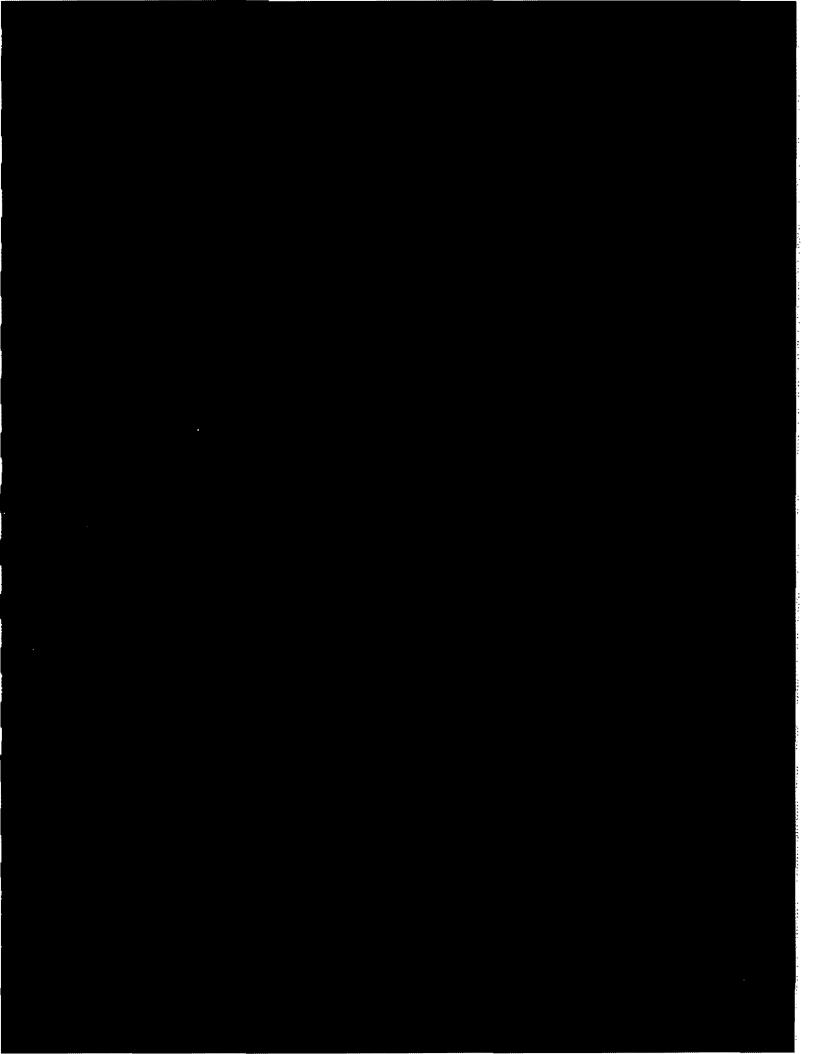
Eddie Taw__

Asbestos Consultant

Receiver's Signature

11-16-01 8:00 em

Date



PLM REPORT

Steve Moody Micro Services, Inc. 1510 Randolph, Suite 602 Carrollton, Texas 75006 (972) 446-9482

NVLAP Lab No. 102056 TDH License No. 30-0084

PAT ID# 102577

Client:

ETI Environmental Services

Lab Job No.: x1B-12300

Project:

15113 Surveyor Blvd.

Report Date: 11/17/2001

Project #:

Not Provided

Sample Date: 11/14/2001

Identification: Asbestos, Bulk Sample Analysis

Test Method: Polarized Light Microscopy / Dispersion Staining (PLM/DS)

EPA Method 40 CFR, Ch. 1, Pt. 763, Subpt. F, App. A

Page 1 of 2

On 11/16/01, twelve (12) bulk material samples were submitted by Eddie Taw of ETI Environmental Services for asbestos analysis by PLM/DS. Copies of the lab data sheets are attached; additional information may be found therein. The results are summarized below:

ample Number	Client Sample Description / Location	Asbestos Content			
1138-1	Wall Material	None Detected - Drywall Material			
		None Detected - Texture			
1138-2	2' x 4' Ceiling Panel	None Detected - Ceiling Tile			
1138-3	Wall Material on Tape & Bedding Material on Sheetrock	None Detected - Drywall Material			
		None Detected - Joint Compound			
		None Detected - Texture			
1138-4	12" x 12" Floor Tile with Yellow Glue	None Detected - Yellow Mastic			
		None Detected - Floor Tile			
		None Detected - Yellow Mastic			
		None Detected - Brown Mastic			
1138-5	12" x 12" Floor Tile with Yellow Glue	None Detected - Yellow Mastic			
		None Detected - Floor Tile			
		None Detected - Yellow Mastic			
		None Detected - Brown Mastic			
113 S-6	Carpet over 12" x 12" Floor Tile with Yellow Glue	None Detected - Carpet			
		None Detected - Yellow Mastic			
		None Detected - Floor Tile			
		None Detected - Yellow Mastic			
1138-7	2' x 4' Ceiling Panel	None Detected - Ceiling Tile			
113S-8	Wall Material on Tape & Bedding Material on Sheetrock, Rest Room	None Detected - Joint Compound			
		None Detected - Wall Covering			
113S-9	Wall Material	None Detected - Drywall Material			
		None Detected - Texture			
1138-10	Wall Material	None Detected - Drywall Material			
		None Detected - Texture			

PLM REPORT

Steve Moody Micro Services, Inc. 1510 Randolph, Suite 602 Carrollton, Texas 75006 (972) 446-9482

NVLAP Lab No. 102056 TDH License No. 30-0084 PAT ID# 102577

Client:

ETI Environmental Services

Lab Job No.: x1B-12300

Project:

15113 Surveyor Blvd.

Report Date: 11/17/2001

Project #:

Not Provided

Sample Date: 11/14/2001

Identification: Asbestos, Bulk Sample Analysis

Test Method: Polarized Light Microscopy / Dispersion Staining (PLM/DS)

EPA Method 40 CFR, Ch. 1, Pt. 763, Subpt. F, App. A

Page 2 of 2

On 11/16/01, twelve (12) bulk material samples were submitted by Eddic Taw of ETI Environmental Services for asbestos analysis by PLM/DS. Copies of the lab data sheets are attached; additional information may be found therein. The results are summarized below:

Sample Number	Client Sample Description / Location	Asbestos Content
1138-11	Wall Material on Tape & Bedding Material on Sheetrock	None Detected - Drywall Material None Detected - Joint Compound None Detected - Texture
1138-12	2' x 4' Ceiling Panel	None Detected - Ceiling Tile
11 3S-8	QC Sample	None Detected-Joint Compound None Detected-Texture None Detected-Wall Covering

These samples were analyzed by layers. Quantification, unless otherwise noted, is performed by visual estimate. Results may not be reproduced except in full. This test report relates only to the samples tested. These test results do not imply endorsement by NVLAP or any agency of the U.S. Government. Accredited by the National Voluntary Laboratory Accreditation Program for Bulk Asbestos Fiber Analysis under Lab Code 102056.

Analyst:

Steve Moody

Lab Director: Steve Moody

Approved Signatory:

---- Thank you for choosing Skeve Moody Micro Services

Steve Moody Micro Se TDH License No. 30-0084	rvices, Inc.		Bulk As EPA Method 40 C	ibestos Ar FR, Ch. 1, P					NVLAP La	b No. 102056
Client: ETI En	vironmental S	Servic	es							
Project: 15113	Surveyor Bivo	1.								
Project#: Not Pr	ovided		Lab Job#: x1B-1	12300	Sample	# : 1135-1				
Client Sample Descripti	on: Wall M	ateria	al .						Pa	ge 1 of 1
Layer I Drywali Ma	nterial		Stereoscopic Ex			Texture	Homogeneous	alet rat		8/ 2850
			Whi	- Aller and the second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second		Blocky	YES	3	ND	90
PLM Examination	nis %			Co	lor hroism	Paralici Ref. Index	Perpendicular Ref. Index	Biref	Extinction	Sign of Elongation
Compone Cellulose Fibers			Morphology ribbons	7 11000	AUOISIII	REI, HIVEX	Aci. muex	high	Angle	Eluigation
Gypsum / Binde			Non-fibrous	Į			N D-4			
Prep/treatment: m	ecnanicai sepe	<u>_</u>	·		AST	estos Content :				
Layer 2 DW Paper	Facing		Stereoscopic Ex	carn						
			Cole Ta			Fexture Fibrous	Homogeneous YES	? % Fibro	us % Asbestos ND	% of Sample 5
PLM Examination		1-1		T Co		Parallel	Perpendicular		Extinction	Sign of
Compone		+/	Morphology	1	hroism	Ref. Index	Ref. Index	Biref	Angle	Elongation
Cellulosa Fibers	<u> </u>		ribbons			<u> </u>		high 		
Prop/treatment: m	echanical sepe	ration —			Adi 	bestos Content:		cted		
Layer 3 Texture			Stereoscopie Ex	Carro						W. 400
			Cole)[Texture Blocky	Homogeneous YES	? % Fibro	us % Asbestos ND	% of Sample 5
PLM Examination		,			77					
Compone Calcite / Talc / B		+/-	Morphology Non-Fibrous	Co / Pleoc	lor hroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Prep/treatment: m					Asl	pestos Content :	None Dete	cted		.·
To a series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of the series of t			A SERVICE AND ASSESSED VALUE AND ASSESSED							
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Comments:										1
•	hida Amazilida			- MARINE		Analyst : Date Analyza	Steve Mo	ody 17/01	M	v

Bulk Asbestos Analysis Sheet

TDH License No. 30-0084

EPA Method 40 CFR, Ch. 1, Pt. 763, Subpt. F, App. A

NVLAP Lab No. 102056

Client:

ETI Environmental Services

Project:

15113 Surveyor Blvd.

Project #:

Not Provided

Lab Job#: x1B-12300

Sample #: 113S-2

Client Sample Description : 2' x 4' Ceiling Panel

Page 1 of 1

Layer 1 Ceiling Tile

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Light Grey	Fibrous	YES	80	ND	190

PLM Examination

	-								
				Color	Paralici	Perpendicular		Extinction	Sign of
Components	%	+/-	Morphology	/ Pleochroism	Ref. Index	Ref. Index	Biref	Angie	Elongation
Cellulose Fibers	70		ribbons				high		
Mineral Wool Fibers	11	ì	Rods				0		
Perlite	21	Ì	Glass Foam				O		

Prep/treatment: mechanical separation

Asbestos Content: None Detected

Comments:

Steve Moody Analyst:

11/17/01 Date Analyzed:

Lab Job#: x1B-12300 | Sample #: 113S-2

TOH L	Moody Micro Services, I icense No. 30-0084	nc.		Bulk As EPA Method 40 CI	bestos Analysis FR, Ch. 1, Pt. 763,				NVLAP Lai	No. 102056
Client	: ETI Environme	ental S	Servic	es						
Projec	i: 15113 Surveyo	or Blvt	1.							j
Projec	t#: Not Provided			Lab Job#: x1B-1	2300 Sarny	le#: 113S-3				
Client	Sample Description: V	Vali M	ateria	il on Tape & Bed	ding Material o	n Sheetrock			Pa	ge 1 of 1
Layer	Drywail Material			Stereoscopie Ex	***************************************					
				Colo		Texture Blocky	Homogeneous YES	7 % Fibro 2	us % Asbestos ND	% of Sample 65
	PLM Examination			L	<u> </u>		<u> </u>			
	Components	%	+/	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
	Glass Wool Fibers			Rods				0		<u> </u>
	Cellulose Fibers	96	-	ribbons				high		
	Gypsum / Binders	98	1	Non-fibrous			J			<u> </u>
	Prep/treatment : mechanica	d sepa 	ration 			Asbestos Content :	None Dete	cted		
Layer	2 DW Paper / Tape			Stereoscopic Ex	am					
				Colo	ar .	Texture	Homogeneous	? % Fibro	us % Asbestos	% of Sample
				Tan / W	Mite	Fibrous	YES	100	ND	5
İ	PLM Examination				Ø-1	D	m	***************************************	F-4	6
	Components	%	+/	Morphology	Color / Picochroism	Parallel Ref. Index	Perpendicular Ref. index	Biref	Extinction Angle	Sign of Elongation
	Cellulose Fibers	100		ribbens	FRIAMULNI	Rei. BREK	RCL IBGCA	high	Alge	Ciorganon
l			1	(000001100	A			***************************************		
Layer	3 Joint Compound			Stereoscopie Ex Colo	f	Texture Blocky	Homogeneous	% Fibro	ous % Asbestos	% of Sample
İ	PLM Examination			ARIM	<i>w</i>	Brocky	169	I RD		
			Π		Color	Parallel	Perpendicular		Extinction	7 6:6 1
	Components Calcite / Talc / Binders	% 100	+/-	Morphology Non-Fibrous	/ Pleochroism	Ref. Index	Ref. Index	Biref	Angle	Sign of Elongation
	Components Calcite / Tale / Binders Prep/treatment : mechanica	100		Morphology Non-Fibrous		Ref. Index Asbestos Content:	Ref. Index			
	Calcite / Talc / Binders Prep/treatment : mechanica	100		Non-Fibrous	A 14111		Ref. Index			
Layer	Calcite / Talc / Binders	100		Non-Fibrous Stereoscopic Ex	SAG1	Asbestos Content :	Ref. Index None Dete	cted	Angle	Elongation
Layer	Calcite / Talc / Binders Prep/treatment : mechanica	100		Non-Fibrous Stereoscopic Ex	am r	Asbestos Content :	None Dete	cted	Angle	Elongation
Layer	Calcite / Tate / Binders Prop/treatment : mechanica 4 Texture	100		Non-Fibrous Stereoscopic Ex	am r	Asbestos Content :	Ref. Index None Dete	cted	Angle	Elongation
Layer	Calcite / Talc / Binders Prep/treatment : mechanica	100		Non-Fibrous Stereoscopic Ex	am r	Asbestos Content :	None Dete	cted	Angle	Elongation
Layer	Calcite / Talc / Binders Prep/treatment : mechanica 4 Texture PLM Examination	100	ration	Stereoscopic Ex Colo Whi	cam r be	Asbestos Content : Texture Blocky Parallel	None Dete	cted	Angle Washestos ND Extinction	% of Sample 5 Sign of
Layer	Calcite / Tate / Binders Prep/treatment : mechanica 4 Texture PLM Examination Components	100 d sepa % 100	ration	Stereoscopic Ex Colo Whit	Color / Pleochroism	Asbestos Content : Texture Blocky Parallel	None Determined Homogeneous YES Perpendicular Ref. Index	cted ? % Fibro ND Biref	Angle Washestos ND Extinction	% of Sample
Layer	Calcite / Tate / Binders Prep/treatment : mechanica 4 Texture PLM Examination Components Calcite / Tale / Binders	100 d sepa % 100	ration	Stereoscopic Ex Colo Whit	Color / Pleochroism	Texture Blocky Parallel Ref. Index	None Determined Homogeneous YES Perpendicular Ref. Index	cted ? % Fibro ND Biref	Angle Washestos ND Extinction	% of Sample
Layer	Calcite / Tate / Binders Prep/treatment : mechanica 4 Texture PLM Examination Components Calcite / Tale / Binders	100 d sepa % 100	ration	Stereoscopic Ex Colo Whit	Color / Pleochroism	Texture Blocky Parallel Ref. Index	None Determined Homogeneous YES Perpendicular Ref. Index	cted ? % Fibro ND Biref	Angle Washestos ND Extinction	% of Sample
Layer	Calcite / Tate / Binders Prep/treatment : mechanica 4 Texture PLM Examination Components Calcite / Tale / Binders	100 d sepa % 100	ration	Stereoscopic Ex Colo Whit	Color / Pleochroism	Texture Blocky Parallel Ref. Index	None Determined Homogeneous YES Perpendicular Ref. Index	cted ? % Fibro ND Biref	Angle Washestos ND Extinction	% of Sample 5 Sign of
	Calcite / Tate / Binders Prep/treatment: mechanica 4 Texture PLM Examination Components Calcite / Tale / Binders Prep/treatment: mechanica	100 d sepa % 100	ration	Stereoscopic Ex Colo Whit	Color / Pleochroism	Asbestos Content : Texture Blocky Parallel Ref. Index Asbestos Content :	None Dete- Homogeneous YES Perpendicular Ref. Index	cted 7 % Fibro ND Biref	Angle Washestos ND Extinction	% of Sample 5 Sign of
	Calcite / Tate / Binders Prep/treatment : mechanica 4 Texture PLM Examination Components Calcite / Tale / Binders	100 d sepa % 100	ration	Stereoscopic Ex Colo Whit	Color / Pleochroism	Asbestos Content : Texture Blocky Parallel Ref. Index Asbestos Content : Date Analyza	Ref. Index None Dete- Homogeneous YES Perpendicular Ref. Index None Dete-	cted River Biref cted	Angle Washestos ND Extinction	% of Sample 5 Sign of Elongation

	Moody Micro Services, II cense No. 30-0084	nc.		Bulk As EPA Method 40 C	ibestos Analys FR, Ch. I, Pt. 760				_NVLAP Lat	No. 102056
Client:	: ETI Environme	ntal S	Servic	es						
Project	: 15113 Surveyo	r Blv	d.							
Project	#: Not Provided			Lab Job#: x1B-1	2300 San	nple#: 1135-4				
Client :	Sample Description: 1	2" x 1	2" Fl	oor Tile with Yell	ow Glue				Pag	ge 1 of 1
_								- www.	***************************************	
Layer	1 Yellow Mastic			Stereoscopic Ex Cole		Textore	Homogeneous	o Cit	m ktr. A minara	or ne Consulta
				Yelk	~ 	Rubbery	YES	ND	ND	S S
	PLM Examination			· · · · · · · · · · · · · · · · · · ·			·			
	Components	%	+1-	Morphology	Color / Pleochrois	Parallel m Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
	Glue Binders	100		Non-fibrous	7 I IOOOII QES			1,721-0.1	rugu	Laungarou
	Prep/treatment : beat / melt			× 11114 - 3044 Apper Apper	·····	Asbestos Conten	: None Dete	cted	en com many —	
Layer	2 Floor Tile			Stereoscopic Ex	7459					
				Colo		Texture	Homogeneous	? % Fibro	ıs % Asbestos	% of Sample
	74345			Light	Tan	Hard	YES	מא	ND	80
	PLM Examination	T	TT		Color	Paralici	Perpendicular		Extinction	Sign of
	Components	%		Morphology	/ Pleochrois	4		Biref	Angle	Elongation
	Calcite / Vinyl Binders	100	I L	Non-fibrous				high		
	Prep/treatment : heat / molt	****		N Separah Makasar amanan Napanan Makaba N	······ — ·····	Asbestos Content	: None Dete	cted	- APRILL 644-F	
Layer	3 Yellow Mastic			Sterooscopic Es			мадан			
				Cole		Texture Rubbery	Homogeneous YES	7 % Fibros	rs % Asbestos ND	% of Sample 5
	PLM Examination			1914	199	гдиня	1 63	1 6422	(40	<u> </u>
		7.			Color	Paralici	Perpendicular	***	Extinction	Sign of
	Components Glue Binders	100	+/-	Morphology Non-fibrous	/ Pleochrois	n Ref. Inde	Ref, Index	Bircf	Angle	Elongation
	Prep/treatment : heat / melt					Asbestos Conten	: None Dete	cted		
Layer	4 Brown Mastic			Ctamana amaia Fa						00A-00C-00C-00C-00C-00C-00C-00C-00C-00C-
PHACI	- DIOMII INGGUO			Stervescopic Ex		Texture	Homogeneous	?% Fibro	s % Asbestos	% of Sample
				Brow	····	Hard	YES	ND	NO	10
	PLM Examination Components	%	+/-	Morphology	Color / Pleochrois	Parallel no Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
	Glue Binders	100	<u>1_</u>	Non-fibrous					<u></u>	<u> </u>
:	Prep/treatment : heat / melt					Asbestos Content	: None Dete	cted		

							•			
										-
Comm	pents :					Analyst : Date Analy	Støve Mo	ody 17/01	N	V

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	<i>Moody Micro Services, In</i> icense No. 30-0084	ic.			bestos Analysis ! R, Ch. 1, Pt. 763, S				NEG AD Lat	Na 1030CE
					K, CII. 1, FE 703, 31	ropt r, App. A	hitida and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second a second and a second and a second and a second and a second and a second and a second and a second and a second and a second an	WMM	JAAL CH	No. 102056
Client	: ETI Environme	nțai S	ervn	ces .						
Project	t: 15113 Surveyo	r Blvc).							
Project	#: Not Provided			Lab Job#: x1B-1	2300 Sample	:#:113S-5				
Client	Sample Description: 12	2" x 1	2" Fl	oor Tile with Yelle	ow Glue				Pag	ge 1 of 1
				_						
Layer	1 Yellow Mastic			Stereoscopic Ex Colo		Texture	Homogeneous	7 % Fibro	us % Asbestos	% of Sample
	PLM Examination			Yello		Rubbery	YES	ND	ND	5
		T			Color	Parallel	Perpendicular		Extinction	Sign of
	Components Glue Binders	100	+/-	Morphology Non-fibrous	/ Pleochroism	Ref. Index	Ref. Index	Biref	Angle	Elongation
	Prep/tréatment : heat / melt				A	sbestos Content :	None Deter	cted		
				- water		· — — — —	*****			
Layer	2 Floor Tile			Stereoscopic Ex Colo		Texture	Homogeneous	2% Filon	ne % Acheetos	PZ of Samule
	TO 6 2 45			Bloc		Hard	YES	DND	ND ND	80
	PLM Examination	T			Color	Parallel	Perpendicular		Extinction	Sign of
	Components Calcite / Vinyl Binders	100	+/-	Morphology Non-fibrous	/ Pleochroism	Ref. Index	Ref. Index	Biref high	Angle	Elongation
	Prep/ireatment : heat / melt				A	sbestos Content :	None Deter	cted		
				and the same to the same same to the same same same same same same same sam	<u></u>	m. 3666. 3000 aug.			<u> </u>	
Layer	3 Yellow Mastic			Stereoscopic Ex	***************************************					
	;			Colo Yello		Texture Rubbery	Homogeneous YES	? % Fibrou ND	us % Asbestos ND	% of Sample 5
	PLM Examination			1	Color	Parallei	Perpendicular		Extinction	Sign of
	Components Glue Binders	% 100	+/-	Morphology Non-fibrous	/ Pleochroism	Ref. Index	Ref. Index	Biref	Angle	Elongation
		[(100	11	AGHINOLS			L			·
	Prop/treatment: heat / melt			·	A:	sbestos Content :	Moue nega			
Laver	4 Brown Mastic			Stereoscopic Ex	am					
2007.01	1 CONTRACTOR			Colo	r	Texture	Homogeneous			
	PLM Examination			Brow	<u> </u>	Hard	YES	<u>an</u>	ND	10
	Components	%	4/	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Bircf	Extinction Angle	Sign of Elongation
	Glue Binders	100		Non-fibrous					•	
	Prop/treatment : heat / melt				A	sbestos Content:	None Deter	cted		1
				mer smaller believed growth reduction recomme wa		·	4000			
1										
Comm	nents:					Analyst: Date Analyza	Steve Moded: 11/1	ody 17/01	M	
						Lab Job# :	x1B-1230	0 Sampl	le#: 113S	-5

	Moody Micro Services, In icense No. 30-0084	c.		Bulk As EPA Method 40 CF	bestos Ar FR, Ch. 1, P					NVLAP Lal	No. 102056
Client:	ETI Environmen	ntal S	ervi	ces							
Project	: 15113 Surveyor	Blvd	l.								
Project	#: Not Provided			Lab Job#: x1B-1	2300	Sample	# : 1135-6				
Client !	Sample Description: Ca	arpet	ove	r 12" x 12" Floor T	ile with \	ellow (Siue		www.	Pa	ge 1 of 1
Layer	1 Carpet			Stereoscopic Ex	an						
				Colo			Texture	Homogeneous			
	PLM Examination			Blu	<u> </u>		Fibrous	YES	85	ND	65
	Components	%	+/-	Merphology	Co / Pleac		Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
	Synthetic Fibers	85		Monofilaments			1			7	
	Glue Binders	15		Non-fibreus		***************************************					
	Prep/treatment : mechanical	separ	ation] 		As	bestos Content:	None Dete	cted		
Layer	2 Yellow Mastic			Stereoscopic Ex		r		12.	n =4 n 1	<u> </u>	L
				Colo			Texture Rubbery	Homogeneous YES	7 % Fibro	us 7% Asbestos ND	% of Sample 5
	PLM Examination			IANG	····		XIIIAN Y	169	ND.	RD	
	Components	17/6	+/-	Morphology	Co / Pleac		Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
	Glue Binders	100		Non-fibrous	,						
Layer	3 Floor Tile			Stereoscopie Ex Colo Blac	т		Texture Hard	Homogeneous YES	/? % Fibro	us % Asbestos ND	% of Sample
	PLM Examination				- Co		Parallel	Perpendicular		Extinction	Sign of
	Components Calcite / Virryl Binders	% 100	+/-	Morphology Non-fibrous	,	broism	Ref. Index	Ref. Index	Biref Nigh	Angle	Elongation
****	Prep/treatment : heat / meit					As	bestos Content :	None Dete	 ,		
Layer	4 Yellow Mastic			Stereoscopic Ex							
				Coto			Texture	Homogeneous			
	PLM Examination			Yelko	YW	<u> </u>	Rubbery	YES	ND ND	ND	<1
					Co		Parallel	Perpendicular		Extinction	Sign of
	Components Glue Binders	100	+/+	Morphology Non-fibrous	/ Pleoc	nroism	Ref. Index	Ref. Index	Biref	Angle	Elongation
	Prop/treatment : heat / melt					Asi	bestos Coutent :	None Dete	cted	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
	Prop/treatment; heat / melt	Agya≅ Summa.				Asi	bestos Contlent;	None Deter	cted .		<u></u>
Солл	nents:		·*************************************				Analyst: Date Analyze	***************************************	17/01	SI	
							Lab Job#:	x1B-1230	Samp	le#: 113S	-6

Bulk Asbestos Analysis Sheet

TDH License No. 30-0084

EPA Method 40 CFR, Ch. 1, Pt. 763, Subpt. F, App. A

NVLAP Lab No. 102056

Client:

ETI Environmental Services

Project:

15113 Surveyor Blvd.

Project#:

Not Provided

Lab Job#: x1B-12300

Sample #: 113S-7

Client Sample Description: 2' x 4' Ceiling Panel

Page 1 of 1

Layer I Ceiling Tile

Stereoscopic Exam

Homogeneous? % Fibrous % Asbestos % of Sample
YES 80 ND 100 Color Texture Light Grey Fibrous

PLM Examination

A LATE AND AND AND AND AND AND AND AND AND AND									
				Color	Parallel	Perpendicular		Extinction	Sign of
Components	1/6	+/-	Morphology	/ Picochroism	Ref. Index	Ref. Index	Biref	Angle	Elongation
Cellulose Fibers	70		ribbons				high		
Mineral Wool Fibers	10		Rods				Q		
Perlite	20		Glass Foam				0		1

Prep/treatment: mechanical separation

Asbestos Content: None Detected

Comments:

Steve Moody Analyst: 11/17/01 Date Analyzed:

W

Lab Job#: x1B-12300 Sample#: 113S-7

	<i>Moody Micro Services, I</i> cense No. 30-0084	nc.		Bulk Asi EPA Method 40 CF	bestus An R. Ch. I. P					NVLAP Lab	No. 102056
Client:	ETI Environme	antal S	ervi					, , , ,			
Project	: 15113 Surveyo	x Biyo	L.								
Project	#: Not Provided			Lab Job#: x1B-1	2300	Sample	# : 113S-8				
Client :	Sample Description: V	Yall M	ateri	al on Tape & Bede	iing Mate	rial on	Sheetrock, I	Rest Room		Pag	e 1 of 1
	THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PE			**************************************		***************************************		***************************************			THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE P
Layer	1 Joint Compound			Starcoscopia Ex Colo		-	Textore	Homograpous	W. Dibere	un Mala de Santona	K of Somale
				Yhii			Blocky	YES	NO	ND ND	60
	PLM Examination				Col	lar	Paralici	Perpendicular		Extinction	Sign of
	Components Calcite / Talc / Binders	% 100	+/-	Morphology Non-Fibrous	/Picoc	hrvison	Ref Index	Ref. Index	Biref	Angle	Elongation
			LL				<u> </u>				<u> </u>
	Prep/treatment : mechanica	Separ	abor)		Ad 	estos Content :	None Detec	#ed 		
Tarme	2 DW Tape			S tereoscopii e Ex							
Layu	z Des rape			Colo		•	Centime	Homogramous	% Fibro	us % Asbestos	% of Sample
	PLM Examination			V			-tbrous	YES	100	ND	15
		*	[]		Col / Pieco		Parafici	Papendicolar	Biref	Extinction	Sign of
	Compuncuts Cellulose Fibers	100		Morphology ribbons	/ PEAC	IN COMM	Ref. Index	Ref. Index	Digh	Angle	Elongation
	Prep/treatment : mechanica	i sepai	ation	1		Asl	restos Content :	None Detec	:ted		
							<u> </u>				
Layer	3 Wall Covering			Sterenscopic Ex	202 1						
	•			Colo			Cooling	Elomogramous'	% Fibro	zs % Asbestos ND	% of Sampic 25
	PLM Examination			Light V			Tough	YES	<u> </u>		
	Components	*	+/-	Morphology	Col / Piecci		Parallel Ref. Index	Perpendicular Ref. Index	Bircf	Extinction Angle	Sign of Elongation
	Cellulose Fibers Vinyl Facing	50 50		anoddin Sucrafibrous					high		
			łŁ				<u> </u>				L
	Prep/treament : mechanica	# Super	ratilo:	I		Asl 	bestos Content:	None Detec	:ted 		
								-			
Conm	rents :			- Add			Analyst: Date Analyz	Steve Mod	xdy 7/0/1	SII	~
								x1B-12300		le#: 1135	-8

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TDH L	<i>Moody Micro Services, In</i> icense No. 30-0084	lC.			sbestos Analy CFR, Ch. I, Pt. 7	/sis Sheet 63, Subpt. F, App. /			NVLAP Lat	No. 102056
Client	: ETI Environme	ntal S	ervi							
Project	: 15113 Ѕшгvеуол	Bivo	i.		•					
Project	#: Not Provided			Lab Job#: x1B-	12300 S	ımple# ; 113S-9				
Client	Sample Description: W	ali M	ater	al					Pa	ge 1 of 1
Layer	Drywall Material			Sterenscopie E	ixam .					
-	•			Col		Texture Blocky	Homogeneous YES	2 % Fibro	us % Asbestos ND	% of Sample 90
	PLM Examination		1 1	<u> </u>					<u> </u>	
	Components	%	+/-	Merphology	Color / Pleachm	Parallei ism Ref. Inde	Perpendicular x Ref. Index	Biref	Extinction Angle	Sign of Elougation
	Glass Wool Fibers Cellulose Fibers	2		Rods				0 high	***************************************	
	Gypsum / Binders	96		Non-fibrous				गस्तुध		
	Prep/treatment: mechanical	sepa:	ratio	1	COMMITTER STATES SERVICE	Asbestos Contes	t: None Dete	cted	···· — — —	Marcela Colorido Company
Layer	2 DW Paper Facing			Stereoscopic E						
				Co	lor an	Texture Fibrous	Homogeneous YES	? % Fibro	us % Asbestos ND	% of Sample 5
	PLM Examination									
	Components	%	+/-	Morphology	Color / Pleochro	Parallel ism Ref. Inde	Perpendicular x Ref. Index	Bircf	Extinction Angle	Sign of Elongation
	Cellulose Fibers	100		ribbons				high		
Layer	Prep/treatment : mechanical 3 Texture	sepe i 	ratio	Stereoscopic E			i: None Dete	v:x- -		
				Co	ite .	Texture Blocky	Homogeneous YES	7 % Fibro	nis % Asbestos ND	% of Sample 5
				i W A						
	PLM Examination			L. MA		1				
	PLM Examination Components Calcite / Talc / Binders	% 100	+	Morphology Non-Fibrous	Color / Picochro	Paralici ism Ref. Inde	Perpendicular x Ref. Index	Biref	Extinction Angle	Sign of Elongation
	Components	100		Morphology Non-Fibrous	Color	ism Ref. Inde			1	
	Components Calcite / Talc / Binders	100		Morphology Non-Fibrous	Color	ism Ref. Inde	x Ref. Index		1	
Сопп	Components Calcite / Talc / Binders Prep/treatment : mechanical	100		Morphology Non-Fibrous	Color	ism Ref. Inde	x Ref. Index t: None Dete	cted	1	Elongation

	Moody Micro Services, In icense No. 30-0084	tc.		Bulk Asb EPA Method 40 CFR						NVLAP Lal	no. 102056
Client	: ETI Environme	ntal S	iervi			***************************************					
Project	t: 15113 Surveyor	r Blvd	1.								manana An Ana
Project	t#: Not Provided			Lab Job#: x1B-12	300	Sample	# : 113S-10				n (Made and A)
Client	Sample Description: W	/all M	ater	ial						Pa	ge 1 of 1
Layer	1 Drywall Material			Stereoscopic Exar	7					_	
				Calor		L	Cexture	Homogeneous			
	PLM Exemination			Wide			Blocky	YES	3	ND ND	96
	2.273, 2.47341341341322				Col	lor	Parallel	Perpendicular	Ţ	Extinction	Sign of
	Components	%	-	Morphology	/ Pleac	broism	Ref. Index	Ref. Index	Bircf	Angle	Eloogation
	Celfulose Fibers Gypsum / Binders	95		ribbons Non-fibrous					<u>high</u>		
	sypsum romans		L	ROI-IDROUS	*****		1		1		
	Prep/treatment: mechanical	sepe	ratio	T-	agence which w	Ast 	estos Content :	None Detec	eted		
Layer	2 DW Paper Facing			Stereoscopic Exan	n						
•	-			Color			l'exture	Homogeneous	7 % Fibro	us % Asbestos	% of Sample
	#54 15 m 4/4			Tan		F	ibrous	YES	100	ND	5
	PLM Examination	т—			Col	loc	Parallei	Perpendicular	T	Extinction	Sign of
	Components	%	+/-	Morphology	/ Pleoc		Ref. Index	Ref. Index	Bircf	Angle	Elongation
	Cellulose Fibers	100		ribbons		***************************************			high		
ratuur angerega gang	Prep/treatment : mechanical	sepe	ratio	n 	trickelen vormen vo	Ash 	estos Content :	None Detec	ted		
Layer	3 Texture			Stereoscopic Exam	<u> </u>						,
				Color White		<u> </u>	Cexture Blocky	Homogenous YES	? % Fibro	as % Asbestos ND	% of Sample 5
	PLM Examination			XVIIIO	***************************************		- AUGA-J		i ne		
					Col			Perpendicular		Extinction	Sign of
	Components Calcite / Talc / Binders	100	+/-	Morphology Non-Fibrous	/ Pleoc	hroism	Ref. Index	Ref. Index	Biref	Angle	Elongation
	Carcini/ rais / Dingers	IV	.	MUIE-FUNDES			<u> </u>				L
	Prep/treatment : mechanical	sepa:	ratio	<u> </u>	titutute eenem on	Ast	estos Content :	None Detec	ted		
							3				
				•							
											-
Comm	nenis :						Analyst: Date Analyze	Steve Mod	ody 17/01		W

	Moody Micro Services, I	nç.			bestos An	-					
TDH L	icense No. 30-0084	···		EPA Method 40 C	FR, Ch. 1, Pt	± 763, Su	bpt, F, App. A			NVLAP La	No. 102056
Client	: ETI Environme	ntal S	Servi	ces							
Project	: 15113 Surveyo	r Blyd	j.								
Project	#: Not Provided			Lab Job# : x1B- 1	2300	Sample	# : 113S-11				
Client	Sample Description: V	íali M	ater	ial on Tape & Bed	dina M ata	rial on	Sheetmak			Par	ge 1 of 1
•				The second second	21119 2000		OHOU VOR				go . v
Layer	1 Drywall Material			Stereoscopie E	czin						
				Cole Whi			Texture Blocky	Homogeneous YES	? % Fibro	us % Asbestos ND	% of Sample 85
	PLM Examination			£				· · · · · · · · · · · · · · · · · · ·			
	Components	%	+/-	Morphology	Col / Picoci		Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
	Glass Wool Fibers Gypsum / Binders	98	J	Rods Non-fibrous		w/			0		
l	Prep/treatment : mechanical	l sena	raticu			Aci	bestos Content:	None Dete	cted		A
*** **** ***									***************************************		
Layer	2 DW Paper / Tape			Stereoscopie E	CAILLE						
	•			Cok			Texture	Homogeneous			
	PLM Examination			Tan/V	vnite j		Tibrous	YES	100	GM	5
	Components	%	+/-	Morphology	Col / Pleoch		Paralici Re£ Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
	Cellulose Fibers	100		ribbons					high		
	Prep/treatment : mechanica	sepe	ratio	1		Asi	bestos Content:	None Dete	cted		
			a. /								
Layer	3 Joint Compound			Stereoscopic E	(am						
				Cole	·	***************************************	ředine Blocky	Homogeneous YES	7 % Fibro	us % Asbestos ND	% of Sample 5
	PLM Examination		, ,								
	Components	%	+/-	Morphology	Col / Plcoch		Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
	Calcite / Talc / Binders	100	<u> </u>	Non-Fibrous	<u>L</u>		<u> </u>	J		V * * * * * * * * * * * * * * * * * * *	<u> </u>
	Prep/treatment : mechanica	sepa:	ratio	1		Asi	bestos Content:	None Dete	cted		
Layer	4 Texture			Stereoscopic Ex			Tedere	Homogeneous	2 % Filony	rc 0/4 Achretre	% of Samule
				Whi			Blocky	YES	ND	ND	5
	PLM Examination		F 1		Col	or	Parallel	Perpendicular		Extinction	Sign of
	Components Calcite / Talc / Binders	100	+/-	Morphology Non-Fibrous	/ Pleaci		Ref. Index	Ref. Index	Biref	Angle	Elongation
			·		<u> </u>		1	<u></u>			<u> </u>
· · · · · · · · · · · · · · · · · · ·	Prep/treatment : mechanica	sepa:	ratio	T		Asi 	bestos Content :	None Dete	cted		
· · · · · · · · · · · · · · · · · · ·							A	Chara Ma	netia	W	<u></u>
Comn	Kants :						Analyst: Date Analyza	Steve Model: 11/	oay 17/01	Si	L
								×1B-1230	9 Sampl	e#: 113S	-11

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*** *** * * Steve Moody Micro Services, Inc. TDH License No. 30-0084

Bulk Asbestos Analysis Sheet

EPA Method 40 CFR, Ch. 1, Pt. 763, Subpt. F, App. A

NVLAP Lab No. 102056

Client:

ETI Environmental Services

Project:

15113 Surveyor Blvd.

Project #:

Not Provided

Lab Job#: x1B-12300

Sample #: 113S-12

Client Sample Description: 2' x 4' Ceiling Panel

Page 1 of 1

Layer 1 Ceiling Tile

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Light Grey	Fibrous	YES	80	ND	100

PLM Examination

1 DATE DIRECTION OF THE									
				Color	Parallel	Perpendicular		Extinction	Sign of
Components	%	+/-	Morphology	/ Pleochroism	Ref. Index	Ref. Index	Biref	Angle	Elongation
Cellulose Fibers	60		ribbons				high		
Mineral Wool Fibers	20)	Rods				0		
Perlite	21		Glass Foam				Ð		

Prep/treatment: mechanical separation

Asbestos Content: None Detected

Comments:

Steve Moody Analyst:

Date Analyzed:

11/17/01

Sh

Lab Job#: x1B-12300 | Sample #: 113S-12

	Moody Micro Services, 1 casell 30-008	nc.			Analysis Sheet ahod 600/R-93/116				NVLA	P Lab# 2056
Client :	QC SAMPLES				•					
Sample	#: x1B-12300*113	S-8								MAKAHAMATAN KANANAN KANANAN KANANAN KANANAN KANANAN KANANAN KANANAN KANANAN KANANAN KANANAN KANANAN KANANAN KA
Sample	Analysis:									
Layer	I Joint Compound			Steroscopic Exam						
-	·			Color	Texture		Homogeneous			
	PLM Examination			White	Blocky	<u> YES</u>	YES	ND	ND	55
	Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref, Index	Biref	Extinction Angle	Sign of Elongation
	Calcite / Talc / Binders	100	• 3	Non-Fibrous	/ FROGISCISS	RCL MOCA	RCL DUZLA	BRCI	Willie	Elvigator
	Prep/treatment : mechanica	d separ	atio 	n 	Asbe	stos Content :	None Dete	cted		
Layer	2 DW Tape			Stereoscopic Exam						
				Color	Texture		Homogeneous			
	PLM Examination			White	Fibrous	YES	YES	100	ND	10
	Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
	Cellulose Fibers	100		กับของกร				high		
	Prep/treatment : mechanica	i separ	atio	ń 	Astre	stos Content :	None Dete	cted		
						my mag				
Layer	3 Texture			Stereoscopie Exam		120 7.1.10		play rest		b/E013
				Color White	Texture Blocky	YES	Homogeneous YES	ND	ND ND	25 25
	PLM Examination				Color	Parallel	Perpendicular	•	Extinction	Sign of
	Components Calcite / Talc / Binders	% 160	+/-	Morphology Non-Fibrous	/ Pleochroism	Ref. Index	Ref. Index	Biref	Angic	Elongation
	Prep/treatment : mechanica		atio		Ash	stos Confert :	None Dete	cted		
		····			mer more some wheth some s					
Layer	4 Wall Covering			Stereoscopic Exam						
				Color Off-White	Texture Tough	Friable?	Homogeneous YES	? % Fibro 50	es % Asbestos ND	% of Sample
	PLM Examination			OII-111MQ						
	Components	%	+/-	Morphology	Color / Plenchmism	Parallel Ref. Index	Perpendicular Ref Index	Biref	Extinction Angle	Sign of Elongation
	Cellulose Fibers	50		ribbons	7 1 1000012 (7 12 12 12 12 12 12 12 12 12 12 12 12 12	*****	TOL MOLE	high		
	Vinyl Facing	50		Non-fibrous					<u> </u>	
	Prep/treatment: mechanica	1 seper	atio 	n 	Asbe	sios Content :	None Dete	cted		
										4

Comm	ents:					Analyst Date			acle /	2n_
						Sample #	: x1B-12	2300*11	13S-8	

:

ETI Environmental Services

4112 VIA BALLENA MESQUITE, TEXAS 75150 (972) 279-9751

November 15, 2001

Steve Moody Micro Services, Inc. 1510 Randolph, Suite 602 Carrollton, Texas 75006

Re: PLM Testing on Bulk Samples

Gentlemen:

We have transmitted 51 bulk samples for PIM testing in accordance with NESHAP Regulations for asbestos to your laboratory at the above address. Provide point-counting on the friable samples with positive stop. Provide total wall system results on tape and bedding samples.

