Legal Notice
Request for Proposals
Design/Build
Steam Boiler Replacement
Energy Management System Installation
Town of Branford
Orchard House
421 Shore Drive
Branford, CT 06405

The Town of Branford is requesting 2 proposals: 1) for the design/build of a steam boiler replacement with an Building Energy Management System, 2) for the design/build of a steam boiler replacement.

Information packets are available from the Purchasing Department, 1019 Main Street, Branford, CT. A mandatory pre-proposal meeting of the project will be held at the Orchard House on September, 16th, 2009, at 10:00 AM.

Proposals will be received until 3:00 PM., October, 8th, 2009 to the Purchasing Department, 1019 Main Street, Branford, CT. No proposals will be accepted after that time and date. Proposals will be opened publicly at 3:30 PM on October, 8th, 2009.

Nancy Porto
Purchasing Agent

TOWN OF BRANFORD
OFFICE OF THE TREASUER

1019 Main Street
Post Office Box 150
Branford, CT 06405

(203) 488-8394
FAX: 315-3736

General Requirements for Bidding
and
Instructions to Bidders

NOTICE

Information provided in these specifications is ***CONFIDENTIAL*** and is to be used only for the purpose of preparing a proposal. It is further expected that each bidder will read these specifications with care, for failure to meet every one or a combination of specified conditions may invalidate the proposal.

The Town reserves the right to reject any or all bids or any portion thereof and to accept the bid deemed to be in the best interest of the Town of Branford.

Bidders are requested to submit quotations on the basis of these specifications. Alternate quotations will receive consideration providing such alternatives are clearly explained.

The information contained herein is believed to be accurate and is based upon the latest available information but is not to be considered in any way as a warranty.

Revised 5/09
Standard Form

SECTION I - General Terms and Conditions

A. Compliance with Laws

The bidder shall at all times observe and comply with all laws, ordinances and regulations of the federal, state and local governments, which may in any way affect the preparation or the performance of the contract.

B. Timetable

Price quoted must be valid for **90 (Ninety)** days. Delivery and installation completion dates must be included in the bid proposal.

C. Consideration of Proposals

The Board of Selectmen, or a majority of them, reserve the right to select or reject alternate proposals; to waive informality in proposals; and to reject any and all bids, or accept such bid as shall in its judgement be to the best interest of the Town of Branford.

D. Bid Bond **See Bid Proposal Sheet*

1. A certified check or bank draft made payable to the "Treasurer, Town of Branford", or a satisfactory bid executed by the bidder and a surety company in an amount no less that five percent (5%) of the base bid, may be required with each proposal.

2. Checks or drafts will be returned to unsuccessful bidders within ten (10) business days of the bid opening.

E. Performance Bond **See Bid Proposal Sheet*

Successful bidders may be required to furnish a Performance and Payment Bond in the amount of 100% of the contract sum.

F. Protection of Work and Property

Successful bidders shall be responsible for protection of their equipment and materials against theft, damage or deterioration on the site.

G. Competency of Bidders

1. Bidders shall have had proven experience in the field of work.

2. Bidders shall submit with their bid a listing of recent work performed within the State of Connecticut of the size equal to or greater than the work being bid.

H. Alternates

1. Any alternates to specified materials or workmanship must be separately listed and described in detail.

2. Alternates will be considered in awarding the contract only if they provide, as a minimum requirement, all features contained in the specifications.

3. The Town of Branford reserves the sole right to determine through its agents the equality of alternate products and/or installation procedures.

I. Bid Requirements

1. Each bidder shall return two (2) copies of the proposal sheet entitled "Bid Proposal".

2. Each bid proposal must be signed by an authorized agent of the bidder.

3. Successful bidders must obtain any required governmental approvals.

J. Specifications – General

The contract shall include all labor and materials, tools and equipment and services required for proper performance of the work as specified hereinafter and as may be required for proper completion of the work in accordance with the highest standards of the trades involved.