Analysis report is to be broken down and billed by project as follows:

NO. OF SAMPLES	SAMPLE DATE	BUILDING NAME	SAMPLE NUMBER
12	11-14-01	15109 Surveyor Blvd.	109S-1 thru 109S-12
12	11-14-01	15111 Surveyor Blvd.	111S-1 thru 111S-12
12	11-14-01	15113 Surveyor Blvd.	113S-1 thru 113S-12
15	11-14-01	15115 Surveyor Blvd.	115S-1 thru 115S-15

Please list numerically on report from last digit(s) of sample #.

Please submit quality control results with final report.

Please sign and return one copy, keep the other copy for your records.

Thank You.

ETI ENVIRONMENTAL SERVICES

STEVE MOODY MICRO SERVICES, INC.

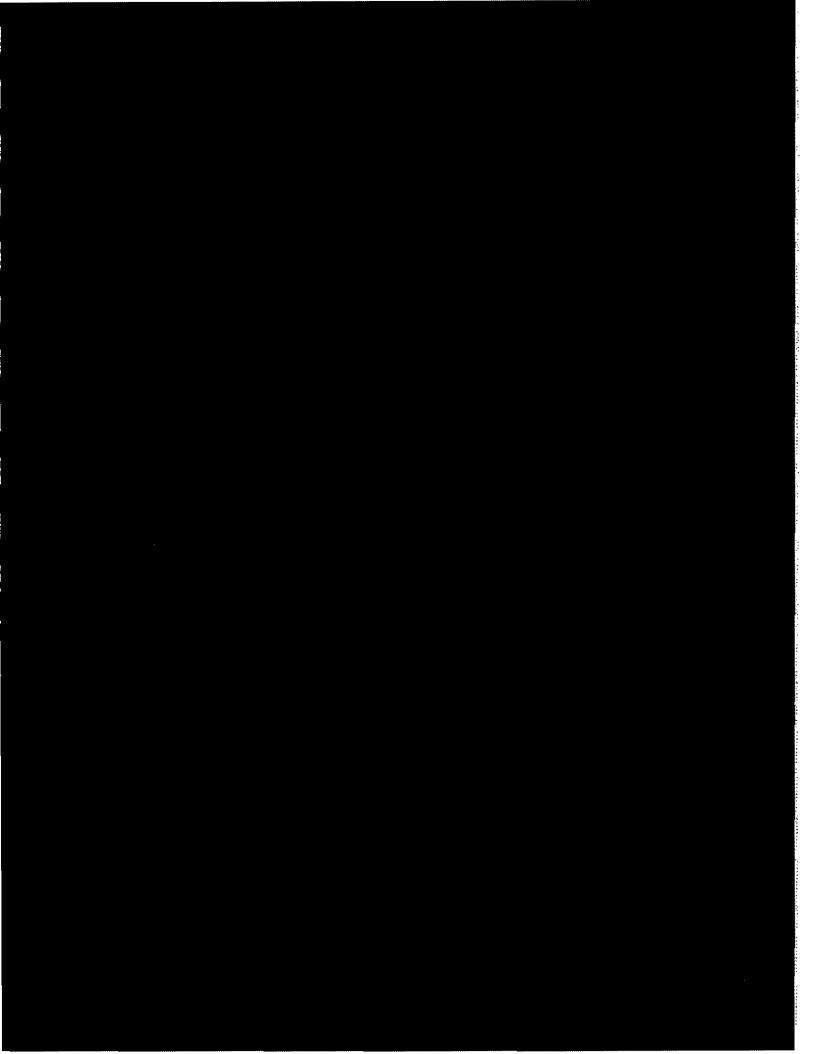
Eddie Taw

Asbestos Consultant

χομο () (μα Receiver's Signature

11-16-01 8:00 our

18- 12300



PLM REPORT

Steve Moody Micro Services, Inc. 1510 Randolph, Suite 602 Carrollton, Texas 75006 (972) 446-9482 **NVLAP Lab No. 102056** TDH License No. 30-0084 PAT ID# 102577

Client:

ETI Environmental Services

Lab Job No.: x1B-12301

Project:

15115 Surveyor Blvd.

Report Date: 11/17/2001

Project #:

Not Provided

Sample Date: 11/14/2001

Identification: Asbestos, Bulk Sample Analysis

Test Method: Polarized Light Microscopy / Dispersion Staining (PLM/DS)

EPA Method 40 CFR, Ch. 1, Pt. 763, Subpt. F, App. A

Page 1 of 3

On 11/16/01, eighteen (18) bulk material samples were submitted by Eddie Taw of ETI Environmental Services for asbestos analysis by PLM/DS. Copies of the lab data sheets are attached; additional information may be found therein. The results are summarized below:

ample Number	Client Sample Description / Location	Asbestos Content
115\$-1	Wall Material	None Detected - Drywali Material
		None Detected - Texture
115S-2	Wall Material	None Detected - Drywall Material
		None Detected - Texture
115S-3	Wall Material	None Detected - Drywall Material
		None Detected - Texture
115S -4	Wall Material on Tape and Bedding Material on Sheetrock	None Detected - Drywall Material
		None Detected - Joint Compound
		None Detected - Texture
115S-5	Wall Material	None Detected - Drywall Material
		None Detected - Texture
		None Detected - Textured Paint
115S-6	Wall Material on Tape and Beddign Material on Sheetrock	None Detected - Drywall Material
		None Detected - Joint Compound
		None Detected - Texture
115S-7	Wall Material on Tape and Bedding Material on Sheetrock	None Detected - Drywall Material
		None Detected - Joint Compound
		None Detected - Texture
1158-8	Wall Material	None Detected - Drywall Material
		None Detected - Texture
115S-9	Carpet Mastic over 12" x 12" Floor Tile with Yellow Glue	None Detected - Yellow Mastic
	·	None Detected - Floor Tite
		None Detected - Yellow Mastic

PLM REPORT

Steve Moody Micro Services, Inc. 1510 Randolph, Suite 602 Carrollton, Texas 75006 (972) 446-9482 NVLAP Lab No. 102056 TDH License No. 30-0084 PAT ID# 102577

Client:

ETI Environmental Services

Lab Job No.: x1B-12301

Project:

15115 Surveyor Blvd.

Report Date: 11/17/2001

Project#:

Not Provided

Sample Date: 11/14/2001

Identification: Asbestos, Bulk Sample Analysis

Test Method: Polarized Light Microscopy / Dispersion Staining (PLM/DS)

EPA Method 40 CFR, Ch. 1, Pt. 763, Subpt. F, App. A

Page 2 of 3

On 11/16/01, eighteen (18) bulk material samples were submitted by Eddie Taw of ETI Environmental Services for asbestos analysis by PLM/DS. Copies of the lab data sheets are attached; additional information may be found therein. The results are summarized below:

Sample Number	Client Sample Description / Location	Asbestos Content
1158-10	12" x 12" Floor Tile with Yellow Glue	None Detected - Yellow Mastic None Detected - Floor Tile None Detected - Yellow Mastic
1158-11	12" x 12" Floor Tile with Yellow Glue	None Detected - Floor Tile None Detected - Yellow Mastic
1158-12	2' x 4' Ceiling Panel	None Detected - Ceiling Tile
1158-13	2' x 4' Ceiling Panel	None Detected - Ceiling Tile
1158-14	2' x 4' Ceiling Panel	None Detected - Ceiling Tile
1158-15	Tape and Bedding Material on Sheetrock, Warehouse	None Detected - Drywall Material None Detected - Joint Compound None Detected - Texture
1158-16	Roof Flashing Material	None Detected - Silver Paint None Detected - Roofing Membrane None Detected - Roofing Tar None Detected - Underlayment
1158-17	Roofing Material	None Detected - Roofing Membrane None Detected - Underlayment
1158-18	Roof Flashing Material	None Detected - Roofing Membrane None Detected - Roofing Tar None Detected - Underlayment
115\$-3	QC Sample	None Detected-Drywali Material None Detected-Texture
1158-13	QC Sample	None Detected-Cailing Tile

'nТ	N.W	REPORT	
rı.	ιY	KEN MESICE	

Steve Moody Micro Services, Inc. 1510 Randolph, Suite 602 Carrollton, Texas 75006 (972) 446-9482

NVLAP Lab No. 102056 TDH License No. 30-0084

PAT 1D # 102577

Client:

ETI Environmental Services

Lab Job No.: x1B-12301

Project:

15115 Surveyor Blvd.

Report Date: 11/17/2001

Project #:

Not Provided

Sample Date: 11/14/2001

Identification: Asbestos, Bulk Sample Analysis

Test Method: Polarized Light Microscopy / Dispersion Staining (PLM/DS)

EPA Method 40 CFR, Ch. 1, Pt. 763, Subpt. F, App. A

Page 3 of 3

On 11/16/01, eighteen (18) bulk material samples were submitted by Eddie Taw of ETI Environmental Services for asbestos analysis by PLM/DS. Copies of the lab data sheets are attached; additional information may be found therein. The results are summarized below:

Sample Number	Client Sample Description / Location	Asbestos Content
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These samples were analyzed by layers. Quantification, unless otherwise noted, is performed by visual estimate. Results may not be reproduced except in full. This test report relates only to the samples tested. These test results do not imply endorsement by NVLAP or any agency of the U.S. Government.

Accredited by the National Voluntary Laboratory Accreditation Program for Bulk Asbestos Fiber Analysis under Lab Code 102056.

Analyst:

Steve Moody

Lab Director: Steve Moody

Approved Signatory:

---- Thank you for choosing Steve Moody Micro Services -----

	Moody Micro Services, Inc cense No. 30-0084	C.		Bulk As EPA Method 40 Cl	bestos An FR, Ch. 1, P					MVLAPLa	No. 102056
Client:	ETI Environmen	rtal S	erv	ices							
Project	: 15115 Surveyor	Blvc	i.								
Project	#: Not Provided			Lab Job#: x1B-1	2301	Sample	# : 115 S -1				
Client :	Sample Description: Wa	ali M	ater	<u>fal</u>	~~~	***************************************	444	,		Pa	ge 1 of 1
Layer	Drywall Material			Ctromana in Ele							
LAZYEZ	1 Diywali Material			Stereoscopic Ex Colo			l'exture	Homogeneous	7 % Fibro	nus % Asbestos	% of Sample
	PLM Examination			Y	le .		Blocky	YES	2	NO	60
	ymmen.hinashininashinin	٦,			Co		Parallel	Perpendicular	wh. 2	Extinction	Sign of
	Components Glass Wool Fibers	%	+/-	Morphology Rods	/ Pieoc	tarvisan	Ref. Index	Ref Index	Biref 0	Angle	Elongation
	Mica	<1		Plateletts / Books							
	Gypsum / Binders	98		Non-fibrous							
	Prep/treatment : mechanical :	sepei	ratio 	n	uuuu u	Asl	estos Content :	None Dete	ted	BRAN. JAMES SHIRK SUUD'	
Layer	2 DW Paper Facing			Stereoscopic Ex	carn						
_				Coke			Texture			xıs % Ashestos	
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				***************************************	Co			Perpendicular	***************************************	Extinction	Sign of
	Components Cellulose Fibers	100	+/-	Morphology ribbens	/ Pleac	hroism	Ref. Index	Ref. Index	Biref high	Angle	Elongation
	Prep/treatment : mechanical :	•	•	***************************************		Asl	estos Content :	None Deter			
	···			THE THE PERSON STATES OF					*****	***************************************	-
Luyer	3 Texture			Stereoscopic Ex	œm .						
				Colo			Cathre -	Homogeneous YES	7 % Fibro	nus % Asbestos ND	% of Sample 10
	PLM Examination			Within the second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second secon	to	<u> </u>	3locky	IES		l un	
	Components Calcite / Talc / Binders	% 100	+/-	Morphology Non-Fibrous	Co. / Picoc	lor hroism	Parallel Ref. Index	Perpendicular Ref. Index	Bircf	Extinction Angle	Sign of Elongation
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	Prop/treatment : mechanical :	separ 	ratio 	n 		Ast	estos Content :	None Deter	ted		
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Comm	ients :		***************************************					C4			10-1
							Analyst: Date Analyza	Steve Mod	жу 17/01	.5	M

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	Moody Micro Services, I cense No. 30-0084	nc.		Bulk A: EPA Method 40 C	sbestos Ana FR, Ch. 1, Pt.					NVLAP Lat	No. 102056
Client :	ETI Environme	ental :	Servi	ces							
Project	: 15115 Surveyo	r Blv	d.								
Project	#: Not Provided			Lab Job#: x1B-	12301 5	Sample	# : 115 S-2				
Client S	Sample Description: V	Vall N	lateri	ial						Pa	ge 1 of 1
*						,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					
Layer	1 Drywall Material			Stereoscopic E	***************************************		Texture	Homogeneous	7 0/ Eiber	- 9/. Achartae	P/ of Commis
				Wh			Blocky	YES	1	ND ND	60
į	PLM Examination		T	· · · · · · · · · · · · · · · · · · ·	Color	-	Parallel	Perpendicular		Extinction	Sign of
	Components	%		Morphology	/ Plexila		Ref. Index	Ref. Index	Biref	Angle	Elongation
	Celiulose Fibers Gypsum / Binders	9	3	ribbons Non-fibrous					high		
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	Prep/treatment : mechanica	i sepe	ratio			Asl	sestes Content:	None Deter	cted		
¥	2 DIM Donos Cosina										
Layer	2 DW Paper Facing			Stereoscopic E.			Texture	Homogeneous	?% Fibro	rs % Asbestos	% of Sample
				Ta	***************************************		-ibrous	YES	100	ND	20
	PLM Examination	<u> </u>	ТТ	***************************************	Color	······································	Paraliel	Perpendicular	_ 	Extinction	Sign of
	Components	%		Morphology	/ Pleoch		Ref. Index	Ref. Index	Bircf	Angle	Elongation
	Cellulose Fibers	101	9	ribbons			1	<u></u>	high	****	<u> </u>
;	Prep/treatment : mechanica	l sepe	ratio	1		Asi	bestos Content:	None Deter	cted		
			-,				-		3e/····		
Layer	3 Texture			Stereoscopie E				-1			
				Cole Win		***************************************	Texture Blocky	Homogeneous YES	7% FIDION	ND	20 20
	PLM Examination		1 1						~- -		·
	Components	%	+/	Morphology	Color / Pleochr		Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
	Calcite / Talc / Binders	100	11	Non-Fibrous							
	Prep/treatment : mechanica	l sepa	ration	1		Asl	bestos Content :	None Deter	cted		
3						*****					
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Comm	ents :		-	**************************************	•	THE REAL PROPERTY OF THE PERTY	Analyst:	Steve Mo		N	W
							Date Analyza		17/01		
							I ab lobil -	×1B-12301	Same	e# - 1159	-2

	Moody Micro Services, I cense No. 30-0084	nc.		Bulk Asber EPA Method 40 CFR,	rtos Analysis S Ch. 1, Pt. 763, Su				NVLAP Lai	No. 102056
Client:	ETI Environme	ental \$	Servi	ces						
Project	: 15115 Surveyo	or Blv	d.							
Project	#: Not Provided			Lab Job#: x1B-123	01 Sample	# : 1155-3				
Client !	Sample Description : \	Vali N	lateri	ai					Pa	ge 1 of 1
Layer	Drywall Material			Stereoscopic Exam						
•	•			Color		Texture Blocky	Homogeneous YES	? % Fibro	us % Asbestos ND	% of Sample 60
	PLM Examination			L.,				<u> </u>		
	Components	%	+/-	Morphology	Color / Picochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
	Cellulose Fibers		3	ribbons				high	<u> </u>	
	Gypsum / Binders	97	<u>' </u>	Non-fibrous	*******************************		***************************************	j		
	Prep/treatment : mechanica	d sepe — —	ration — -	·	As	bestos Content:	None Detec	:ted 	<u>.</u>	
Layer	2 DW Paper Facing			Stereoscopic Exam						
				Color		Tedure	Homogeneous			
	PLM Examination			Tan		Fibrous	YES	100	ND	20
	Components	%	4/-	Morphology	Color / Pleochroism	Paraliel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
	Cellulose Fibers	100		ribbons				high		
	Prep/treatment : mechanica	l sepa	ration	1	As	bestos Content :	None Detec	ted		
	We wast with the time with the time.					****				
Layer	3 Texture			Stereoscopic Exam			Т.:			
	PLM Examination			Color White		Texture Blocky	Homogeneous YES	ND	us % Astresios ND	% of Sample 20
	Compensants	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
	Calcite / Talc / Binders	100		Non-Fibrous						
	Prep/treatment : mechanica	l sepa	ration	l 	As	bestos Content :	None Detec	ted		
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Сопип	ents:				·	Analyst: Date Analyze	Steve Moo	ody 17/01	ſ	W

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	Moody Micro Services, Ii	nc.			bestos Analysis S				NVIAPIN	No. 102056
Client		ntai S	ervi		Shy with Eg & de Charly Art	4,21,000			A FLESS LAND	1100 1020
Projec	t: 15115 Surveyo	r Blvo	ł.							
Projec	•			Lab Job#: x1B-1	2301 Samula	# : 115S-4				
-		Vall M	atori	al on Tape and Be	•		•		Dai	ge 1 of 1
		*****			- Torrig Miller (* ***	y
Layer	1 Drywall Material			Stereoscopic Ex		Texture	Homogeneous	2 % Fibro	se % Achretoe	94 of Samuele
	MUN A # WO 5			Whi	· · · · · · · · · · · · · · · · · · ·	Blocky	YES	2	ND ND	80
	PLM Examination		<u> </u>		Color	Parallel	Perpendicular		Extinction	Sign of
	Components Glass Wool Fibers	7.0	+/-	Morphology Rods	/ Pleochroism	Ref. Index	Ref. Index	Biref 0	Angle	Elongation
	Gypsum / Binders	98		Non-fibrous	***************************************				*******	
	Prop/insument : mechanica	l separ	ratior	1	A	bestos Content:	None Dete	cted		
Layer	2 DW Paper / Tape			Stereoscopic Ex		Texture	Homogeneous	2% Eiben	ne % Achaetae	% of Spmele
				Tan/W		Fibrous	YES	100	ND	5
	PLM Examination		ПТ		Color	Parallel	Perpendicular		Extinction	Sign of
	Components Cellulose Fibers	% 100	+/-	Morphology ribbons	/ Pleochreism	Ref. Index	Ref Index	Biref	Angle	Elongation
	removes Life.2	TUA	<u> </u>	(NOUSE)			L	high		
	Prep/treatment : mechanica	i sepe	ratio	1	A	bestos Content :	None Dete	cted		
T	and the second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second s			·			Made			10.000 taken
Layer	3 Joint Compound			Stereoscopic Ex				No. Ev		lar - 510
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	PLM Examination	1	11		Color	Parallel	Perpendicular		Extinction	Sign of
	Components	%		Morphology	/ Picochroism	Ref. Index	Ref. Index	Biref	Angle	Elongation
	Calcite / Talc / Binders	100		Non-Fibrous		<u>. L</u>	<u> </u>			
	Prep/treatment: mechanica	l sepai	ration	1	As	sbestos Content :	None Dete	cted		
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Layer	4 Texture			Stereoscopie Ex				-lar B0		ht - 60 - 1-1
				Colo Whit	······································	Texture Blocky	Homogeneous YES	ND	US % ASDESTOS ND	5 or Sample
	PLM Examination	<u> </u>	т Т		Color	Parallel	Perpendicular		Extinction	Sign of
	Components	%	+/-	Morphology	/ Pleochroisen	Ref. Index	Ref. Index	Biref	Angle	Elongation
	Calcite / Talc / Binders	100		Non-Fibrous						<u> </u>
İ	Prep/treatment : mechanica	l sepa	ration	1	A	bestos Content :	None Dete	cted		
	was third annual and prove thirds were						THE PERSON NAMED OF THE PERSON NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN			
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~~	areness ,					Date Analyz		17/01	51	~
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Page 1 of % Asbestos % of San ND 88 Extinction Sign of San Angle Elongat % Asbestos % of San ND 5 Extinction Sign of San ND 5 Extinction Sign of San Angle Elongat
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Extinction Sign of Angle Elongat
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	l <i>oody Micro Services, In</i> ense No. 30-0084			EPA Method 40 C	sbestos Ana FR, Ch. 1, Pt.					NVLAP Lat	No. 102056
Client:	ETI Environme	ntal S	ervic	265		•					
Project :	15115 Surveyo	r Bly(i.								
Project#	: Not Provided			Lab Job#: x1B-1	2301	Sample	# : 115S-6				
Client Sa	ample Description : W	all M	ateriz	al on Tape and Bo	eddign M a	terial c	n Sheetrock			Pa	ge 1 of 1
•											
Layer 1	Drywall Material			Stereoscopie Ex	caro						
				Cold Whit	***************************************		ľexture Blocky	Homogeneous YES	? % Fibrous	% Asbestos ND	% of Sample 85
P	LM Examination				J.					J RD	
	Components	%	+/-	Morphology	Cok / Pleoch		Parelici Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
C	ellulose Fibers	5		ribbons	1 TICKELL	rokatia -	RUL HOUR	REI. DREE	high	Augic	Envigation
G	ypsum / Binders	95		Non-fibrous							
Pi	rep/treatment : mechanical	seper	ration			As	estos Conicat :	None Detec	eted		
											
Layer 2	DW Paper / Tape			Stereoscopie Es	rskm						
				Cok			l'eduse	Homogeneous	7 % Fibrous	% Asbestos	% of Sample
TO:	LM Examination			Tan/Y	Virite		Tibrous	YES	100	ND	5
r r	EAST LIAMIUMATEUR	1	ГТ		Cole	r.	Parallel	Perpendicular		Extinction	Sign of
_	Components Seffulose Fibers		 */-	Murphology	/ Pleoch	roism	Ref. Index	Ref. Index	Biref	Angle	Elongation
	exidose Fixars	100	1L	ribbons	<u> </u>	•••			high		L
P	rep/treatment : mechanical	sepe	ration			Asi	estos Content :	None Detec	ted		
Layer 3	•			Stereoscopic Ex Cok Whi	yr		Texture Blocky	Homogeneous YES	? % Fibrous ND	% Asbestos ND	% of Swmple 5
* *	LM Examination		T		Cok	и	Parallel	Perpendicular		Extinction	Sign of
=	Components	%	+/-	Morphology	/ Pleoch	reism	Ref. Index	Ref. Index	Biref	Angle	Elongation
	alcite / Talc / Binders	100	1	Non-Fibrous	<u></u>					····	<u> </u>
P	rep/treatment : mechanical	sepai	ration			Asi	estes Content:	None Deter	cted		
								**** **** ***	PHILIP		
Layer 4	Texture			Stereoscopic Ex	carn.						***************************************
				Cold Whi			l'exture Blocky	Homogeneous YES	? % Fibrous ND	% Asbestos ND	% of Sample 5
P	LM Examination				te j				<u> </u>		
	Components	%	+/-	14h	Colc / Pleoch		Paralici Ref. Index	Perpendicular Ref. Index	Bircf	Extinction Angle	Sign of Elongation
C	Components Calcite / Take / Binders	100		Morphology Non-Fibrous	/ PROC26	IVENIE	RCL DREA	ARL MUCA	Dagi	with	12809 820033
P ₁	rep/treatment : mechanical	eans:	ration						-		•
						AS	estos Content:	None Deter	cted		

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	Moody Micro Services, In cense No. 30-0084	C.		Bulk As EPA Method 40 Cl					NVLAP Lab	No. 102056	
Client	: ETI Environme	ntal S	iervi	ces							
Project	: 15115 Surveyo	r Blv	i.								
Project	#: Not Provided			Lab Job#: x1B-1	2301	Sample	# : 115S-7				
Client	Sample Description: W	all M	ater	ial on Tape and Be	dding M	aterial c	n Sheetrock	•		Pa	ge 1 of 1
Layer	1 Drywali Material			Sterescopic Ex		,			•		····
				Cole	~~~~~~		Texture Blocky	Homogeneous	7 % Fibrous 2	MASSESSION ND	% of Sample 50
	PLM Examination			*****	IX3		DIVERY	i ieo		I RV	30
	Components	%	+/-	Marphology	Co / Picoc		Parallel Ref. Index	Perpendicular Ref. Index	Bîref	Extinction Angle	Sign of Eloogation
	Glass Wool Fibers	1 2		Rods					0		
	Cellulose Fibers	2		ribbons					high	***************************************	
	Gypsum / Binders	96	11	Non-fibrous			ı	<u> </u>	!		<u> </u>
	Prep/treatment : mechanical	sepa	ratio:	n		As	bestos Content :	None Detec	:ted	seemen substant substant	
Layer	2 DW Paper / Tape			Stereoscopie Ex			Texture	Homogeneous	der Eil	O/ Asharina	0/ of Canada
				Tan / V			Fibrous	YES	100	ND	10
	PLM Examination		,	L							
			١., ا	.	Col		Peralici	Perpendicular	mat at	Extinction	Sign of
	Components Cellulose Fibers	100	+/-	Morphology ribbons	/ Pland	HEOISED	Ref. Index	Ref. Index	Biref high	Angle	Elongation
	Prep/treatment : mechanical	sepe	ratio	71 - MARIO MARIO MILICO MILIO M		As	bestos Content :	None Detec	***************************************	delete ferrers weren	
Layer	3 Joint Compound				Stereoscopic Exam						
				Jananaa	I					% Asbestos	
	PLM Examination				White Blocky			<u> YES</u>	ND	ND	20
	Components	%	+/-	Morphology	Col / Pleac		Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
	Calcite / Talc / Binders	100		Non-Fibrous						***************************************	
	Prep/treatment : mechanical	sepa	ratio	R		A si	bestos Content :	None Detec	ted		
Layer	4 Texture			Stereoscopic Ex				ngaannaarannuuuri va uuri			
				Colo			Texture Blocky	Homogeneous YES	ND	ND	20
	PLM Examination			L	<u></u>		Diocey		142	110	
			П		Col		Parallel	Perpendicular		Extinction	Sign of
	Components	100	+/_	Morphology	/ Pleoc	moism	Ref. Index	Ref. Index	Biref	Angle	Elongation
***************************************	Calcite / Talc / Binders Prep/treatment : mechanical		•	Non-Fibrous		Asi	bestos Content :	None Detec	ted	<u> </u>	
Comm	ents:		***************************************				Analyst : Date Analyze	Steve Mod	ody 17/01	SA	
							I ah Tah# ·	x1B-12301	Samula	# - 1158	.7

TDH Li	Moody Micro Services, II cense No. 30-0084			EPA Method 40 CF	bestos Analysis 7 <mark>8, Ch. I, Pt. 763, S</mark>				NVLAP Lat	No. 102056
Client:	ETI Environme	ntal S	iervi	ces						
Project	: 15115 Surveyo	r Blvc	i.							
Project	#: Not Provided			Lab Job# : x1B-1	2301 Sampl	c#; 115S-8				
Client :	Sample Description : V	/all M	ateri	al					Pa	je 1 of 1

Layer	1 Drywall Material			Stereoscopic Ex				Dor Fil	- A	n/ _60
				Colo Whit		Texture Blocky	Homogeneous YES	2 25 FIDEOU 2	ND	7s Of Sample
	PLM Examination		, ,				Y			
İ	Components	%	+/	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
	Glass Wool Fibers	2		Rods	**************************************			0		
	Celfulose Fibers Gypsum / Binders	96	<u></u> i.	ribbons Non-fibrous				high		-
			1	**************************************					***	_L
	Prep/treatment : mechanica	sopa)	ratior	1	A	sbestos Content :	None Deter	ted		
			_				Anti-	Anr	* ·	
Layer	2 DW Paper Facing			Stereoscopic Ex	am					
				Colo		Texture	Homogeneous			% of Sample 10
	PLM Examination			Tan	<u> </u>	Fibrous	YES	100	LND	10
		T			Color	Parallel	Perpendicular		Extinction	Sign of
	Components Cellulose Fibers	100	+/-	Morphology ribbons	/ Pleochroism	Ref. Index	Ref. Index	Biref high	Angle	Eloggation
•	Prep/treatment : mechanica	1	<u>1</u>		, ,	sbestos Content :		•		
Layer	3 Texture			Stereoscopic Ex Colo Whit	ŧ	Texture Blocky	Homogeneous YES	? % Fibrox	zs % Asbestos ND	% of Sample
	PLM Examination		,	72983		Color Parallal				
	Components Calcite / Talc / Binders	% 100	+/-	Morphology Non-Fibrous	Color / Picochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
	**************************************		A							<u> </u>
	Prep/treatment : mechanica	sepa	ratior		Α	shestos Content:	None Detec	ted		

	Moody Micro Services, I icense No. 30-0084	7C.		Bulk As EPA Method 40 CF	bestos Ana R, Ch. I, Pt	alysis Sh . 763, <u>S</u> nb	neet pt. F. App. A			NVLAP Lat	No. 102056
Client	: ETI Environme	ntal :	Servi	CES							The second second
Projec	t: 15115 Surveyo	r Blv	d.	•							
Project	t#: Not Provided			Lab Job#: x18-1	2301	Sample #	# : 115S-9				
Client	Sample Description: C	arpel	: Mas	tic over 12" x 12"	Floor Tile	with Y	ellow Glue			Paç	ge 1 of 1
Layer	1 Yellow Mastic			Stereoscopic Ex	am						
,-				Colo	£]		exture	Homogeneous			
	PLM Examination	y		Yeilo			ubbery	YES	ND	ND	16
	Components	%	+/-	Morphology	Col / Picocl		Paralici Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
	Glue Binders	100		Non-fibrous							
	Prep/treatment : heat / melt.			··		Asb	estos Content :	None Detec	ated	ne wenter was the total	
Love	2 Floor Tile			C*							
Layer	2 FROI ING			Stereoscopic Ex Colo	r	7	`cxture	Homogeneous	% Fibros	s % Asbestos	
	PLM Examination			Tan	<u>) </u>		Hard	YES	ND	ND	89
	Components	%	+/-	Morphology	Cole / Pleoch		Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
	Calcite / Vinyl Binders	100		Non-fibrous	***************************************				high		
	Prep/ireatment : heat / melt					Asb	estos Content :	None Detec	ted		
Layer	3 Yellow Mastic			Stereoscopic Ex Colo	~~~~~		exture	Homogeneous	? % Fibrou	s % Asbestos	% of Sample
	PLM Examination			Yelfo	Yellow Rubbery				ND	ND	1
	Components	%	+/-	Morphology	Cele / Pleoch	-	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
	Glue Binders	100		Non-fibrous	(211/2/		TOE MOEK				
	Prep/treatment : heat / meft					Asb	estos Content :	None Detec	ted		
	MANA VALLE SHARE EVEN AVENUE AND AND AND AND AND AND AND AND AND AND					alt visible survey				, goden 1999e same.	
ĺ											
											E .
Comm	senis :						Analyst : Date Analyz	Steve Mod	ody 17/01	S	w
						F		x1B-12301	-1	#: 115S	-9

	Moody Micro Services, I cense No. 30-0084	nc.		Car		sbestos An					AND ADIA	Na roonse
			_		'A Method 40 C	<u> FK, CA. 1, P</u>	L /03, 540	<u>рс г. Арр. А</u>	***************************************		NYLAPIZE	No. 102056
:	ETI Environme	ental S	erv	ices								
t	: 15115 Surveyo	or Blvc	i.									
t:	#: Not Provided			Lab	Job#: x1B -1	12301	Sample	f: 115S-10				
S	Sample Description: 1	2" x 1	2" F	loor 1	île with Yell	ow Glue					Pag	ge 1 of 1
	MARKINI						***************************************	<u> </u>	***************************************			
	1 Yellow Mastic				Stereoscopic Ex Colo		7	exture	Homogeneous	2 of Cikman	m 0/ Asharena	e/ of Sanual
					Yelk		· · · · · · · · · · · · · · · · · · ·	ubbery	YES	ND	ND ND	10
1	PLM Examination	······	I			Co	lor	Parellel	Perpendicular		Extinction	Sign of
	Components Glue Binders	% 100	+/-		korphology xn-fibrous	/ Piece	<u>mzion</u>	Ref. Index	Ref. Index	Biref	Angle	Elongation
•		}	1	145	AFRAVO				J	L		<u> </u>
	Prep/treatment: heat / melt						Asb	estos Content :	None Detec	rted		
,	2 Floor Tile				••••••••••••••••••••••••••••••••••••••							
•	2 Floor Tile				Stereoscopic E		T	exture	Homogencous	7 % Fibrou	s % Asbestos	% of Sample
1	PLM Examination				Bla	ck.		Hard	YES	ND	ND	89
	A	T			-	Co		Parallel	Perpendicular		Extinction	Sign of
	Components Calcite / Vinyl Binders	100	+/-		orphology on-fibrous	/ Please	hroism	Ref. Index	Ref. Index	Biref high	Angle	Elongation
1	Prop/treatment : heat / melt				***************************************		dob.	ector Content :	None Detec	dod		_
	IN ANY MAY AND NOW AND THE COLUMN		_								-	
	3 Yellow Mastic				Stereoscopic E	E-9#15						
•	5 TOTOW MODBO				Cole	or .		cature	Homogeneous			% of Sample
1	PLM Examination				Yellow Rubbery YES ND				ND	MD ND	<u> </u>	
	-	01				Co		Parallei	Perpendicular	TS:6	Extinction	Sign of
į	Components Glue Binders	% 100	+/-		iorphology x n-fibrous	/ Piece	nroism	Ref. Index	Ref. Index	Biref	Angle	Elongation
]	Prop/trestment : heat / melt						Asb	estos Content :	None Deter	cted		
_											- <u></u>	
						•						
												'
			****								*****	***************************************
n	icnis:							Analyst :	Steve Mod			M
												· · · · · · · · · · · · · · · · · · ·
					100 A	MARK TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE T		****				***************************************
n	ents:							Date Analyz	ed:	11/	11/17/01	

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Steve Moody Micro Services, Inc. **Bulk Asbestos Analysis Sheet** TDH License No. 30-0084 EPA Method 40 CFR, Ch. 1, Pt. 763, Subpt. F, App. A NVLAP Lab No. 102056 Client: ETI Environmental Services 15115 Surveyor Blvd. Project: Project#: **Not Provided** Lab Job#: x1B-12301 Sample #: 115S-11 Client Sample Description: 12" x 12" Floor Tile with Yellow Glue Page 1 of 1 Layer I Floor Tile Stereoscopic Exam Color Texture Homogeneous? % Fibrous % Asbestos % of Sample Light Tan Hard YES ND ND PLM Examination Parallei Perpendicular Color Extinction Sign of % +/-/ Pleochroism Ref. Index Ref. Index Bircf Elongation Components Morphology Angle Calcite / Vinyl Binders 100 Non-fibrous high Asbestos Content: None Detected Prop/treatment : heat / melt Layer 2 Yellow Mastic Stereoscopic Exam Homogeneous? % Fibrous % Asbestos % of Sample Color Texture Yellow Rubbery YES ND ND PLM Examination Perpendicular Color Parallel Extinction Sign of Components % +/-Morphology / Pteochroism Ref. Index Ref Index Angle Elongation Glue Binders 100 Non-fibrous Prop/treatment : heat / melt Asbestos Content: None Detected

Comments:

Analyst: Steve Moody

Date Analyzed:

11/17/01

Lab Job#: x1B-12301 | Sample #: 115S-11

Steve Moody Micro Services, Inc.

Bulk Asbestos Analysis Sheet

TDH License No. 30-0084

EPA Method 40 CFR, Ch. 1, Pt. 763, Subpt. F, App. A

NVLAP Lab No. 102056

Client:

ETI Environmental Services

Project:

15115 Surveyor Blvd.

Project#:

Not Provided

Lab Job#: x18-12301

Sample#: 115S-12

Client Sample Description : 2' x 4' Ceiling Panel

Page 1 of 1

Layer I Ceiling Tile

Stereoscopic Exam

Calor	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Light Grey	Fibrous	YES	80	ND	100

PLM Examination

		1		Color	Parallel	Perpendicular		Extinction	Sign of
Components	%	+/-	Morphology	/ Pleochroisan	Ref. Index	Ref. Index	Biref	Angle	Elongation
Cellulose Fibers	50		ribbons				high		
Mineral Wool Fibers	30		Rods				0		and the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of th
Perlite	20		Glass Foam				Õ		

Prep/treatment: mechanical separation

Asbestos Content: None Detected

Comments:

Steve Moody Analyst:

Date Analyzed:

11/17/01

Lab Job#: x1B-12301 | Sample #: 115S-12

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Steve Moody Micro Services, Inc.

Bulk Asbestos Analysis Sheet

TDH License No. 30-0084

EPA Method 40 CFR, Ch. 1, Pt. 763, Subpt. F, App. A

NVLAP Lab No. 102056

Client:

ETI Environmental Services

Project:

15115 Surveyor Blvd.

Project #:

Not Provided

Lah Job#: x1B-12301

Sample#: 115S-13

Client Sample Description: 2' x 4' Ceiling Panel

Page 1 of 1

Layer I Ceiling Tile

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample	
Light Grey	Fibrous	YES	80	ND	100	

PLM Examination

		Π		Color	Parallel	Perpendicular		Extinction	Sign of
Components	%	+/-	Morphology	/ Pleochroism	Ref. Index	Ref Index	Biref	Angle	Elongation
Cellulose Fibers	50		ribbons				high		
Mineral Wool Fibers	30		Rods				0		
Perlite	20		Glass Foam				0		

Prep/treatment: mechanical separation

Asbestos Content: None Detected

Comments:

Steve Moody Analyst:

Date Analyzed:

11/17/01

Lab Job#: x1B-12301 | Sample #: 115S-13

N

Steve Moody Micro Services, Inc.

Bulk Asbestos Analysis Sheet

TDH License No. 30-0084

EPA Method 40 CFR, Ch. 1, Pt. 763, Subpt. F, App. A

NVLAP Lab No. 102056

Client:

ETI Environmental Services

Project :

15115 Surveyor Blvd.

Project#:

Not Provided

Lab Job#: x1B-12301

Sample #: 115S-14

Client Sample Description: 2' x 4' Ceiling Panel

Page 1 of 1

Layer 1 Ceiling Tile

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Light Grey	Fibrous	YES	80	ND	100

PLM Examination

	T			Color	Parallei	Perpendicular		Extinction	Sign of
Components	%	+/-	Morphology	/ Pleochroism	Ref. Index	Ref. Index	Biref	Angle	Elongation
Cellulose Fibers	50		ribbons				high		
Mineral Wool Fibers	30		Rods				0		
Perlite	20		Glass Foam				Ō		

Prep/treatment: mechanical separation

Asbestos Content: None Detected

Comments:

Steve Moody Analyst:

Date Analyzed:

11/17/01

Lab Job#: x1B-12301 | Sample #: 115S-14

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	Moody Micro Services, I icense No. 30-0084	nc.			estos Analysis SI R, Ch. 1, Pt. 763, Sul		***		NVLAP Lab	No. 102056
Client	: ETI Environme	ntal S	ervi	ces .						
Project	: 15115 Surveyo	r Blvc	i.							
Project	#: Not Provided			Lab Job#: x1B-12	301 Sample:	# : 115\$-15				
Client	Sample Description: T	ape a	nd B	edding Material or	Sheetrock, Wa	rehouse	naconinaco.		Pag	e 1 of 1
Layer	1 Drywall Material			Stereoscopic Eco	·	***************************************				
				Color		Texture Blocky	Homogeneous YES		is % Asbestos ND	% of Sample
	PLM Examination			White		SKICKY	T LES	3		<u> </u>
	Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
	Cellulose Fibers	5		ribbons				high		
	Gypsum / Binders	95		Non-fibrous		<u> </u>				
	Prep/treatment: mochanica	Sepe	ation		Ast	estos Conicat :	None Dete	cted 		vivitori. vocani na viv 1994
Layer	2 DW Paper / Tape			Stereoscopic Exa	m					
				Color		Cottore	Homogeneous			
	PLM Examination			Tan / W	hite F	Throus	<u>YES</u>	100	ND	5
	FLIM EXECUTATION	T			Color	Parallel	Perpendicular		Extinction	Sign of
	Components	%	+/-	Morphology	/ Pleochroism	Ref. Index	Ref. Index	Biref	Angle	Elongation
	Celfulose Fibers	100		ribbons				high		
Layer	Prep/treatment : mechanica 3 Joint Compound			Stereoscopic Exa	m	Texture	None Deter		ıs % Asbestos	% of Sample
	B			White		Blocky	<u>YES</u>	ND	ND	10
	PLM Examination	Τ		The state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the s	Color	Paraliel	Perpendicular		Extinction	Sign of
l	Components Calcite / Talc / Binders	100		Morphology Non-Fibrous	/ Pleochroism	Ref. Index	Ref. Index	Biref	Angle	Elongation
Layer	Prep/treatment : mechanica		<u> </u>			pestos Content:	None Dete	:ted		
~				Color		Cexture	Homogeneous	?% Fibro	us % Asbestos	% of Sample
				White		Blocky	YES	_ ND	NĐ	5
	PLM Examination						1			1
	Components Calcite / Talc / Binders	% 100	+/-	Morphology Non-Fibrous	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
	Prep/treatment: mechanica		<u> </u>		Ash	estos Content :	None Dete	ted		
					. Chan			****** .***** ****		42 24 26
							•			
Сошп	nents:	•	***************************************			Analyst: Date Analyza	Steve Mod	ody 17/01	N	
						Lab Job# :	x1B-12301	Samp!	c#: 115S	-15

	Moody Micro Services, II icense No. 30-0084	nc.		Bulk Ash EPA Method 40 CFF						NVLAP Lab	No. 102056
Client	Client: ETI Environmental Services										
Projec	Project: 15115 Surveyor Blvd.										
Projec				Lab Job#: x18-12	301	Samule	# : 115S-16				
_		oof F	lash	ing Material						Par	je 1 of 1
	The second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second secon										,0 1 01 1
Layer	1 Silver Paint			Stereoscopic Exa Color	<u>m</u>	~	cxture	Homogeneous	994 Eibons	. % Arbertse	PL of Cample
	PLM Examination			Silver	r		Soft	NO	ND	ND	1
		Τ	I.,		Coli		Parailel	Perpendicular		Extinction	Sign of
	Components Pigment / Bioders	100	+/-	Morphology Non-fibrous	/ Pleoch	roism	Ref. Index	Ref. ludex	Biref	Angle	Elongation
	Prep/treatment: heat / melt					Asb	estos Content:	None Deter	cted		
							*****			· · · · · · · · · · · · · · · · · · ·	
Layer	2 Roofing Membrane	е		Stereoscopic Exa			čxtue	Homogeneous	?% Fibrou	% Asbestos	% of Sample
	PLM Examination			Black		R	ubbery	YES		ND	59
	Components	%	+/-	Morphology	Cole / Pleoch		Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
	Synthetic Fibers	1!		Monofilaments							
	Calcite Binders / Filters	3(5!		Non-fibrous Non-fibrous					hìgh		
	Prop/treatment : heat / melt		******			/ds	estos Content :	None Deter	:ted 		
Layer	3 Roofing Tar			Stereoscopic Exta			èxiurt	Homogawous	9 6/ 6/6	6/ Achartas	& of Compta
	**************************************			Black			phattic	YES	ND	ND	30
	PLM Examination Components	%	4/-	Morphology	Cok / Pleoch		Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
	Tar Binders	100		Non-fibrous	7 2 FULA	BUSH	Tittle India	***************************************	ZUVI	ruge	Ligania
	Prep/trealment : heat / melt		»·······. •		n andreas and views	Asb 	estos Content :	None Deter	:ted 		
Layer	4 Underlayment			Stereoscopic Exe	m						
				Color Tan		1 F	exture Abrous	Homogeneous YES	7 % Fibrou 80	% Asbestos ND	% of Sumple
	PLM Examination	87	Τ.,		Cole / Pleoch		Parallel	Perpendicular	******	Extinction	Sign of Elongation
	Components Cellulose Fibers	% 8K		Morphology ribbons	/ Picocii	повія	Ref. Index	Ref. Index	Biref high	Angle	Ciongadon
	Perlito	20		Glass Foam			L		0		
L	Prep/treatment : mechanical	l sepa 	ratio	\$ 		Asb 	estos Content :	None Deter	:ted 		
Comm	neats :				*************************************		Analyst : Date Analyza	Steve Mod	ody 17/01	51	- -
						I	Date unsilve	20: 11//	! / U		

Steve Moody Micro Services, Inc. **Bulk Asbestos Analysis Sheet** TDH License No. 30-0084 EPA Method 40 CFR, Ch. 1, Pt. 763, Subpt. F, App. A NVLAP Lab No. 102056 ETI Environmental Services Client: Project: 15115 Surveyor Blvd. Project#: **Not Provided** Lab Job#: x1B-12301 Sample #: 115S-17 Roofing Material Client Sample Description: Page 1 of 1 Layer I Sand Layer Stereuscopic Exam Color Homogeneous? 1% Fibrous 1% Asbestos 1% of Sample Texture Light Grey Hard YE\$ ND ND PLM Examination Color Parallel Extinction Perpendicular Sign of % Ref. Index Bircf Elongation Components Morphology / Pleochroism Ref. Index Angle 100 Non-fibrous Aggregate Prep/treatment: mechanical separation Asbestos Content: None Detected Layer 2 Roofing Membrane Stereoscopic Exam Homogeneous? % Fibrous % Asbestos % of Sample Color Texture Black Rubbery YES PLM Examination Color Parallel Perpendicular Extinction Sign of Morphology Components % / Picochroism Ref. Index Ref. Index Elongation Angle Synthetic Fibers 15 Monofilaments Calcite 30 Non-fibrous high Binders / Fillers 55 Non-fibrous Prep/treatment: heat / melt Asbestes Content: None Detected Layer 3 Underlayment Stereoscopic Exam Homogeneous? % Fibrous % Asbestos % of Sample Color Texture YES ND 20 Fan **Fibrous** 80 PLM Examination Color Parallel Extinction Sign of Perpendicular Elongation % Components +/-Morphology / Pleochroism Ref. Index Ref. Index Hiref Angle Cellulose Fibers 80 ribbons high Perlite 20 Glass Foam Prep/treatment: mechanical separation Ashestos Content: None Detected Steve Moody Comments: Analyst: 11/17/01 Date Analyzed: Lab Job#: x1B-12301 Sample#: 115S-17

	Moody Micro Services, I icase No. 30-0084	nc.		Bulk As EPA Method 40 Cl	bestos Analys FR, Ch. 1, Pt. 76				***************************************	NVLAP Lat	No. 102056
Client	: ETI Environme	ntal 5	Serv	ices							
Project	t: 15115 Surveyo	r Bhy	ď.								
Project	t#: Not Provided			Lab Job#: x1B-1	2301 Ser	nple#	1158-18				
Client	Sample Description: R	loof F	lasi	ning Material					***************************************	Pag	ge 1 of 1
Layer	I Sand Layer			Stereoscopic Ex	900						
				Cole		Te	kture	Homogeneous	% Fibro	us % Asbestos	% of Sample
	W. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.			Light (Gray	H	ard	YES	ND	ND	5
	PLM Examination	T	Τ		Color	T	Parallel	Perpendicular		Extinction	Sign of
	Components	%	+/-	Morphology	/ Pieochrois	ana.	Ref. Index	Ref. Index	Biref	Angle	Elongation
	Aggregate	100	4	Non-fibrous							
., 	Prep/treatment : mechanical	l sepa	ratio	n		Asbes	ans Content:	None Detec	ted		
I	2 Roofing Membran	_		St							
Layer	2 Nooning Membran			Stereoscopic Ex Colo		Tes	rture	Homogeneous	% Fibro	ns % Ashesins	% of Samule
				Blac			obery	YES	5	ND	50
	PLM Examination		T			Т	45	****		5 4'	
	Components	%	+/-	Morphology	Cofor / Pleochrois		Parallei Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
	Synthetic Fibers	15	1	Monofilaments							
	Calcite Binders / Fillers	3(5)		Non-fibrous			***************************************		high		
	Daniels I Fillers	1 34	1	Non-fibreus		1.	***************************************				
Layer	Prep/treatment : heat / melt Roofing Tar			Stereoscopic Ex				None Detec			
				Colo			duc haltic	Homogeneous'	% Fibro	us % Asbestos ND	% of Sample 25
	PLM Examination			_ DER		2429	11344 (2-9	1 100	1	1342	
				75. 1.1	Color		Parallel	Perpendicular	D	Extinction	Sign of
	Components Tar Binders	% 100	+/-	Morphology Non-fibrous	/ Pleochrois	III .	Ref. Index	Ref. Index	Biref	Angic	Elongation
-	Prep/treatment : heat / melt					Asbes	tos Conteat :	None Detec	ted 		4444 1444 1854
Layer	4 Underlayment			Stereoscopic Ex	am						
				Colo			cture	Homogeneous?	11		
	PLM Examination			Tar	1	1-10	rous	YES	80	ND	20
	Components	%	+/-	Morphology	Color / Pleochrois	m	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
	Celluloso Fibers	20		ribbons					high		
	Perlite	20	<u> </u>	Glass Foam		1		LL	Đ		1
	Prep/treatment : mechanica	l sepa	ratio	n 		Asbes	tos Content :	None Detec	ted		, v en
Comn	nents :						analyst : Date Analyze	Steve Moo		. (ź

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TDH Li		30-008			EPA M	Anarysis Sheet lethod 600/R-93/116	200002000000000000000000000000000000000	100****		NVLA	P Lab# 2056
Client :		QC SAMPLES									
Sample	#:	x1B-12301*115S	-3								
Sample	Anal	vsis :				1					
			······································			dahii ida	***************************************				
Layer	1 D	rywali Material			Stereuscopic Exam		I W. Y. Y. Y.		olov sa		o. co 1
					Color White	Texture Blocky	YES	Homogeneous YES	3	ND ND	50
	PLM I	Xamination	Ī		·	Color	Paralici	Perpendicular		Extinction	Sign of
	Cellul	Components ose Fibers	% 5	+/-	Morphology ribbons	/ Pleochroism	Ref. Index	Ref. Index	Biref high	Angle	Elongation
		ım / Binders	95		Non-fibrous				***9(1		
	Prep/o	catment: mechanical	seper 	atio —	n 	Asbe	estos Content:	None Detec	ted		
Layer	2 D	W Paper Facing		į	Stereoscopic Exam					100447000	
					Color Tan	Texture Fibrous	Priable YES	Homogeneous YES	? % Fibroi 100	is % Asbestos ND	% of Sample 20
	PLM E	exitanimax	T			Color	Parallel	Perpendicular		Extinction	Sign of
	Colini	Components ose Fibers	% 100	+/-	Morphology ribbons	/ Pleochroism	Ref. Index	Ref. Index	Biref	Angle	Elongation
			***************************************					J	high		L
	Prep/tr	eaiment : mechanical :		atio	n 	Asbe	estos Content :	None Detec	:ted 	NA VARIOR ANNUA CHIMAN	
Layer	3 Texture				Stereoscopic Exam						
					Color Texture White Blocky		Priable? Homogeneon		s? % Fibrous % Asbestos ND ND		% of Sample
	PLM E	xamination	T			Color	Parallel	Perpendicular	·····	Extinction	Sign of
		Coropouents	%	+/-	Morphology	/ Pleochroism	Ref. Index	Ref. Index	Biref	Angle	Elongation
	Calen	e / Takc / Binders	100		Non-Fibrous		L	ll			<u> </u>
	Prep/tr	rep/treatment : mechanical separation				Asbe	estos Content :	None Detec	ted		
								,			
Comm	ents :	***************************************	***************************************			_	Analyst Date			icle /	L
							Sample #	: x1B-12	301*11	5 S -3	

Steve Moody Micro Services, Inc. TDH License# 30-008

QC Analysis Sheet EPA Method 600/R-93/116

NVLAP Lab# 2056

Client:

QC SAMPLES

Sample #: x1B-12301*115S-13

Sample Analysis:

Layer 1 Ceiling Tile

Stereoscopic Exam

Friable? Homogeneous? % Fibrous % Asbestos % of Sample YES YES 80 ND 100 Color Texture Light Grey Fibrous

P	LN	1 E	XII	urn Urn	rati	ion

	l	-		Color	Parallel	Perpendicular		Extinction	Sign of
Components	%	+/-	Morphology	/ Pleochroism	Ref. Index	Ref. Index	Biret	Angle	Elongation
Cellulose Fibers	50		ribbons				high		
Mineral Wool Fibers	30		Rods				0		
Perlite	20		Glass Foam				0		

Prep/treatment: mechanical separation

Ashestos Content: None Detected

Comments:

Analyst: Robert W. Miracle

x1B-12301*115S-13 Sample #:

An

Date: 11/17/01

ETI Environmental Services

4112 VIA BALLENA MESQUITE, TEXAS 75150 (972) 279-9751

November 15, 2001

Steve Moody Micro Services, Inc. 1510 Randolph, Suite 602 Carrollton, Texas 75006

Re: PLM Testing on Bulk Samples

Gentlemen:

We have transmitted 51 bulk samples for PLM testing in accordance with NESHAP Regulations for asbestos to your laboratory at the above address. Provide point-counting on the friable samples with positive stop. Provide total wall system results on tape and bedding samples.

Analysis report is to be broken down and billed by project as follows:

NO. OF	SAMPLE	w.W.	
SAMPLES	DATE	BUILDING NAME	SAMPLE NUMBER
12	11-14-01	15109 Surveyor Blvd.	109S-1 thru 109S-12
12	11-14-01	15111 Surveyor Blvd.	1115-1 thru 1115-12
12	11-14-01	15113 Surveyor Blvd.	113S-1 thru 113S-12
15	11-14-01	15115 Surveyor Blvd. Addison, Texas	115S-1 thru 115S-15

Please list numerically on report from last digit(s) of sample #.

Please submit quality control results with final report.

Please sign and return one copy, keep the other copy for your records.

Thank You.

ETI ENVIRONMENTAL SERVICES

STEVE MOODY MICRO SERVICES, INC.

Eddie Taw_

Asbestos Consultant

Receiver's Signature

11-14-01 8:00 cm

Date

United States Department of Commerce National Institute of Standards and Technology



180/MC GUIDE 28:1990 180 9002:1987

Certificate of Accreditation



STEVE MOODY MICRO SERVICES, INC. CARROLLTON, TX

is recognized under the National Voluntary Laboratory Accreditation Program for satisfactory compliance with criteria established in Title 15, Part 285 Code of Federal Regulations. These criteria encompass the requirements of ISO/IEC Guide 25 and the relevant requirements of ISO 9002 (ANSI/ASQC Q92-1987) as suppliers of calibration or test results. Accreditation is awarded for specific services, listed on the Scope of Accreditation for:

BULK ASBESTOS FIBER ANALYSIS

June 30, 2002

Ravid Z. alderman

For the Hantonal Institute of Standards and Technology

NVLAP Lab Code: 102056-0

NVLAPOIC (11-85)

TEXAS

DEPARTMENT OF HEALTH

BE IT KNOWN THAT

STEVE MOODY MICRO SERVICES, INC.

is Licensed and authorized to perform as an

Ashestos Laboratory

in the State of Texas within

Article 4477-38,

E Hound of Healt

according to the

LARRI

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46/01/2001

05/31/2002

Expiration Date

This cartificate is void after expiration date.

JM7Wm-

Todd F. Wingler, P.R.
Chief, Asbestor Programs Branck
Occumentural Robbits and Flexible Distance

C. ? But mo

CAMORI K. BIRL, M. D.

RANDERS DANGE CONTRIBUTIONS

VOID IF ALTERED NON-TRANSFERABLE 57626

McCRONE RESEARCH INSTITUTE

certifies that

Steven V. Moody

has successfully completed an intensive course of instruction in

"Microscopical Identification of Asbestos" given by the McCrone Research Institute

Presented this 29th day of March, 1985

3.5 CEU's

McCRONE RESEARCH INSTITUTE

certifies that

Steven V. Moody

has successfully completed an intensive course of instruction in

Advanced Ashestos

Identification"

given by the McGrone Research Institute

Presented this 25th day of September, 1985

3.5 CELL'S

Water Na.

TEXAS DEPARTMENT OF HEALTH

BE IT KNOWN THAT

EDDIE TAW, INC./DBA ETI ENVIRONMENTAL SERVICES

is Licensed and authorized to perform as an Asbestos Consultant Agency

the State of Texas wit amended, so long as a according to the	his License is not suspended or revoked and is renewed
10-0016	Sad 7 Wing L
License Humber	
01/06/2001	Todd F, Wingler, P.E.
Pasce Date	Chief, Asbestus Programs Hemich Georgialistal Safety and Health Historia
01/05/2002	
Expiration Date	Collum & aleba
This certificate is void	William & allaba
after expiration date.	Charles E. Bell, N.D. Executive Deputy Commissions

VOID IF ALTERED NON-TRANSFERABLE 55418

TEXAS DEPARTMENT OF HEALTH

BE IT KNOWN THAT

EDDIE TAW, INC/DBA ETI ENVIRONMENTAL SERVICES

is Licensed and authorized to perform as an

Asbestos Laboratory

in the State of Texas within the durview as amended, so long as this Dien e is according to the rules and other	
38-0021	Soul 7 Way L
Licensia Number	J. 100-1
03/B6/2001	Todd F. Wingley, P.L.
lature Date	Clotef, Astronos Programa Branch Occupational Safety and Health Division
01/05/2002	combination visità ann samm casonal
Expiration Cale	
This certificate is void	C. E Bell, M.D
after expiration date.	Charles E. Dell, M.D Executive Deputy Convenieshmer

ASBESTOS INSPECTION REPORT

FOR

15109-15115 SURVEYOR BOULEVARD ADDISON, TEXAS 75001

PREPARED FOR

TOWN OF ADDISON

DEPARTMENT OF PUBLIC WORKS

ETI ENVIRONMENTAL SERVICES

MESQUITE, TEXAS

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SECTION 3.	DRAWINGS A. APPROXIMATE SAMPLE LOCATION AND LOCATION OF ACM
SECTION 4.	ASBESTOS LABORATORY CREDENTIALS AND RESULTS A. ASBESTOS BULK SAMPLE ANALYSIS REPORT B. BULK SAMPLE ANALYSIS C. CHAIN OF CUSTODY D. STEVE MOODY MICRO SERVICES' CERTIFICATIONS & TDH LICENSE
SECTION 5.	ETI ENVIRONMENTAL SERVICES' TEXAS DEPARTMENT OF

ETI ENVIRONMENTAL SERVICES

HEALTH LICENSES

EDDIE TAW

DIANNE K. WOO

A. B.

C.

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ETI Environmental Services

4112 VIA BALLENA MESQUITE, TEXAS 75150 (972) 279-9751 Fax (972) 279-6063

November 26, 2001

Town of Addison
Department of Public Works
P. O. Box 9010
Addison, **T**exas 75001

Attention: Mr. Steve Chutchian, Assistant Engineer

Re: Asbestos Inspection Services

15109-15115 Surveyor Boulevard, Addison, Texas 75001

Gentlemen:

As authorized, an asbestos inspection was performed on an office warehouse building located at 15109-15115 Surveyor Boulevard in Addison, Texas on November 14, 2001, by Eddie Taw of ETI Environmental Services.

Results of the inspection and laboratory analysis of bulk samples collected during the inspection are presented herein. Asbestos-containing materials (ACM) as defined by State and Federal regulations are any materials with an asbestos content greater than one (>1%) percent. Non-asbestos containing materials are any materials with an asbestos content of less than one (<1%) percent, and is not regulated under any current Federal, State or Local regulations.

SUMMARY OF ASBESTOS FINDINGS

08 - Sheet Floor Covering

Approximately 158 square feet of sheet floor covering located in the Men's and Women's Restrooms of 15111 Surveyor Blvd., as noted on the Location of ACM Drawing, contains about 65% chrysotile asbestos in the backing material. This material is classified as Category I Non-friable Materials under NESHAP regulations, and it is in good condition.

RECOMMENDATIONS

ETI Environmental Services recommends that the 158 square feet of asbestos-containing floor covering located in the Men's and Women's Restrooms in 15111 Surveyor remain in place for planned demolition activities and disposed of as construction debris.

INSPECTION AND SAMPLING PROCEDURES

All areas of the building were accessible for inspection. A Building Description and a Summary of Homogeneous Areas obtained during the inspection are presented herein.

ETI Environmental Services used a random convenience sampling strategy in order to collect all representative samples of suspect materials, both friable and non-friable. Sample locations were marked with paint or markers, and photographs were taken at each sample location. The Approximate Sample Location Drawing shows the location of each sample taken during the inspection process.

Results of the inspection that identifies sample locations, condition of suspect materials, and asbestos-containing materials present are presented on the Sample and Hazard Assessment Summary.

Assessments of each homogeneous area were made using the NESHAP Regulations and definitions under 40 CFR Part 61.

Asbestos bulk samples were submitted to a qualified independent laboratory, Steve Moody Micro services, Inc., for analysis. The results of these analyses are presented herein.

We thank you for this opportunity to be of service to the Town of Addison. Please call us if you have any questions or need further information.

Respectfully submitted,

ETI ENVIRONMENTAL SERVICES

Dianne K. Woo Asbestos Consultant

BUILDING DESCRIPTION

PROPERTY: 15109-15115 SURVEYOR BOULEVARD, ADDISON, TEX	AS 75001	Pg. 1 of 1
DATE OF INSPECTION: NOVEMBER 14, 2001	CLIENT: TOWN OF ADDISON, DEPT. OF P	UBLIC WORKS
CONTACT: MR. STEVE CHUTCHIAN, ASSISTANT ENGINEER	PHONE: 972-450-2886	FAX: 972-450-2837

GENERAL BUILDING DESCRIPTION								
1. TYPE OF FACILITY: OFFICE WAREHOUSE BUILDING								
2. YEAR OF CONSTRUCTION - ORIGINAL: UNKNOWN ADDITIONS: UNKNOWN REMODELING: UNKNOWN								
3. TYPE OF BUILDING CONSTRUCTION: TILT-UP CONCRETE WALLS ON CONCRETE SLAB								
4. NUMBER OF FLOORS: 1 BASEMENT: NO ATTIC: NO CRAWLSPACE: NO								
5. TYPE OF ROOF: BUILT-UP ROOFING ON CORRUGATE METAL DECK								
6. TYPE OF WALL - EXTERIOR: CONCRETE INTERIOR: CONCRETE AND SHEETROCK								
7. TYPE OF CEILING: 2X4 CEILING PANELS								
8. TYPE CEILING ABOVE CEILING: METAL ROOF DECK								
9. TYPE OF LIGHTING: INCANOESCENT AND FLOURESCENT								
10. TYPE OF SURFACE MATERIAL - CEILING: PANELS WALLS: PAINT								
11. TYPE OF FLOORS: CARPET, FLOOR TILE AND FLOOR COVERING ON CONCRETE								
12. BOILER ROOM / HOT WATER SYSTEM: HOT WATER HEATERS								
13. TYPE OF HVAC: ROOF MOUNTED UNITS								
14. BUILDING AREA IN APPROXIMATE SQUARE FOOTAGE: 29,600								
GENERAL COMMENTS:								
ASBESTOS FINDINGS (MATERIALS WITH CONTENT GREATER THAN 1%):								
1. APPROXIMATELY 158 SQUARE FEET OF FLOOR COVERING IN MEN'S AND WOMEN'S RESTROOMS OF 15111 SURVEYOR BLVD. CONTAINS								
ABOUT 65% CHRYSOTILE IN THE BACKING MATERIAL AND IS IN GOOD CONDITION UNDER NESHAP REGULATIONS.								
CONSULTANT: EDDIE TAW - TDH LICENSE NO. 10-5055								
CONSULTANT: DIANNE K. MOO - TDH LICENSE NO. 10-5056								

PROPERTY: 15109-15115 SURVEYOR BOULEVARD, ADDISON, TEXAS 75001 Pg: 1 of 1								
DATE OF INSP	PECTION: NOVEMBER 14, 2001	CLIENT	N, DEPARTMENT OF PUBLIC WOR	KS				
HOMOGENEOUS AREA ID	NAME OF HOMOGENEOUS AREA	ASBESTOS TYPE & PERCENT (%)	ESTIMATED ACM SQUARE FEET OR LINEAR FEET	LOCATION ASBESTOS CONTAININ PRESENT	G MATERIALS			
D1	WALL MATERIAL	NONE DETECTED		15109 SURVEYOR BLVD.				
02	WALL MATERIAL ON TAPE & BEDDING ON SHEETROCK	NONE DETECTED						
03	12x12 FLOOR TILE & MASTIC	NONE DETECTED			:			
04	2X4 CEILING PANELS	NONE DETECTED						
05	WALL MATERIAL	NONE DETECTED		15111 SURVEYOR BLVD.				
06	WALL MATERIAL ON TAPE & BEDDING ON SHEETROCK	NONE DETECTED						
07	2x4 CEILING PANELS	NONE DETECTED						
08	FLOOR COVERING	CHRYSOTILE 65% - BACKING	158 SF	15111 SURVEYOR BOULEVARD WOMEN'S RESTROOMS.	IN MEN'S AND			
09	WALL MATERIAL	NONE DETECTED		15113 SURVEYOR BLVD.				
10	2X4 CEILING PANELS	NONE DETECTED						
11	WALL MATERIAL ON TAPE & BEDDING ON SHEETROCK	NONE DETECTED						
12	CARPET AND 12X12 FLOOR TILE & MASTIC	NONE DETECTED						
13	WALL MATERIAL	NONE DETECTED		15115 SURVEYOR BLVD.				
14	WALL MATERIAL ON TAPE & BEDDING ON SHEETROCK	NONE DETECTED						
15	12X12 FLOOR TILE & MASTIC	NONE DETECTED						
16	2X4 CEILING PANELS	NONE DETECTED						
17	ROOF FLASHING & MATERIAL	NONE DETECTED		ALL AREAS OF ROOF.				
CONSULTANT:	EDDIE TAW - TOH LICENCE NO. 1	0-5055						
CONSULTANT.	DIANNE K. WOO - TOH LICENSE N	In 10-5054						

ETI ENVIRONMENTAL SERVICES ASBESTOS INSPECTION

CLIENT: T	1	TOWN OF ADDISON	NOISON	EII ENVIRONMENTAL SERVICES ASBESTOS INSPECTION	L SERVICES ECTION			SAMI	SAMPLE AND HAZARD ASSESSMENT) ASSESSMENT SUNHARY	
PROPERTY:	151	109 SL	15109 SURVEYOR BOULEVARD, ADDISON, TEXAS 75001	5001		INSPECTION	INSPECTION DATE(S):	NOVEMBER 14, 2001		Pg: 1 of 4	
			SAMPLE / PHOTO LOG		1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	NESH	NESHAP HAZARD A	ASSESSMENT	ESTIMATED		
SAMPLE #	d.	QI	SAMPLE DESCRIPTION	SAMPLE LOCATION	MATERIAL	CATEGORY	FRIABLE	OVERALL CONDITION	SF, LF, EA	ASSESTION TIFE & PERCENT (%)	
109s-1	۵	0.1	WALL MATERIAL	LARGE WORK ROOM - REAR WALL	SURFACE		ON	0005		NONE DETECTED	
1098-2	<u>a</u>	엉	WALL MATERIAL ON TAPE & BEDDING	LARGE WORK ROOM - FRONT CORNER	MISC		ON.	0009		NONE DETECTED	
10%-3	a.	5	WALL MATERIAL	NOMEN'S RESTROOM	SURFACE		Q	0005	- I - I - I - I - I - I - I - I - I - I	NONE DETECTED	
109s-4	a.	10	WALL MATERIAL	HALL TO RESTROOMS	SURFACE		£	0005		NOWE DETECTED	
1098-5	۵.	20	WALL MATERIAL ON TAPE & BEDDING	MEN'S RESTROOM	MISC	11	ON	0005		NONE DETECTED	
9-860t	۵	02	WALL MATERIAL ON TAPE & BEDDING	LARGE WORK ROOM - BACK CORNER	MISC	şanık Ermê	NO	0005		NONE DETECTED	
1098-7	Δ.	8	12X12 FLOOR TILE & MASTIC	2 LAYERS - RESTROOM	JS.[₩	\$seed.	O#	0005		NOME DETECTED	
109%-8	Ω.	20	12X12 FLOOR TILE & MASTIC	MOMEN'S RESTROOM	MISC		£	0005		NONE DETECTED	
1098-9	Δ.	03	12X12 FLOOR TILE & MASTIC	MEN'S RESTROOM DOOR	MISC		ON.	QOO 5		NONE DETECTED	
10%-10	۵	76	2X4 CEILING PANEL	FOYER	MISC	,g	YES	0005		NONE DETECTED	
109s-11	Δ.	70	2X4 CEILING PANEL	LARGE WORK ROOM	MISC	*****	YES	0005		NONE DETECTED	
109s-12	Ω.	50	2X4 CEILING PANEL	OFFICE	MISC	general control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of the control of th	YES	0005		NONE DETECTED	
											_
	1			4 II.				***************************************			_
<u> </u>	# G	PHOTOR BUILD1	PHOTOGRAPH TAKEN BUILDING OF HOMOGENEOUS AREA NUMBER	NESHAPS CATEGORY I = FLOORS		FRIABLE	LE = YES OR NO	R NO NN = GOOD OR POOR		ASBESTOS TYPE AMO = AMOSITE	
-	r C	TYPE OF MATERIAL	TECTAL	GASKETS PACKINGS					CRY.	= CHRYSOTILE = CROCIONITE	
	11 I	SURF	= SURFACING = TURNAL SYSTEM SHEED ATTAIN	ROOFING		ESTIM	ESTIMATED QUANTITY:	ITY:		= ACTINOLITE	
	- 3E	M SC	ELLANEOUS	11 = ASBESTOS CEMENT			- SWOARE TE - LINEAR FE		EX.	= MASTIC	
West of the second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second seco				KANSI I E	The state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the s	ŭ	= EACH		- 11	FUINI COUNTEU	_
COMSULTANT	- 1	EDDIE	TAM - TOH LICENSE NO. 10-5055	CONSU	CONSULTANT: DIA	DIANNE K. WOO	- TON LICENSE	NSE NO. 10-5056			
FILE NO: 1098-7-1	138-7	7-1								C00-007A	1

FILE NO: 1095-7-1

C00-007A

ETI ENVIRONMENTAL SERVICES
ASSESTOS INSPECTION

CLIENT: TOWN OF ADDISON

SAMPLE AND HAZARD ASSESSMENT SUNMARY

PROPERTY:	15111	11 SU	SURVEYOR BOULEVARD, ADDISON, TEXAS 75001	5001		INSPECT 10k	INSPECTION DATE(S):	NOVEMBER 14, 2001		Pg: 2 of 4
			SAMPLE / PHOTO LOG		90	NESH	NESHAP HAZARD /	ASSESSMENT	ESTIMATED	ASDECTOR TVDE
SAMPLE #	P 1	10	SAMPLE DESCRIPTION	SAMPLE LOCATION	MATERIAL	CATEGORY	FRIABLE	OVERALL CONDITION	SF, LF, EA	& PERCENT (%)
1118-1) d	05	WALL MATERIAL	LARGE WORK ROOM - LEFT SIDE	SURFACE		NO	0000		NOME DETECTED
1115-2	م	5	HALL MATERIAL	LARGE WORK ROOM - FRONT WALL	SURFACE		Ş	0005		NOWE DETECTED
1115-3	a	50	WALL MATERIAL	BACK RIGHT OFFICE	SURFACE		<u>9</u>	0009		NOME DETECTED
1115-4	4	8	WALL MATERIAL ON TAPE & BEDDING	LARGE WORK ROOM - BACK WALL	MISC	II	O.K	0000		NOME DETECTED
1118-5	۵	8	WALL MATERIAL ON TAPE & BEDDING	LARGE WORK ROOM - LEFT FRONT	MI SC	II	NO	0009		NONE DETECTED
1115-6	a	8	WALL MATERIAL ON TAPE & BEDDING	FROMT RIGHT OFFICE	MISC	11	S.	0009		NONE DETECTED
1115-7	d	20	2X4 CEILING PANEL	OFFICE HALL - RIGHT SIDE	MISC	11	YES	0005		NOME DETECTED
1115-8	ď	20	2X4 CEILING PANEL	LARGE WORK ROOM - FRONT LEFT	MISC	=	YES	0000		NOME DETECTED
1118-9	a.	20	2X4 CEILING PANEL	HOMEN'S RESTROOM	MISC	grad Balag	YES	0000		NOME DETECTED
1118-10	a.	80	FLOOR COVERING	MOMEN'S RESTROOM	NI SC	14	O#	0005	- - -	CRY 65% - BACKING
11.81	a	88	FLOOR COVERING	MOMEN'S RESTROOM	MISC	3 4	ON	0009	MOTE 1	CRY 65% - BACKING
1118-12	<u>a</u>	8	FLOOR COVERING	HOMEN'S RESTROOM	MISC	B-+B	KO	0005	NOTE 1	CRY 65% - BACKING
NOTE 1:	APPRI	OXIMA	APPROXIMATE AMOUNT OF FLOOR COVERING IN THE	MEN'S AND WOMEN'S RESTROOMS ==	158 SQUARE FEET	Π,				
										to the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of th
۵ €	11 0	HOTOG UILD!	PHOTOGRAPH TAKEN BUILDING OF HOMOGENEOUS AREA NUMBER	NESHAPS CATEGORY I = FLOORS GASKETS	8	FRIABLE	E = YES OR NO	FRIABLE = YES OR NO OVERALL CONDITION = GOOD OR POOR	ASBE AMO : CRY	ASBESTOS TYPE AMO = AMOSITE CRY = CHRYSOTILE
£	N T N T N T N T N T N T N T N T N T N T	OF MATERIAL SURFACING THERMAL S' MISCELLAN	TYPE OF MATERIAL S = SURFACING I = THERMAL SYSTEM INSULATION M = MISCELLANEOUS	PACKINGS ROOFING II = ASBESTOS CEMENT TRANSITE		ESTIMA SF = LF = EA :	ESTIMATED QUANTITY: SF = SQUARE FEET LF = LINEAR FEET EA = EACH	TITY: FEET FEET	CRO ACT MAS WAS *	= CROCIDOLITE = ACTINOLITE = TREMOLITE = MASTIC = POINT COUNTED
CONSULTANT:	1	EDDIE	TAW - TOH LICENSE NO. 10-5055	SOS	CONSULTANT: DIA	DIANNE K. WOO	- TDH LICENSE	NSE NO. 10-5056		
FILE NO: 1115-7-2	118-7	-2								COD-007A

ETI ENVIRONMENTAL SERVICES ASBESTOS INSPECTION

CLIENT: TOWN OF ADDISON

SAMPLE AND HAZARD ASSESSMENT SUMMARY

PROPERTY:	52	13 SU	15113 SURVEYOR BOULEVARD, ADDISON, TEXAS 75001	5001		INSPECT 10	INSPECTION DATE(S):	MOVEMBER 14, 2001		Pg: 3 of 4
			SAMPLE / PHOTO LOG		TVDE OF	NESH	NESHAP HAZARD A	ASSESSMENT	ESTIMATED	Ace STOS TVDE
SAMPLE #	P I	Q]	SAMPLE DESCRIPTION	SAMPLE LOCATION	MATERIAL	CATEGORY	FRIABLE	OVERALL CONDITION	SF, LF, EA	& PERCENT (%)
1138-1) d	60	WALL MATERIAL	BACK WAREHOUSE OFFICE	SURFACE		ON	0009		NOME DETECTED
1138-2	4	2	2X4 CEILING PANEL	BACK WAREHOUSE OFFICE	MISC	 	YES	0009		NOME DETECTED
1138-3	4	=	WALL MATERIAL ON TAPE & BEDDING	BACK WAREHOUSE OFFICE - CORNER	3SI _M		ОЖ	0005		NOME DETECTED
1138-4	a.	12	12x12 FLOOR TILE & MASTIC	RESTROOM FOYER	HISC	****	Q.	Q005		NOME DETECTED
1138-5	۵	12	12X12 FLOOR TILE & MASTIC	RESTROOM FOYER	MISC	***************************************	9	0009		NONE DETECTED
113s-6	α.	12	CARPET OVER 12X12 FLOOR TILE	RESTROOM FOYER	MISC	16	ON	0009		NONE DETECTED
1138-7	4	<u>1</u>	2X4 CEILING PANEL	RESTROOM	MISC	11	YES	0009		NONE DETECTED
1138-8	٦	ĮĮ.	WALL MATERIAL ON TAPE & BEDDING	RESTROOM	MI SC	2000) Brong	Ç X	0005		NONE DETECTED
1138-9	<u>а</u> .	8	WALL MATERIAL	FROMT WAREHOUSE	SURFACE		ş	0009		NOME DETECTED
1138-10	<u>م</u>	60	WALL MATERIAL	FROMT OFFICE AREA	SURFACE		Q.	0009		NONE DETECTED
1138-11	ď	-	WALL MATERIAL ON TAPE & SEDDING	FRONT OFFICE - RIGHT SIDE	SC W	==	034	0009		NONE DETECTED
1138-12	er-	10	2X4 CEILING PANEL	FRONT ENTRY AREA	MISC	11	YES	0009		MONE DETECTED
						111111111111111111111111111111111111111			a managama a managama a managama a managama a managama a managama a managama a managama a managama a managama a	
۵	4	OTO	RAPH TAKEN	NESHAPS CATEGORY		FRIABLE	F = YES OR NO	Ç.	ASBES	ASBESTOS TYPE
. =	11	ILLD1	1D = BUILDING or HOMOGENEOUS AREA NUMBER			OVERAL	L CONDITIC	OVERALL CONDITION = GOOD OR POOR	AMO	AMO = AMOSITE
F	TYPE OF MATERIAL	OF MATERIAL	ERIAL	PACKINGS				, 2 3	85	
	n — : 	TER	= SURFACING = THERMAL SYSTEM INSULATION			SF	SQUARE		- E	
		MI SCE	LLANEQUS	II = ASBESTOS CEMENT TRANSITE		<u>.</u> 8	= LINEAR PE = EACH		" \$##	= MASTIC = POINT COUNTED
CONSULTANT:		EDDIE TAN	TAW - TOH LICENSE NO. 10-5055	SMCO	CONSULTANT: DIA	DIANNE K. WOO	- TDH LICENSE NO.	NSE NO. 10-5056		
FILE NO: 1	1138-7-3	Z-3								K700-003

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ETI ENVIRONMENTAL SERVICES ASBESTOS INSPECTION

SAMPLE AND HAZARD ASSESSMENT SUMMARY

ASBESTOS INSPE

CLIENT: TOWN OF ADDISON

PROPERTY:	151	£ 8	15115 SURVEYOR BOULEVARD, ADDISON, TEXAS 75001	5001		INSPECTIO	INSPECTION DATE(S):	NOVEMBER 14, 2001		Pg: 4 of 4
			SAMPLE / PHOTO LOG		100 H	NESH	NESHAP HAZARO ASSESSMENT	ASSESSMENT	ESTIMATED	OH COH
SAMPLE #	<u>-</u>	ΩI	SAMPLE DESCRIPTION	SAMPLE LOCATION	MATERIAL	CATEGORY	FRIABLE	OVERALL CONDITION	SF.LF,EA	& PERCENT (%)
1158-1	, L	13	WALL MATERIAL	FRONT OFFICE - LEFT SIDE	SURFACE		ON	0005		NOME DETECTED
1158-2	a.	ŭ	WALL MATERIAL	MIDDLE OFFICE - RIGHT SIDE	SURFACE		2	0003		NONE DETECTED
1158-3	a.	ñ	WALL MATERIAL	BACK WAREHOUSE OFFICE	SURFACE		S.	0005		NONE DETECTED
1158-4	a.	7.	WALL MATERIAL ON TAPE & BEDDING	MEDDLE OFFICE - RIGHT SIDE	MISC	p	O _X	0009		NOWE DETECTED
1158-5	a.	ħ	WALL MATERIAL	REAR WAREHOUSE OFFICE - LEFT	SURFACE		웆	0003		NOME DETECTED
1158-6	o.	3 5	WALL MATERIAL ON TAPE & BEDDING	OPEN WORK AREA -BACK LEFT CORNER	SIM		ON.	0005		NONE DETECTED
1158-7	Ω.	14	WALL MATERIAL ON TAPE & BEDDING	OPEN WORK AREA - FRONT WALL	MISC	11	ON	. 0005		NONE DETECTED
1155-8	a.	13	WALL MATERIAL	WALL IN FRONT OPEN WORK AREA	SURFACE		9	0009		NONE DETECTED
1155-9	n.	5	CARPET MASTIC OVER 12X12 FLOOR T	BACK WAREHOUSE OFFICE	MISC	9	9	0000		NONE DETECTED
1158-10	۵	5	12X12 FLOOR TILE & MASTIC	MIDOLE OFFICE AREA - LEFT SIDE	MISC	9 ⊷• 4	9	0003		NONE DETECTED
1158-11	<u>م</u>	15	12X12 FLOOR TILE & MASTIC	BREAK ROOM	MISC	1	O _N	0000		NOWE DETECTED
1158-12	ď	16	2x4 CEILING PANEL	BACK WAREHOUSE OFFICE	MISC	hu-d bund	YES	0000		NONE DETECTED
1155-13	or A	16	2X4 CEILING PANEL	OPEN WORK AREA - BACK SIDE	HI SC	11	YES	3000		NONE DETECTED
1158-14	a.	16	2X4 CEILING PANEL	HOMEN'S RESTROOM	MISC	<u></u>	YES	0009		NOME DETECTED
1158-15	۵	14	TAPE & BEDDING ON SHEETROCK	WAREHOUSE - LEFT SIDE WALL	OSIM	=	QN	0009		NOME DETECTED
1158-16	٩	17	ROOF FLASHING MATERIAL	FROMT OVER 15109	MISC	Avenig	NO	0000		NOME DETECTED
1158-17	Q.	7	RODFING MATERIAL	MIDDLE AREA OVER 15115	MI SC	g ej	ON.	G00 5		NOME DETECTED
1158-18	d	17	ROOF FLASHING MATERIAL	AREA OVER 15115	MISC	1	ON.	0000	THE RESERVE THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF TH	NOWE DETECTED
â.e	± 5	#0T0# UILD1	PHOTOGRAPH TAKEN BUILDING OF HOMOGENEOUS AREA NUMBER	NESHAPS CATEGORY 1 = FLOGRS GASKETS		FRIABLE	LE = YES OR NO	R NO ON = GODD OR POOR	ASBE AMO : CRY	ASBESTOS TYPE ANO = AMOSITE CRY = CHRYSOTILE
>- 	E 0 + ±	SURFA SURFA THERM	TYPE OF MATERIAL S = SURFACING T = THERMAL SYSTEM INSULATION M = MISCELLANEOUS	PACKINGS ROOFING 11 = ASBESTOS CEMENT TRANSITE		SF SF CALL	ESTIMATED QUANTITY: SF = SQUARE FEET LF = LINEAR FEET EA = EACH	II 177: FEET FEET	ACT TRM TRM *	= CROCIDOLITE = ACTINOLITE = TREMOLITE = MASTIC = POINT COUNTED
CONSULTANT:		EDDIE TAH	TAM - TOH LICENSE NO. 10-5055	COMSULTANT:		DIANNE K. MOO	- TOH LICENSE	NSE NO. 10-5056		
ET E NO.	1156-7-6	77.7								4500 003

FILE NO: 1158-7-4

COD-007A

SELECTIVE ACM PHOTOGRAPHIC DOCUMENTATION 15109-15115 SURVEYOR BOULEVARD, ADDISON, TEXAS 75001



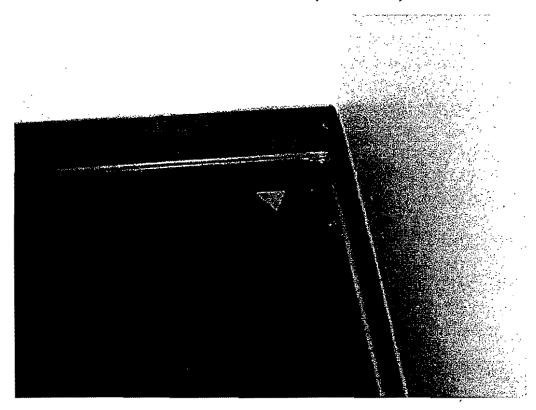
Front view of 15109-15115 Surveyor Boulevard.