K. Examination of Site

Prior to submission of the bid, contractor shall visit the site, consult with the supervisor, and become thoroughly familiar with all conditions under which the work will be installed. The contractor will be responsible for any assumptions made regarding the site for the work to be performed.

SECTION II - Insurance Requirements

The contractor, following award of the contract, may be required to furnish to the Town of Branford a Certificate of Insurance for the following coverage:

1. Comprehensive General Liability
2. Property Liability Insurance
3. Automobile Liability **
4. Workmen's Compensation and Employees Liability**
5. Professional Liability

In addition to the coverage delineated above, Builders Risk Insurance may be required for construction contracts. The limits of insurance unless otherwise specified shall be a follows:

A. General Liability

Combined single limit of $1,000,000; Bodily Injury $500,000 per occurrence; Property Damage $500,000 per occurrence. The insurance carried by the bidder shall include the following coverage:

1. Comprehensive Form
2. Premises Operations
3. Products Completed Operations
4. Contractual – Hold Harmless Requirements**
5. Independent Contractors
6. Broad Form Property Damage
7. Personal Injury

B. Hold Harmless Requirements

The contractor shall, at all times, indemnify and save harmless the Town of Branford, its officers, agents, and servants on account of any and all claims, damages, losses, litigation expense, counsel fees and compensation

arising out of injuries (including death) sustained by or alleged to have been sustained by the public, any or all persons affected by the contractor's work, or by the contractor, any subcontractor, material, men or anyone directly or indirectly employed by them or any one of them while engaged in the performance of this contract. The Town of Branford shall be named as an additional insured on said policy of public liability insurance to cover all claims against the Town arising out of said contract.

C. Automobile Liability

Combined single limit of $1,000,000; Bodily Injury $500,000 per person/accident; Property Damage $500,000 per accident.

Comprehensive automobile policy to cover all automobile or vehicles owned, hired or owned by contractor's employees and used on business.

D. Workers' Compensation

The contractor must have workers' compensation and liability insurance as provided by Connecticut and federal law with statutory limits of $100,000 per accident, $100,000 disease each employee and $500,000 disease policy limit

The contract shall procure and pay for the insurance coverage described above with the minimum limits of liability as stated. The Certification of Insurance shall certify that said coverage shall be in effect for the term of the contract.

The Town of Branford shall be named as an additional insured on the General Liability Insurance Policy. All policies shall provide for sixty (60) days written notice prior to cancellation, substantial change or non-renewal.

The contractor must be in compliance with the State of Connecticut Public Act Section 86-87, "An Act Concerning Workers' Compensation Insurance Requirements For Contractors, On Public Works Projects and State Licenses".

TOWN OF BRANFORD
Proposals for
Steam Boiler Replacement
With an
Building Energy Management System

We have visited the site and examined all conditions affecting the work.

We hereby propose to furnish all labor and materials required by the contract documents as follows:

Total Proposed Price: _____

Company Name: _____

Company Address: _____

_____

_____ _____

Signature of Authorized Representative Date

_____

Title

List all incentive programs available:

References:

Bid Bond Required	YES	_____%	NO	**X**
Bid Bond Enclosed (if required)	YES		NO	
Performance Bond Required	YES	_____%	NO	**X**

TOWN OF BRANFORD
Proposals for
Steam Boiler Replacement
Minus the Building Energy Management System

We have visited the site and examined all conditions affecting the work.

We hereby propose to furnish all labor and materials required by the contract documents as follows:

Total Proposed Price: _____

Company Name: _____

Company Address: _____

_____

_____ _____

Signature of Authorized Representative Date

_____

Title

List all incentive programs available:

References:

Bid Bond Required	YES	_____%	NO	**X**
Bid Bond Enclosed (if required)	YES		NO	
Performance Bond Required	YES	_____%	NO	**X**

TOWN OF BRANFORD
Department of General Government Buildings
1019 Main Street
P.O. BOX 150,
BRANFORD, CT 06405

Otto Berger
Lead Tradesman

Tel: 203-315-3365
Fax: 203-315-5278
oberger@branford-ct.gov

Request for Proposal
Steam Boiler Replacement
With an
Building Energy Management System

INTRODUCTION

1.1 PURPOSE:

The Town of Branford is inviting qualified firms to submit proposals for design-build for the existing Steam Boiler replacement with a Building Energy Management System at the Orchard House, where Energy Efficiency is a goal.

1.2 LOCATION:

Orchard House
421 Shore Drive
Branford, CT 06405

1.3 Propsals

The town is requesting two proposals
1) Proposal of complete project.
2) Proposal of boiler replacements, minus the energy management system.

1.4 SCOPE OF SERVICES:

The selected submitting firm will be responsible for design and construction of the new steam boilers to replace the existing steam boiler that will include:

1. Preparation of design plans meeting the building code for submission to and approval by the Building Official of the Town of Branford.
2. The Town, waves building permit fee for this project except for the education fee, which will be paid by the contractor.
3. Documentation of assumptions made and/or calculations made in determining the heat loss calculation required to size and capacity of proposed equipment.

4. Contractor shall obtain all proper building permits required to perform this project prior to start of the project.
5. Demo the existing HB Smith Steam Boiler and associated piping.
6. It will be the responsibility of the contractor to remove all asbestos encountered during the project in accordance with all local, state and federal laws and requirements. It will be the responsibility of the contractor to identify and notify on a timely basis, any existing conditions that might contain asbestos in order to coordinate its removal expediently. Notify the Department of Health should asbestos be found.
7. Install new concrete pads for the boilers as required.
8. Contractor shall be responsible to calculate the consumption of the gas usage of the building to properly size the gas pipe to the new steam boilers and heat exchanger.
9. Contractor will provide all rigging necessary to remove existing Steam Boilers of site and existing pipes of site. Existing Hot water boiler shall be salvaged intact and be removed from boiler room and onto a town vehicle.
10. Contractor will provide all rigging for installation of new steam boilers.
11. Install two new smaller cast iron Steam Boilers, and piping to create a replacement. (New boilers use dual fuel (Gas/Oil Combination).
12. Properly size the existing chimney for the two new steam boiler according to manufacturer specifications. Install new sleeves in the existing chimney if necessary. Inspect existing chimney as to the condition.
13. Contractor shall assemble one new steam boiler on the existing concrete pad, and the other on the existing concrete pad.
14. During the heating season, a new concrete pad is to be poured for assembly of new steam in order to keep the heating system operational, if heat is required. New concrete pad is to be installed by the contractor.
15. Contractor shall install new stainless steel breech system.
16. Contractor shall provide and install all new gas piping and gas vent piping (Black Iron Pipe Installed Only) from Gas Meter to the new steam boilers.
17. Contractor shall complete all supply, return; water feed and condensate return piping.
18. Install a Steam to Hot Water Heat Exchanger, which will replace the existing small Hot Water Boiler located behind the existing steam boiler.
19. Contractor shall provide and install all new operating controls and safety controls.
20. Install three new DDC zone valves off the main header.
21. Install new damper actuated combustion air dampers.
22. Install and pipe dual fuel (Oil/Gas Combination) burners (piping for gas, Utility requirement for 1 year). Include with future pipe for oil.
23. Install a complete boiler room Energy Management Control System. Energy management Control System should be expandable to control zones in building for heating and cooling and lighting.
24. Insulate new piping, label, install new gauges, and sensors as required.
25. The contractor shall provide a complete start-up and check for proper operation of all aspects of the new installation(s).
26. Contractor shall perform an efficiency rating test and submit a copy to the town.