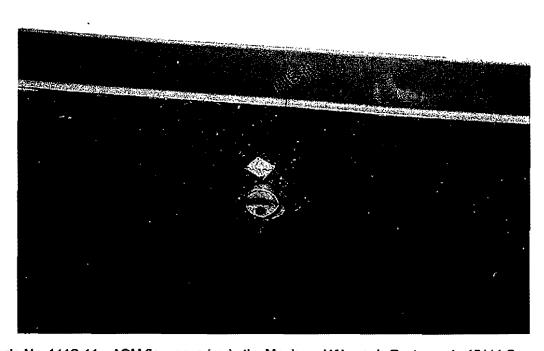
View of rear of building.

Page 1

SELECTIVE ACM PHOTOGRAPHIC DOCUMENTATION 15109-15115 SURVEYOR BOULEVARD, ADDISON, TEXAS 75001



Sample No. 111S-10—ACM floor covering in the Men's and Women's Restroom in 15111 Surveyor.



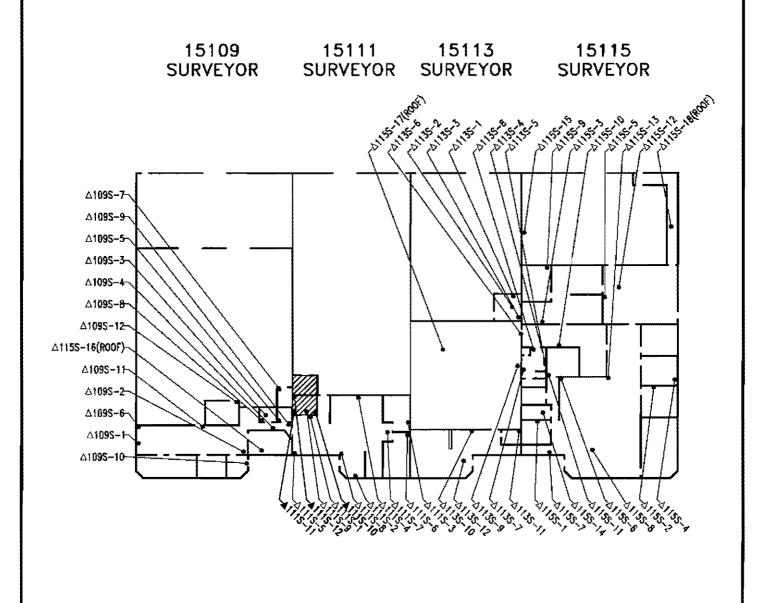
Sample No. 111S-11—ACM floor covering in the Men's and Women's Restroom in 15111 Surveyor.

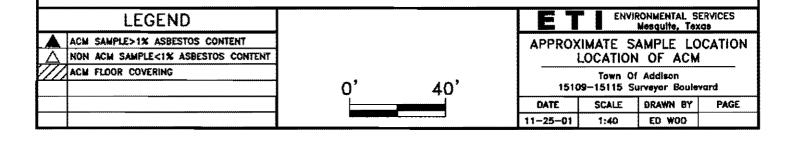
3

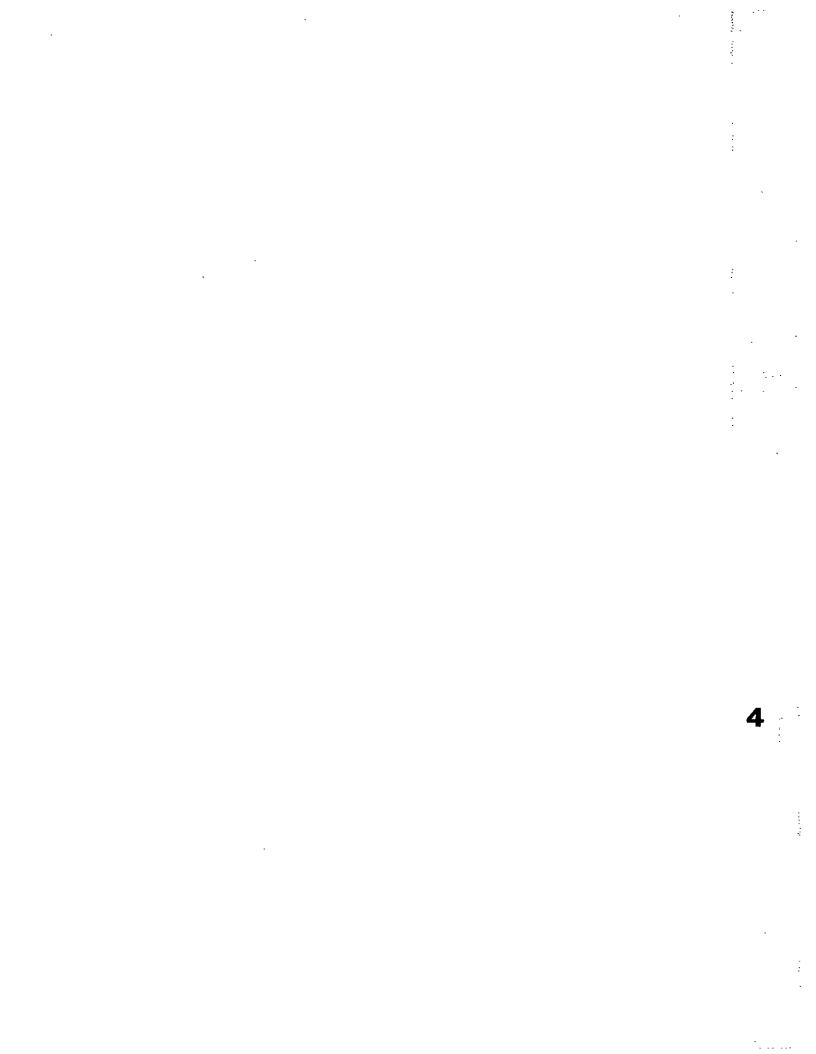
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PLM REPORT

Steve Moody Micro Services, Inc. 1510 Randolph, Suite 602 Carrollton, Texas 75006 (972) 446-9482 NVLAP Lab No. 102056 TDH License No. 30-0084 PAT ID# 102577

Client:

ETI Environmental Services

Lab Job No.: x1B-12298

Project:

15109 Surveyor Blvd.

Report Date: 11/16/2001

Project #:

Not Provided

Sample Date: 11/14/2001

Identification: Asbestos, Bulk Sample Analysis

Test Method: Polarized Light Microscopy / Dispersion Staining (PLM/DS)

EPA Method 40 CFR, Ch. 1, Pt. 763, Subpt. F, App. A

Page 1 of 2

On 11/16/01, twelve (12) bulk material samples were submitted by Eddie Taw of ETI Environmental Services for asbestos analysis by PLM/DS. Copies of the lab data sheets are attached; additional information may be found therein. The results are summarized below:

ample Number	Client Sample Description / Location	Asbestos Content
109\$-1	Wall Material	None Detected - Drywall Material None Detected - Paint
1098-2	Wall Material on Tape and Bedding Material on Sheetrock	None Detected - Drywall Material None Detected - DW Paper Facing None Detected - Glass Fiber Mesh None Detected - Joint Compound None Detected - Texture
109\$-3	Wall Material, Women's Rest Room	None Detected - Drywall Material None Detected - Textured Paint
1098-4	Wall Material	None Detected - Drywall Material None Detected - Textured Paint
109\$-5	Wall Material on Tape and Bedding Material on Sheetrock, Men's Rest Room	None Detected - Drywall Material None Detected - DW Paper Facing None Detected - Glass Fiber Mesh None Detected - Joint Compound None Detected - Textured Paint
1098-6	Wall Material on Tape and Bedding Material on Sheetrock	None Detected - Drywall Material None Detected - DW Paper Facing None Detected - Glass Fiber Mesh None Detected - Joint Compound None Detected - Texture
109S-7	12" x 12" Floor Tile with Yellow Glue over 12" x 12" Floor Tile with Yellow Glue	None Detected - Top Tile None Detected - Yellow Mastic None Detected - Bottom Tile None Detected - Yellow Mastic
1095-8	12" x 12" Floor Tile with Yellow Glue, Women's Rest Room	None Detected - Floor Tile None Detected - Yellow Mastic

PLM REPORT

Steve Moody Micro Services, Inc. 1510 Randolph, Suite 602

Carrollton, Texas 75006 (972) 446-9482

NVLAP Lab No. 102056 TDH License No. 30-0084

PAT ID # 102577

Client:

ETI Environmental Services

Lab Job No.: x1B-12298

Project:

15109 Surveyor Blvd.

Report Date: 11/16/2001

Project #: **Not Provided**

Sample Date: 11/14/2001

Identification: Asbestos, Bulk Sample Analysis

Test Method: Polarized Light Microscopy / Dispersion Staining (PLM/DS)

EPA Method 40 CFR, Ch. 1, Pt. 763, Subpt. F, App. A

Page 2 of 2

On 11/16/01, twelve (12) bulk material samples were submitted by Eddie Taw of ETI Environmental Services for asbestos analysis by PLM/DS. Copies of the lab data sheets are attached; additional information may be found therein. The results are summarized below:

Sample Number	Client Sample Description / Location	Asbestos Content
1098-9	12" x 12" Floor Tile with Yellow Glue, at Men's Rest Room Door	None Detected - Floor Tile None Detected - Yellow Mastic
109S-10	2' x 4' Ceiling Panel, Foyer	None Detected - Cailing Tile
1098-11	2' x 4' Ceiling Panel	None Detected - Ceiling Tile
109S-12	2' x 4' Ceiling Panel, Office	None Detected - Ceiling Tile
10 9 S-8	QC Sample	None Detected-Floor Tile None Detected-Yellow Mastic

These samples were analyzed by layers. Quantification, unless otherwise noted, is performed by visual estimate. Results may not be reproduced except in full. This test report relates only to the samples tested. These test results do not imply endorsement by NVLAP or any agency of the U.S. Government.

Accredited by the National Voluntary Laboratory Accreditation Program for Bulk Asbestos Fiber Analysis under Lab Code 102056.

Analyst:

Steve Moody

Lab Director: Steve Moody

Approved Signatory:

Thank you for choosing Steve Moody Micro Services

Steve Moody Micro Services, Inc. **Bulk Asbestos Analysis Sheet** EPA Method 40 CFR, Ch. 1, Pt. 763, Subpt. F, App. A TDH License No. 30-0084 NVLAP Lab No. 102056 Client: **ETI Environmental Services** 15109 Surveyor Blvd. Project: Project #: **Not Provided** Lab Job#: x1B-12298 Sample #: 109S-1 Wall Material Client Sample Description: Page 1 of 1 Layer I Drywall Material Stereoscopic Exam Homogeneous? % Fibrous % Asbestos % of Sample Color Texture White Biocky YES QM PLM Examination Parailel Perpendicular Extinction Sign of Morphology Components % / Pleochroism Ref. Index Ref. Index Biref Elongation Angle Glass Wool Fibers Rods 0 Cellulose Fibers ribbons high Gypsum / Binders 96 Non-fibrous Prep/treatment: mechanical separation Asbestos Content: None Detected Layer 2 DW Paper Facing Stereoscopic Exam Homogeneous? % Fibrous % Asbestos % of Sample Color Texture 30 Tan **Fibrous** YES 100 ND PLM Examination Perpendicular Extinction Sign of Color Parallel Biref Components Morphology / Picochroism Ref. Index Ref. Index Angle Elongation Cellulose Fibers 100 ribbons high Prep/treatment: mechanical seperation Asbestos Content: None Detected Layer 3 Paint Stereoscopic Exam Homogeneous? % Fibrous % Asbestos % of Sample Color Textune Off-White Rubbery NO 30 PLM Examination Color Parallel Perpendicular Extinction Sign of Ref. Index Elongation Components Morphology / Pleochroism Ref. Index Birei Angle Pigment / Binders 100 Non-fibrous Prep/treatment : heat / melt Asbestos Content: None Detected Comments: **Steve Moody** Analyst: 11/16/01 Date Analyzed:

Lab Job#: x1B-12298 | Sample #: 109S-1

	Moody Micro Services, In cose No. 30-0084	K.		Bulk As EPA Method 40 CF	bestos Ar R, Ch. I, P	-				NVLAP Lat	No. 102056
Client :	ETI Environmen	ntal S	ervi	ces							
Project	: 15109 Surveyor	r Blv	i.								
Project	#: Not Provided			Lab Job#: x1B-1	2298	Sample	#: 1095-2				
Client S	Sample Description: W	ali M	ateri	al on Tape and Be	dding M	aterial c	n Sheetrock			Pag	ye 1 of 2
Layer	Drywall Material			Sterenscopic Ex	am						
				Colo			Texture	Homogeneous		**********************	
	PLM Examination			Wisk	a	<u> </u>	Blocky	YES	<u> </u>	ND ND	86
	Components	%	+/-	Morphology		lor broism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elougation
	Glass Wool Fibers	1 2		Rods					0	1246.5	
	Cellulose Fibers	1		ribbons					high		İ
	Gypsum / Binders	96		Non-fibrous							No. House
Layer	Prep/treatment : mechanical 2 DW Paper Facing	sepa	ration — -	Stereoscopic Ex	<u> </u>	As	bestos Content:		Marchel essents Sales		
				Color			Texture	Homogeneous			
	PLM Exemination			Tan	<u> </u>	<u> </u> 1	Fibrous	YES	100	ND	5
	CTALEXNUMENTATION	T	ГТ		Co	for	Parallel	Perpendicular		Extinction	Sign of
	Components	9%	+/-	Marphology		hroism	Ref. Index	Ref. Index	Birei	Angle	Elongation
	Cellulose Fibers	100		ribbons					high		
Layer	3 Glass Fiber Mesh			Stereoscopic Exa Color White	r		Texture Fibrous	Homogeneous'	? % Fibro:	ıs % Asbestos	% of Sample
j	PLM Examination										
	Components Glass Wool Fibers	% 190	+ <i>f_</i>	Morphology Rods	Co / Pleoc	lor hroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref 0	Extinction Angle	Sign of Elongation
•	Prep/treatment : mechanical		L			Asl	bestos Content :	None Detec	L	·······	
		Page 1		··				HHHHH Abayers turner was		ur 2000 30000 00000	
Layer	4 Joint Compound			Stereoscopic Exa Color			Texture	Homogeneous	Oct Eibon	w W. Achertoc	alaura23a X
1	PLM Examination			White			Elocky	YES	ND	ND ND	3
	Components	84	+/	Morphology	Co / Pleas	lor hroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
	Calcite / Talc / Binders	100		Non-Fibrous	/ A DVAN	**********	TOL DIGUE	FUPL, INCLUS	- Date:	THEOLO	12:00:00
	Prep/treatment : mechanical	sepa	ation			Asi	bestos Content :	None Detec	ited		
Comm	ents :						Analyst : Date Analyze	Steve Mod d: 11/1 x1B-12298	6/01	/N~	

} :

Bulk Asbestos Analysis Sheet

TDH License No. 30-0084

EPA Method 40 CFR, Ch. 1, Pt. 763, Subpt. F, App. A

NVLAP Lab No. 102056

Client:

ETI Environmental Services

Project:

15109 Surveyor Blvd.

Project#:

Not Provided

Lab Job#: x1B-12298

Sample #: 109S-2

Client Sample Description:

Wall Material on Tape and Bedding Material on Sheetrock

Page 2 of 2

Layer 5 Texture

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample	A.M.M.
White	Blocky	YES	ND	ND	3	l

PLM Examination

										- 1
		Π		Color	Parallel	Perpendicular		Extinction	Sign of	İ
Components	%	+/	Morphology	/ Pleochroism	Ref. Index	Ref. Index	Biref	Angle	Elongation	1
Calcite / Talc / Binders	100		Non-Fibrous				**			ı

Prep/treatment: mechanical separation

Asbestos Content: None Detected

Comments:

Steve Moody Analyst:

11/16/01

Date Analyzed:

Lab Job#: x1B-12298 | Sample #: 109S-2

	Moody Micro Services, In icense No. 30-0084	IC.			bestos Analysis S FR, Ch. I, Pt. 763, St				NVLAP La	No. 102056
Client	: ETI Environme	ntal S	ierv		•					
Projec	t: 15109 Surveyo	r Bly	1.							
Projec	t#: Not Provided			Lab Job#: x1B-1	2298 Sample	# : 109S-3				
Client	Sample Description: W	/all M	ateı	ial, Women's Resi	Room				Pa	ge 1 of 1
Layer	I Drywall Material			Stereoscopic Ex	:em					Accumination
				Colo Whit		Texture Blocky	Homogeneous YES	7 % Fibro 2	ND	% of Sample 70
	PLM Examination	1	1		Coler	Parallet	Perpendicular		Extinction	Sign of
	Components Glass Wool Fibers	%	+/-	Morphology Rods	/ Pleochroism	Ref. Index	Ref. Index	Biref O	Angle	Elongation
	Cellulose Fibers Gypsum / Binders	96		ribbons Non-fibrous				high		
	Prep/treatment : mechanical				A.	bestos Content :	None Dete	cted		
L					WOOC 20000 ANNA 30007					
Layer	2 DW Paper Facing			Stereoscopic Ex		<u></u>	1	201 201		h. co
				Colo Tar	·	Texture Fibrous	Homogeneous YES	7 % Fibro	ND	% of Sample 20
	PLM Examination	Т	l		Color	Parallel	Perpendicular		Extinction	Sign of
	Components Cellulose Fibers	% 100	+/-	Morphology ribbons	/ Pleochroism	Ref. Index	Ref. Index	Biref high	Angle	Elongation
	Prep/treatment : mechanical	sene	catio	n	A.	bestos Content:	None Dete			
			_		THE THREE THE PARTY THREE TO SERVE	come solver seems some			MARK MARK MARK	
Layer	3 Textured Paint			Stereoscopic Ex						
				Colo Off-Wi		Texture Rubbery	Homogeneous YES	27% Film	ND ND	% of Sample
	PLM Examination	7		•	Color	Parelici	Perpendicular		Extinction	Sign of
	Components Perlite	% 10	4/-	Morphology Glass Foam	/ Pleochroism	Ref. Index	Ref. Index	Bitef 0	Angle	Elongation
	Pigment / Binders	90		Non-fibrous						
	Prep/treatment : heat / melt				As	bestos Content :	None Dete	cted		

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										HILLIAN PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPERTY OF THE PROPER
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Comn	nents :					Analyst : Date Analyze	Steve Mod	ody 16/01	M	

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	Moody Micro Services, Ii icense No. 30-0084	nc. 		Bulk A EPA Method 40 C	sbestos Ar CFR, Ch. 1, P					NVLAP Lai	No. 102056
Client	: ETI Environme	ntai S	erv	ices							
Project	t: 15109 Surveyo	r Blv	d.								
Project	t#: Not Provided			Lab Job#: x1B-	12298	Sample	# : 109S-4				
Client	Sample Description: W	/ali M	ater	ial						Pa	ge 1 of 1
Layer	1 Drywall Material			Stereoscopic E	xam						
				Col			l'exture			us % Asbestos	
	PLM Examination			Wh	lite		Blocky	YES	2	ND	70
	Components	%	+/-	Morphology	Co / Pleoc	lor tiroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
	Glass Wool Fibers	2	_	Rods					0		
	Cellulose Fibers	2		ribbons					high		
	Gypsum / Binders	96	•	Non-fibrous							
	Prep/treatment : mechanical	sepa	ratio —	n 		Ast — — —	oestos Content :	None Dete	cted — — ·		
Layer	2 DW Paper Facing			Stereoscopic E							
				Col			Texture Throus	Homogeneous		us % Asbestos	% of Sample 20
	PLM Examination			Та	<u>un</u>	F	IDIOUS	153	100	ND	20
			l "		Co	lor	Parailel	Perpendicular		Extinction	Sign of
	Components	%	+/-	Morphology	/ Pieco	hroism	Ref. Index	Ref. Index	Biref	Angle	Elongation
	Cellulose Fibers	100		ribbons			<u> </u>		hìgh		
Layer				Stereoscopic E Col Off-W	or		Cexture Subbery	Homogeneous YES	?% Fibro	us % Asbestos ND	% of Sample 10
	PLM Examination			_	_		T =				
		%	+/-		Co /Pleoc		Parallel	Perpendicular	Biref	Extinction	Sign of
I .	Components			Morphology	1 2 2 2 2 2	· ·	Ref. Index	Ref. Index		Angle	Elongation
	Perlite	10		Glass Foam	111100	enoixi.	Ref. Index	Ref. Index	0	Angle	Elongation
							Ref. Index		0	Angle	Elongation
	Perlite Pigment / Binders	10		Glass Foam					0	Angle	Elongation
	Perlite Pigment / Binders	10		Glass Foam					0	Angle	Elongation
	Perlite Pigment / Binders	10		Glass Foam					0	Angle	Elongation
	Perlite Pigment / Binders	10		Glass Foam					0	Angle	Elongation
	Perlite Pigment / Binders	10		Glass Foam					0	Angle	Elongation
	Perlite Pigment / Binders	10		Glass Foam					0	Angle	Elongation
	Perlite Pigment / Binders	10		Glass Foam					0	Angle	Elongation
	Perlite Pigment / Binders	10		Glass Foam					0	Angle	Elongation
Сотт	Perlite Pigment / Binders Prep/treatment : heat / melt	10		Glass Foam					0 cted		Elongation
Сотт	Perlite Pigment / Binders Prep/treatment : heat / melt	10		Glass Foam			Analyst: Date Analyze	None Dete	0 cted 	sa	

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	Moody Micro Services, I	Inc.			bestos Analysis S R, Ch. I, Pt. 763, Su				NVLAP Lat	No. 102056
Client	: ETI Environm	ental S	ervic:							
Project	t: 15109 Surveyo	or Blvd	d.							
Project	t#: Not Provided			Lab Job#: x1B-1	2298 Sample	# : 109S-5				
Client				il on Tape and Be Room	dding Material o	n Sheetrock	9	***************************************	Pag	ge 1 of 2
Layer	1 Drywall Material			Stereoscopic Ex	am			•		
				Color	~~~~~~	Texture	Homogeneous			
	PLM Examination			Whit	<u> </u>	Blocky	YES	<u> 2</u>	ND	84
	LASI LAGISTIMICETS	T	T		Color	Parallel	Perpendicular		Extinction	Sign of
	Components	%	4/-	Morphology	/ Pleochroism	Ref. Index	Ref. Index	Biref	Angle	Elongation
	Glass Wool Fibers	2		Rods				0		
	Cellulose Fibers	2		enoddin		_		high		
	Gypsum / Binders	96	1	Non-fibrous			<u> </u>			
Layer	Prep/treatment : mechanica : 2 DW Paper Facing	· ·		Stereoscopic Ex		bestos Content :	MANC HIMC HOUSE WALLY		- Ave mm. mm.	****
				Color		<u> Fexture</u>	Homogeneous			
	D1 3 6 F			Tan	<u> </u>	Fibrous	YES	100	DM	5
	PLM Examination	1	ПТ		Соют	Parallel	Perpendicular	Т	Extinction	Sign of
	Components	%	+/-	Morphology	/ Pleochroism	Ref. Index	Ref. Index	Biref	Angle	Elongation
	Collulose Fibers	100		ribbons	****			high		
Layer		ı		Stereoscopic Ext Color White		Texture Ibrous	Homogeneous NO	? % Fibror 100	is % Asbestos ND	% of Sample 5
ı	PLM Examination	7	TT		Color	Paralici	Perpendicular	1	Extinction	Sign of
	Components Glass Wool Fibers	% 100	+/-	Morphology Rods	/ Přeochroism	Ref. Index	Ref. Index	Biref 0	Angle	Elongation
	Prep/treatment : mechanica	ıl sepa	ration		As	estos Content:	None Detec	:ted		
						shook 'nour shirts'			·	
*	4 Joint Compound			Ptersonania Vier						
LAYEN	* some compound			Stereoscopic Exa Color		Exture	Homogeneous	2 % Fibros	c & Acheerne	% of Sample
				White		Blocky	YES	ND	ND	3
	PLM Examination			\$61111100 y			******			
					Color	Parallel	Perpendicular		Extinction	Sign of
	Components Calcite / Talc / Binders	100	+/-	Morphology Non-Fibrous	/ Pleochroism	Ref. Index	Ref. Index	Biref	Angle	Elongation
	Calcius (take) Disturbs		<u> </u>	PROCEST IEST CROSS						
	Prep/trestment : mechanica	si sepa	ration		Asi	estos Content :	None Detec	ted 		
	Prep/treatment : mechanica	aisepa —	ration — —	· <u> </u>	Asi	oestos Content :	None Detec	cted 		
Сопи	Prep/treatment : mechanica	– —	ration		Asi	Analyst: Date Analyze	Steve Mod		M	
Сови		al sepa	ration — —		Asi	Anatyst: Date Analyze	Steve Mod	ody 16/01	N-	

Bulk Asbestos Analysis Sheet

TDH License No. 30-0084

EPA Method 40 CFR, Ch. I, Pt. 763, Subpt. F, App. A

NVLAP Lab No. 102056

Client:

ETI Environmental Services

Project:

15109 Surveyor Blvd.

Project#:

Not Provided

Lab Job#: x1B-12298

Sample #: 109S-5

Client Sample Description:

Wall Material on Tape and Bedding Material on Sheetrock, Men's Rest Room

Page 2 of 2

Layer 5 Textured Paint

Stcreoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Off-White	Rubbery	YES	ND	ND	3

PLM Examination

2 CO. 1 Abuser (1914)									
				Color	Parallel	Perpendicular		Extinction	Sign of
Components	%	+/-	Morphology	/ Pleochroism	Ref. Index	Ref. index	Biref	Angle	Elongation
Perlite	10		Glass Foam				0		
Pigment / Binders	90		Non-fibrous						

Prep/treatment: heat / melt

Asbestos Content: None Detected

Analyst: Steve Moody Comments: m Date Analyzed: 11/16/01 Lab Joh#: x1B-12298 | Sample #: 109S-5

TDH L	Moody Micro Services, I icense No. 30-0084	nc.			bestos Analysis S FR, Ch. 1, Pt. 763, Su				NVLAP Lat	No. 102056
Client	: ETI Environme	ental S	servi	ces						
Projec	t: 15109 Surveyo	r Blv	d.							
Projec	t#: Not Provided			Lab Job#: x1B-1	12298 Sample	# : 109S-6				
Client	Sample Description: V	Vall M	ateri	al on Tape and Bo	edding Material (n Sheetrock	T	***************************************	Pa	ge 1 of 2
Layer	1 Drywall Material			Stereoscopic Ex				A	<u> </u>	
				Colo Whi		Texture Blocky	Homogeneous	7 % Fibro	us % Asbestos ND	% of Sample 79
	PLM Examination			7 7 7 7 1 1 1	<u> </u>	Divery	123	<u> </u>	_1 <u>av</u>	
	Compounts	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendienlar Ref. Index	Biref	Extinction Angle	Sign of Elongation
	Glass Wool Fibers	1 2		Rods				0		
	Cellulose Fibers	1	·	ribbons				high		
	Gypsum / Binders	90		Non-fibrous	<u></u>	<u> </u>				<u> </u>
Layer	Prep/treatment: mechanical	i sepa	ration — —	Stereoscopic Ex	Therefore against annual and annual and annual and annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual annual	bestos Content :	None Dete	eted — — —	1884 1884AA 1785AA 1864AA	
				Colo	x	Texture	Homogeneous	? % Fibro	as % Asbest os	% of Sample
				Tau	•	Fibrous	YES	100	ND	5
	PLM Examination					7	I W		T	T 68
	Components	%	+/-	Morphology	Color / Picochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
	Cellulose Fibers	100		ribbons	/ I POSTANOUSKIE		TOLL HITTER	high	nige	LIVIII
Layer	3 Glass Fiber Mesh			Sterenscopie Ex Colo	ч	Texture	Homogeneous NO		rs % Asbestos ND	%.of Sample 3
	PLM Examination			Whit	DB	Fibrous	RU	100	עא	3
	AATA ENGILLI BAILOI									
				70111	Color	Parallel	Pemendicular		Extinction	Sign of
	Compenents	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Bircf	Extinction Angle	Sign of Elongation
	Compenents Glass Wool Fibers	% 100		Morphology Rods				Biref 0		
man apagapa sy		100	III.	Rods	/ Pleochroism		Ref Index	0		
– – - Layer	Glass Wool Fibers Prep/treatment : mechanical	100	III.	Rods	/ Pieochroism	Ref. Index	Ref Index	0		
Layer	Glass Wool Fibers Prep/treatment: mechanical	100	III.	Rods Stereoscopic Ex	/ Pleochroism As	Ref. Index	None Detection	oted	Angle	Elongation % of Sample
– – - Layer	Glass Wool Fibers Prep/treatment : mechanical 4 Joint Compound	100	III.	Rods Stereoscopic Ex	/ Pleochroism As	Ref. Index	None Dete	o ted	Angle	Elongation
Layer	Glass Wool Fibers Prep/treatment: mechanical	100	III.	Sternoscopic Ex Colo Whit	/ Pleochroism As	Ref. Index	None Detection	oted	Angle	Elongation % of Sample
Layer	Glass Wool Fibers Prep/treatment : mechanical 4 Joint Compound PLM Examination	100	ration	Rods Stereoscopic Ex	/ Pleochroism As am r te Color	Ref. Index bestos Content : Texture Blocky Parallel	None Determined Homogeneous YES Perpendicular	6 cted	Angle s % Asbestos ND Extinction	% of Sample
Layer	Glass Wool Fibers Prep/treatment : mechanical 4 Joint Compound PLM Examination Components	100 sepa 	ration	Stereoscopic Ex Colo Whit Morphology Non-Fibrous	/ Pleochroism As As Color / Pleochroism	Ref. Index bestos Content : Texture Blocky Parallel	None Detection Homogeneous YES Perpendicular Ref. Index	o ted	Angle s % Asbestos ND Extinction	% of Sample
Layer	Glass Wool Fibers Prep/treatment : mechanical 4 Joint Compound PLM Examination Components Calcite / Talc / Binders	100 sepa 	ration	Stereoscopic Ex Colo Whit Morphology Non-Fibrous	/ Pleochroism As As Color / Pleochroism	Ref. Index bestos Content : Texture Blocky Parallel Ref. Index	None Detection Homogeneous YES Perpendicular Ref. Index	o ted	Angle s % Asbestos ND Extinction	% of Sample
Layer	Glass Wool Fibers Prep/treatment : mechanical 4 Joint Compound PLM Examination Components Calcite / Talc / Binders	100 sepa 	ration	Stereoscopic Ex Colo Whit Morphology Non-Fibrous	/ Pleochroism As As Color / Pleochroism	Ref. Index bestos Content : Texture Blocky Parallel Ref. Index	None Detection Homogeneous YES Perpendicular Ref. Index	o ted	Angle s % Asbestos ND Extinction	% of Sample
Layer	Glass Wool Fibers Prep/treatment : mechanical 4 Joint Compound PLM Examination Components Calcite / Talc / Binders	100 sepa 	ration	Stereoscopic Ex Colo Whit Morphology Non-Fibrous	/ Pleochroism As As Color / Pleochroism	Ref. Index bestos Content : Texture Blocky Parallel Ref. Index	None Detection Homogeneous YES Perpendicular Ref. Index	o ted	Angle s % Asbestos ND Extinction	% of Sample
-	Glass Wool Fibers Prep/treatment : mechanical 4 Joint Compound PLM Examination Components Calcite / Talc / Binders	100 sepa 	ration	Stereoscopic Ex Colo Whit Morphology Non-Fibrous	/ Pleochroism As As Color / Pleochroism	Ref. Index bestos Content : Texture Blocky Parallel Ref. Index	None Determined Money Perpendicular Ref. Index None Determined Money Determined Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Money Mon	7 % Fibror ND Biref	Angle s % Asbestos ND Extinction	% of Sample

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Steve Moody Micro Services, Inc. **Bulk Asbestos Analysis Sheet** TDH License No. 30-0084 NVLAP Lab No. 102056 EPA Method 40 CFR, Ch. 1, Pt. 763, Subpt. F, App. A Client: **ETI Environmental Services** 15109 Surveyor Blvd. Project: Project #: **Not Provided** Lab Job#: x1B-12298 Sample #: 109S-6 Client Sample Description: Wall Material on Tape and Bedding Material on Sheetrock Page 2 of 2 Layer 5 Texture Stereoscopic Exam Color Texture Homogeneous? % Fibrous % Asbestos % of Sample YES ND White Blocky ND PLM Examination Parallel Perpendicular Color Extinction Sign of Elongation % / Pleochroism Ref. Index Ref. Index Bircf Angle Companents +/-Morphology Calcite / Talc / Binders 100 Non-Fibrous Prep/treatment: mechanical separation Asbestos Content: None Detected

Comments:

Analyst: **Steve Moody**

Date Analyzed:

11/16/01

M

Lab Job#: x1B-12298 | Sample #: 109S-6

	Moody Micro Services, I icense No. 30-0084	vc.		Bulk As EPA Method 40 CF	bestos An R, Ch. I, P					NVLAP Lat	No. 102056
Client	: ETI Environme	ntal S	ervi	æs							
Project	: 15109 Surveyo	r Bivo	l								
Project	#: Not Provided			Lab Job#: x1B-1	2298	Sample	# : 109S-7				
Client				oor Tile with Yello 12" Floor Tile with		ilue				Pa	ge 1 of 1
Layer	1 Top Tile			Stereoscopic Ex	æn					, , , , , , , , , , , , , , , , , , ,	
				Colo		7	Texture	Homogeneous			
	PLM Examination			Light 1	lan	*****	Hard	YES	ND	ND	49
	C				Col	•	Parallei	Perpendicular	**************************************	Extinction	Sign of
	Components Calcite / Vinyl Binders	100		Morphology Non-fibrous	/ Pleoci	HOISIN	Ref. Index	Ref. Index	Biref hìgh	Angle	Elongation
	Prep/treatment : heat / melt					Ast	essos Content :	None Detec	ted		
···											
Layer	2 Yellow Mastic			Stereoscopic Ex							
				Cela Yello	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		Extene ubberv	Homogeneous'	7 % Fibro	is % Asbestos ND	% of Sample
	PLM Exemination			1 510	***		anner i T	165	L AD	<u></u>	
		0.			Col		Paraliel	Perpendicular	m2	Extinction	Sign of
	Components Glue Binders	100	17/	Morphology Non-fibrous	/ Pleuci	noezn	Ref. Index	Ref. Index	Biref	Angle	Elongation
	Prep/treatment : heat / melt.					Ast	estos Content :	None Detec	ted		
											
Layer	3 Bottom Tile			Stereoscopic Ex	am						
-				Colo		1	Texture	Homogeneous'			
	PLM Examination			OR-WI	Off-White Hard		YES	ND	ND	49	
					Col		Parallel	Perpendicular		Extinction	Sign of
	Components Calcite / Vinyl Binders	100	+3	Morphology Non-fibrous	/ Pleoc	uoism	Ref. Index	Ref. Index	Biref high	Angle	Elongation
			LL								
	Prep/treatment : heat / melt				ry	Ast 	estos Content :	None Detec	nted 		
Layer	4 Yellow Mastic			Stereoscopic Ex	DUTA.						
				Colo		7	[exture	Homogeneous'	% Fibro	s % Asbestos	% of Sample
	PLM Examination			Yello	₩	R	ubbery	YES	ND	ND	1
	FLIST CAMULUMIAN				Col	OK.	Parallel	Perpendicular		Extinction	Sign of
	Components	% 100	+/-	Morphology	/ Plead	roism	Ref. Index	Ref. Index	Bircf	Angle	Elongation
	Glue Binders	100	L	Non-fibrous			<u></u>	<u></u>	<u>t</u>		<u> </u>
	Prep/treatment : heat / melt					Asb	estos Content:	None Detec	ted:		
			-								
											I
Coms	nents:					W 1000	Analyst : Date Analyze	Steve Mod al: 11/1	xdy 16/01	m	<i></i>
						f	Lab Job# :	x1B-12298	Sampl	e#: 109S	-7

Steve Moody Micro Services, Inc. **Bulk Asbestos Analysis Sheet** TDH License No. 30-0084 EPA Method 40 CFR, Ch. 1, Pt. 763, Subpt. F, App. A NVLAP Lab No. 102056 Client: **ETI Environmental Services** Project: 15109 Surveyor Blvd. **Not Provided** Project #: Lab Job#: x1B-12298 Sample #: 109S-8 Client Sample Description: 12" x 12" Floor Tile with Yellow Glue, Wamen's Rest Room Page 1 of 1 Layer | Floor Tile Stereoscopic Exam Color Texture Homogeneous? % Fibrous % Asbestos % of Sample Off-White ND Hard YES ND PLM Examination Color Parallel Perpendicular Extinction Sign of Bircf % / Pleochroism Ref. Index Ref. ludex Components +/. Morphology Angle Elongation Calcite / Vinyl Binders 100 Non-fibrous high Asbestos Content: None Detected Prep/irealment : heat / melt Layer 2 Yellow Mastic Stereoscopic Exam Homogeneous? % Fibrous % Asbestos % of Sample Color Texture Yellow Rubbery YES ND NĐ PLM Examination Color Paralici Perpendicular Extinction Sign of Components % Morphology / Pleochroism Ref. Index Ref. Index Biref Angle Elongation Glue Binders 100 Non-fibrous Prep/treatment : heat / melt Asbestos Content: None Detected Analyst: Steve Moody Comments: 11/16/01 Date Analyzed: Lab Job#: x1B-12298 | Sample #: 109S-8

Steve Moody Micro Services, Inc. **Bulk Asbestos Analysis Sheet** NVLAP Lab No. 102056 TDH License No. 30-0084 EPA Method 40 CFR, Ch. 1, Pt. 763, Subpt. F. App. A Client: **ETI Environmental Services** 15109 Surveyor Blvd. Project: Project #: **Not Provided** Lab Job#: x1B-12298 Sample #: 109S-9 Client Sample Description: 12" x 12" Floor Tile with Yellow Glue, at Men's Rest Room Door Page 1 of 1 Layer 1 Floor Tile Stereoscopic Exam Color Texture Homogeneous? % Fibrous % Asbestos % of Sample Black Hard YES ND ND PLM Examination Color Paralici Perpendicular Extinction Sign of Components Calcite / Vinyl Binders Morphology / Pleochroism Ref. Index Ref. Index Biref Angle Elongation 100 Non-fibrous high Prep/treatment : heat / melt Asbestos Content: None Detected Layer 2 Yellow Mastic Stereoscopic Exam Texture Homogeneous? % Fibrous % Asbestos % of Sample Color YES ND Yellow Rubbery ND PLM Examination Color Parallel Perpendicular Extinction Sign of Components % Morphology / Pleochroism Ref. Index Ref. Index Biref Angle Elongation Glue Binders 100 Non-fibrous Prep/treatment : heat / melt Asbestos Content: None Detected Steve Moody Comments: Analyst: M 11/16/01 Date Analyzed:

Lab Job#: x1B-12298 | Sample #: 1095-9

Bulk Asbestos Analysis Sheet

TDH License No. 30-0084

EPA Method 40 CFR, Ch. 1, Pt. 763, Subpt. F, App. A

NVLAP Lab No. 102056

Client:

ETI Environmental Services

Project:

15109 Surveyor Bivd.

Project #:

Not Provided

Lab Job#: x1B-12298

Sample #: 109S-10

Client Sample Description:

2' x 4' Ceiling Panel, Foyer

Page 1 of 1

Layer 1 Ceiling Tile

Stereoscopic Exam

Homogeneous? % Fibrous % Asbestos % of Sample Color Texture **Light Grey** YES Fibrous 80

PI M Evantionion

K WINTE TOWNS SEED STREET									
		T		Color	Parallel	Perpendicular		Extinction	Sign of
Components	%	+/-	Morphology	/ Pleochroism	Ref. Index	Ref Index	Bircf	Angle	Elongation
Cellulose Fibers	50	1	ribbons				hlgh		
Mineral Wool Fibers	36	1	Rods				0		
Perlité	20	1	Glass Foam				0		

Prep/trealment: mechanical separation

Asbestos Content: None Detected

Comments:

Analyst:

Steve Moody

Date Analyzed:

11/16/01

Lab Job#: x1B-12298 | Sample #: 109S-10

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Bulk Asbestos Analysis Sheet

TDH License No. 30-0084

EPA Method 40 CFR, Ch. 1, Pt. 763, Subpt. F, App. A

NVLAP Lab No. 102056

Client:

ETI Environmental Services

Project:

15109 Surveyor Blvd.

Project #:

Not Provided

Lab Job#: x1B-12298

Sample #: 109S-11

Client Sample Description:

2" x 4" Ceiling Panel

Page 1 of 1

Layer 1 Ceiling Tile

Stereoscopic Exam

Color	Texture	Homogeneous?	1 - T	% Asbestos	% of Sample
Light Grey	Fibrous	YES	80	ND	100

PLM Examination

	<u> </u>	T		Color	Paralici	Perpendicular		Extinction	Sign of
Components	%	+/-	Morphology	/ Pleochroism	Ref. Index	Ref. Index	Biref	Angle	Elongation
Cellulose Fibers	50		ribbons				hlgh		
Mineral Wool Fibers	30		Rods				0		
Perlite	20		Glass Foam				0		

Prep/treatment: mechanical separation

Asbestos Content: None Detected .