27. The contractor will submit four (4) copies of maintenance manuals which will include all equipment installed for this project, as-built, sequence of operations and certificates of warranty.
28. Contractor shall provide a walk-though of the system at which time they will deliver four (4) copies of drawing with all the proper literature such as maintenance literature to the Town of Branford.
29. Contractor is responsible for their inspection from the Building Inspector.
30. Contractor shall provide a one-year warranty for parts and labor on their system installed upon acceptance by the Town of Branford.

31. Attached to the proposal request is information of existing equipment in the building. (It is the contractor's responsibility to acquire all proper information related for this project).
32. Attached with the proposal request is the asbestos report that the town has acquired for your use.
33. The contractor shall advice the Town on any energy efficiency rebates available for this project and complete all necessary paperwork for such rebates.

Sequence of Operation:

Bring boilers on based on outside air temperature and control steam pressure to maintain a pressure difference between the supply and return main. Modulate boilers in lead/lag, zone control valves to modulate with temperature and time of day schedule, occupied/unoccupied.

1.5 MANDATORY SITE INSPECTION:

There is a mandatory site inspection for all interested in submitting a proposal at the Orchard House, 421 Shore Drive, Branford, Ct, at **10:00** AM on **September** , **16th , 2009**. A responsible representative of your company must attend this meeting to become familiar with the setting of this project. The contractor will be responsible for any assumptions made regarding the site for the work to be performed.

GENERAL INFORMATION

2.1 CLIENT

Town of Branford

2.2 CONTACT PERSON:

Otto Berger, Lead Tradesman, General Government Buildings, is the designated contact person for this RFP. Any questions concerning this RFP shall be directed in writing to Otto Berger no less than seven days prior to the submission deadline. A written response will be faxed no less than three days prior to the submission deadline to all firms who have picked up an information packet from the Purchasing Agent and who have attended the mandatory pre-proposal meeting. The contact information for Otto Berger is:

Mailing address: General Government Buildings
P.O. Box 150
Branford, CT 06405
Fax: (203) 315-5278
E-mail: oberger@branford-ct,.gov

2.2 AVAILABLE INFORMATION:

Included with each information packet are copies of the proposed Steam Boiler Replacement plans for the Orchard House Building. They are not as-built plans and should be only used for reference in light of this fact.

SUBMISSION OF PROPOSALS

All proposals shall be delivered to the Purchasing Agent, 1019 Main Street, Branford, CT 06405. All proposals must be received by 3:00 PM., **_October_**, **_8th_**, **2009**, and they will be opened publicly at 3:30 PM that same day.

3.1 PROPOSAL REQUIREMENTS:

All proposals shall address all the requirements outlined in the scope of services and include the following:

- A completed proposal sheet (2 copies, see attached) shall be submitted.
- Design plans and/or sketches with appropriate labels and a comprehensive description of the proposal.
- Manufacturer specifications and warranties for the equipment and units being proposed and a full description of materials, including.
- The contact name and applicable licenses of the persons involved in the project.
- The name of the principal contact person for the project including address, phone number and fax number.
- A list of sub-contractors to be used for the project including their respective licenses
- A schedule, including estimated start and completion dates, demonstrating that the work can be done as soon as possible after the acceptance of the proposal.
- All requirements as defined in the "General Requirements for Bidders" included in this RFP package (see attached)
- Proposals shall include a listing of recent work performed within the State of Connecticut of the size equal to or greater than the work being proposed
- Proposal shall include all incentives and rebates for the Town.

SUBMISSION OF PROPOSALS

3.2 RFP REVIEW CRITERIA:

The written response of each proposal to the above requirements shall be utilized as criteria in the review process. Consideration will be given to the type and quality of equipment being proposed as well as the overall cost of the proposal. A committee consisting of the Capital Projects Manager, Tradesman and other town staff members shall review the Proposals. A recommendation will be made to the Board of Selectmen.

3.3 SELECTION:

Upon selection, the successful firm and the Town will execute contractual documents.