Comments:

Analyst:

Steve Moody

Date Analyzed:

11/16/01

Lab Job#: x1B-12298 | Sample #: 109S-11

M

Bulk Asbestos Analysis Sheet

TDH License No. 30-0084

EPA Method 40 CFR, Ch. 1, Pt. 763, Subpt. F, App. A

NVLAP Lab No. 102056

Client:

ETI Environmental Services

Project:

15109 Surveyor Blvd.

Project#:

Not Provided

Lab Job#: x1B-12298

Sample #: 109S-12

Client Sample Description:

2' x 4' Ceiling Panel, Office

Page 1 of 1

Layer 1 Ceiling Tile

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Light Grey	Fibrous	YES	80	ND	100

PLM Examination

				Color	Paralici	Perpendicular		Extinction	Sign of
Components	%	+/	Morphology	/ Pleochroism	Ref. Index	Ref. Index	Biref	Angle	Elongation
Cellulose Fibers	50		ribbons				high		
Mineral Wool Fibers	30		Rods				0		
Perlita	20		Glass Foam				Û		1

Prep/treatment: mechanical separation

Asbestos Content: None Detected

Comments:

Analyst:

Steve Moody

Date Analyzed:

11/16/01

Lab Job#: x1B-12298 | Sample #: 109S-12

Steve I TDH Li		Micro Services, In 30-008	c.		Analysis Sheet schod 600/R-93/116				NVLA	P Lai# 2056
Client:	:	QC SAMPLES								
Sample	#:	x1B-12298*109S	-8	•						
Sample	Analy	rsis:	· •	WWW.	ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO ALLEGO AL				······································	
Layer	1 F	loor Tile		Stereoscopic Exam	Textuse	15	#TIES	n az 152		0/CC[2]
	PLM E	icenination		Color White	Hard	NO	Homogeneous YES	ND ND	DIA NO	100
		Components e / Vinyl Binders	% +/- 100	Morphology Non-fibrous	Color / Pleoclaruism	Parallel Ref. Index	Perpendicular Ref. Index	Biref high	Extinction Angle	Sign of Elongation
		calment : heat / melt			Asb	estos Content :	None Dete			
Layer	2 Y	ellow Mastic		Stereoscopic Exam	-					
	DIME	xamination		Color Yellow	Texture Rubbery	NO NO	? Homogeneous YES	NO NO	ND ND	<1 Sample
		Components Sinders	% +/- 100	Morphology Non-fibrous	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Bircf	Extinction Angle	Sign of Elongation
		eatment: heat/melt			Ach	ertor Contrat	None Dete	rtad		
Соти	ents :					Analys Date Sample	: 11/16/0 1	W. Mira 2298*10		n

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ETI Environmental Services

4112 VIA BALLENA MESQUITE, TEXAS 75150 (972) 279-9751

November 15, 2001

Steve Moody Micro Services, Inc. 1510 Randolph, Suite 602 Carrollton, Texas 75006

Re: PLM Testing on Bulk Samples

Gentlemen:

We have transmitted 51 bulk samples for PLM testing in accordance with NESHAP Regulations for asbestos to your laboratory at the above address. Provide point-counting on the friable samples with positive stop. Provide total wall system results on tape and bedding samples.

Analysis report is to be broken down and billed by project as follows:

NO. OF SAMPLES	SAMPLE DATE	BUILDING NAME	SAMPLE NUMBER
12	11-14-01	15109 Surveyor Blvd.	109S-1 thru 109S-12
12	11-14-01	15111 Surveyor Blvd.	1115-1 thru 1115-12
12	11-14-01	15113 Surveyor Blvd.	113S-1 thru 113S-12
15	11-14-01	15115 Surveyor Blvd. Addison, Texas	115S-1 thru 115S-15

Please list numerically on report from last digit(s) of sample #.

Please submit quality control results with final report.

Please sign and return one copy, keep the other copy for your records.

Thank You.

ETI ENVIRONMENTAL SPRVICES

STEVE MOODY MICRO SERVICES, INC.

Eddie Taw___

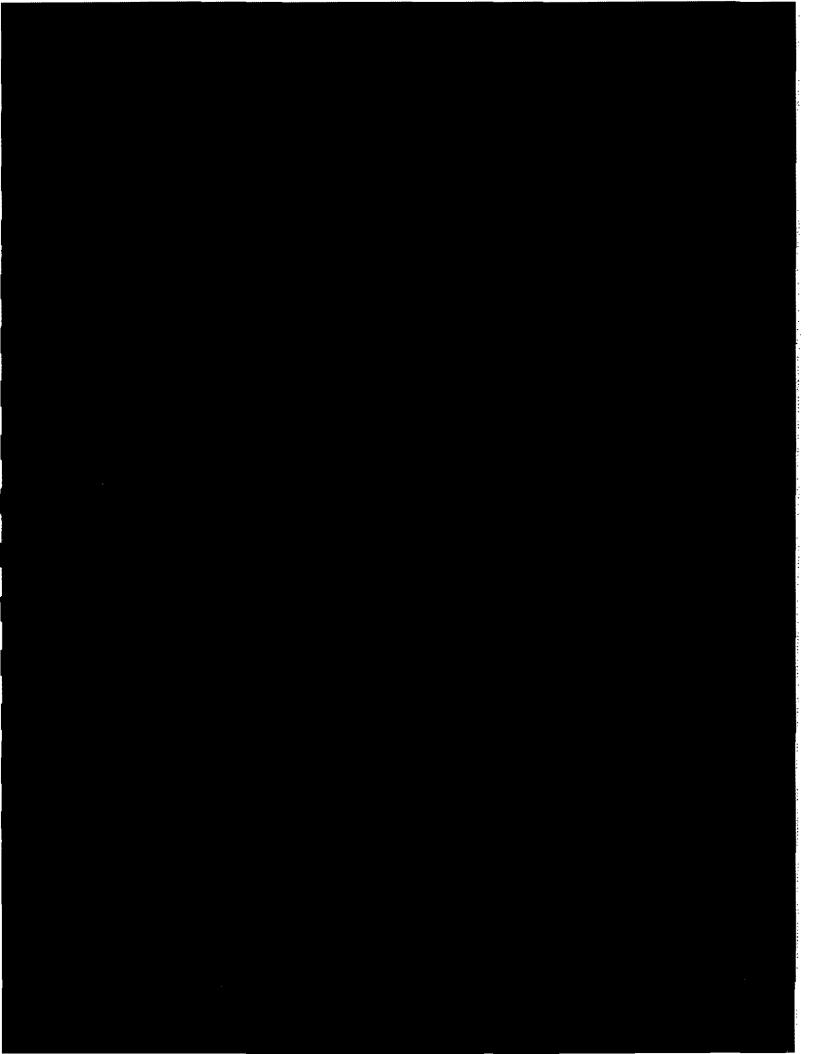
Asbestos Consultant

Receiver's Signature

11-16-01 Biora

Date

113-12298



PLM REPORT

Steve Moody Micro Services, Inc. 1510 Randolph, Suite 602 Carrollton, Texas 75006 (972) 446-9482 NVLAP Lab No. 102056 TDH License No. 30-0084

PAT ID # 102577

Client:

ETI Environmental Services

Lab Job No.: x1B-12299

Project:

15111 Surveyor Blvd.

Report Date: 11/17/2001

Project#:

Not Provided

Sample Date: 11/14/2001

Identification: Asbestos, Bulk Sample Analysis

Test Method: Polarized Light Microscopy / Dispersion Staining (PLM/DS)

EPA Method 40 CFR, Ch. 1, Pt. 763, Subpt. F, App. A

Page 1 of 2

On 11/16/01, twelve (12) bulk material samples were submitted by Eddie Taw of ETI Environmental Services for asbestos analysis by PLM/DS. Copies of the lab data sheets are attached; additional information may be found therein. The results are summarized below:

Sample Number	Client Sample Description / Location	Asbestos Content
1115-1	Wali Material	None Detected - Joint Compound
		None Detected - Texture
		None Detected - Textured Paint
111S-2	Wall Material	None Detected - Drywali Material
		None Detected - Texture
		None Detected - Textured Paint
111S-3	Wall Material	None Detected - Drywall Material
		None Detected - Texture
		None Detected - Textured Paint
1115-4	Wall Material on Tape and Bedding Material on Sheetrock	None Detected - Drywall Material
		None Detected - Texture
111S-5	Wall Material on Tape and Bedding Material on Sheetrock	None Detected - Drywall Material
	_	None Detected - Texture
		None Detected - Textured Paint
1118-6	Wall Material on Tape and Bedding Material on Sheetrock	None Detected - Drywall Material
		None Detected - Texture
		None Detected - Textured Paint
1118-7	2' x 4' Ceiling Panel	None Detected - Ceiling Tile
111S-8	2' x 4' Ceiling Panel	None Detected - Ceiling Tile
1118-9	2' x 4' Ceiling Panel	None Detected - Ceiling Tile
1118-10	Floor Covering, Rest Room	None Detected - Sheet Flooring
		65% Chrysotile - Fiber Backing
1118-11	Floor Covering, Rest Room	None Detected - Sheet Flooring
		65% Chrysotile - Fiber Backing

PLM REPORT

Steve Moody Micro Services, Inc. 1510 Randolph, Suite 602 Carrollton, Texas 75006 (972) 446-9482 NVLAP Lab No. 102056 TDH License No. 30-0084 PAT ID # 102577

Client:

ETI Environmental Services

Lab Job No.: x1B-12299

Project:

15111 Surveyor Blvd.

Report Date: 11/17/2001

Project #:

Not Provided

Sample Date: 11/14/2001

Identification: Asbestos, Bulk Sample Analysis

Test Method: Polarized Light Microscopy / Dispersion Staining (PLM/DS)

EPA Method 40 CFR, Ch. 1, Pt. 763, Subpt. F, App. A

Page 2 of 2

On 11/16/01, twelve (12) bulk material samples were submitted by Eddie Taw of ETI Environmental Services for asbestos analysis by PLM/DS. Copies of the lab data sheets are attached; additional information may be found therein. The results are summarized below:

Sample Number	Client Sample Description / Location	Asbestos Content
1118-12	Floor Covering, Rest Room	None Detected - Sheet Flooring 65% Chrysotile - Fiber Backing
111S-4	QC Sample	None Detected-Drywall Material None Detected-Texture

These samples were analyzed by layers. Quantification, unless otherwise noted, is performed by visual estimate. Results may not be reproduced except in full. This test report relates only to the samples tested. These test results do not imply endorsement by NVLAP or any agency of the U.S. Government. Accredited by the National Voluntary Laboratory Accreditation Program for Bulk Asbestos Fiber Analysis under Lab Code 102056.

Analyst:

Steve Moody

Lab Director: Steve Moody

Approved Signatory:

---- Thank you for choosing Steve Moody Micro Services

	<i>Moody Micro Services, In</i> cense No. 30-0084	C.			bestos Analysis Sl R, Ch. 1, Pt. 763, Sub				NVLAP Lab	No. 102056				
Client	ETI Environme	ntal S	erv		, , , , , ,	, , , , , , , , , , , , , , , , , , ,								
Project	: 15111 Surveyor	Blvo	j.							'				
Project	#: Not Provided			Lab Job#: x1B-1 2	2299 Sample :	# : 111S-1								
Client :	Sample Description: W	all M	ater	ial					Paç	ge 1 of 1				
Layer	I DW Paper / Tape			Stereoscopic Exa										
Layer	1 Divi aperi rape			Color		Fexture	Homogeneous	? % Fibro	us % Asbestos	% of Sample				
	PLM Examination			Tan / W	hite F	ibrous	YES	100	ND	30				
	LEWI CYNHHIBRION		Γ.		Color	Parallel	Perpendicular		Extinction	Sign of				
	Components	% 100	+/-	Morphology	/ Pleochroism	Ref. Index	Ref. Index	Biref	Angle	Elongation				
	Cellulose Fibers	100		ribbons				high						
	Prep/treatment : mechanical	sepei	ratio —	n — — — — — —	Asb	estos Content:	None Dete	cted						
_	0													
Layer	Layer 2 Joint Compound Stereoscopic Exam Color Texture Homogeneous? % Fibrous % Asbestos % of Sample													
	DIA Dispuisation			White		Blocky	YES	ND	ND	30				
	PLM Examination	Т			Color	Parallel	Perpendicular		Extinction	Sign of				
	Components % +/- Morphology / Pleochroism Ref. Index Ref. Index Biref Angle Elongation													
	Calcite / Talc / Binders	100		Non-Fibrous										
	Prep/treatment : mechanical	sepai	atio	n 	Asb	estos Content :	None Dete	cted						
-			_											
Layer	3 Texture			Stereoscopic Exa			la-	-1						
				Color White		Fexture Blocky	Homogeneous YES	? % Fibro	us % Asbestos ND	% of Sample 35				
	PLM Examination			***************************************		JUCNY	1. 103	ND	(4D					
	Commonste	%	.,	141	Color / Pleochroism	Parallel	Perpendicular	Biref	Extinction	Sign of				
	Components Calcite / Talc / Binders	100	+/-	Morphology Non-Fibrous	/ Picocinoism	Ref. Index	Ref. Index	Differ	Angle	Elongation				
	Prep/treatment : mechanical	senai	atio		Ash	estos Content :	None Dete	cted						
		- -	_	 										
Layer	4 Textured Paint			Stereoscopic Exa	2471									
22,01	, TOXILIOUT CITY			Color		exture	Homogeneous	? % Fibro	us % Asbestos	% of Sample				
	DENEM 1 d			White	e R	ubbery	YES	ND	ND	5				
	PLM Examination	Τ			Color	Parallel	Perpendicular	1	Extinction	Sign of				
	Components	%	+/-	Morphology	/ Pleochroism	Ref. Index	Ref. Index	Biref	Ang ic	Elongation				
	Pumice Pigment / Binders	10 90		Elongated Vessicles Non-fibrous				0		 				
	Lightent Dillocis			MOPHOTOES										
	Prep/treatment : heat / melt				Asb	estos Content:	None Dete	cted						
			~]				
					·									
Comm	ents:					Analyst : Date Analyza	Steve Mod	ody 17/01	M	′				
						<u> </u>	x1B-12299		_# · 111S.					

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TOH L	cense No. 30-0084			EPA Method 40 Cf	FR, Ch. 1, P	. 763, Sul	xpt. F, App. A			NVLAP Lal	No. 102056
Client	ETI Environme	ntal S	erv	ices							
Project	: 15111 Surveyo	r Blvc	i,								e out out miss out out out out out out out out out out
Project	#: Not Provided			Lab Joh#: x1B-1	2299	Sample	# : 111S-2				00000000000000000000000000000000000000
Client	Sample Description: V	Vall M	ate	fal		***************************************	had a fall a fall a fall a fall a fall a fall a fall a fall a fall a fall a fall a fall a fall a fall a fall a			Pa	ge 1 of 1
Layer	1 Drywall Material			Stereoscopic Ex	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,				-	
				Colo Whit			Fexture Blocky	Homogeneous'	% FIDTO	ND ND	7% OT Sample 87
	PLM Examination			7.7.11		***************************************	Diocky	160	, ,	140	
	Components	%		Morphology	Col / Picoc		Paralici Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
	Cellulose Fibers	5		ribbons					high		[
	Gypsum / Binders	95		Non-fibrous			1				L
	Prep/treatment: mechanica	l seper — —	atic —	MA	ryuma Ayringi, spilijipi AM	Ast	estos Content :	None Detec	ted 		2000 0000 000
Layer	2 DW Paper Facing			Stcreoscopic Ex	am						
				Coto			exture	Homogeneous'			
	PLM Examination			Tar	1	F	Torous	YES	100	ND	5
	PLM EXAMIDATION	1		1	Col		Parallel	Perpendicular		Extinction	Cimp of
	Components	%	4/-	Morphology	/ Plenci		Ref. Index	Ref. index	Biref	Angic	Sign of Elongation
	Cellulose Fibers	100	·	\$	ribbons		1002 01000	rest. merce	hìgh	4 444514	1.10112
Layer	Prep/treatment: mechanical	Sepe	atio	Stereoscopic Ex	an			None Detec		AAAA	MAMARI MARINE VIVE
				Colo	·		CALLIC	Homogeneous'			
	PLM Examination			White	è		3tocky	YES	ND	ND	5]
					Col		Parallel	Perpendicular		Extinction	Sign of
	Components	%	+/-	Morphology	/ Picoci	TUO (2011	Ref. Index	Ref. Index	Biref	Angle	Elongation
	Calcite / Talc / Binders	100		Non-Fibrous			.l	L		L	┸───/
	Prep/treatment : mechanical	l sepai	atiko			Ast	estos Content :	None Detec	ted	want want toner leader	Samusia especiales especiales
Layer	4 Textured Paint			Stereoscopic Ex							
				Colo			l'exture	Homogeneous'			
	705 3. 4. 27			Whit	be	R	ubbery	YES	ND	ND	
	PLM Examination		r	T	Col		Parailci	Perpendicular		Extinction	Sign of
	Companents	%	+/	Morphology	/ Pleocl		Ref. Index	Ref. Index	Biref	Angle	Elongation
	Pumice	5		Elongated Vessicles	, , , , , , ,		1000	**************************************	0		1
	Pigment / Binders	95		Non-fibrous			1				
	Prep/treatment : heat / melt		***************************************	make may was some your will be		Ast	estos Content :	None Detec	ted		
Солг	ents:		***************************************				Analyst: Date Analyze	Steve Moo	xdy 17/01	sh	

Lab Job#: x1B-12299 | Sample #: 111S-2

	Moody Micro Services, In cense No. 30-0084	c.		Bulk Asb EPA Method 40 CFF						NVLAP Lat	No. 102056	
Client	: ETI Environmer	rtal S	Servi	ces								
Project	: 15111 Surveyor	Blvc	i.									
Project	#: Not Provided			Lab Job#: x1B-12	299	Sample	# : 111S-3					
Client Sample Description: Wall Material Page 1 of 1												
Layer	Drywall Material			Stereoscopic Exa	m						THE COLUMN TWO IS NOT THE COLUMN TWO IS NOT THE COLUMN TWO IS NOT THE COLUMN TWO IS NOT THE COLUMN TWO IS NOT THE COLUMN TWO IS NOT THE COLUMN TWO IS NOT THE COLUMN TWO IS NOT THE COLUMN TWO IS NOT THE COLUMN TWO IS NOT THE COLUMN TWO IS NOT THE COLUMN TWO IS NOT THE COLUMN TWO IS NOT THE COLUMN TWO IS NOT THE COLUMN TWO IS NOT THE COLUMN TWO IS NOT THE COLUMN TWO IS NOT THE COLUMN TWO IS NOT THE COLUMN TWO IS NOT THE COLUMN TWO IS NOT THE COLUMN TWO IS NOT THE COLUMN TWO IS NOT THE COLUMN TWO IS NOT THE COLUMN TWO IS NOT THE COLUMN TWO IS NOT THE COLUMN TWO IS NOT THE COLUMN TWO IS NOT THE COLUMN TWO IS NOT THE COLUMN TWO IS NOT THE COLUMN TWO IS NOT THE COLUMN TWO IS NOT THE COLUMN TWO IS NOT THE COLUMN TWO IS NOT THE COLUMN TWO IS NOT THE COLUMN TWO IS NOT THE COLUMN TWO IS NOT THE COLUMN TWO IS NOT THE COLUMN TWO IS NOT THE COLUMN TWO IS NOT THE COLUMN TWO IS NOT THE COLUMN TWO IS NOT THE COLUMN TWO IS NOT THE COLUMN TWO IS NOT THE COLUMN TWO IS NOT THE COLUMN TWO IS NOT THE COLUMN TWO IS NOT THE COLUMN TWO IS NOT THE COLUMN TWO IS NOT THE COLUMN TWO IS NOT THE COLUMN TWO IS NOT THE COLUMN TWO IS NOT THE COLUMN TWO IS NOT THE COLUMN TWO IS NOT THE COLUMN TWO IS NOT THE COLUMN TWO IS NOT THE COLUMN TWO IS NOT THE COLUMN TWO IS NOT THE COLUMN TWO IS NOT THE COLUMN TWO IS NOT THE COLUMN TWO IS NOT THE COLUMN TWO IS NOT THE COLUMN TWO IS NOT THE COLUMN TWO IS NOT THE COLUMN TWO IS NOT THE COLUMN TWO IS NOT THE COLUMN TWO IS NOT THE COLUMN TWO IS NOT THE COLUMN TWO IS NOT THE COLUMN TWO IS NOT THE COLUMN TWO IS NOT THE COLUMN TWO IS NOT THE COLUMN TWO IS NOT THE COLUMN TWO IS NOT THE COLUMN TWO IS NOT THE COLUMN TWO IS NOT THE COLUMN TWO IS NOT THE COLUMN TWO IS NOT THE COLUMN TWO IS NOT THE COLUMN TWO IS NOT THE COLUMN TWO IS NOT THE COLUMN TWO IS NOT THE COLUMN TWO IS NOT THE COLUMN TWO IS NOT THE COLUMN TWO IS NOT THE COLUMN TWO IS NOT THE COLUMN TWO IS NOT THE COLUMN TWO IS NOT THE COLUMN TWO IS NOT THE COLUMN TWO IS NOT THE COLUMN TWO IS NOT THE COLUMN TWO IS NOT THE COLUMN TWO IS NOT THE COLUMN TWO IS NOT	
				Color White			Cexture	Homogeneous YES	% Fibro		% of Sample 82	
	PLM Examination			TT I I I I		<u></u> '	Blocky	1 169	<u> </u>	ND	02	
	Components	%	+/	Morphology		olor chroism	Paralici Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation	
	Glass Wool Fibers Cellulose Fibers	2 2		Rods ribbons					0		<u></u>	
	Gypsum / Binders	96	<u> </u>	Non-fibrous		·············			high		-	
	Prep/treatment : mechanical 2 DW Paper Facing	sepa	ration —	Stereoscopic Exa		Asl	pestos Content :	None Detec	ated			
,				Color	***		Codure	Homogeneous	?% Fibro	us % Asbestos	% of Sample	
	PLM Examination			Tan			Tibrous	YES	100	ND	5	
	PLAY EXBUIGADON	T			Co	olor	Parallel	Perpendicular		Extinction	Sign of	
	Components	%	+/-	Morphology	/ Pleos	chroism	Ref. Index	Ref. Index	Biref	Angle	Elongation	
	Cellulose Fibers	100		ribbons			<u> </u>		high		┸	
Layer	Prep/treatment : mechanical	58pe i	ration	Stereoscopic Exa		Asi	estos Content :	None Detec	:ted 		-	
				Color	-	-	Texture	Homogeneous				
	PLM Examination			White) 	<u>i</u>	Biocky	YES	MD D	ND	10	
	1 1745 EYEMIIIIGURAS	1	П		Co	olor	Parallel	Perpendicular		Extinction	Sign of	
	Components Calcite / Tale / Binders	% 100	+/-	Marphology Non-Fibrous	/ Pleoc	hroism	Ref. Index	Ref. Index	Biref	Angle	Elongation	
	Carcus / Taic / Binders	100	<u> </u>	Non-ribrous			<u> </u>					
v*	Prep/treatment: mechanical	sepa	ration	1 	THE TOWN	Ast 	estes Content:	None Detec	:ted 	Marine Mc.		
Layer	4 Textured Paint			Stereoscopic Exa	m							
				Color		_ 	Cxture	Homogeneous				
	PLM Examination			White	<u> </u>		tubbery	YES	LND	QM	3	
	Components	%	+/-	Morphology		okor chroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref`	Extinction Angle	Sign of Elongation	
	Perlite		<u> </u>	Glass Foam					0			
	Pigment / Binders	95	11	Non-fibrous								
	Prep/treatment : heat / melt					Asi	estos Content :	None Detec	ted			
Cornar	nents:		440000			-	Analyst :	Steve Mod		N		
						American	Date Analyza		7/01			

	Moody Micro Services, Inc cense No. 30-0084			Bulk As EPA Method 40 CF	bestos Analysi				XD/I AD Lab	No. 102056
		t			r, Ca 1, Ft. 103,	SHOPL F, APP. A			IVVL/AF LAI	10, 102030
Client:	ETI Environmen	nai s	ervic	æs						
Project	: 15111 Surveyor	Blvc	l.							-
Project	#: Not Provided			Lab Job#: x18-1	2299 Sam	ple# : 111S-4				
Client	Sample Description: Wi	all M	ateria	l on Tape and Be	edding Materia	i on Sheetrocl	<u> </u>		Paq	je 1 of 1
Layer	Drywall Material			Stereoscopic Ex	80)					
*				Colo		Texture	Homogeneous	% Fibro		% of Sample
	PLM Examination			Whit	be l	Błocky	YES	2	DM	85
	PLM Examination	<u> </u>		The state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the s	Color	Parallel	Perpendicular		Extinction	Sign of
	Components		+/-	Morphology	/ Pleochroisn	Ref. Index	Ref. Index	Bircf	Angle	Elongation
	Glass Wool Fibers Cellulose Fibers	2		Rods ribbons				0 high		
	Gypsum / Binders	96		Non-fibrous				1419411		1
Layer	Prop/treasment : mechanical :	50 pa	ation	Stereoscopic Ex		Asbestes Content:	None Detec	eted	MAR NASAN ECHAN	Allenson various Materials
	,			Colo		Texture	Homogeneous	7 % Fibro	us % Asbestos	% of Sample
	*** * * ***			Tan) [Fibrous	YES	100	ИD	5
	PLM Examination	T			Color	Parallel	Perpendicular		Extinction	Sign of
	Components	%	4/	Morphology	/ Pleochroism	1	Ref. Index	Biref	Angle	Elongation
	Cellulose Fibers	100		ribbons				high		
Layer	Prep/treatment: mechanical:	_		Stereoscopic Ex	SIT)	Asbestos Content :	Homogeneous	7 % Fibro		
	PLM Examination			Whit	io	Blocky	YES	ND	ND	10
	Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Pexpendicular Ref. Index	Bircf	Extinction Angle	Sign of Flongation
	Calcite / Talc / Binders	100	LL	Non-Fibrous						<u> </u>
	Prep/treatment : mechanical :	sepai	ation			Ashestos Content:	None Detec	ted	10.00 marries Agricultur	
Comm	ents:					Analyst : Date Analyz	Steve Moo	ody 17/01	SA	
							ed: 11/1 x1B-12299			

	Moody Micro Services, II icense No. 30-0084	ic.		Bulk As EPA Method 40 C	sbestos Analy FR, Ch. 1, Pt. 7					NVLAP Lab	No. 102056
Client	ETI Environme	ntal S	ervi	ces							
Project	: 15111 Surveyo	r Blvc	l.								
Project	#: Not Provided			Lab Job#: x1B-1	1 2299 S	ampie #	: 111S-5		•		
Client:	Sample Description: W	/all M	ateri	al оп Tape and Be	edding M ate	rial or	Sheetrock			Paç	ge 1 of 2
Layer	I Drywall Material			Stereoscopic Ex	cam						
-	•			Colo	x	T	exture	Нотоденеоиз	% Fibro	us % Asbestos	% of Sample
	was water A. W.			Whi	te	8	llocky	YES		ND	82
	PLM Examination		г т				TS 61.3	Iw	****	** ** ***	
	Components	%	+/-	Morphology	Color / Pleochro	ism	Parallel Ref. Index	Perpendicular Ref. Index	Bircf	Extinction Angle	Sign of Elongation
	Glass Wool Fibers	2		Rods					0		
	Cellulose Fibers	2		enoddin			<u> </u>		high	······································	
	Gypsum / Binders	96		Non-fibrous		···		<u></u>			l
Layer	Prep/treatment : mechanical 2 DW Paper / Tape	sepai	ation	Stereoscopic Ex				None Detec		-	
į				Colc		www	agnie	Homogeneous			~~~~~~~~
	PLM Examination			Tan/V	Visite	F	brous	YES	100	ND	5
	L Plat Exmitnismon		Т		Color	-	Parallel	Perpendicular		Extinction	Sign of
	Components	%	+/	Morphology	/ Pleochro	ism	Ref. Index	Ref. Index	Biref	Angle	Elongation
	Cellulose Fibers	100		ribbons					high		
_	- 504(5) 15			ŕ							
Layer	3 DW Paper / Tape			Stereoscopic Ex	ж		exture	Homogeneous			
Layer				,	ж		exture ibrous	Homogeneous YES	? % Fibro	us % Asbestos ND	% of Sample 5
Layer	PLM Examination Components	%	+/-	Colo Tan / W	ж	FI			100 Birsf		
	PLM Examination Components Cellulose Fibers	100		Cole Tan / W Morphology ribbons	Vhite Color	ism	Parallel Ref. Index	YES Perpendicular Ref. Index	Birsf high	ND Extinction	5 Sign of
	PLM Examination Components	100		Cole Tan / W Morphology ribbons	Vhite Color	ism	Parallel Ref. Index	YES Perpendicular	Birsf high	ND Extinction	5 Sign of
	PLM Examination Components Cellulose Fibers	100		Cole Tan / W Morphology ribbons	Vinite Color / Plepchro	ism	Parallel Ref. Index	YES Perpendicular Ref. Index None Detect	Biref high	Extinction Angle	Sign of Elongation
	PLM Examination Components Cellulose Fibers Prep/iteatment: mechanical	100		Cole Tan / W Morphology ribbons Stereoscopic Ex	Color / Plenchro	FJ issm Asbo	Parallel Ref. Index estos Content;	Perpendicular Ref. Index None Detect	Biref high ted	Extinction Angle	Sign of Etongation
Layer	PLM Examination Components Cellulose Fibers Prep/treatment : mechanical	100		Colo Tan I W Morphology ribbons Stereoscopic Ex	Color / Plenchro	FJ issm Asbo	Parallel Ref. Index estos Content;	YES Perpendicular Ref. Index None Detect	Biref high	Extinction Angle	Sign of Elongation
Layer	PLM Examination Components Cellulose Fibers Prep/treatment: mechanical	100		Cole Tan / W Morphology ribbons Stereoscopic Ex	Vhite Color / Pleuchro	FJ issm Asbo	Parallel Ref. Index estos Content ;	Perpendicular Ref. Index None Detect Homogeneous YES	Biref high ted	Extinction Angle Angle A Sheetos ND	Sign of Etongation
Layer	PLM Examination Components Cellulose Fibers Prep/treatment : mechanical	seper		Cole Tan / W Morphology ribbons Stereoscopic Ex	Color / Plenchro	Asbo	Parallel Ref. Index estos Content;	Perpendicular Ref. Index None Detect	Biref high ted	Extinction Angle	Sign of Etongation
L8yer	PLM Examination Components Cellulose Fibers Prep/freatment: mechanical 4 Texture PLM Examination	seper	ation	Cole Tan / W Marphology ribbons Stereoscopic Ex Cole With	Color / Pleochro	Asbo	Parallel Ref. Index estos Content ; exture Blocky Parallel	Perpendicular Ref. Index None Detect Homogeneous YES Perpendicular	Biref high cited	Extinction Angle MS Asbestos ND Extinction	Sign of Etongation 4 of Sample 5 Sign of
Løyer	PLM Examination Components Cellulose Fibers Prep/treatment : mechanical 4 Texture PLM Examination Components	% 100	ation	Cole Tan / W Marphology ribbons Stereoscopic Ex Cole Whi Morphology Non-Fibrous	Color / Pleochro	Asbo	Parallel Ref. Index estors Content : exture llocky Parallel Ref. Index	Perpendicular Ref. Index None Detect Homogeneous YES Perpendicular	Biref high:ted	Extinction Angle MS Asbestos ND Extinction	Sign of Etongation 4 of Sample 5 Sign of
Løyer	PLM Examination Components Cellulose Fibers Prep/treatment: mechanical 4 Texture PLM Examination Components Calcite / Taic / Binders Prep/treatment: mechanical	% 100	ation	Cole Tan / W Marphology ribbons Stereoscopic Ex Cole Whi Morphology Non-Fibrous	Color / Pleochro	Asbo	Parallel Ref. Index estore estore liocky Parallel Ref. Index estore Content: Analyst: Date Analyze	Perpendicular Ref. Index None Detect Homogeneous YES Perpendicular Ref. Index None Detect Steve Mox	Biref high ted	Extinction Angle is % Asbestos ND Extinction Angle	Sign of Etongation % of Sample 5 Sign of Etongation

Bulk Asbestos Analysis Sheet

TDH License No. 30-0084

EPA Method 40 CFR, Ch. 1, Pl. 763, Subpt. F, App. A

NVLAP Lab No. 102056

Client:

ETI Environmental Services

Project:

15111 Surveyor Blvd.

Project #:

Not Provided

Lab Job#: x1B-12299

Sample #: 111S-5

Client Sample Description:

Wall Material on Tape and Bedding Material on Sheetrock

Page 2 of 2

Layer 5 Textured Paint

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample	l
White	Rubbery	YES	ND	MD	3	l

DIRA	L	unation
L TANK		ER MERCHER

				Color	Parafici	Perpendicular		Extinction	Sign of
Components	%	4/-	Morphology	/ Pleochroism	Ref. Index	Ref. Index	Biref	Angle	Elongation
Pertite	5		Glass Foam				0		
Pigment / Binders	95	•	Non-fibrous						

Prep/treatment: heat / mett

Asbestos Content: None Detected

Comments:

Steve Moody Analyst:

Date Analyzed:

11/17/01

Lab Job#: x1B-12299 Sample #: 111S-5

	loody Micro Services, .	F _{rance}							
	ense No. 30-0084	un.		sbestos Analys FR. Ch. I. Pt. 763	is Sheet , Subpt. F. App. A			NVLAP I al	b No. 102056
Client:	ETI Environm	ental Servi				**************************************			
Project :	15111 Survey	or Blyd.							
Project#			Lab Job#: x1B-1	1 2299 San	mple#: 111S-6				
•		Wall M ateri	al on Tape and B		•	r		Par	ge 1 of 2
									<u> </u>
Layer 1	Drywall Material		Stereoscopic E		Texture	Hamaneneces	and Film	us % Asbestos	Mama2 la M
to.	LM Examination		Wh		Blocky	YES	2	D AD	82
				Color	Parallel	Perpendicular		Extinction	Sign of
ē	Components Blass Wool Fibers	% +/- 2	Morphology Rods	/ Pleochrois	m Ref. Index	Ref. Index	Biref C	Angle	Elongation
C	Cellulose Fibers	2	ribbons				hìgh	***************************************	
G	Sypsum / Binders	96	Non-fibrous			<u></u>			
P	rep/treatment : mechanic	al separation	·		Asbestos Content :	None Dete	cted		
	SUD (T		_						-
Layer 2	2 DW Paper / Tape	•	Stereoscopic E		Texture	Homosencon	? % Fibro	us % Asbestos	% of Sample
_			Tan/\		Fibrous	YES	100	ON	5
Pi [LM Examination			Color	Parallel	Perpendicular		Extinction	Sign of
1	Components	% +/-	Morphology	/ Pleochrois		Ref. Index	Biref	Angle	Elongation
C	Zelhulose Fibers	100	ribbons			<u> </u>	high		
P	rep/treatment : mechanic	al seperation	• — — — — —		Asbestos Content:	None Dete	cted		
									D.RE 300000 D
Layer 3	DW Paper / Tape	•	Stereoscopic E	xam			-1440 - HARA A		MARINE NAMES N
Layer 3	DW Paper / Tape	•	Cole	or _	Texture			us % Asbestos	
Layer 3	DW Paper / Tape	•		or _	Texture Fibrous	Homogeneous YES	? % Fibro	us % Asbestos ND	% of Sample 5
•	LM Examination		Cole Tan / N	or Mhite Color	Fibrous Parallel	YES Perpendicular	100	ND Extinction	Sign of
P		% +/- 100	Cole	or Mhite	Fibrous Parallel	YES		ND	5
₽ - C	LM Examination Components	% +/- 100	Cole Tan / N Morphology ribbons	or Mhite Color	Fibrous Parallel	YES Perpendicular Ref. Index	Biref	ND Extinction	Sign of
- - -	LM Examination Components cellulose Fibers	% +/- 100	Cole Tan / N Morphology ribbons	or Mhite Color	Fibrous Parallel m Ref. Index	YES Perpendicular Ref. Index	Biref	ND Extinction	Sign of
P C	LM Examination Components cellulose Fibers	% +/- 100	Marphology ribbons Stereoscopic E	or White Color / Pleochrois	Fibrous Paraliel Ref. Index Asbestos Content:	YES Perpendicular Ref. Index None Dete	Biref high	Extinction Angle	Sign of Elongation
P C	Components Components Cellulose Fibers Prep/treatment : mechanics	% +/- 100	Morphology ribbons Stereoscopic E:	Color / Pleochrois	Fibrous Paraliel Ref. Index Asbestos Content: Texture	YES Perpendicular Ref. Index	Biref high	Extinction Angle	Sign of Elongation
Pi C Pi	Components Components Cellulose Fibers Prep/treatment : mechanics	% +/- 100	Marphology ribbons Stereoscopic E	Afhite Color / Pleoctarois	Parallel Ref. Index Asbestos Content: Texture Blocky	YES Perpendicular Ref. Index None Dete	Biref high	Extinction Angle as % Asbestos ND	Sign of Elongation
Pi C Pi	Components Components Cellulose Fibers Prep/treatment : mechanics Texture PLM Examination	% +/- 100 al seperation	Morphology ribbons Sterenscopic E Col	Color / Pleoctarois	Fibrous Parallel Ref. Index Asbestos Content: Texture Blocky Parallel	Perpendicular Ref. Index None Dete Homogeneous YES Perpendicular	Biref high cted	Extinction Angle us % Asbestos ND Extinction	Sign of Elongation % of Sample 5
P P Layer 4	Components Components Celfulose Fibers Prep/treatment : mechanics	% +/- 100	Morphology ribbons Stereoscopic E:	Afhite Color / Pleoctarois	Fibrous Parallel Ref. Index Asbestos Content: Texture Blocky Parallel	YES Perpendicular Ref. Index None Dete	Biref high	Extinction Angle as % Asbestos ND	Sign of Elongation
Pi C Pi Layer 4	Components Cellulose Fibers Prep/treatment : mechanics Texture CLM Examination Components	% +/- 100 al seperation	Morphology ribbons Sterenscopic E: Col. Whi Morphology Non-Fibrous	Color / Pleoctarois	Fibrous Parallel Ref. Index Asbestos Content: Texture Blocky Parallel	Perpendicular Ref. Index None Dete Homogeneous YES Perpendicular Ref. Index	Biref high cted	Extinction Angle us % Asbestos ND Extinction	Sign of Elongation % of Sample 5

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Bulk Asbestos Analysis Sheet

TDH License No. 30-0084

EPA Method 40 CFR, Ch. 1, Pt. 763, Subpt. F, App. A

NVLAP Lab No. 102056

Client:

ETI Environmental Services

Project:

15111 Surveyor Blvd.

Project#:

Not Provided

Lab Job#: x1B-12299

Sample #: 1115-6

Client Sample Description:

Wall Material on Tape and Bedding Material on Sheetrock

Page 2 of 2

Layer 5 Textured Paint

Stereoscopic Exam

Color	Texture	Homogeneous?	% Pibrous	% Asbestos	% of Sample
White	Rubbery	YES	ND	OM	3