3.3 CODE COMPLIANCE:

All work performed for this project shall be done by licensed technicians and in compliance with all Building Code requirements and regulations. All building and/or mechanical permits must be obtained by the contractor prior to beginning the project.

The following information listed below is in regards to calculating the gas consumption and for sizing the steam boiler

HB Smith Series 28 Steam Boiler:

Sect,	Sq. ft. steam	steam	water	Light oil gph	gas mbh	capacity lbs/hr
8	5875	1,409,800	1,582,600	15.8	2212	1820

A.O. Smith Water Heater:

Model # FSG 50 248
Gas NaturalBTU/HR Input 40000

Kitchen:

1 – Oven
Wolf Range Co. Compton, Ca.
Wolf Air Flow"Snorkler" #19421 this could be the stove #
Nat. Gas Press. At Plug 4.8" W.C

Maxitrol RV48L ½ "PSIG 3.0 – 6.0

Burnham:

Low Pressure Boiler
Model # PV83WC-TBWN
Serial # 64414082

Burner

Beckett
Model # "AFG"
Serial # 011212-61419

Gas Meter:

Southern Connecticut Gas #721082
AC-250 RAL MAOP 5 PSI
250 C.F.M. @ ½ Diff ANSI- Class 250
Installed 1999

Upon past conversation with the Gas Company, gas out on the street is **Low Pressure (6" water column). The contractor will double check this information with the gas company.**

Contractor is responsible to check all the information to insure that they are correct for their purpose of bidding this project.

Property Location: 345 SHORE DR | **MAP ID:** C10/C11 001/ 00006/ / | **Bldg Name:** | **State Use:** 903I

Vision ID: 5575 | **Account #** 011051 | **Bldg #:** 1 of 1 | **Sec #:** 1 of 1 | **Card** 1 of 1 | **Print Date:** 09/04/2007 22:06

CURRENT OWNER

BRANFORD TOWN OF SHORT BEAC

1019 MAIN ST

BRANFORD, CT 06405

Additional Owners:

TOPO. / UTILITIES / STRT./ROAD / LOCATION

TOPO.		UTILITIES		STRT./ROAD		LOCATION	
1	Level	2	Public Water	1	Paved	2	Suburban
4	Rolling	3	Public Sewer	5	Curb & Gutter		

SUPPLEMENTAL DATA

Other ID: C10/C11/001/00006/

CONDO BLDG

CONDO UNIT

CONDO FLOOI

HLDG TK

CENSUS TR 1843

GIS ID: C10/C11/001/00006

ASSOC PID#

CURRENT ASSESSMENT

Description	Code	Appraised Value	Assessed Value
EX COM LN	21	500,100	350,100
EX COM BL	22	1,547,800	1,083,500
EX CM OTB	25	15,000	10,500
	Total	2,062,900	1,444,100

6014
BRANFORD, CT

VISION

RECORD OF OWNERSHIP

RECORD OF OWNERSHIP	BK-VOL/PAGE	SALE DATE	q/u	v/i	SALE PRICE	V.C.
BRANFORD TOWN OF SHORT BEACH SCHOOL	/					
BRANFORD TOWN OF SHORT BEACH SCHOOL	/					

PREVIOUS ASSESSMENTS (HISTORY)

Yr.	Code	Assessed Value	Yr.	Code	Assessed Value	Yr.	Code	Assessed Value
2004	21	350,100	2003	TTL	1,295,100	2002	21	287,500
2004	22	1,083,500				2002	22	998,100
2004	25	10,500				2002	25	14,000
	Total:	1,444,100		*Total:*	1,295,100		*Total:*	1,299,600

EXEMPTIONS

Year	Type	Description	Amount
		Total:	

OTHER ASSESSMENTS

Code	Description	Number	Amount	Comm. Int.