PLM Examination

				Color	Paraliel	Perpendicular		Extinction	Sign of
Components	%	+/	Morphology	/ Pleochroism	Ref. Index	Ref. Index	Bircf	Angle	Elongation
Perlite			Glass Foam				0		
Pigment / Binders	95		Non-fibrous						

Prop/trealment : heat / melt

Asbestos Content: None Detected

Comments:

Analyst: Steve Moody

Date Analyzed:

11/17/01

Lab Job#: x1B-12299 | Sample #: 111S-6

TDH License No. 30-0084

Bulk Asbestos Analysis Sheet EPA Method 40 CFR, Ch. 1, Pt. 763, Subpt. F, App. A

NVLAP Lab No. 102056

Client:

ETI Environmental Services

Project:

15111 Surveyor Blvd.

Project#:

Not Provided

Lab Job#: x1B-12299

Sample #: 111S-7

Client Sample Description : 2' x 4' Ceiling Panel

Page 1 of 1

Layer 1 Ceiling Tile

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Light Grey	Fibrous	YES	80	ND	100

PLM Examination

Components	%	+/	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Cellulose Fibers	50		ribbons				high		
Mineral Wool Fibers	30		Rods				Û		
Perlite	20		Glass Foam				0		

Prep/treatment: mechanical separation

Asbestos Content: None Detected

Comments:

Steve Moody Analyst: 11/17/01 Date Analyzed:

Lab Job#: x1B-12299 | Sample #: 111S-7

Bulk Asbestos Analysis Sheet

TDH License No. 30-0084

EPA Method 40 CFR, Ch. 1, Pt. 763, Subpt. F, App. A

NVLAP Lab No. 102056

Client:

ETI Environmental Services

Project:

15111 Surveyor Blvd.

Project#:

Not Provided

Lab Job#: x1B-12299

Sample #: 111S-8

Client Sample Description:

2' x 4' Ceiling Panel

Page 1 of 1

Layer 1 Ceiling Tile

Stereoscopic Exam

Color Texture Homogeneous? % Fibrous % Asbestos % of Sample Light Grey Fibrous YES 80 ND 190

PLM Examination

1 TWAY VOUDISTINGTION									
				Color	Parallel	Perpendicular		Extinction	Sign of
Components	%	4/	Morphology	/ Pleochroism	Ref. Index	Ref. Index	Biref	Angle	Elongation
Cellulose Fibers	50		ribbons				high		A 400-100-100
Mineral Wool Fibers	30		Rods				0		
Perfite	20		Glass Foam				0		

Prep/treatment: mechanical separation

Asbestos Content: None Detected

Comments:

Analyst: Steve Moody
Date Analyzed: 11/17/01

Lab Job#: x1B-12299 Sample #: 111S-8

Steve Moody Micro Services, Inc. TDH License No. 30-0084

Bulk Asbestos Analysis Sheet

EPA Method 40 CFR, Ch. 1, Pt. 763, Subpt. F, App. A

NVLAP Lab No. 102056

Client:

ETI Environmental Services

Project:

15111 Surveyor Blvd.

Project #:

Not Provided

Lab Job#: x1B-12299

Sample #: 111S-9

Client Sample Description: 2' x 4' Ceiling Panel

Page 1 of 1

Layer 1 Ceiling Tile

Stereoscopic Exam

Color		Homogeneous?	% Fibrous	% Asbestos	% of Sample	ı
Light Grey	Fibrous	YES	80	ND	100	

PLM Examination

		Ţ		Color	Parallel	Perpendicular		Extinction	Sign of
Components	%	+/-	Morphology	/ Pleochroism	Ref. Index	Ref. Index	Biref	Angle	Elongation
Cellulose Fibers	50	1	ribbons		***************************************		high		
Mineral Wool Fibers	30	Ž,	Rods				0		
Perlito	20	3	Glass Foam				0		

Prep/treatment: mechanical separation

Asbestos Content: None Detected

Comments:

Steve Moody Analyst:

Date Analyzed:

11/17/01

Lab Job#: x1B-12299 Sample #: 111S-9

Steve Moody Micro Services, Inc. **Bulk Asbestos Analysis Sheet** TDH License No. 30-0084 NVLAP Lab No. 102056 EPA Method 40 CFR, Ch. 1, Pt. 763, Subpt. F, App. A Client: **ETI Environmental Services** Project: 15111 Surveyor Blvd. Project #: **Not Provided** Lab Job#: x1B-12299 Sample #: 111S-10 Client Sample Description: Floor Covering, Rest Room Page 1 of 1 Layer I Sheet Flooring Stercoscopic Exam Homogeneous? % Fibrous % Asbestos % of Sample Texture Color Brown Tough YES ND ND PLM Examination Color Paralici Perpendicular Extinction Sign of Components % +/-/ Pleochroism Ref, Index Ref. Index Biref Angle Elongation Morphology Synthetic Foam 70 **Closed Cells** 30 Vinyl Binders Non-fibrous Asbestos Content: None Detected Prep/treatment : heaf / melt Layer 2 Fiber Backing Stereoscopic Exam Homogeneous? % Fibrous % Asbestos % of Sample Color Texture Light Gray **Fibrous** YES 65 PLM Examination Color Parallel Perpendicular Extinction Sign of Ref Index Ref. Index Elongation Components % 4/... Morphology / Pleochroism Bircf Angle 65 15 1.558 Chrysotile silky / wavy 1.548 0 None IOW Binders / Fillers 35 Non-fibrous Prep/treatment: mechanical seperation Asbestos Content: 65% Chrysotile Comments: Analyst: Steve Moody M 11/17/01 Date Analyzed: Lab Job#: x1B-12299 | Sample #: 111S-10

Steve Moody Micro Services, Inc. **Bulk Asbestos Analysis Sheet** TDH License No. 30-0084 EPA Method 40 CFR, Ch. 1, Pt. 763, Subpt. F, App. A NVLAP Lab No. 102056 Client: **ETI Environmental Services** Project: 15111 Surveyor Blvd. Project#: **Not Provided** Lah Job#: x1B-12299 Sample #: 1115-11 Client Sample Description: Floor Covering, Rest Room Page 1 of 1 Layer 1 Sheet Flooring Stereoscopic Exam Texture Homogeneous? % Fibrous % Asbestos % of Sample Color YES ND ND Brown Tough PLM Examination Color Parallel Perpendicular Extinction Sign of Marphology Components +/-/ Pleochroism Ref. Index Ref. Index Biref Angle Elongation Synthetic Foam 70 Closed Calls Vinyl Binders Non-fibrous Asbestos Content: None Detected Prep/treatment : heat / melt Layer 2 Fiber Backing Stereoscopic Exem Color Texture Homogeneous? % Fibrous % Asbestos % of Sample YES **Light Grey Fibrous** 65 65 PLM Examination Perpendicular Paratlel Sign of Color Extinction Composicnis +/--Morphology / Pleochroism Ref. Index Rcf. Index Buci Angle Elongation Chrysotile 1.556 65 15 silky / wavy None 1.548 Õ low Binders / Fillers Non-fibrous Prop/treatment: mechanical seperation Asbestos Content: 65% Chrysotile Comments: Analyst: **Steve Moody** 11/17/01 Date Analyzed:

ž.

Lab Job#: x1B-12299 | Sample #: 111S-11

Steve Moody Micro Services, Inc. **Bulk Asbestos Analysis Sheet** TDH License No. 30-0084 EPA Method 40 CFR, Ch. 1, Pt. 763, Subpt. F, App. A NVLAP Lab No. 102056 Client: ETI Environmental Services 15111 Surveyor Blvd. Project: Project #: **Not Provided** Lab Job#: x1B-12299 Sample #: 1115-12 Client Sample Description: Floor Covering, Rest Room Page 1 of 1 Layer I Sheet Flooring Stereoscopic Exam Homogeneous? % Fibrous % Asbestos % of Sample Color Toture ND ND Tough YES Brown PLM Examination Paralici Perpendicular Extinction Sign of Color Components % Morphology / Pleochroism Ref. Index Ref. Index Biref Angle Elongation Synthetic Foam 70 Closed Cells Vinyl Binders 30 Non-fibrous Prep/treatment: heat / melt Asbestos Content: None Detected Layer 2 Fiber Backing Stereoscopic Exam Homogeneous? % Fibrous % Asbestos % of Sample Celor Texture YES 65 50 Light Grey **Fibrous** 65 PLM Examination Paralici Percendicular Extinction Sign of Color Components % Morphology / Piecchroism Ref. Index Ref. Index Biref Angle Elongation Chrysotile 65 15 sility / wavy 1,556 1.548 None tow Binders / Fillers Non-fibrous Asbestos Content: 65% Chrysotile Prep/treatment: mechanical seperation

Comments:

Analyst: Steve Moody
Date Analyzed: 11/17/01

Lab Job#: x1B-12299 | Sample #: 111S-12

	Moody Micro Services icense# 30-008	, Inc.		QC EPAN	Analysis Sheet (ethod 600/R-93/116					NVLA	P Lab# 2056
Client	: QC SAMPLE	3									
Sample	#: x1B-12299*11	115-4									The second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second secon
Sample	e Analysis :				hhhhid à fair			hhhh		PPPPPPPIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	1
Layer	1 Drywall Material			Stereoscopic Exam	10000000				dia ww		
				Color White	Texture Blocky		YES	YES	7% FIDR	ous % Asbestos ND	30 30
	PLM Examination	1	Ι		Color	Par	railei	Perpendicular		Extinction	Sign of
	Components Glass Wool Fibers	%		Morphology Rods	/ Pleochroism	Ref.	Index	Ref, index	Biref 0	Angle	Elongation
	Cellulose Fibers	1		ribbons					high	***************************************	
	Gypsum / Binders	97	1	Non-fibrous							
	Prep/treatment: mechani	cal sepa	ratio	X 1	Asb	estos C	ontant :	None Dete	cted 		»,»
Layer	2 DW Paper Facir	ng		Stereoscopic Exam					٠		
				Color	Texture					ous % Asbestos	% of Sample 5
	PLM Examination			Tan	Fibrous		YES	YES	100	ND	3
	Components		+/-		Color / Pleochroism	1	railei Index	Perpendicular Ref. Index		Extinction	Sign of Elongation
	Cellulose Fibers	100		Morphology ribbons	7 PROCEROISIG	REL	UKKA	Rei. Mirex	Biref high	Angle	CHAIRSTOR
	Prep/treatment : mechani	cal sepe	ratio)N	Ash	estos C	content:	None Dete	cted		
	a T									-	
Layer	3 Texture			Stereoscopic Exam Color	Texture		Friable	Homogeneous	? % Fibro	ous % Asbestos	% of Sample
	WAY & 2 Yes 5 22 -			White	Blocky		YES	YES	ND		5
	PLM Examination		T		Color	Pau	ralici	Perpendicular		Extinction	Sign of
	Components Calcite / Talc / Binders	100	+/-		/ Pleochroism	Ref.	Index	Ref. Index	Biref	Angle	Elongation
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	Prep/treatment : mechani	cal sepa	ratic		Aşb	estos C	ontent :	None Dete	cted	3888 WILLIAM WARFE	
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Comn	gents :				****	<i>l</i>	Analyst Date			acle f	<u> </u>

ETI Environmental Services

4112 VIA BALLENA MESQUITE, TEXAS 75150 (972) 279-9751

November 15, 2001

Steve Moody Micro Services, Inc. 1510 Randolph, Suite 602 Carrollton, Texas 75006

Re: PLM Testing on Bulk Samples

Gentlemen:

We have transmitted 51 bulk samples for PLM testing in accordance with NESHAP Regulations for asbestos to your laboratory at the above address. Provide point-counting on the friable samples with positive stop. Provide total wall system results on tape and bedding samples.

Analysis report is to be broken down and billed by project as follows:

NO. OF SAMPLES	SAMPLE DATE	BUILDING NAME	SAMPLE NUMBER
12 12	11-14-01 11-14-01	15109 Surveyor Blvd. 15111 Surveyor Blvd.	109S-1 thru 109S-12 111S-1 thru 111S-12
12	11-14-01	15113 Surveyor Blvd.	113S-1 thru 113S-12
15	11-14-01	15115 Surveyor Blvd. Addison, Texas	115S-1 thru 115S-15

Please list numerically on report from last digit(s) of sample #.

Please submit quality control results with final report.

Please sign and return one copy, keep the other copy for your records.

Thank You.

ETI ENVIRONMENTAL SERVICES

STEVE MOODY MICRO SERVICES, INC.

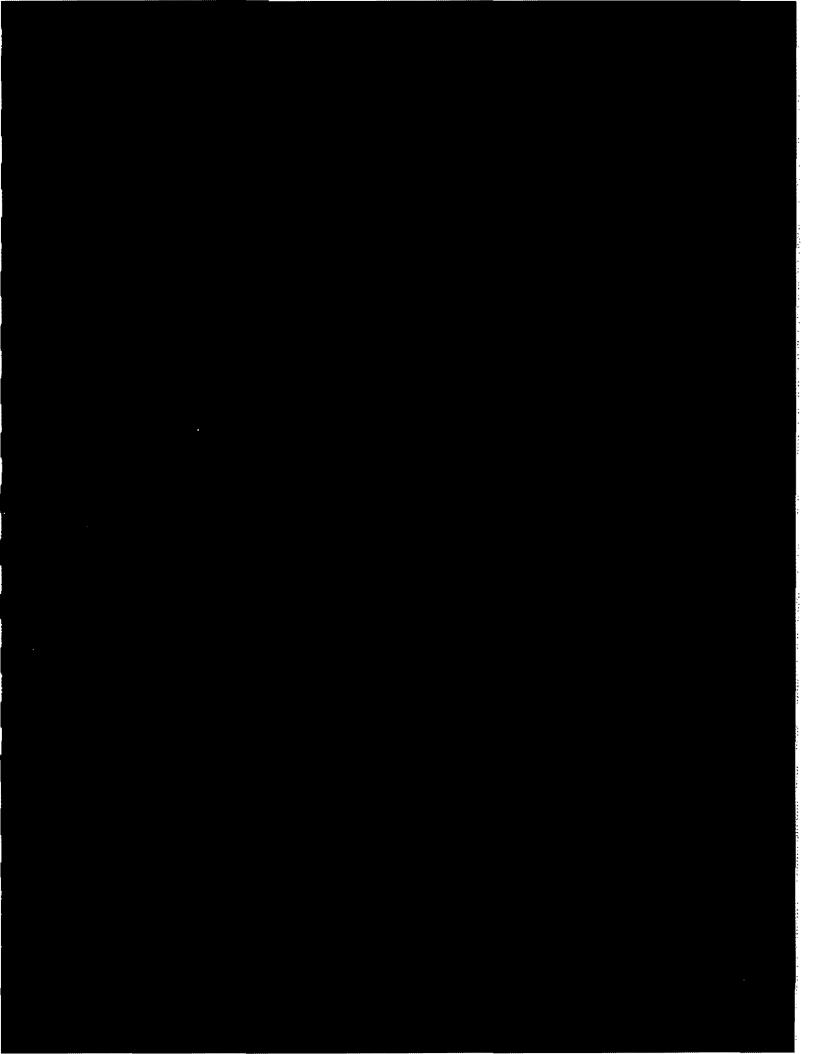
Eddie Taw__

Asbestos Consultant

Receiver's Signature

11-16-01 8:00 em

Date



PLM REPORT

Steve Moody Micro Services, Inc. 1510 Randolph, Suite 602 Carrollton, Texas 75006 (972) 446-9482

NVLAP Lab No. 102056 TDH License No. 30-0084

PAT ID# 102577

Client:

ETI Environmental Services

Lab Job No.: x1B-12300

Project:

15113 Surveyor Blvd.

Report Date: 11/17/2001

Project #:

Not Provided

Sample Date: 11/14/2001

Identification: Asbestos, Bulk Sample Analysis

Test Method: Polarized Light Microscopy / Dispersion Staining (PLM/DS)

EPA Method 40 CFR, Ch. 1, Pt. 763, Subpt. F, App. A

Page 1 of 2

On 11/16/01, twelve (12) bulk material samples were submitted by Eddie Taw of ETI Environmental Services for asbestos analysis by PLM/DS. Copies of the lab data sheets are attached; additional information may be found therein. The results are summarized below:

ample Number	Client Sample Description / Location	Asbestos Content
1138-1	Wall Material	None Detected - Drywall Material
		None Detected - Texture
1138-2	2' x 4' Ceiling Panel	None Detected - Ceiling Tile
1138-3	Wall Material on Tape & Bedding Material on Sheetrock	None Detected - Drywall Material
		None Detected - Joint Compound
		None Detected - Texture
1138-4	12" x 12" Floor Tile with Yellow Glue	None Detected - Yellow Mastic
		None Detected - Floor Tile
		None Detected - Yellow Mastic
		None Detected - Brown Mastic
1138-5	12" x 12" Floor Tile with Yellow Glue	None Detected - Yellow Mastic
		None Detected - Floor Tile
		None Detected - Yellow Mastic
		None Detected - Brown Mastic
113 S-6	Carpet over 12" x 12" Floor Tile with Yellow Glue	None Detected - Carpet
		None Detected - Yellow Mastic
		None Detected - Floor Tile
		None Detected - Yellow Mastic
1138-7	2' x 4' Ceiling Panel	None Detected - Ceiling Tile
113S-8	Wall Material on Tape & Bedding Material on Sheetrock, Rest Room	None Detected - Joint Compound
		None Detected - Wall Covering
113S-9	Wall Material	None Detected - Drywall Material
		None Detected - Texture
1138-10	Wall Material	None Detected - Drywall Material
		None Detected - Texture

PLM REPORT

Steve Moody Micro Services, Inc. 1510 Randolph, Suite 602 Carrollton, Texas 75006 (972) 446-9482

NVLAP Lab No. 102056 TDH License No. 30-0084 PAT ID# 102577

Client:

ETI Environmental Services

Lab Job No.: x1B-12300

Project:

15113 Surveyor Blvd.

Report Date: 11/17/2001

Project #:

Not Provided

Sample Date: 11/14/2001

Identification: Asbestos, Bulk Sample Analysis

Test Method: Polarized Light Microscopy / Dispersion Staining (PLM/DS)

EPA Method 40 CFR, Ch. 1, Pt. 763, Subpt. F, App. A

Page 2 of 2

On 11/16/01, twelve (12) bulk material samples were submitted by Eddic Taw of ETI Environmental Services for asbestos analysis by PLM/DS. Copies of the lab data sheets are attached; additional information may be found therein. The results are summarized below:

Sample Number	Client Sample Description / Location	Asbestos Content
1138-11	Wall Material on Tape & Bedding Material on Sheetrock	None Detected - Drywall Material None Detected - Joint Compound None Detected - Texture
1138-12	2' x 4' Ceiling Panel	None Detected - Ceiling Tile
11 3S-8	QC Sample	None Detected-Joint Compound None Detected-Texture None Detected-Wall Covering

These samples were analyzed by layers. Quantification, unless otherwise noted, is performed by visual estimate. Results may not be reproduced except in full. This test report relates only to the samples tested. These test results do not imply endorsement by NVLAP or any agency of the U.S. Government. Accredited by the National Voluntary Laboratory Accreditation Program for Bulk Asbestos Fiber Analysis under Lab Code 102056.

Analyst:

Steve Moody

Lab Director: Steve Moody

Approved Signatory:

---- Thank you for choosing Skeve Moody Micro Services

Steve Moody Micro Se TDH License No. 30-0084	rvices, Inc.		Bulk As EPA Method 40 C	ibestos Ar FR, Ch. 1, P					NVLAP La	b No. 102056
Client: ETI En	vironmental S	Servic	es							
Project: 15113	Surveyor Bivo	1.								
Project#: Not Pr	ovided		Lab Job#: x1B-1	12300	Sample	# : 1135-1				
Client Sample Descripti	on: Wall M	ateria	al .						Pa	ge 1 of 1
Layer I Drywali Ma	nterial		Stereoscopic Ex			Texture	Homogeneous	alet rat		8/ 2850
			Whi	- Aller and the second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second		Blocky	YES	3	ND	90
PLM Examination	nis %			Co	lor hroism	Paralici Ref. Index	Perpendicular Ref. Index	Biref	Extinction	Sign of Elongation
Compone Cellulose Fibers			Morphology ribbons	7 11000	AUOISIII	REI, HIVEX	Aci. muex	high	Angle	Eluigation
Gypsum / Binde			Non-fibrous	Į			N D-4			
Prep/treatment: m	ecnanicai sepe	<u>_</u>	·		AST	estos Content :				
Layer 2 DW Paper	Facing		Stereoscopic Ex	carn						
			Cole Ta			Fexture Fibrous	Homogeneous YES	? % Fibro	us % Asbestos ND	% of Sample 5
PLM Examination		1-1		T Co		Parallel	Perpendicular		Extinction	Sign of
Compone		+/	Morphology	1	hroism	Ref. Index	Ref. Index	Biref	Angle	Elongation
Cellulosa Fibers	<u> </u>		ribbons			<u> </u>		high 	<u> </u>	
Prop/treatment: m	echanical sepe	ration —			Adi 	bestos Content:		cted		
Layer 3 Texture			Stereoscopie Ex	Carro						W. 400
			Cole)[Texture Blocky	Homogeneous YES	? % Fibro	us % Asbestos ND	% of Sample 5
PLM Examination		,			77					
Compone Calcite / Talc / B		+/-	Morphology Non-Fibrous	Co / Pleoc	lor hroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
Prep/treatment: m					Asl	pestos Content :	None Dete	cted		.·
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Steve Moody Micro Services, Inc.

Bulk Asbestos Analysis Sheet

TDH License No. 30-0084

EPA Method 40 CFR, Ch. 1, Pt. 763, Subpt. F, App. A

NVLAP Lab No. 102056

Client:

ETI Environmental Services

Project:

15113 Surveyor Blvd.

Project #:

Not Provided

Lab Job#: x1B-12300

Sample #: 113S-2

Client Sample Description : 2' x 4' Ceiling Panel

Page 1 of 1

Layer 1 Ceiling Tile

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Light Grey	Fibrous	YES	80	ND	190

PLM Examination

	-								
				Color	Paralici	Perpendicular		Extinction	Sign of
Components	%	+/-	Morphology	/ Pleochroism	Ref. Index	Ref. Index	Biref	Angie	Elongation
Cellulose Fibers	70		ribbons				high		
Mineral Wool Fibers	14	ì	Rods				0		
Perlite	21	Ì	Glass Foam				O		

Prep/treatment: mechanical separation

Asbestos Content: None Detected

Comments:

Steve Moody Analyst:

11/17/01 Date Analyzed:

Lab Job#: x1B-12300 | Sample #: 113S-2

TOH L	Moody Micro Services, I icense No. 30-0084	nc.		Bulk As EPA Method 40 CI	bestos Analysis FR, Ch. 1, Pt. 763,				NVLAP Lai	No. 102056
Client	: ETI Environme	ental S	Servic	es						
Projec	i: 15113 Surveyo	or Blvt	1.							j
Projec	t#: Not Provided			Lab Job#: x1B-1	2300 Sarny	le#: 113S-3				
Client	Sample Description: V	Vali M	ateria	il on Tape & Bed	ding Material o	n Sheetrock			Pa	ge 1 of 1
Layer	Drywail Material			Stereoscopie Ex	***************************************					
				Colo		Texture Blocky	Homogeneous YES	7 % Fibro 2	us % Asbestos ND	% of Sample 65
	PLM Examination			L	<u> </u>		<u> </u>			
	Components	%	+/	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
	Glass Wool Fibers			Rods				0		<u> </u>
	Cellulose Fibers	96	-	ribbons				high		
	Gypsum / Binders	98	1	Non-fibrous			J			<u> </u>
	Prep/treatment : mechanica	d sepa 	ration 			Asbestos Content :	None Dete	cted		
Layer	2 DW Paper / Tape			Stereoscopic Ex	am					
				Colo	ar .	Texture	Homogeneous	? % Fibro	us % Asbestos	% of Sample
				Tan / W	Mite	Fibrous	YES	100	ND	5
İ	PLM Examination				O-1	D	m	***************************************	F-4	6
	Components	%	+/	Morphology	Color / Picochroism	Parallel Ref. Index	Perpendicular Ref. index	Biref	Extinction Angle	Sign of Elongation
	Cellulose Fibers	100		ribbens	FRIAMULNI	Rei. BREK	RCL IBGCA	high	Alge	Ciorganon
l			1	(000001100	A		<u> </u>	***************************************		
Layer	3 Joint Compound			Stereoscopie Ex Colo	f	Texture Blocky	Homogeneous	2 % Fibro	ous % Asbestos	% of Sample
İ	PLM Examination			ARIM	<i>w</i>	Brocky	169	I RD		
			Π		Color	Parallel	Perpendicular		Extinction	7 6:
	Components Calcite / Talc / Binders	% 100	+/-	Morphology Non-Fibrous	/ Pleochroism	Ref. Index	Ref. Index	Biref	Angle	Sign of Elongation
	Components Calcite / Tale / Binders Prep/treatment : mechanica	100		Morphology Non-Fibrous		Ref. Index Asbestos Content:	Ref. Index			
	Calcite / Talc / Binders Prep/treatment : mechanica	100		Non-Fibrous	A 14111		Ref. Index			
Layer	Calcite / Talc / Binders	100		Non-Fibrous Stereoscopic Ex	SAG1	Asbestos Content :	Ref. Index None Dete	cted	Angle	Elongation
Layer	Calcite / Talc / Binders Prep/treatment : mechanica	100		Non-Fibrous Stereoscopic Ex	am r	Asbestos Content :	None Dete	cted	Angle	Elongation
Layer	Calcite / Tate / Binders Prop/treatment : mechanica 4 Texture	100		Non-Fibrous Stereoscopic Ex	am r	Asbestos Content :	Ref. Index None Dete	cted	Angle	Elongation
Layer	Calcite / Talc / Binders Prep/treatment : mechanica	100		Non-Fibrous Stereoscopic Ex	am r	Asbestos Content :	None Dete	cted	Angle	Elongation
Layer	Calcite / Talc / Binders Prep/treatment : mechanica 4 Texture PLM Examination	100	ration	Stereoscopic Ex Colo Whi	cam r te	Asbestos Content : Texture Blocky Parallel	None Dete	cted	Angle Washestos ND Extinction	% of Sample 5 Sign of
Layer	Calcite / Tate / Binders Prep/treatment : mechanica 4 Texture PLM Examination Components	100 d sepa % 100	ration	Stereoscopic Ex Colo Whit	Color / Pleochroism	Asbestos Content : Texture Blocky Parallel	None Dete	cted ? % Fibro ND Biref	Angle Washestos ND Extinction	% of Sample
Layer	Calcite / Tate / Binders Prep/treatment : mechanica 4 Texture PLM Examination Components Calcite / Tale / Binders	100 d sepa % 100	ration	Stereoscopic Ex Colo Whit	Color / Pleochroism	Texture Blocky Parallel Ref. Index	None Dete	cted ? % Fibro ND Biref	Angle Washestos ND Extinction	% of Sample
Layer	Calcite / Tate / Binders Prep/treatment : mechanica 4 Texture PLM Examination Components Calcite / Tale / Binders	100 d sepa % 100	ration	Stereoscopic Ex Colo Whit	Color / Pleochroism	Texture Blocky Parallel Ref. Index	None Dete	cted ? % Fibro ND Biref	Angle Washestos ND Extinction	% of Sample
Layer	Calcite / Tate / Binders Prep/treatment : mechanica 4 Texture PLM Examination Components Calcite / Tale / Binders	100 d sepa % 100	ration	Stereoscopic Ex Colo Whit	Color / Pleochroism	Texture Blocky Parallel Ref. Index	None Dete	cted ? % Fibro ND Biref	Angle Washestos ND Extinction	% of Sample 5 Sign of
	Calcite / Tate / Binders Prep/treatment: mechanica 4 Texture PLM Examination Components Calcite / Tale / Binders Prep/treatment: mechanica	100 d sepa % 100	ration	Stereoscopic Ex Colo Whit	Color / Pleochroism	Asbestos Content : Texture Blocky Parallel Ref. Index Asbestos Content :	None Dete- Homogeneous YES Perpendicular Ref. Index	cted 7 % Fibro ND Biref	Angle Washestos ND Extinction	% of Sample 5 Sign of
	Calcite / Tate / Binders Prep/treatment : mechanica 4 Texture PLM Examination Components Calcite / Tale / Binders	100 d sepa % 100	ration	Stereoscopic Ex Colo Whit	Color / Pleochroism	Asbestos Content : Texture Blocky Parallel Ref. Index Asbestos Content : Date Analyza	Ref. Index None Dete- Homogeneous YES Perpendicular Ref. Index None Dete-	cted River Biref cted	Angle Washestos ND Extinction	% of Sample 5 Sign of Elongation

	Moody Micro Services, II cense No. 30-0084	nc.		Bulk As EPA Method 40 C	ibestos Analys FR, Ch. I, Pt. 760				_NVLAP Lat	No. 102056
Client:	: ETI Environme	ntal S	Servic	es						
Project	: 15113 Surveyo	r Blv	d.							
Project	#: Not Provided			Lab Job#: x1B-1	2300 San	nple#: 1135-4				
Client :	Sample Description: 1	2" x 1	2" Fl	oor Tile with Yell	ow Glue				Pag	ge 1 of 1
_								- www.	***************************************	
Layer	1 Yellow Mastic			Stereoscopic Ex Colo		Textore	Homogeneous	o Cit	walkir Ambanian	or ne Consulta
				Yelk	~ 	Rubbery	YES	ND	ND	S S
	PLM Examination			· · · · · · · · · · · · · · · · · · ·			·			
	Components	%	+1-	Morphology	Color / Pleochrois	Parallel m Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
	Glue Binders	100		Non-fibrous	7 I IOOOII QES			1,721-0.1	rugu	Laungarou
	Prep/treatment : beat / melt			×	·····	Asbestos Conten	: None Dete	cted	en com many —	
Layer	2 Floor Tile			Stereoscopic Ex	7459					
				Colo		Texture	Homogeneous	? % Fibro	ıs % Asbestos	% of Sample
	74345			Light	Tan	Hard	YES	מא	ND	80
	PLM Examination	T	Ţ -		Color	Paralici	Perpendicular		Extinction	Sign of
	Components	%		Morphology	/ Pleochrois	4		Biref	Angle	Elongation
	Calcite / Vinyl Binders	100	I L	Non-fibrous				high		
	Prep/treatment : heat / molt	****		N Separah Makasar amanan Napanga Makabal S	······ — ·····	Asbestos Content	: None Dete	cted	- Annua 44400 444 <i>0</i> F	
Layer	3 Yellow Mastic			Sterooscopic Es			мадан			
				Cole		Texture Rubbery	Homogeneous YES	7 % Fibros	rs % Asbestos ND	% of Sample 5
	PLM Examination			1914	199	гдиня	1 63	1 6422	(40	<u> </u>
		7.			Color	Paralici	Perpendicular	***	Extinction	Sign of
	Components Glue Binders	100	+/-	Morphology Non-fibrous	/ Pleochrois	n Ref. Inde	Ref, Index	Bircf	Angle	Elongation
	Prep/treatment : heat / melt					Asbestos Conten	: None Dete	cted		
Layer	4 Brown Mastic			Ctamana amaia Fa						00A-00C-00C-00C-00C-00C-00C-00C-00C-00C-
PHACI	- DIOMII INGGUO			Stervescopic Ex		Texture	Homogeneous	?% Fibro	s % Asbestos	% of Sample
				Brow	····	Hard	YES	ND	NO	10
	PLM Examination Components	%	+/-	Morphology	Color / Pleochrois	Parallel no Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
	Glue Binders	100	<u>1_</u>	Non-fibrous					<u></u>	<u> </u>
:	Prep/treatment : heat / melt					Asbestos Content	: None Dete	cted		

							•			
										-
Comm	pents :					Analyst : Date Analy	Støve Mo	ody 17/01	N	V

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	<i>Moody Micro Services, In</i> icense No. 30-0084	ic.			bestos Analysis ! R, Ch. 1, Pt. 763, S				NEG AD Lat	Na 1030CE
					K, CII. 1, FE 703, 31	ropt r, App. A	hitida and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second and a second a second and a second and a second and a second and a second and a second and a second and a second and a second and a second an	WMM	JAAL CH	No. 102056
Client	: ETI Environme	nțai S	ervn	ces .						
Project	t: 15113 Surveyo	r Blvc).							
Project	#: Not Provided			Lab Job#: x1B-1	2300 Sample	:#:113S-5				
Client	Sample Description: 12	2" x 1	2" Fl	oor Tile with Yelle	ow Glue				Pag	ge 1 of 1
				_						
Layer	1 Yellow Mastic			Stereoscopic Ex Colo		Texture	Homogeneous	7 % Fibro	us % Asbestos	% of Sample
	PLM Examination			Yello		Rubbery	YES	ND	ND	5
		T			Color	Parallel	Perpendicular		Extinction	Sign of
	Components Glue Binders	100	+/-	Morphology Non-fibrous	/ Pleochroism	Ref. Index	Ref. Index	Biref	Angle	Elongation
	Prep/tréatment : heat / melt				A	sbestos Content :	None Deter	cted		
				- water		· — — — —	*****			
Layer	2 Floor Tile			Stereoscopic Ex Colo		Texture	Homogeneous	2% Filon	ne % Acheetos	PZ of Samule
	TO 6 2 45			Bloc		Hard	YES	DN	ND ND	80
	PLM Examination	T			Color	Parallel	Perpendicular		Extinction	Sign of
	Components Calcite / Vinyl Binders	100	+/-	Morphology Non-fibrous	/ Pleochroism	Ref. Index	Ref. Index	Biref high	Angle	Elongation
	Prep/ireatment : heat / melt				A	sbestos Content :	None Deter	cted		
				and the same to the same same to the same same same same same same same sam	<u></u>	m. 3666. 3000 aug.			<u> </u>	
Layer	3 Yellow Mastic			Stereoscopic Ex	***************************************					
	;			Colo Yello		Texture Rubbery	Homogeneous YES	? % Fibrou ND	us % Asbestos ND	% of Sample 5
	PLM Examination			1	Color	Parallei	Perpendicular		Extinction	Sign of
	Components Glue Binders	% 100	+/-	Morphology Non-fibrous	/ Pleochroism	Ref. Index	Ref. Index	Biref	Angle	Elongation
		[(100	11	AGHINOLS			L			·
	Prop/treatment: heat / melt			·	A:	sbestos Content :	Moue nega			
Laver	4 Brown Mastic			Stereoscopic Ex	am					
2007.01	1 CONTRACTOR			Colo	r	Texture	Homogeneous			
	PLM Examination			Brow	<u> </u>	Hard	YES	<u>an</u>	ND	10
	Components	%	4/	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Bircf	Extinction Angle	Sign of Elongation
	Glue Binders	100		Non-fibrous					•	
	Prop/treatment : heat / melt				A	sbestos Content:	None Deter	cted		1
				mer smaller believed growth reduction recomme wa		·	4000			
1										
Comm	nents:					Analyst: Date Analyza	Steve Moded: 11/1	ody 17/01	M	
						Lab Job# :	x1B-1230	0 Sampl	le#: 113S	-5

	Moody Micro Services, In icense No. 30-0084	c.		Bulk Asb EPA Method 40 CFI	estos Analysis R, Ch. 1, Pt. 763, S		Million Company		NVLAP Lal	Na. 102056
Client	EII Environmen	ntal \$	Servi	ices						
Project	: 15113 Surveyor	Blv	d.							
Project	#: Not Provided			Lab Job#: x1B-12	300 Samp	le#: 113S-6				· ·
Client	Sample Description: Ca	arpei	t ov e	er 12" x 12" Floor Ti	le with Yellow	Glue			Pa	ge 1 of 1
Layer	1 Carpet			Stereoscopic Exa	in .					
				Color		Texture Fibrous	Homogeneous YES	?% Fibro 85	us % Asbestos ND	% of Sample 65
	PLM Examination			****						
	Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
	Synthetic Fibers	8		Monofilaments	7 A CACHOLINA	1000	Itel. Biblio	DHUI	730,510	2.500 Pariton
	Glue Binders	1		Non-fithrous						
	Prep/treatment: mechanical	sepa	ratio	T		Ashestos Content:	None Detec	cted		
Layer	2 Yellow Mastic			Stereoscopic Exa	TÔ					
				Color		Texture	Homogeneous	7 % Fibro	us % Asbestos	% of Sample
	DI LE Commination			Yellov	<u> </u>	Rubbery	YES	ND	ND	5
	PLM Examination	T	_		Color	Parallel	Perpendicular	***************************************	Extinction	Sign of
	Components	7/6	+/-	Morphology	/ Pleochroism	Ref. Index	Ref. Index	Biref	Angic	Elongation
	Glue Binders	101		Non-fibrous					***************************************	
	Prep/treatment : heat / melt	*** ****	when	ANAN WUU ALAL WING MANAN		Asbestos Content :	None Dete	cted	MANU VANITO TITORE MANUEL	
Layer	3 Floor Tile			Stereoscopic Exa	m					
				Color		Teduc	Homogeneous			
	PLM Examination			Black		_ Hard	YES	_ ND	ND	30
	Components Calcite / Vinyl Binders	% 100		Morphology Non-fibrous	Color / Pleochroism	Parellel Ref. Index	Perpendicular Ref. Index	Biref Nigh	Extraction Angle	Sign of Elongation
	Prep/treatment : heat / melt	101	1	NOTHENOUS		Asbestos Content :	None Dete	-		
***************************************			-		44400		ANNE AUG			
Layer	4 Yellow Mastic			Stereoscopic Exa			- -	alac min	br a s	n/ 60 L
				Cotor		Texture Rubbery	Homogeneous YES	7% Fibro	ND	% (if Sample <1
	PLM Examination									
	Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
	Glue Binders	100		Non-fibrous						
	Prop/ireatment; heat / melt	pper :	_			Asbestos Content :	None Deter	cted		
										I
										ţ
										Ì
]
Солл	nents:		***************************************			Analyst : Date Analyze	Steve Mod	ody 17/01	SI	<u>ا</u>

Steve Moody Micro Services, Inc.

Bulk Asbestos Analysis Sheet

TDH License No. 30-0084

EPA Method 40 CFR, Ch. 1, Pt. 763, Subpt. F, App. A

NVLAP Lab No. 102056

Client:

ETI Environmental Services

Project:

15113 Surveyor Blvd.

Project#:

Not Provided

Lab Job#: x1B-12300

Sample #: 113S-7

Client Sample Description: 2' x 4' Ceiling Panel

Page 1 of 1

Layer I Ceiling Tile

Stereoscopic Exam

Homogeneous? % Fibrous % Asbestos % of Sample
YES 80 ND 100 Color Texture Light Grey Fibrous

PLM Examination

A LATE AND AND AND AND AND AND AND AND AND AND									
				Color	Parallel	Perpendicular		Extinction	Sign of
Composecuts	1/6	+/-	Morphology	/ Picochroism	Ref. Index	Ref. Index	Biref	Angle	Elongation
Cellulose Fibers	70		ribbons				high		
Mineral Wool Fibers	10		Rods				Q		
Perlite	20		Glass Foam				0		1

Prep/treatment: mechanical separation

Asbestos Content: None Detected

Comments:

Steve Moody Analyst: 11/17/01 Date Analyzed:

W

Lab Job#: x1B-12300 Sample#: 113S-7

	<i>Moody Micro Services, I</i> cense No. 30-0084	nc.		Bulk Asi EPA Method 40 CF	bestus An R. Ch. I. P					NVLAP Lab	No. 102056
Client:	ETI Environme	antal S	ervi					, , , ,			
Project	: 15113 Surveyo	x Biyo	L.								
Project	#: Not Provided			Lab Job#: x1B-1	2300	Sample	# : 113S-8				
Client :	Sample Description: V	Yall M	ateri	al on Tape & Bede	iing Mate	rial on	Sheetrock, I	Rest Room		Pag	e 1 of 1
	THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PERSON NAMED IN THE PE	***************************************		**************************************		***************************************		***************************************			THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE PARTY OF THE P
Layer	1 Joint Compound			Starcoscopia Ex Colo		-	Textore	Homograpous	W. Dibere	un Mala de Santona	K of Somale
				Yhii			Blocky	YES	NO	ND ND	60
	PLM Examination				Col	lar	Paralici	Perpendicular		Extinction	Sign of
	Components Calcite / Talc / Binders	% 100	+/-	Morphology Non-Fibrous	/Picoc	hrvison	Ref Index	Ref. Index	Biref	Angle	Elongation
			LL				<u> </u>				<u> </u>
	Prep/treatment : mechanica	Separ	abor)		Ad 	estos Content :	None Detec	#ed 		
Tarme	2 DW Tape			S tereoscopii e Ex							
Layu	z Des rape			Colo		•	Centime	Homogramous	% Fibro	us % Asbestos	% of Sample
	PLM Examination			V			-tbrous	YES	100	ND	15
		*	[]		Col / Pieco		Parafici	Papendicolar	Biref	Extinction	Sign of
	Compuncuts Cellulose Fibers	100		Morphology ribbons	/ PEAC	IN COMM	Ref. Index	Ref. Index	Dight	Angle	Elongation
	Prep/treatment : mechanica	i sepai	ation	1		Asl	restos Content :	None Detec	:ted		
							<u> </u>				
Layer	3 Wall Covering			Sterenscopic Ex	202 1						
	•			Colo			Cooling	Elomogramous'	% Fibro	zs % Asbestos ND	% of Sampic 25
	PLM Examination			Light V			Tough	YES	<u> </u>		
	Components	*	+/-	Morphology	Col / Piecci		Parallel Ref. Index	Perpendicular Ref. Index	Bircf	Extinction Angle	Sign of Elongation
	Cellulose Fibers Vinyl Facing	50 50		anoddin Sucrdib-noM					high		
			łŁ				<u> </u>				L
	Prep/treament : mechanica	# Super	ratilo:	I		Asl 	bestos Content:	None Detec	:ted 		
								-			
Conm	rents :			- Add			Analyst: Date Analyz	Steve Mod	xdy 7/0/1	SII	~
								x1B-12300		le#: 1135	-8

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TDH L	<i>Moody Micro Services, In</i> icense No. 30-0084	lC.			sbestos Analy CFR, Ch. I, Pt. 7	/sis Sheet 63, Subpt. F, App. /			NVLAP Lat	No. 102056
Client	: ETI Environme	ntal S	ervi							
Project	: 15113 Ѕшгvеуол	Bivo	i.		•					
Project	#: Not Provided			Lab Job#: x1B-	12300 S	ımple# ; 113S-9				
Client	Sample Description: W	ali M	ater	al					Pa	ge 1 of 1
Layer	Drywall Material			Sterenscopie E	ixam .					
-	•			Col		Texture Blocky	Homogeneous YES	2 % Fibro	us % Asbestos ND	% of Sample 90
	PLM Examination		1 1	<u> </u>					<u> </u>	
	Components	%	+/-	Merphology	Color / Pleachm	Parallei ism Ref. Inde	Perpendicular x Ref. Index	Biref	Extinction Angle	Sign of Elougation
	Glass Wool Fibers Cellulose Fibers	2		Rods				0 high	***************************************	
	Gypsum / Binders	96		Non-fibrous				गस्तुध		
	Prep/treatment: mechanical	sepa:	ratio	1	COMMITTER STATES SERVICE	Asbestos Contes	t: None Dete	cted	···· — — —	Marcela Colorido Company
Layer	2 DW Paper Facing			Stereoscopic E						
				Co	lor an	Texture Fibrous	Homogeneous YES	? % Fibro	us % Asbestos ND	% of Sample 5
	PLM Examination									
	Components	%	+/-	Morphology	Color / Pleochro	Parallel ism Ref. Inde	Perpendicular x Ref. Index	Bircf	Extinction Angle	Sign of Elongation
	Cellulose Fibers	100		ribbons				high		
Layer	Prep/treatment : mechanical 3 Texture	sepe i 	ratio	Stereoscopic E			i: None Dete	v::::		
				Co	ite ite	Texture Blocky	Homogeneous YES	7 % Fibro	nis % Asbestos ND	% of Sample 5
				i W A						
	PLM Examination			L. MA		1				
	PLM Examination Components Calcite / Talc / Binders	% 100	+	Morphology Non-Fibrous	Color / Picochro	Paralici ism Ref. Inde	Perpendicular x Ref. Index	Biref	Extinction Angle	Sign of Elongation
	Components	100		Morphology Non-Fibrous	Color	ism Ref. Inde			1	
	Components Calcite / Talc / Binders	100		Morphology Non-Fibrous	Color	ism Ref. Inde	x Ref. Index		1	
Сопп	Components Calcite / Talc / Binders Prep/treatment : mechanical	100		Morphology Non-Fibrous	Color	ism Ref. Inde	x Ref. Index t: None Dete	cted	1	Elongation

	Moody Micro Services, In icense No. 30-0084	tc.		Bulk Asb EPA Method 40 CFR						NVLAP Lal	no. 102056
Client	: ETI Environme	ntal S	iervi			***************************************					
Project	t: 15113 Surveyor	r Blvd	1.								manana wa ana an
Project	t#: Not Provided			Lab Job#: x1B-12	300	Sample	# : 113S-10				n (Made and A)
Client	Sample Description: W	/all M	ater	ial						Pa	ge 1 of 1
Layer	1 Drywall Material			Stereoscopic Exar	7					_	
				Calor		L	Cexture	Homogeneous			
	PLM Exemination			Wide			Blocky	YES	3	ND ND	96
	2.273, 2.47341341341322				Col	lor	Parallel	Perpendicular	Ţ	Extinction	Sign of
	Components	%	-	Morphology	/ Pleac	broism	Ref. Index	Ref. Index	Bircf	Angle	Eloogation
	Celfulose Fibers Gypsum / Binders	95		ribbons Non-fibrous					<u>high</u>		
	sypsum romans		L	ROI-IDROUS	************		1		1		┸
	Prep/treatment: mechanical	sepe	ratio	T-	agence which w	Ast 	estos Content :	None Detec	eted		
Layer	2 DW Paper Facing			Stereoscopic Exan	n						
•	-			Color			l'exture	Homogeneous	7 % Fibro	us % Asbestos	% of Sample
	#54 15 m 4/4			Tan		F	ibrous	YES	100	ND	5
	PLM Examination	т—			Col	loc	Parallei	Perpendicular	T	Extinction	Sign of
	Components	%	+/-	Morphology	/ Pleoc		Ref. Index	Ref. Index	Bircf	Angle	Elongation
	Cellulose Fibers	100		ribbons		***************************************			high		
ratuur angerega gang	Prep/treatment : mechanical	sepe	ratio	n 	deletelen verrenne ve	Ash 	estos Content :	None Detec	ted		
Layer	3 Texture			Stereoscopic Exam	<u> </u>						,
				Color White		<u> </u>	Cexture Blocky	Homogenous YES	? % Fibro	as % Asbestos ND	% of Sample 5
	PLM Examination			XVIIIO	***************************************		- AUGA-J		i ne		
					Col			Perpendicular		Extinction	Sign of
	Components Calcite / Talc / Binders	100	+/-	Morphology Non-Fibrous	/ Pleoc	hroism	Ref. Index	Ref. Index	Biref	Angle	Elongation
	Carcini/ rais / Dingers	IV	.	MUIE-FUNDES			<u> </u>				L
	Prep/treatment : mechanical	sepa:	ratio	<u> </u>	titutute eenem on	Ast	estos Content :	None Detec	ted		
							3				
				•							
											-
Comm	nenis :						Analyst: Date Analyze	Steve Mod	ody 17/01		W

	Moody Micro Services, I	nç.			bestos An	-					
TDH L	icense No. 30-0084	···		EPA Method 40 C	FR, Ch. 1, Pt	± 763, Su	bpt, F, App. A			NVLAP La	No. 102056
Client	: ETI Environme	ntal S	Servi	ces							
Project	: 15113 Surveyo	r Blyd	j.								
Project	#: Not Provided			Lab Job# : x1B- 1	2300	Sample	# : 113S-11				
Client	Sample Description: V	íali M	ater	ial on Tape & Bed	dina M ata	rial on	Sheetmak			Par	ge 1 of 1
•				The second second	21119 2000		OHOUL VOR				go . v
Layer	1 Drywall Material			Stereoscopie E	czin						
				Cole Whi			Texture Blocky	Homogeneous YES	? % Fibro	us % Asbestos ND	% of Sample 85
	PLM Examination			£				· · · · · · · · · · · · · · · · · · ·			
	Components	%	+/-	Morphology	Col / Picoci		Parallel Re£ Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
	Glass Wool Fibers Gypsum / Binders	98		Rods Non-fibrous		w/			0		
l	Prep/treatment : mechanical	l sena	raticu			Aci	bestos Content:	None Dete	cted		A
*** **** ***									***** ***** ****		
Layer	2 DW Paper / Tape			Stereoscopie E	CAILLE						
	•			Cok			Texture	Homogeneous			
	PLM Examination			Tan/V	vnite j		Tibrous	YES	100	GM	5
	Components	%	+/-	Morphology	Col / Pleoch		Paralici Re£ Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
	Cellulose Fibers	100		ribbons					high		
	Prep/treatment : mechanica	sepe	ratio	1		Asi	bestos Content:	None Dete	cted		
			a. /								
Layer	3 Joint Compound			Stereoscopic E	(am						
				Cole	·	***************************************	ředine Blocky	Homogeneous YES	7 % Fibro	us % Asbestos ND	% of Sample 5
	PLM Examination		, ,								
	Components	%	+/-	Morphology	Col / Plcoch		Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
	Calcite / Talc / Binders	100	<u> </u>	Non-Fibrous	<u>L</u>		<u> </u>	J		V * * * * * * * * * * * * * * * * * * *	<u> </u>
	Prep/treatment : mechanica	sepa:	ratio	n		Asi	bestos Content:	None Dete	cted		
Layer	4 Texture			Stereoscopic Ex			Tedere	Homogeneous	2 % Filony	rc 0/4 Achretre	% of Samule
				Whi			Blocky	YES	ND	ND	5
	PLM Examination		F 1		Col	or	Parallel	Perpendicular		Extinction	Sign of
	Components Calcite / Talc / Binders	100	+/-	Morphology Non-Fibrous	/ Pleaci		Ref. Index	Ref. Index	Biref	Angle	Elongation
			·		<u> </u>		1	<u></u>			<u> </u>
· · · · · · · · · · · · · · · · · · ·	Prep/treatment : mechanica	sepa:	ratio	T		Asi 	bestos Content :	None Dete	cted		
· · · · · · · · · · · · · · · · · · ·							A	Chara Ma	netia	W	<u></u>
Comn	Kants :						Analyst: Date Analyza	Steve Model: 11/	oay 17/01	Si	L
								×1B-1230	9 Sampl	e#: 113S	-11

•

*** *** * * Steve Moody Micro Services, Inc. TDH License No. 30-0084

Bulk Asbestos Analysis Sheet

EPA Method 40 CFR, Ch. 1, Pt. 763, Subpt. F, App. A

NVLAP Lab No. 102056

Client:

ETI Environmental Services

Project:

15113 Surveyor Blvd.

Project #:

Not Provided

Lab Job#: x1B-12300

Sample #: 113S-12

Client Sample Description: 2' x 4' Ceiling Panel

Page 1 of 1

Layer 1 Ceiling Tile

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Light Grey	Fibrous	YES	80	ND	100

PLM Examination

1 DATE DIRECTION OF THE									
				Color	Parallel	Perpendicular		Extinction	Sign of
Components	%	+/-	Morphology	/ Pleochroism	Ref. Index	Ref. Index	Biref	Angle	Elongation
Cellulose Fibers	60		ribbons				high		
Mineral Wool Fibers	20	1	Rods				0		
Perlite	21		Glass Foam				Ð		

Prep/treatment: mechanical separation

Asbestos Content: None Detected

Comments:

Steve Moody Analyst:

Date Analyzed:

11/17/01

Sh

Lab Job#: x1B-12300 | Sample #: 113S-12

	Moody Micro Services, 1 casell 30-008	nc.			Analysis Sheet ahod 600/R-93/116				NVLA	P Lab# 2056
Client :	QC SAMPLES				•					
Sample	#: x1B-12300*113	S-8								MAKAHAMATAN KANANAN KANANAN KANANAN KANANAN KANANAN KANANAN KANANAN KANANAN KANANAN KANANAN KANANAN KANANAN KA
Sample	Analysis:									
Layer	I Joint Compound			Steroscopic Exam						
-	·			Color	Texture		Homogeneous			
	PLM Examination			White	Blocky	<u> YES</u>	YES	ND	ND	55
	Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref, Index	Biref	Extinction Angle	Sign of Elongation
	Calcite / Talc / Binders	100	• 3	Non-Fibrous	/ FROGISCISS	RCL MOCA	RCL DUZLA	BRCI	Willie	Elvigation
	Prep/treatment : mechanica	d separ	atio 	n 	Asbe	stos Content :	None Dete	cted		
Layer	2 DW Tape			Stereoscopic Exam						
				Color	Texture		Homogeneous			
	PLM Examination			White	Fibrous	YES	YES	100	ND	10
	Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
	Cellulose Fibers	100		กับของกร				high		
	Prep/treatment : mechanica	i separ	atio	ń 	Astre	stos Content :	None Dete	cted		
						my mag				
Layer	3 Texture			Stereoscopie Exam		120 7.1.10		play rest		b/E013
				Color White	Texture Blocky	YES	Homogeneous YES	ND	ND ND	25 25
	PLM Examination				Color	Parallel	Perpendicular	•	Extinction	Sign of
	Components Calcite / Talc / Binders	% 160	+/-	Morphology Non-Fibrous	/ Pleochroism	Ref. Index	Ref. Index	Biref	Angic	Elongation
	Prep/treatment : mechanica		atio		Ash	stos Confert :	None Dete	cted		
		····			mer more some wheth some s					
Layer	4 Wall Covering			Stereoscopic Exam						
				Color Off-White	Texture Tough	Friable?	Homogeneous YES	? % Fibro 50	es % Asbestos ND	% of Sample
	PLM Examination			OII-111MQ						
	Components	%	+/-	Morphology	Color / Plenchmism	Parallel Ref. Index	Perpendicular Ref Index	Biref	Extinction Angle	Sign of Elongation
	Cellulose Fibers	50		ribbons	7 1 1000012 (7 12 12 12 12 12 12 12 12 12 12 12 12 12	*****	TOL MOLE	high		
	Vinyl Facing	50		Non-fibrous					<u> </u>	
	Prep/treatment: mechanica	1 seper	atio 	n 	Asbe	sios Content :	None Dete	cted		
										4

Comm	ents:					Analyst Date			acle /	2n_
						Sample #	: x1B-12	2300*11	13S-8	

:

ETI Environmental Services

4112 VIA BALLENA MESQUITE, TEXAS 75150 (972) 279-9751

November 15, 2001

Steve Moody Micro Services, Inc. 1510 Randolph, Suite 602 Carrollton, Texas 75006

Re: PLM Testing on Bulk Samples

Gentlemen:

We have transmitted 51 bulk samples for PIM testing in accordance with NESHAP Regulations for asbestos to your laboratory at the above address. Provide point-counting on the friable samples with positive stop. Provide total wall system results on tape and bedding samples.

Analysis report is to be broken down and billed by project as follows:

NO. OF SAMPLES	SAMPLE DATE	BUILDING NAME	SAMPLE NUMBER
12	11-14-01	15109 Surveyor Blvd.	109S-1 thru 109S-12
12	11-14-01	15111 Surveyor Blvd.	111S-1 thru 111S-12
12	11-14-01	15113 Surveyor Blvd.	113S-1 thru 113S-12
15	11-14-01	15115 Surveyor Blvd.	115S-1 thru 115S-15

Please list numerically on report from last digit(s) of sample #.

Please submit quality control results with final report.

Please sign and return one copy, keep the other copy for your records.

Thank You.

ETI ENVIRONMENTAL SERVICES

STEVE MOODY MICRO SERVICES, INC.

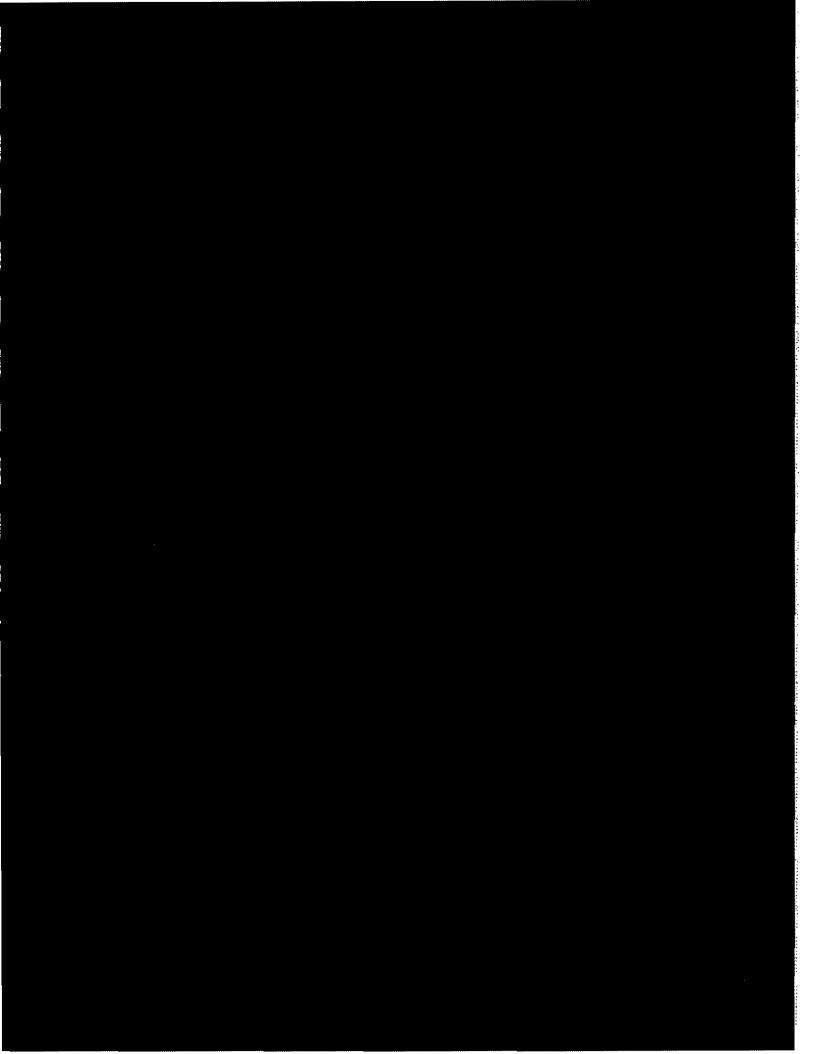
Eddie Taw

Asbestos Consultant

χομο () (μα Receiver's Signature

11-16-01 8:00 our

18- 12300



PLM REPORT

Steve Moody Micro Services, Inc. 1510 Randolph, Suite 602 Carrollton, Texas 75006 (972) 446-9482 **NVLAP Lab No. 102056** TDH License No. 30-0084 PAT ID# 102577

Client:

ETI Environmental Services

Lab Job No.: x1B-12301

Project:

15115 Surveyor Blvd.

Report Date: 11/17/2001

Project #:

Not Provided

Sample Date: 11/14/2001

Identification: Asbestos, Bulk Sample Analysis

Test Method: Polarized Light Microscopy / Dispersion Staining (PLM/DS)

EPA Method 40 CFR, Ch. 1, Pt. 763, Subpt. F, App. A

Page 1 of 3

On 11/16/01, eighteen (18) bulk material samples were submitted by Eddie Taw of ETI Environmental Services for asbestos analysis by PLM/DS. Copies of the lab data sheets are attached; additional information may be found therein. The results are summarized below:

ample Number	Client Sample Description / Location	Asbestos Content
115\$-1	Wall Material	None Detected - Drywali Material
		None Detected - Texture
115S-2	Wall Material	None Detected - Drywall Material
		None Detected - Texture
115S-3	Wall Material	None Detected - Drywall Material
		None Detected - Texture
115S -4	Wall Material on Tape and Bedding Material on Sheetrock	None Detected - Drywall Material
		None Detected - Joint Compound
		None Detected - Texture
115S-5	Wall Material	None Detected - Drywall Material
		None Detected - Texture
		None Detected - Textured Paint
115S-6	Wall Material on Tape and Beddign Material on Sheetrock	None Detected - Drywall Material
		None Detected - Joint Compound
		None Detected - Texture
115S-7	Wall Material on Tape and Bedding Material on Sheetrock	None Detected - Drywall Material
		None Detected - Joint Compound
		None Detected - Texture
1158-8	Wall Material	None Detected - Drywall Material
		None Detected - Texture
115S-9	Carpet Mastic over 12" x 12" Floor Tile with Yellow Glue	None Detected - Yellow Mastic
	·	None Detected - Floor Tite
		None Detected - Yellow Mastic

PLM REPORT

Steve Moody Micro Services, Inc. 1510 Randolph, Suite 602 Carrollton, Texas 75006 (972) 446-9482 NVLAP Lab No. 102056 TDH License No. 30-0084 PAT ID# 102577

Client:

ETI Environmental Services

Lab Job No.: x1B-12301

Project:

15115 Surveyor Blvd.

Report Date: 11/17/2001

Project#:

Not Provided

Sample Date: 11/14/2001

Identification: Asbestos, Bulk Sample Analysis

Test Method: Polarized Light Microscopy / Dispersion Staining (PLM/DS)

EPA Method 40 CFR, Ch. 1, Pt. 763, Subpt. F, App. A

Page 2 of 3

On 11/16/01, eighteen (18) bulk material samples were submitted by Eddie Taw of ETI Environmental Services for asbestos analysis by PLM/DS. Copies of the lab data sheets are attached; additional information may be found therein. The results are summarized below:

Sample Number	Client Sample Description / Location	Asbestos Content
1158-10	12" x 12" Floor Tile with Yellow Glue	None Detected - Yellow Mastic None Detected - Floor Tile None Detected - Yellow Mastic
1158-11	12" x 12" Floor Tile with Yellow Glue	None Detected - Floor Tile None Detected - Yellow Mastic
1158-12	2' x 4' Ceiling Panel	None Detected - Ceiling Tile
1158-13	2' x 4' Ceiling Panel	None Detected - Ceiling Tile
1158-14	2' x 4' Ceiling Panel	None Detected - Ceiling Tile
1158-15	Tape and Bedding Material on Sheetrock, Warehouse	None Detected - Drywall Material None Detected - Joint Compound None Detected - Texture
1158-16	Roof Flashing Material	None Detected - Silver Paint None Detected - Roofing Membrane None Detected - Roofing Tar None Detected - Underlayment
1158-17	Roofing Material	None Detected - Roofing Membrane None Detected - Underlayment
1158-18	Roof Flashing Material	None Detected - Roofing Membrane None Detected - Roofing Tar None Detected - Underlayment
115\$-3	QC Sample	None Detected-Drywali Material None Detected-Texture
1158-13	QC Sample	None Detected-Cailing Tile

'nТ	N.W	REPORT	
rı.	ιY	KEN MESICE	

Steve Moody Micro Services, Inc. 1510 Randolph, Suite 602 Carrollton, Texas 75006 (972) 446-9482

NVLAP Lab No. 102056 TDH License No. 30-0084

PAT 1D # 102577

Client:

ETI Environmental Services

Lab Job No.: x1B-12301

Project:

15115 Surveyor Blvd.

Report Date: 11/17/2001

Project #:

Not Provided

Sample Date: 11/14/2001

Identification: Asbestos, Bulk Sample Analysis

Test Method: Polarized Light Microscopy / Dispersion Staining (PLM/DS)

EPA Method 40 CFR, Ch. 1, Pt. 763, Subpt. F, App. A

Page 3 of 3

On 11/16/01, eighteen (18) bulk material samples were submitted by Eddie Taw of ETI Environmental Services for asbestos analysis by PLM/DS. Copies of the lab data sheets are attached; additional information may be found therein. The results are summarized below:

Sample Number	Client Sample Description / Location	Asbestos Content
et ann person de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante de la constante		

These samples were analyzed by layers. Quantification, unless otherwise noted, is performed by visual estimate. Results may not be reproduced except in full. This test report relates only to the samples tested. These test results do not imply endorsement by NVLAP or any agency of the U.S. Government.

Accredited by the National Voluntary Laboratory Accreditation Program for Bulk Asbestos Fiber Analysis under Lab Code 102056.

Analyst:

Steve Moody

Lab Director: Steve Moody

Approved Signatory:

---- Thank you for choosing Steve Moody Micro Services -----

	Moody Micro Services, Inc cense No. 30-0084	C.		Bulk As EPA Method 40 Cl	bestos An FR, Ch. 1, P					MVLAPLa	No. 102056
Client:	ETI Environmen	rtal S	erv	ices							
Project	: 15115 Surveyor	Blvc	i.								
Project	#: Not Provided			Lab Job#: x1B-1	2301	Sample	# : 115 S -1				
Client :	Sample Description: Wa	ali M	ater	<u>fal</u>	~~~	***************************************	444	,		Pa	ge 1 of 1
Layer	Drywall Material			Ctromana in Ele							
LAZYEZ	1 Diywali Material			Stereoscopic Ex Colo			l'exture	Homogeneous	7 % Fibro	nis % Asbestos	% of Sample
	PLM Examination			Y	le .		Blocky	YES	2	NO	60
	ymmen.hinaaahhinaaahhina	٦,			Co		Parallel	Perpendicular	wh. 2	Extinction	Sign of
	Components Glass Wool Fibers	%	+/-	Morphology Rods	/ Pieoc	tarvisan	Ref. Index	Ref Index	Biref 0	Angle	Elongation
	Mica	<1		Plateletts / Books							
	Gypsum / Binders	98		Non-fibrous							
	Prep/treatment : mechanical :	sepei	ratio 	n	uuuu u	Asl	estos Content :	None Dete	ted	BRAN. JANNE SHINE SUUD'	
Layer	2 DW Paper Facing			Stereoscopic Ex	carn						
_				Coke			Texture			xıs % Ashestos	
	PLM Examination			Tau	1	F	ibrous	YES	100	ND	30
				***************************************	Co			Perpendicular	***************************************	Extinction	Sign of
	Components Cellulose Fibers	100	+/-	Morphology ribbens	/ Pleac	hroism	Ref. Index	Ref. Index	Biref high	Angle	Elongation
	Prep/treatment : mechanical :	•	•	***************************************		Asl	estos Content :	None Deter			
	···			THE THE PERSON STATES OF					*****	***************************************	-
Luyer	3 Texture			Stereoscopic Ex	œm						
				Colo			Cathre -	Homogeneous YES	7 % Fibro	nus % Asbestos ND	% of Sample 10
	PLM Examination			Within the second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second secon	to	<u> </u>	3locky	IES		l un	
	Components Calcite / Talc / Binders	% 100	+/-	Morphology Non-Fibrous	Co. / Picoc	lor hroism	Parallel Ref. Index	Perpendicular Ref. Index	Bircf	Extinction Angle	Sign of Elongation
			4		<u> </u>					Į	
	Prop/treatment : mechanical :	separ 	ratio 	n 		Ast	estos Content :	None Deter	ted		
	·										
Comm	ients :		***************************************					C4			10-1
							Analyst: Date Analyza	Steve Mod	жу 17/01	.5	M

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	Moody Micro Services, I cense No. 30-0084	nc.		Bulk A: EPA Method 40 C	sbestos Ana FR, Ch. 1, Pt.					NVLAP Lat	No. 102056
Client :	ETI Environme	ental :	Servi	ces							
Project	: 15115 Surveyo	r Blv	d.								
Project	#: Not Provided			Lab Job#: x1B-	12301 5	Sample	# : 115 S-2				
Client S	Sample Description: V	Vall N	lateri	ial						Pa	ge 1 of 1
*						,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,					
Layer	1 Drywall Material			Stereoscopic E	***************************************		Texture	Homogeneous	7 0/ Eiber	- 9/. Achartae	P/ of Commis
				Wh			Blocky	YES	1	ND ND	60
į	PLM Examination		T	· · · · · · · · · · · · · · · · · · ·	Color	-	Parallel	Perpendicular		Extinction	Sign of
	Components	%		Morphology	/ Plexila		Ref. Index	Ref. Index	Biref	Angle	Elongation
	Celiulose Fibers Gypsum / Binders	9	3	ribbons Non-fibrous					high		
,	<u></u>				<u> </u>			J	l		. L
	Prep/treatment : mechanica	i sepe	ratio			Asl	sestes Content:	None Deter	cted		
¥	2 DIM Donos Cosina										
Layer	2 DW Paper Facing			Stereoscopic E.			Texture	Homogeneous	?% Fibro	rs % Asbestos	% of Sample
				Ta	***************************************		-ibrous	YES	100	ND	20
	PLM Examination	<u> </u>	ТТ	***************************************	Color	······································	Paraliel	Perpendicular	_ 	Extinction	Sign of
	Components	%		Morphology	/ Pleoch		Ref. Index	Ref. Index	Bircf	Angle	Elongation
	Cellulose Fibers	101	9	ribbons			1	<u></u>	high	****	<u> </u>
;	Prep/treatment : mechanica	l sepe	ratio	1		Asi	bestos Content:	None Deter	cted		
			-,				-		3e/····		
Layer	3 Texture			Stereoscopie E				-1			
				Cole Win		***************************************	Texture Blocky	Homogeneous YES	7% FIDION	ND	20 20
	PLM Examination		1 1						~- -		·
	Components	%	+/	Morphology	Color / Pleochr		Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
	Calcite / Talc / Binders	100	11	Non-Fibrous							
	Prep/treatment : mechanica	l sepa	ration	1		Asl	bestos Content :	None Deter	cted		
3						*****					
											2
Comm	ents :		-	**************************************	•	THE REAL PROPERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY OF THE PERTY	Analyst:	Steve Mo		N	W
							Date Analyza		17/01		
							I ab Tobil -	×1B-12301	Same	e# - 1159	-2

	Moody Micro Services, I cense No. 30-0084	nc.		Bulk Asber EPA Method 40 CFR,	rtos Analysis S Ch. 1, Pt. 763, Su				NVLAP Lai	No. 102056
Client:	ETI Environme	ental \$	Servi	ces						
Project	: 15115 Surveyo	or Blv	d.							
Project	#: Not Provided			Lab Job#: x1B-123	01 Sample	# : 1155-3				
Client !	Sample Description : \	Vali N	lateri	ai					Pa	ge 1 of 1
Layer	Drywall Material			Stereoscopic Exam						
•	•			Color		Texture Blocky	Homogeneous YES	? % Fibro	us % Asbestos ND	% of Sample 60
	PLM Examination			L.,				<u> </u>		
	Components	%	+/-	Morphology	Color / Picochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
	Cellulose Fibers		3	ribbons				high	<u> </u>	
	Gypsum / Binders	97	<u>' </u>	Non-fibrous	***************************************		***************************************	j		
	Prep/treatment : mechanica	d sepe — —	ratior — -	·	As	bestos Content:	None Detec	:ted 	<u>.</u>	
Layer	2 DW Paper Facing			Stereoscopic Exam						
				Color		Tedure	Homogeneous			
	PLM Examination			Tan		Fibrous	YES	100	ND	20
	Components	%	4/-	Morphology	Color / Pleochroism	Paraliel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
	Cellulose Fibers	100		ribbons				high		
	Prep/treatment : mechanica	l sepa	ration	1	As	bestos Content :	None Detec	ted		
	We wast with the time with the time.					****		·-		
Layer	3 Texture			Stereoscopic Exam			T			
	PLM Examination			Color White		Texture Blocky	Homogeneous YES	ND	us % Astresios ND	% of Sample 20
	Compensants	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
	Calcite / Talc / Binders	100		Non-Fibrous						
	Prep/treatment : mechanica	l sepa	ration	l 	As	bestos Content :	None Detec	ted		
						<u> </u>				
					·					
							•			
Сопип	ents:				·	Analyst: Date Analyze	Steve Moo	ody 17/01	ſ	w

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	Moody Micro Services, Ii	nc.			bestos Analysis S				NVIAPIN	No. 102056
Client		ntai S	ervi		Shy with Eg & de Charly Art	4,21,000		***************************************	A FLESS LAND	1100 1020
Projec	t: 15115 Surveyo	r Blvo	ł.							
Projec	•			Lab Job#: x1B-1	2301 Samula	# : 115S-4				
-		Vall M	atori	al on Tape and Be	•		•		Dai	ge 1 of 1
		*****			- Torrig Miller III				* ***	y
Layer	1 Drywall Material			Stereoscopic Ex		Texture	Homogeneous	2 % Fibro	se % Achretoe	94 of Samuele
	MUN A # WO 5			Whi	· · · · · · · · · · · · · · · · · · ·	Blocky	YES	2	ND ND	80
	PLM Examination		<u> </u>		Color	Parallel	Perpendicular		Extinction	Sign of
	Components Glass Wool Fibers	7.0	+/-	Morphology Rods	/ Pleochroism	Ref. Index	Ref. Index	Biref 0	Angle	Elongation
	Gypsum / Binders	98		Non-fibrous	***************************************				*******	
	Prop/insument : mechanica	l separ	ratior	1	A	bestos Content:	None Dete	cted		
Layer	2 DW Paper / Tape			Stereoscopic Ex		Texture	Homogeneous	2% Eiben	ne % Achaetae	% of Spmele
				Tan/W		Fibrous	YES	100	ND	5
	PLM Examination		ПТ		Color	Parallel	Perpendicular		Extinction	Sign of
	Components Cellulose Fibers	% 100	+/-	Morphology ribbons	/ Pleochreism	Ref. Index	Ref Index	Biref	Angle	Elongation
	removes Lifeta	TUA	LL	(NOUSE)			L	high		
	Prep/treatment : mechanica	i sepe	ratio	1	A	bestos Content :	None Dete	cted		
T	and the second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second s			·			Made			10.000 taken 40.00
Layer	3 Joint Compound			Stereoscopic Ex				No. Ev		lar - 510
				Colo		Texture Blocky	Homogeneous YES	7 % FIDIO	ND	% or Sample
	PLM Examination	1	11		Color	Parallel	Perpendicular		Extinction	Sign of
	Components	%		Morphology	/ Picochroism	Ref. Index	Ref. Index	Biref	Angle	Elongation
	Calcite / Talc / Binders	100		Non-Fibrous		<u>. L</u>	<u> </u>			
	Prep/treatment: mechanica	l sepai	ration	1	As	sbestos Content :	None Dete	cted		
		mmy			 	· ·····				
Layer	4 Texture			Stereoscopie Ex				-lar B0		ht - 60 - 1-1
				Colo Whit	······································	Texture Blocky	Homogeneous YES	ND	US % ASDESTOS ND	5 or Sample
	PLM Examination	<u> </u>	т Т		Color	Parallel	Perpendicular		Extinction	Sign of
	Components	%	+/-	Morphology	/ Pleochroisen	Ref. Index	Ref. Index	Biref	Angle	Elongation
	Calcite / Talc / Binders	100		Non-Fibrous						<u> </u>
İ	Prep/treatment : mechanica	l sepa	ration	1	A	bestos Content :	None Dete	cted		
	was third annual and prove thirds were						THE PERSON NAMED OF THE PERSON NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN NAMED IN COLUMN			
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1	Moody Micro Services, In icense No. 30-0084	nc,		Bulk Asb EPA Method 40 CFF	estos Analysis k, Ch. I, Pt. 763,				NVLAP Lab	No. 102056
Client	: ETI Environme	ental S	ervi	ices						
Project	15115 Surveyo	r Blvo	i.							
Project	#: Not Provided			Lab Job#: x1B-12	301 Samp	le#: 115S-5				
Client	Sample Description: V	Vall M	ater	ial					Paç	ge 1 of 1
Layer	Drywall Material			Stereoscopic Exa	on.					
				Color White	·	Texture Blocky	Homogeneous YES	?% Fibro	us % Asbestos ND	% of Sample 86
	PLM Examination	<u> </u>]		Cofor	Parallel	Perpendicular		Extinction	Sign of
	Components Glass Wool Fibers	% 2	+/-	Morphology Rods	/ Pleochroism	!	Ref. Index	Biref 0	Angle	Elongation
	Gypsum / Binders	98		Non-fibrous				¥		
	Prep/treatment : mechanica	l sepai	ratio			Asbestos Content :	None Dete	cted		
Layer	2 DW Paper Facing			Stereoscopic Exa	mt					
LA.y	a arrangement			Cokor		Texture	Homogeneous			
	PLM Examination			Tan		Fibrous	YES	100	ND	5
	Components	%	+j-	Morphology	Color / Picochroism	Pavallel Ref. Index	Perpendicular Ref. Index	Bircf	Extinction Angle	Sign of Elongation
	Cellulose Fibers	100		ribbons				high		
	Prep/treatment : mechanica	l sepe	atio	7	i	Ásbestos Content :	None Dete	cted		
<u> </u>		Annual Sussep.	*******	stillin stillin schools schools schools schools schools schools schools schools schools schools schools schools	. 			·	***************************************	
Layer	3 Texture			Stereoscopic Exam Color	na e	Texture	Homogeneous	9 % Film	us % Ashestos	% of Sample
	PLM Examination			White		Blocky	YES	MD	DMD	5
	Components	%	+/-	Marphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
	Calcite / Talc / Binders	100		Non-Fibrous	-					
	Prep/treatment : mechanica	l sepai	ratio	1)		Asbestos Content :	None Dete	cted		
Layer	4 Textured Paint			Stereoscopic Exa	m					
LAIJU	T I WASHINGT TO WILLIAM			Color		Texture	Homogeneous			
	PLM Examination			White	·	Hard	YES	ND	ND	2
	Components	%	+/-	Morphology	Color / Pleochroism	Parailel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
	Perlite Pigment / Binders	95		Glass Foam Non-fibrous				0		
	8.va		LI	HON-HOROUS						
<u> </u>	Prep/treatment : heat / melt	*****				Asbesios Content :	None Dete	cted		
					•					
Comu	nents :					Analyst :	Steve Mo	odv		
Journ						Date Analyza		17/01	st.	<i>1</i> —
						Lab Job#:	x1B-1230	Samp	e#: 115S	-5