This signature acknowledges a visit by a Data Collector or Assessor

ASSESSING NEIGHBORHOOD

NBHD/ SUB	NBHD NAME	STREET INDEX NAME	TRACING	BATCH
0650/A				

NOTES

ADULT DAY CARE CENTER =WASTELAND

TOWN OF BRANFORD

(VARIOUS)(FIRE TRAINING CTR)

LANDOLD CARD SHOWS

2.13 ACRES OF 6.13 ACRES

APPRAISED VALUE SUMMARY

Appraised Bldg. Value (Card)	1,547,800
Appraised XF (B) Value (Bldg)	0
Appraised OB (L) Value (Bldg)	15,000
Appraised Land Value (Bldg)	500,100
Special Land Value	0
Total Appraised Parcel Value	2,062,900
Valuation Method:	C
Adjustment:	0
Net Total Appraised Parcel Value	2,062,900

BUILDING PERMIT RECORD

Permit ID	Issue Date	Type	Description	Amount	Insp. Date	% Comp.	Date Comp.	Comments
17289	01/24/2002			240,000	06/14/2002	100	10/01/2002	2000SF ADDN REAR
16962	11/23/2001	CM	Commercial	0	10/01/2002	100		FOOTING+FNDT FOR

VISIT/ CHANGE HISTORY

Date	Type	IS	ID	Cd.	Purpose/Result
10/14/2004			SF	11	Field Review
6/17/2002			TM	00	Measur+Listed

LAND LINE VALUATION SECTION

B #	Use Code	Use Description	Zone	D	Frontage	Depth	Units		Unit Price	I. Factor	S.A.	Acre Disc	C. Factor	ST. Idx	Adj.	Notes- Adj	Special Pricing		Adj. Unit Price	Land Value
1	903I	MUNICIPAL MDL96	R-4				1.00	AC	115,400.00	1.00	5	1.0000	2.00	0650	1.30	USE				300,000
1	9030	MUNICIPAL MDL00					5.13	AC	15,000.00	1.00	0	1.0000	2.00	0650	1.30					200,100
		Total Card Land Units:					6.13	AC	Parcel Total Land Area:	6.13 AC									Total Land Value:	500,100

Property Location: 345 SHORE DR | **MAP ID:** C10/C11 001/ 00006/ / | **Bldg Name:** | **State Use:** 903I

Vision ID: 5575 | **Account #** 011051 | **Bldg #:** 1 of 1 | **Sec #:** 1 of 1 | **Card** 1 of 1 | **Print Date:** 09/04/2007 22:06

CONSTRUCTION DETAIL

Element	Cd.	Ch.	Description
Style	72		Public School
Model	96		Ind/Comm
Grade	03		C
Stories	1		
Occupancy	2		
Exterior Wall 1	20		Brick
Exterior Wall 2			
Roof Structure	01		Flat
Roof Cover	04		T&G/Rubber
Interior Wall 1	01		Minim/Masonry
Interior Wall 2			
Interior Floor 1	05		Vinyl/Asphalt
Interior Floor 2			
Heating Fuel	02		Oil
Heating Type	05		Hot Water
AC Type	01		None
Bldg Use	903I		MUNICIPAL MDL96
Total Rooms			
Total Bedrms	00		
Total Baths	0		
Heat/AC	02		HEAT/AC SPLIT
Frame Type	03		MASONRY
Baths/Plumbing	02		AVERAGE
Ceiling/Wall	06		CEIL & WALLS
Rooms/Prtns	02		AVERAGE
Wall Height	14		
% Comn Wall			

CONSTRUCTION DETAIL (CONTINUED)