PLM Examination Components % +/- Moophology / Pleochroism Ref. Index Ref. Index Biret Angle Elongs ribbons Sign Appearance Statingtion Prep/treatment : mechanical separation Asbestos Content : None Detected Layer 2 DW Paper / Tape Statingtion Statingtion Statingtion Statingtion Statingtion Statingtion Statingtion Statingtion Statingtion Statingtion Statingtion Statingtion Statingtion Statingtion Statingtion Statingtion Statingtion Statingtion Statingtion Statingtion Statingtion Statingtion Statingtion Statingtion Statingtion Statingtion Statingtion Statingtion Statingtion Statingtion Statingtion Statingtion Statingtion Statingtion Statingtion Statingtion Statingtion Statingtion Statingtion Statingtion Statingtion Statingtion Statingtion Statingtion Statingtion Statingtion Statingtion Statingtion Statingtion Statingtion Statingtion Statingtion Statingtion Statingtion Statingtion Statingtion Statingtion Statingtion Statingtion Statingtion Statingtion Statingtion Statingtion Statingtion Statingtion Statingtion Statingtion Statingtion Statingtion Statingtion Statingtion Statingtion Statingtion Statingtion Statingtion Statingtion Statingtion Statingtion Statingtion Statingtion Statingtion Statingtion Statingtion Statingtion Statingtion Statingtion Statingtion Statingtion Statingtion Statingtion Statingtion Statingtion Statingtion Statingtion Statingtion Statingtion Statingtion Statingtion Statingtion Statingtion Statingtion Statingtion Statingtion Statingtion Statingtion Statingtion Statingtion Statingtion Statingtion Statingtion Statingtion Statingtion Statingtion Statingtion Statingtion Statingtion Statingtion Statingtion Statingtion Statingtion Statingtion Statingtion Statingtion Statingtion Statingtion Statingtion Statingtion Statingtion Statingti		Moody Micro Services, In cense No. 30-0084	tc.		Bulk A: EPA Method 40 C	sbestos An FR, Ch. 1, Pt			***************************************		NVLAP Lat	No. 102056
Project #: Not Provided Lab Jobs!: x1B-12301 Sample #: 115S-6 Client Sample Description: Wall Material on Tape and Beddign Material on Sheetrock Page 1 of Layer 1 Drywall Material Stereoscopic Exam Color Texture Homogeneous! % Fibrous % Asbestoe % of Sample #: 115S-6 PLM Examination Color Texture Homogeneous! % Fibrous % Asbestoe % of Sample #: 100 ND S S Stereoscopic Exam Collulose Fibers 5 Non-fibrous Prep/transent: mechanical seperation Layer 2 DW Paper / Tape Stereoscopic Exam Color Texture Homogeneous! % Fibrous % Asbestoe % of Sample Extra None Detected Layer 2 DW Paper / Tape Stereoscopic Exam Color Texture Homogeneous! % Fibrous % Asbestoe % of Sample Extra None Detected Layer 2 DW Paper / Tape Stereoscopic Exam Color Texture Homogeneous! % Fibrous % Asbestoe % of Sample Extra None Detected Layer 3 Joint Components % # # Morphology / Picochroism Ref. Index Ref. Index Biref Angle Bloogy Prep/transent: mechanical seperation Asbestos Content: None Detected Layer 3 Joint Compound Stereoscopic Exam Color Texture Homogeneous! % Fibrous % Asbestoe % of Sample Extra None Detected Layer 3 Joint Compound Stereoscopic Exam Color Texture Homogeneous! % Fibrous % Asbestoe % of Sample Extra None Detected Layer 4 Texture Color Texture Homogeneous! % Fibrous % Asbestoe % of Sample Extra None Detected Layer 4 Texture Color Texture Homogeneous! % Fibrous % Asbestoe % of Sample Extra None Detected Layer 4 Texture Color Texture Homogeneous! % Fibrous % Asbestoe % of Sample Extra None Detected Layer 4 Texture Color Texture Homogeneous! % Fibrous % Asbestoe % of Sample Extra None Detected Layer 4 Texture Color Texture Homogeneous! % Fibrous % Asbestoe % of Sample Extra None Detected Layer 4 Texture Color Texture Homogeneous! % Fibrous % Asbestoe % of Sample Extra None Detected Layer 4 Texture Ref. Index Ref. Index Ref. Index Ref. Index Ref. Extra None Detected Layer 4 Texture Ref. Ref. Ref. Ref. Ref. Ref. Ref. Ref	Client :	ETI Environme	ntal S	iervi	ces		•					
Layer 1 Drywall Material Stereoscopic Exam Color Texture Homogeneous? Fibrous Asbestos Stereoscopic Exam Color Parallel Perpendicular Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index R	Project	: 15115 Surveyo	r Blv(1.								
Layer 1 Drywall Material Stereoscopic Exam Color Texture Homogeneous? % Fibrous % Asbestos % of Sa ND 85	Project	#: Not Provided			Lab Job#: x1B-	12301	Sample	# : 1155-6				
Color Texture Homogeneous? % Fibrous % Ashestos % of Sa	Client S	Sample Description: W	alt M	ateri	ial on Tape and B	eddign M a	terial c	on Sheetrock	*		Pa	ge 1 of 1
Color Texture Homogeneous? % Fibrous % Ashestos % of Sa		4			_							
PLM Examination White Blocky YES 3 ND 85	Layer	i Drywaii Matenai			***************************************	***************************************	,	Tertura	Потопетення	20% Filanu	on PA Achreton	86 of Cample
Components												85
Components		PLM Examination				1						T a- 8 1
Cellulose Fibers 5		Components	%	+/-	Morohology	1		1	, , ,	Biref		Sign of Elongation
Layer 2 DW Paper / Tape Stereoscopic Exam Color Texture Homogeneous? % Fibrous % Asbestos % of Sa Tan / White Fibrous YES 100 ND 5	:	Cellulose Fibers									- Z	
Eayer 2 DW Paper / Tape Color Texture Homogeneous?? % Fibrous % Asbestos % of Sa Tan / White Fibrous YES 100 ND 5		Gypsum / Binders	95		Non-fibrous							
Color Texture Homogeneous? % Fibrous % Asbestos % of Sa Tan / White Fibrous YES 100 ND 5		"	sepe	ratior	Marine Annua village. Vigind Affilia		As	bestos Content :	None Deter	cted 	AAIII 10000 <u></u>	
PLM Examination Components % +/- Morphology / Pleochroism Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. In	20,41	m x y y w p w x a w p w w			,	······································		Texture	Homogeneous	7 % Fibro	us % Asbestos	% of Sample
Components % +/- Morphology / Pleochroism Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Ref. Index Re					Tan/\	White		Fibrous	YES	100	ND	5
Components % +/- Morphology / Pleochroism Ref. Index Ref. Index Biref Angle Elongs Prep/treatment : mechanical seperation		PLM Examination	7	ГТ	*	l Cal	Ar .	Parellel	Permendicular		Evtingtion	Sign of
Layer 3		Components	%	÷1	Morphology	1		1		Biref		Elongation
Layer 3 Joint Compound Stereoscopic Exam Color Texture	;	Cellulose Fibers	100		ribbons					high		
Color Texture Homogeneous? % Fibrous % Asbestos % of Sur			sepe	ratior 	1998 shift was	<u> </u>	2A 	bestos Content :	None Deter	eted	аваан мүүү дэлгэг	
PLM Examination Components % 4/- Morphology / Pleochroism Ref. Index Ref. Index Biref Angle Elongs Calcite / Talc / Binders 100 Non-Fibrous Prep/treatment : mechanical separation Asbestos Content : None Detected Layer 4 Texture Stereoscopic Exam Color Texture Homogeneous? % Fibrous % Asbestos % of Sa White Blocky YES ND ND 5 PLM Examination Components % 4 +/- Morphology / Pleochroism Ref. Index Ref. Index Biref Angle Elongs Color Ref. Index Biref Angle Elongs Color Parallel Perpendicular Extinction Sign Components % 4 +/- Morphology / Pleochroism Ref. Index Ref. Index Biref Angle Elongs	Layer	3 Joint Compound			**************************************			T	FY	26/ F3	- lnc 4-1	#/ #6C1a
PLM Examination Components % +/- Morphology / Pleochroism Ref. Index Ref. Index Biref Angle Elonga Calcite / Talc / Binders 100 Non-Fibrous Prep/treatment : mechanical separation Asbestos Content : None Detected Layer 4 Texture Stereoscopic Exam Color Texture Homogeneous? % Fibrous % Asbestos % of Sa White Blocky YES ND ND 5 PLM Examination Components % +/- Morphology / Pleochroism Ref. Index Ref. Index Biref Angle Elonga					***************************************							
Components		PLM Examination										
Prep/treatment : mechanical separation Asbestos Content : None Detected Layer 4 Texture Stereoscopic Exam Color Texture Homogeneous? % Fibrous % Asbestos % of Sa White Blocky YES ND ND 5 PLM Examination Components % +/- Morphology / Pleochroism Ref. Index Ref. Index Biref Angle Elonge			%	+/-	Morphology					Biref		Sign of Elongation
Layer 4 Texture Stereoscopic Exam Color Texture Homogeneous? % Fibrous % Asbestos % of Sa White Blocky YES ND ND 5 PLM Examination Color Parallel Perpendicular Extinction Sign Components % +/- Morphology / Pleochroism Ref. Index Ref. Index Biref Angle Elonge		Calcite / Talc / Binders	100		Non-Fibrous							
Color Texture Homogeneous? % Fibrous % Asbestes % of Sa White Blocky YES ND ND 5 PLM Examination Color Parallel Perpendicular Extinction Sign Components % +/- Morphology / Pleochroism Ref. Index Ref. Index Biref Angle Elonge		the second states about a second second	sepa	ration		<u></u>	Asi	bestos Content :	None Dete	cted		
White Blocky YES ND ND 5 PLM Examination Color Parallel Perpendicular Extinction Sign Components % +/- Morphology / Pleochroism Ref. Index Ref. Index Biref Angle Elonge	Layer	4 Jexinie						Tevine	Homogeneous	2 % Fibro	ne % Ashreine	% of Sample
Components % +/- Morphology / Pleochroism Ref. Index Ref. Index Biref Angle Elongr					***************************************							
Components % +/- Morphology / Pleochroism Ref. Index Ref. Index Biref Angle Elongs	1	PLM Examination				T		1				7 65
· · · · · · · · · · · · · · · · · · ·		Components	%	+/-	Mambalaev					Biref		Elongation
Calcite / Tate / Binders 100 Non-Fibrous		Calcite / Talc / Binders				1.370						
Prep/treatment : mechanical separation Assestos Content : None Detected		Prep/treatment : mechanical	sepa	ration	1		As	bestos Content :	None Deter	cted — —	nno Huyo	
	Comm	ents:						Analyst:				<u>~</u>
								Date Analyze Lab Job#:	x1B-12301			

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	Moody Micro Services, In cense No. 30-0084	C.		Bulk As EPA Method 40 Cl	bestos An FR, Ch. I, P					NVLAP Lab	No. 102056
Client	: ETI Environme	ntal S	iervi	ces							
Project	: 15115 Surveyo	r Blv	i.								
Project	#: Not Provided			Lab Job#: x1B-1	2301	Sample	# : 115S-7				
Client	Sample Description: W	all M	ater	ial on Tape and Be	dding M	aterial c	n Sheetrock	•		Pa	ge 1 of 1
Layer	1 Drywali Material			Sterescopic Ex		,			•		····
				Cole	~~~~~~		Texture Blocky	Homogeneous	7 % Fibrous 2	MASSESSESSESSESSESSESSESSESSESSESSESSESSE	% of Sample 50
	PLM Examination			*****	IX3		DIVERY	i ieo		I RV	30
	Components	%	+/-	Marphology	Co / Picoc		Parallel Ref. Index	Perpendicular Ref. Index	Bîref	Extinction Angle	Sign of Eloogation
	Glass Wool Fibers	1 2		Rods					0		
	Cellulose Fibers	2		ribbons					high	***************************************	
	Gypsum / Binders	96	11	Non-fibrous			ı	<u> </u>	!		<u> </u>
	Prep/treatment : mechanical	sepa	ratio:	n		As	bestos Content :	None Detec	:ted	seemen substant substant	
Layer	2 DW Paper / Tape			Stereoscopie Ex			l'exture	Homogeneous	der Eil	O/ Asharina	0/ of Canada
				Tan / V			Fibrous	YES	100	ND	10
	PLM Examination		,	L							
			١., ا	.	Col		Peralici	Perpendicular	mat at	Extinction	Sign of
	Components Cellulose Fibers	100	+/-	Morphology ribbons	/ Pland	HEOISED	Ref. Index	Ref. Index	Biref high	Angle	Elongation
	Prep/treatment : mechanical	sepe	ratio	71 - MARIO MARIO MILICO MILIO M		As	bestos Content :	None Detec	***************************************	delete ferrers weren	
Layer	3 Joint Compound			Stereoscopic Ex							
				Colo			Texture	Homogeneous	<u></u>	<u></u>	
	PLM Examination			· Whi	B		Blocky	<u> YES</u>	ND	ND	20
	Components	%	+/-	Morphology	Col / Pleac		Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
	Calcite / Talc / Binders	100		Non-Fibrous						***************************************	
	Prep/treatment : mechanical	sepa	ratio	R		A si	bestos Content :	None Detec	ted		
Layer	4 Texture			Stereoscopic Ex				ngannarannuuur — uur			
				Colo			Texture Blocky	Homogeneous YES	ND	ND	20
	PLM Examination			L	<u></u>		Diocey		142	110	
			П		Col		Parallel	Perpendicular		Extinction	Sign of
	Components	100	+/_	Morphology	/ Pleoc	moism	Ref. Index	Ref. Index	Biref	Angle	Elongation
***************************************	Calcite / Talc / Binders Prep/treatment : mechanical		•	Non-Fibrous		Asi	bestos Content :	None Detec	ted	<u> </u>	
Comm	ents:		***************************************				Analyst: Date Analyze	Steve Mod	ody 17/01	SA	
							I ah Tah# ·	x1B-12301	Samula	# - 1158	.7

TDH Li	Moody Micro Services, II cense No. 30-0084			EPA Method 40 CF	bestos Analysis 7 <mark>8, Ch. I, Pt. 763, S</mark>				NYLAP Lat	No. 102056
Client:	ETI Environme	ntal S	iervi	ces						
Project	: 15115 Surveyo	r Blvc	i.							
Project	#: Not Provided			Lab Job# : x1B-1	2301 Sampl	c#; 115S-8				
Client :	Sample Description : V	/all M	ateri	al					Pa	je 1 of 1

Layer	1 Drywall Material			Stereoscopic Ex				nez mit	- A	n/ _60
				Colo Whit		Texture Blocky	Homogeneous YES	2 25 FIDEOU 2	ND	7s Of Sample
	PLM Examination		, ,				Y			
İ	Components	%	+/	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
	Glass Wool Fibers	2		Rods	**************************************			0		
	Celfulose Fibers Gypsum / Binders	96	<u></u> i.	ribbons Non-fibrous				high		-
			1	***************************************					***	_L
	Prep/treatment : mechanica	sopa)	ratior	1	A	sbestos Content :	None Deter	ted		
			_				Anti-	Anr	* ·	
Layer	2 DW Paper Facing			Stereoscopic Ex	am					
				Colo		Texture	Homogeneous			% of Sample 10
	PLM Examination			Tan	<u> </u>	Fibrous	YES	100	LND	10
		T			Color	Parallel	Perpendicular		Extinction	Sign of
	Components Cellulose Fibers	100	+/-	Morphology ribbons	/ Pleochroism	Ref. Index	Ref. Index	Biref high	Angle	Eloggation
•	Prep/treatment : mechanica	1	<u>1</u>		, ,	sbestos Content :		•		
Layer	3 Texture			Stereoscopic Ex Colo Whit	ŧ	Texture Blocky	Homogeneous YES	? % Fibrox	zs % Asbestos ND	% of Sample
	PLM Examination		,	72983						
	Components Calcite / Talc / Binders	% 100	+/-	Morphology Non-Fibrous	Color / Picochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
	**************************************		A							<u> </u>
	Prep/treatment : mechanica	sepa	ratior		Α	shestos Content:	None Detec	ted		

	Moody Micro Services, I icense No. 30-0084	7C.		Bulk As EPA Method 40 CF	bestos Ana R, Ch. I, Pt	alysis Sh . 763, <u>S</u> nb	neet pt. F. App. A			NVLAP Lat	No. 102056
Client	: ETI Environme	ntal :	Servi	CES							The second second
Projec	t: 15115 Surveyo	r Blv	d.	•							
Project	t#: Not Provided			Lab Job#: x18-1	2301	Sample #	# : 115S-9				
Client	Sample Description: C	arpel	: Mas	tic over 12" x 12"	Floor Tile	with Y	ellow Glue			Paç	ge 1 of 1
Layer	1 Yellow Mastic			Stereoscopic Ex	am						
,-				Colo	£		exture	Homogeneous			
	PLM Examination	y		Yeilo			ubbery	YES	ND	ND	16
	Components	%	+/-	Morphology	Col / Picocl		Paralici Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
	Glue Binders	100		Non-fibrous							
	Prep/treatment : heat / melt.			··		Asb	estos Content :	None Detec	ated	ne wenter was the total	
Love	2 Floor Tile			C*							
Layer	2 FROI ING			Stereoscopic Ex Colo	r	7	`cxture	Homogeneous	% Fibros	s % Asbestos	
	PLM Examination			Tan	<u>) </u>		Hard	YES	ND	ND	89
	Components	%	+/-	Morphology	Cole / Pleoch		Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
	Calcite / Vinyl Binders	100		Non-fibrous	***************************************				high		
	Prep/ireatment : heat / melt					Asb	estos Content :	None Detec	ted		
Layer	3 Yellow Mastic			Stereoscopic Ex Colo	~~~~~		exture	Homogeneous	? % Fibrou	s % Asbestos	% of Sample
	PLM Examination			Yelfo	w	R	ubbery	YES	ND	ND	1
	Components	%	+/-	Morphology	Cele / Pleoch	-	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
	Glue Binders	100		Non-fibrous	(211/2/		TOE MOEK				
	Prep/treatment : heat / meft					Asb	estos Content :	None Detec	ted		
	MANA VALLE SHARE EVEN AVENUE AND AND AND AND AND AND AND AND AND AND					alt visible survey				, goden 1999e same.	
ĺ											
											E .
Comm	senis :						Analyst : Date Analyz	Steve Mod	ody 17/01	S	w
						F		x1B-12301	-1	#: 115S	-9

	Moody Micro Services, I cense No. 30-0084	nc.		Car		sbestos An					AND ADIA	Na roonse
			_		'A Method 40 C	<u> FK, CA. 1, P</u>	L /03, 540	<u>рс г. Арр. А</u>	***************************************		NYLAPIZE	No. 102056
:	ETI Environme	ental S	erv	ices								
t	: 15115 Surveyo	or Blvc	i.									
t:	#: Not Provided			Lab	Job#: x1B -1	12301	Sample	f: 115S-10				
S	Sample Description: 1	2" x 1	2" F	loor 1	île with Yell	ow Glue					Pag	ge 1 of 1
	MARIHIMOOO						***************************************	<u> </u>	***************************************			
	1 Yellow Mastic				Stereoscopic Ex Colo		7	exture	Homogeneous	20/ Cikman	m 0/ Asharena	e/ of Sanual
					Yelk		· · · · · · · · · · · · · · · · · · ·	ubbery	YES	ND	ND ND	10
1	PLM Examination	······	I			Co	lor	Parellel	Perpendicular		Extinction	Sign of
	Components Glue Binders	% 100	+/-		korphology xn-fibrous	/ Piece	<u>mzion</u>	Ref. Index	Ref. Index	Biref	Angle	Elongation
•		}	1	145	AFRAVO				J	L		<u> </u>
	Prep/treatment: heat / melt						Asb	estos Content :	None Detec	rted		
,	2 Floor Tile				••••••••••••••••••••••••••••••••••••••							
•	2 Floor Tile				Stereoscopic E		T	exture	Homogencous	7 % Fibrou	s % Asbestos	% of Sample
1	PLM Examination				Bla	ck.		Hard	YES	ND	ND	89
	A	T			-	Co	-	Parallel	Perpendicular		Extinction	Sign of
	Components Calcite / Vinyl Binders	100	+/-		lorphology on-fibrous	/ Please	hroism	Ref. Index	Ref. Index	Biref high	Angle	Elongation
1	Prop/treatment : heat / melt				***************************************		dob.	ector Content :	None Detec	dod		_
	IN ANY MAY AND NOW AND THE COLUMN		_								-	
	3 Yellow Mastic				Stereoscopic E	E-9#15						
•	5 TOTOW MODBO				Cole	or .		cature	Homogeneous			% of Sample
1	PLM Examination				Yelk	DW	R	ubbery	YES	ND	MD ND	<u> </u>
	-	01				Co		Parallei	Perpendicular	TS:6	Extinction	Sign of
į	Components Glue Binders	% 100	+/-		iorphology x n-fibrous	/ Piece	nroism	Ref. Index	Ref. Index	Biref	Angle	Elongation
]	Prop/trestment : heat / melt						Asb	estos Content :	None Deter	cted		
_											- <u></u>	
						•						
												'
			****								*****	***************************************
n	icnis:							Analyst :	Steve Mod			M
												· · · · · · · · · · · · · · · · · · ·
					100 A	MARK TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE TO THE RESERVE T		****				***************************************
n	ents:							Date Analyz	ed:	11/	11/17/01	

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Steve Moody Micro Services, Inc. **Bulk Asbestos Analysis Sheet** TDH License No. 30-0084 EPA Method 40 CFR, Ch. 1, Pt. 763, Subpt. F, App. A NVLAP Lab No. 102056 Client: ETI Environmental Services 15115 Surveyor Blvd. Project: Project#: **Not Provided** Lab Job#: x1B-12301 Sample #: 115S-11 Client Sample Description: 12" x 12" Floor Tile with Yellow Glue Page 1 of 1 Layer I Floor Tile Stereoscopic Exam Color Texture Homogeneous? % Fibrous % Asbestos % of Sample Light Tan Hard YES ND ND PLM Examination Parallei Perpendicular Color Extinction Sign of % +/-/ Pleochroism Ref. Index Ref. Index Bircf Elongation Components Morphology Angle Calcite / Vinyl Binders 100 Non-fibrous high Asbestos Content: None Detected Prop/treatment : heat / melt Layer 2 Yellow Mastic Stereoscopic Exam Homogeneous? % Fibrous % Asbestos % of Sample Color Texture Yellow Rubbery YES ND ND PLM Examination Perpendicular Color Parallel Extinction Sign of Components % +/-Morphology / Pteochroism Ref. Index Ref Index Angle Elongation Glue Binders 100 Non-fibrous Prop/treatment : heat / melt Asbestos Content: None Detected

Comments:

Analyst: Steve Moody

Date Analyzed:

11/17/01

Lab Job#: x1B-12301 | Sample #: 115S-11

Steve Moody Micro Services, Inc.

Bulk Asbestos Analysis Sheet

TDH License No. 30-0084

EPA Method 40 CFR, Ch. 1, Pt. 763, Subpt. F, App. A

NVLAP Lab No. 102056

Client:

ETI Environmental Services

Project :

15115 Surveyor Blvd.

Project#:

Not Provided

Lab Job#: x18-12301

Sample#: 115S-12

Client Sample Description : 2' x 4' Ceiling Panel

Page 1 of 1

Layer I Ceiling Tile

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Light Grey	Fibrous	YES	80	ND	100

PLM Examination

		1		Color	Parallel	Perpendicular		Extinction	Sign of
Components	%	+/-	Morphology	/ Pleochroisan	Ref. Index	Ref. Index	Biref	Angle	Elongation
Cellulose Fibers	50		ribbons				high		
Mineral Wool Fibers	30		Rods				0		and the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of the same of th
Perlite	20		Glass Foam				Õ		

Prep/treatment: mechanical separation

Asbestos Content: None Detected

Comments:

Steve Moody Analyst:

Date Analyzed:

11/17/01

Lab Job#: x1B-12301 | Sample #: 115S-12

N

Steve Moody Micro Services, Inc.

Bulk Asbestos Analysis Sheet

TDH License No. 30-0084

EPA Method 40 CFR, Ch. 1, Pt. 763, Subpt. F, App. A

NVLAP Lab No. 102056

Client:

ETI Environmental Services

Project:

15115 Surveyor Blvd.

Project #:

Not Provided

Lah Job#: x1B-12301

Sample#: 115S-13

Client Sample Description: 2' x 4' Ceiling Panel

Page 1 of 1

Layer I Ceiling Tile

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample	
Light Grey	Fibrous	YES	80	ND	100	

PLM Examination

		Π		Color	Parallel	Perpendicular		Extinction	Sign of
Components	%	+/-	Morphology	/ Pleochroism	Ref. Index	Ref Index	Biref	Angle	Elongation
Cellulose Fibers	50		ribbons				high		
Mineral Wool Fibers	30		Rods				0		
Perlite	20		Glass Foam				0		

Prep/treatment: mechanical separation

Asbestos Content: None Detected

Comments:

Steve Moody Analyst:

Date Analyzed:

11/17/01

Lab Job#: x1B-12301 | Sample #: 115S-13

N

Steve Moody Micro Services, Inc.

Bulk Asbestos Analysis Sheet

TDH License No. 30-0084

EPA Method 40 CFR, Ch. 1, Pt. 763, Subpt. F, App. A

NVLAP Lab No. 102056

Client:

ETI Environmental Services

Project :

15115 Surveyor Blvd.

Project#:

Not Provided

Lab Job#: x1B-12301

Sample #: 115S-14

Client Sample Description: 2' x 4' Ceiling Panel

Page 1 of 1

Layer 1 Ceiling Tile

Stereoscopic Exam

Color	Texture	Homogeneous?	% Fibrous	% Asbestos	% of Sample
Light Grey	Fibrous	YES	80	ND	100

PLM Examination

	T			Color	Parallei	Perpendicular		Extinction	Sign of
Components	%	+/-	Morphology	/ Pleochroism	Ref. Index	Ref. Index	Biref	Angle	Elongation
Cellulose Fibers	50		ribbons				high		
Mineral Wool Fibers	30		Rods				0		
Perlite	20		Glass Foam				Ō		

Prep/treatment: mechanical separation

Asbestos Content: None Detected

Comments:

Steve Moody Analyst:

Date Analyzed:

11/17/01

Lab Job#: x1B-12301 | Sample #: 115S-14

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	Moody Micro Services, I icense No. 30-0084	nc.			estos Analysis SI R, Ch. 1, Pt. 763, Sul		***		NVLAP Lab	No. 102056
Client	: ETI Environme	ntal S	ervi	ces .						
Project	: 15115 Surveyo	r Blvc	i.							
Project	#: Not Provided			Lab Job#: x1B-12	301 Sample:	# : 115\$-15				
Client	Sample Description: T	ape a	nd B	edding Material or	Sheetrock, Wa	rehouse	naconinaco.		Pag	e 1 of 1
Layer	1 Drywall Material			Stereoscopic Eco	·	***************************************				
				Color		Texture Blocky	Homogeneous YES		is % Asbestos ND	% of Sample
	PLM Examination			White		SKICKY	T LES	3		<u> </u>
	Components	%	+/-	Morphology	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
	Cellulose Fibers	5		ribbons				high		
	Gypsum / Binders	95		Non-fibrous		<u> </u>				
	Prep/treatment: mochanica	Sepe	ation		Ast	estos Conicat :	None Dete	cted 		vivitori. vocani na viv 1994
Layer	2 DW Paper / Tape			Stereoscopic Exa	m					
				Color		Cottore	Homogeneous			
	PLM Examination			Tan / W	hite F	Throus	<u>YES</u>	100	ND	5
	FLIM EXECUTATION	T			Color	Parallel	Perpendicular		Extinction	Sign of
	Components	%	+/-	Morphology	/ Pleochroism	Ref. Index	Ref. Index	Biref	Angle	Elongation
	Celfulose Fibers	100		ribbons				high		
Layer	Prep/treatment : mechanica 3 Joint Compound			Stereoscopic Exa	m	Texture	None Deter		ıs % Asbestos	% of Sample
	B			White		Blocky	<u>YES</u>	ND	ND	10
	PLM Examination	Τ		The state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the state of the s	Color	Paraliel	Perpendicular		Extinction	Sign of
l	Components Calcite / Talc / Binders	100		Morphology Non-Fibrous	/ Pleochroism	Ref. Index	Ref. Index	Biref	Angle	Elongation
Layer	Prep/treatment : mechanica		<u> </u>			pestos Content:	None Dete	:ted		
~				Color		Cexture	Homogeneous	?% Fibro	us % Asbestos	% of Sample
				White		Blocky	YES	_ ND	NĐ	5
	PLM Examination						1			1
	Components Calcite / Talc / Binders	% 100	+/-	Morphology Non-Fibrous	Color / Pleochroism	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
	Prep/treatment: mechanica		<u> </u>		Ash	estos Content :	None Dete	ted		
					. Chan			****** .***** ****		42 24 26
							•			
Сошп	nents:	•	***************************************			Analyst: Date Analyza	Steve Mod	ody 17/01	N	
						Lab Job# :	x1B-12301	Samp!	c#: 115S	-15

	Moody Micro Services, II icense No. 30-0084	nc.		Bulk Ash EPA Method 40 CFF						NVLAP Lab	No. 102056
Client	: ETI Environme	ntal S	Servi			*****	A A A A A A A A A A A A A A A A A A A			***************************************	
Projec	t: 15115 Surveyo	r Blva	d.								
Projec				Lab Job#: x18-12	301	Samule	# : 115 S -16				
_		oof F	lash	ing Material						Par	je 1 of 1
	The second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second second secon										,0 1 01 1
Layer	1 Silver Paint			Stereoscopic Exa Color	<u>m</u>	~	cxture	Homogeneous	994 Eibons	. % Arbertse	PZ of Cample
	PLM Examination			Silver	r		Soft	NO	ND	ND	1
		Τ	I.,		Coli		Parailel	Perpendicular		Extinction	Sign of
	Components Pigment / Bioders	100	+/-	Morphology Non-fibrous	/ Pleoch	roism	Ref. Index	Ref. ludex	Biref	Angle	Elongation
	Prep/treatment: heat / melt					Asb	estos Content:	None Deter	cted		
							***************************************			· · · · · · · · · · · · · · · · · · ·	
Layer	2 Roofing Membrane	е		Stereoscopic Exa			čxtue	Homogeneous	?% Fibrou	% Asbestos	% of Sample
	PLM Examination			Black		R	ubbery	YES		ND	59
	Components	%	+/-	Morphology	Cole / Pleoch		Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
	Synthetic Fibers	1!		Monofilaments							
	Calcite Binders / Filters	3(5!		Non-fibrous Non-fibrous					hìgh		
	Prep/treatment : heat / melt		******			/ds	estos Content :	None Deter	:ted 		
Layer	3 Roofing Tar			Stereoscopic Exta			èxiurt	Homogawous	9 6/ 6/6	6/ Achartas	& of Compta
	**************************************			Black			phattic	YES	ND	ND	30
	PLM Examination Components	%	4/-	Morphology	Cok / Pleoch		Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
	Tar Binders	100		Non-fibrous	7 2 FULA	BUSH	Tittle India	***************************************	ZUVI	ruge	Ligania
	Prep/trealment : heat / melt		»·······. •		n andreas and views	Asb 	estos Content :	None Deter	:ted 		
Layer	4 Underlayment			Stereoscopic Exe	m						
				Color Tan		1 F	exture Abrous	Homogeneous YES	7 % Fibrou 80	% Asbestos ND	% of Sumple
	PLM Examination	87	Τ.,		Cole / Pleoch		Parallel	Perpendicular	******	Extinction	Sign of Elongation
	Components Cellulose Fibers	% 8K		Morphology ribbons	/ Picocii	повія	Ref. Index	Ref. Index	Biref high	Angle	Ciongadon
	Perlito	20		Glass Foam			L		0		
L	Prep/treatment : mechanical	l sepa 	ratio	\$ 		Asb 	estos Content :	None Deter	:ted 		
Comm	neats:				*************************************		Analyst : Date Analyza	Steve Mod	ody 17/01	51	- -
						I	Date unsilve	20: 11//	! / U		

Steve Moody Micro Services, Inc. **Bulk Asbestos Analysis Sheet** TDH License No. 30-0084 EPA Method 40 CFR, Ch. 1, Pt. 763, Subpt. F, App. A NVLAP Lab No. 102056 ETI Environmental Services Client: Project: 15115 Surveyor Blvd. Project#: **Not Provided** Lab Job#: x1B-12301 Sample #: 115S-17 Roofing Material Client Sample Description: Page 1 of 1 Layer I Sand Layer Stereuscopic Exam Color Homogeneous? 1% Fibrous 1% Asbestos 1% of Sample Texture Light Grey Hard YE\$ ND ND PLM Examination Color Parallel Extinction Perpendicular Sign of % Ref. Index Bircf Elongation Components Morphology / Pleochroism Ref. Index Angle 100 Non-fibrous Aggregate Prep/treatment: mechanical separation Asbestos Content: None Detected Layer 2 Roofing Membrane Stereoscopic Exam Homogeneous? % Fibrous % Asbestos % of Sample Color Texture Black Rubbery YES PLM Examination Color Parallel Perpendicular Extinction Sign of Morphology Components % / Picochroism Ref. Index Ref. Index Elongation Angle Synthetic Fibers 15 Monofilaments Calcite 30 Non-fibrous high Binders / Fillers 55 Non-fibrous Prep/treatment: heat / melt Asbestes Content: None Detected Layer 3 Underlayment Stereoscopic Exam Homogeneous? % Fibrous % Asbestos % of Sample Color Texture YES ND 20 Fan **Fibrous** 80 PLM Examination Color Parallel Extinction Sign of Perpendicular Elongation % Components +/-Morphology / Pleochroism Ref. Index Ref. Index Hiref Angle Cellulose Fibers 80 ribbons high Perlite 20 Glass Foam Prep/treatment: mechanical separation Ashestos Content: None Detected Steve Moody Comments: Analyst: 11/17/01 Date Analyzed: Lab Job#: x1B-12301 Sample#: 115S-17

	Moody Micro Services, I icase No. 30-0084	nc.		Bulk As EPA Method 40 Cl	bestos Analys FR, Ch. 1, Pt. 76				***************************************	NVLAP Lat	No. 102056
Client	: ETI Environme	ntal 5	Serv	ices							
Project	t: 15115 Surveyo	r Bhy	ď.								
Project	t#: Not Provided			Lab Job#: x1B-1	2301 Sar	nple#	1158-18				
Client	Sample Description: R	loof F	lasi	ning Material					***************************************	Pag	ge 1 of 1
Layer	I Sand Layer			Stereoscopic Ex	ana						
				Cole		Te	kture	Homogeneous	% Fibro	us % Asbestos	% of Sample
	W. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.			Light (Gray	H	ard	YES	ND	ND	5
	PLM Examination	T	Τ		Color	T	Parallel	Perpendicular		Extinction	Sign of
	Components	%	+/-	Morphology	/ Pieochrois	ana.	Ref. Index	Ref. Index	Biref	Angle	Elongation
	Aggregate	100	4	Non-fibrous							
., 	Prep/treatment : mechanical	l sepa	ratio	n		Asbes	ans Content:	None Detec	ted		
I	2 Roofing Membran	_		St							
Layer	2 Nooning Membran			Stereoscopic Ex Colo		Tes	rture	Homogeneous	% Fibro	ns % Ashesins	% of Samule
				Blac			obery	YES	5	ND	50
	PLM Examination		T			Т	45	****		5 4'	
	Components	%	+/-	Morphology	Cofor / Pleochrois		Parallei Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
	Synthetic Fibers	15	1	Monofilaments							
	Calcite Binders / Fillers	3(5)		Non-fibrous			***************************************		high		
	Daniels I Fillers	1 34	1	Non-fibreus		1.	***************************************				
Layer	Prep/treatment : heat / melt Roofing Tar			Stereoscopic Ex				None Detec			
				Colo			duc haltic	Homogeneous'	% Fibro	us % Asbestos ND	% of Sample 25
	PLM Examination			_ DER		2429	11344 (2-9	1 100	1	1342	
				75. 1.1	Color		Parallel	Perpendicular	D	Extinction	Sign of
	Components Tar Binders	% 100	+/-	Morphology Non-fibrous	/ Pleochrois	III .	Ref. Index	Ref. Index	Biref	Angic	Elongation
-	Prep/treatment : heat / melt				Inn	Asbes	tos Conteat :	None Detec	ted 		4444 1444 1854
Layer	4 Underlayment			Stereoscopic Ex	am						
				Colo			cture	Homogeneous?	11		
	PLM Examination			Tar	1	1-10	rous	YES	80	ND	20
	Components	%	+/-	Morphology	Color / Pleochrois	m	Parallel Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign of Elongation
	Celluloso Fibers	20		ribbons					high		
	Perlite	20	<u> </u>	Glass Foam		1		LL	Đ		1
	Prep/treatment : mechanica	l sepa	ratio	n 		Asbes	tos Content :	None Detec	ted		, v en
Comn	nents :						analyst : Date Analyze	Steve Moo		. (ź

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TDH Li) Micro Services, Inc 30-008				Analysis Sheet ethod 600/R-93/116				NVLA	P Lab# 2056
Client :	:	QC SAMPLES									
Sample	#:	x1B-12301*115S	-3								•
•						•					
Sample	Analy	sis :					55511111111111111111111111111111111111				
Layer	1 D	rywali Material			Stracoscopic Exam						
	. –	T THE COURT IS A COUNTY OF STREET			Color	Техше		Homogeneous			
	РІМ Е	xamination			White	Blocky	YES	YES	3	ND	50
			T.,			Color	Paralici	Perpendicular		Extinction	Sign of
	Cellul	Components use Fibers	%		Merphology ribbons	/ Pleochroism	Ref. Index	Ref. Index	Biref high	Angle	Elongation
		m / Binders	95		Non-fibrous				1		
	Prep/o	cetment: mechanical:	sepei	atio —	n — — — — — — .	Asbe	stos Content:	None Detec	ted		
Layer	2 D	W Paper Facing			Stereoscopic Exam					1100	
					Color Tan	Texture Fibrous	YES	Homogeneous' YES	7% Fibrou 100	s % Asbestos ND	% of Sample
	PLM E	xamination	T				Parallel	w/			Sign of
		Components	%	+/-	Morphology	Color · / Pleochroism	Ref. Index	Perpendicular Ref. Index	Biref	Extinction Angle	Sign or Elongation
	Cellul	ose Fibers	100		ribbons				high		L
	Prep/tr	eatment : mechanical :	seper	atio 	n 	Asbe	stos Content :	None Detec	ted	ne appropriate communication of the communication of the communication of the communication of the communication of the communication of the communication of the communication of the communication of the communication of the communication of the communication of the communication of the communication of the communication of the communication of the communication of the communication of the communication of the communication of the communication of the communication of the communication of the communication of the communication of the communication of the communication of the communication of the communication of the communication of the communication of the communication of the communication of the communication of the communication of the communication of the communication of the communication of the communication of the communication of the communication of the communication of the communication of the communication of the communication of the communication of the communication of the communication of the communication of the communication of the communication of the communication of the communication of the communication of the communication of the communication of the communication of the communication of the communication of the communication of the communication of the communication of the communication of the communication of the communication of the communication of the communication of the communication of the communication of the communication of the communication of the communication of the communication of the communication of the communication of the communication of the communication of the communication of the communication of the communication of the communication of the communication of the communication of the communication of the communication of the communication of the communication of the communication of the communication of the communication of the communication of the communication of the communication of the communication of the communication of the communication of the communication o	
Layer	3 T	exture			Stereoscopic Exam						
,					Color	Texture	Priable'	Homogeneous	% Fibrou		
	PLM E	xamination			White	Blocky	YES	YES	ND	ND	30
			I			Color	Parallel	Perpendicular		Extinction	Sign of
	Calcit	Components o / Take / Binders	% 100		Morphology Non-Fibrous	/ Pleochroism	Ref. Index	Ref. Index	Bircf	Angle	Elongation
		alment : mechanical :			WINDOWS	t abo	otos Castant :	None Detec			
			 Selvan		\$\$ ~~~ ~~ ~~ ~~ ~~ ~~ ~	Asoc 		moire Decec	.esu	· ···· ····	
								*			
Comm	ents :	***************************************				-	Analyst Date		W. Mira	cle /	
							Sample #	: x1B-12	301*11:	58-3	

Steve Moody Micro Services, Inc. TDH License# 30-008

QC Analysis Sheet EPA Method 600/R-93/116

NVLAP Lab# 2056

Client:

QC SAMPLES

Sample #: x1B-12301*115S-13

Sample Analysis:

Layer 1 Ceiling Tile

Stereoscopic Exam

Friable? Homogeneous? % Fibrous % Asbestos % of Sample YES YES 80 ND 100 Color Texture Light Grey Fibrous

P	LN	1 E	XII	urn Urn	rati	ion

	l	-		Color	Parallel	Perpendicular		Extinction	Sign of
Components	%	+/-	Morphology	/ Pleochroism	Ref. Index	Ref. Index	Biret	Angle	Elongation
Cellulose Fibers	50		ribbons				high		
Mineral Wool Fibers	30		Rods				0		
Perlite	20		Glass Foam				0		

Prep/treatment: mechanical separation

Ashestos Content: None Detected

Comments:

Analyst: Robert W. Miracle

x1B-12301*115S-13 Sample #:

An

Date: 11/17/01

ETI Environmental Services

4112 VIA BALLENA MESQUITE, TEXAS 75150 (972) 279-9751

November 15, 2001

Steve Moody Micro Services, Inc. 1510 Randolph, Suite 602 Carrollton, Texas 75006

Re: PLM Testing on Bulk Samples

Gentlemen:

We have transmitted 51 bulk samples for PLM testing in accordance with NESHAP Regulations for asbestos to your laboratory at the above address. Provide point-counting on the friable samples with positive stop. Provide total wall system results on tape and bedding samples.

Analysis report is to be broken down and billed by project as follows:

NO. OF	SAMPLE	w.W.	
SAMPLES	DATE	BUILDING NAME	SAMPLE NUMBER
12	11-14-01	15109 Surveyor Blvd.	109S-1 thru 109S-12
12	11-14-01	15111 Surveyor Blvd.	1115-1 thru 1115-12
12	11-14-01	15113 Surveyor Blvd.	113S-1 thru 113S-12
15	11-14-01	15115 Surveyor Blvd. Addison, Texas	115S-1 thru 115S-15

Please list numerically on report from last digit(s) of sample #.

Please submit quality control results with final report.

Please sign and return one copy, keep the other copy for your records.

Thank You.

ETI ENVIRONMENTAL SERVICES

STEVE MOODY MICRO SERVICES, INC.

Eddie Taw_

Asbestos Consultant

Receiver's Signature

11-14-01 8:00 cm

Date

United States Department of Commerce National Institute of Standards and Technology



180/MC GUIDE 28:1990 180 9002:1987

Certificate of Accreditation



STEVE MOODY MICRO SERVICES, INC. CARROLLTON, TX

is recognized under the National Voluntary Laboratory Accreditation Program for satisfactory compliance with criteria established in Title 15, Part 285 Code of Federal Regulations. These criteria encompass the requirements of ISO/IEC Guide 25 and the relevant requirements of ISO 9002 (ANSI/ASQC Q92-1987) as suppliers of calibration or test results. Accreditation is awarded for specific services, listed on the Scope of Accreditation for:

BULK ASBESTOS FIBER ANALYSIS

June 30, 2002

Ravid Z. alderman

For the Harianai Institute of Standards and Technology

NVLAP Lab Code: 102056-0

NVLAPOIC (11-85)

TEXAS

DEPARTMENT OF HEALTH

BE IT KNOWN THAT

STEVE MOODY MICRO SERVICES, INC.

is Licensed and authorized to perform as an

Ashestos Laboratory

in the State of Texas within

Article 4477-38,

E Hound of Healt

according to the

LARRI

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46/01/2001

05/31/2002

Expiration Date

This cartificate is void after expiration date.

JM7Wm-

Todd F. Wingler, P.R.
Chief, Asbestor Programs Branck
Occumentural Robbits and Flexible Distance

C. ? But mo

CAMORI K. BIRL, M. D.

RANDERS DANIEL CONTRIBUTIONS

VOID IF ALTERED NON-TRANSFERABLE 57626

McCRONE RESEARCH INSTITUTE

certifies that

Steven V. Moody

has successfully completed an intensive course of instruction in

"Microscopical Identification of Asbestos" given by the McCrone Research Institute

Presented this 29th day of March, 1985

3.5 CEU's

McCRONE RESEARCH INSTITUTE

certifies that

Steven V. Moody

has successfully completed an intensive course of instruction in

Advanced Ashestos

Identification"

given by the McGrone Research Institute

Presented this 25th day of September, 1985

3.5 CELL'S

Water Na.

TEXAS DEPARTMENT OF HEALTH

BE IT KNOWN THAT

EDDIE TAW, INC./DBA ETI ENVIRONMENTAL SERVICES

is Licensed and authorized to perform as an Asbestos Consultant Agency

the State of Texas wit amended, so long as a according to the	his License is not suspended or revoked and is renewed
10-0016	Sad 7 Wing L
License Humber	
01/06/2001	Todd F, Wingler, P.E.
Pasce Date	Chief, Asbestus Programs Hemich Georgialistal Safety and Health Discoun
01/05/2002	
Expiration Date	Collum & aleba
This certificate is void	William & allaba
after expiration date.	Charles E. Bell, N.D. Executive Deputy Commissions

VOID IF ALTERED NON-TRANSFERABLE 55418

TEXAS DEPARTMENT OF HEALTH

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in the State of Texas within the surview as amended, so long as this Line is according to the rules amounted	
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Licercale Hamber	012/
03/86/2001	Toold F. Wingdog, P.I.
lature Date	Chief, Astronos Programs Drauch Occupational Safety and Health Diriction
01/05/2002	e wordingstower system, many excepts seasonal
Expiration Cate	
This certificate is void	C. E Bell, M.D
after expiration date.	Charles E. Dell, M.D. Executive Deputy Convenieshmen

Texas Department of Health certifies that:

EDDIE TAW

License Number 105055 is Licensed as an

Individual Asbestos Consultant

From 01/06/2001 To 01/05/2002

Charles E. Ball M.D.

Executive Deputy Commissioner

Control No. 55411

Texas Department of Health certifies that:

DIANNE K WOO

License Number 105056 is Licensed as an

Individual Asbestos Consultant

From 01/06/2001 To 01/05/2002

Charles E. Bolk M.D.

Comm

Executive Deputy Commissioner

Control No. 55414

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