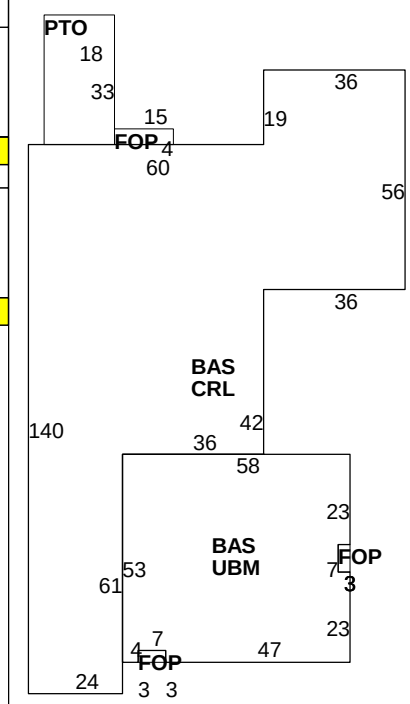
Element	Cd.	Ch.	Description

MIXED USE

Code	Description	Percentage
903I	MUNICIPAL MDL96	100

COST/MARKET VALUATION

Adj. Base Rate:	182.62
Section. RCN:	2,179,935
Net Other Adj:	0.00
Replace Cost	2,179,935
AYB	1952
Dep Code	G
Remodel Rating	
Year Remodeled	
Dep %	29
Functional Obslnc	0
External Obslnc	0
Cost Trend Factor	1
Status	
% Complete	
Overall % Cond	71
Apprais Val	1,547,800
Dep % Ovr	0
Dep Ovr Comment	
Misc Imp Ovr	0
Misc Imp Ovr Comment	
Cost to Cure Ovr	0
Cost to Cure Ovr Comment	



OB-OUTBUILDING & YARD ITEMS(L) / XF-BUILDING EXTRA FEATURES(B)

Code	Description	Sub	Sub Descript	L/B	Units	Unit Price	Yr	Gde	Dp Rt	Cnd	%Cnd	Apr Value
PAV1	PAVING-ASPH			L	20,000	1.50	2002		0		50	15,000

BUILDING SUB-AREA SUMMARY SECTION

Code	Description	Living Area	Gross Area	Eff. Area	Unit Cost	Undeprec. Value
BAS	First Floor	11,252	11,252	11,252	182.62	2,054,840
CRL	Crawl Space	0	8,220	0	0.00	0
FOP	Porch, Open	0	102	20	35.81	3,652
PTO	Patio	0	594	59	18.14	10,775
UBM	Basement, Unfinished	0	3,032	606	36.50	110,668
	Ttl. Gross Liv/Lease Area:	11,252	23,200	11,937		2,179,935

ENVIROMED SERVICES, INC.

Asbestos Inspection Report
for
421 Shore Drive Boiler Components
Branford, Connecticut

prepared for:
Town Of Branford
Department of General Government Buildings
1019 Main Street Branford, Ct 06405

August 10, 2009

EnviroMed Project # IH-09-202

470 Murdock Avenue, Meriden, CT 06450
(203) 238-4846 • facsimile (203) 238-4243

Table of Contents

I. PROJECT NARRATIVE

Overview

On August 10, 2009, a state-licensed asbestos inspector, Gene Berube (License # 000144), from Enviromed Services, Inc. (Enviromed) performed an asbestos inspection at 421 Shore Drive Branford, Connecticut. The purpose of this inspection was to identify the presence of asbestos in suspect boiler components, as directed by the client.

Samples were collected in accordance with 40 CFR Part 763.86 and 29 CFR Part 1926.1101, and analyzed using Polarized Light Microscopy (PLM).

A total of thirty (30) bulk samples were collected. The interior materials sampled include: 12", 8", and 6" pipe insulation, mud / pipe joint insulation, black patching cement, rib rope / rope gasket, red compound sealer, and exhaust breeching cement insulation.

Refer to Section II, Bulk Sample location Diagrams, for sample locations and identification.

Summary of Results

EnviroMed Services, Inc. accredited asbestos laboratory (NVLAP 200858-0) analyzed the bulk samples. Section III presents the complete list of analytical results for samples collected. The following presents the locations and estimated quantities of materials found to contain asbestos grater than 1.0 percent:

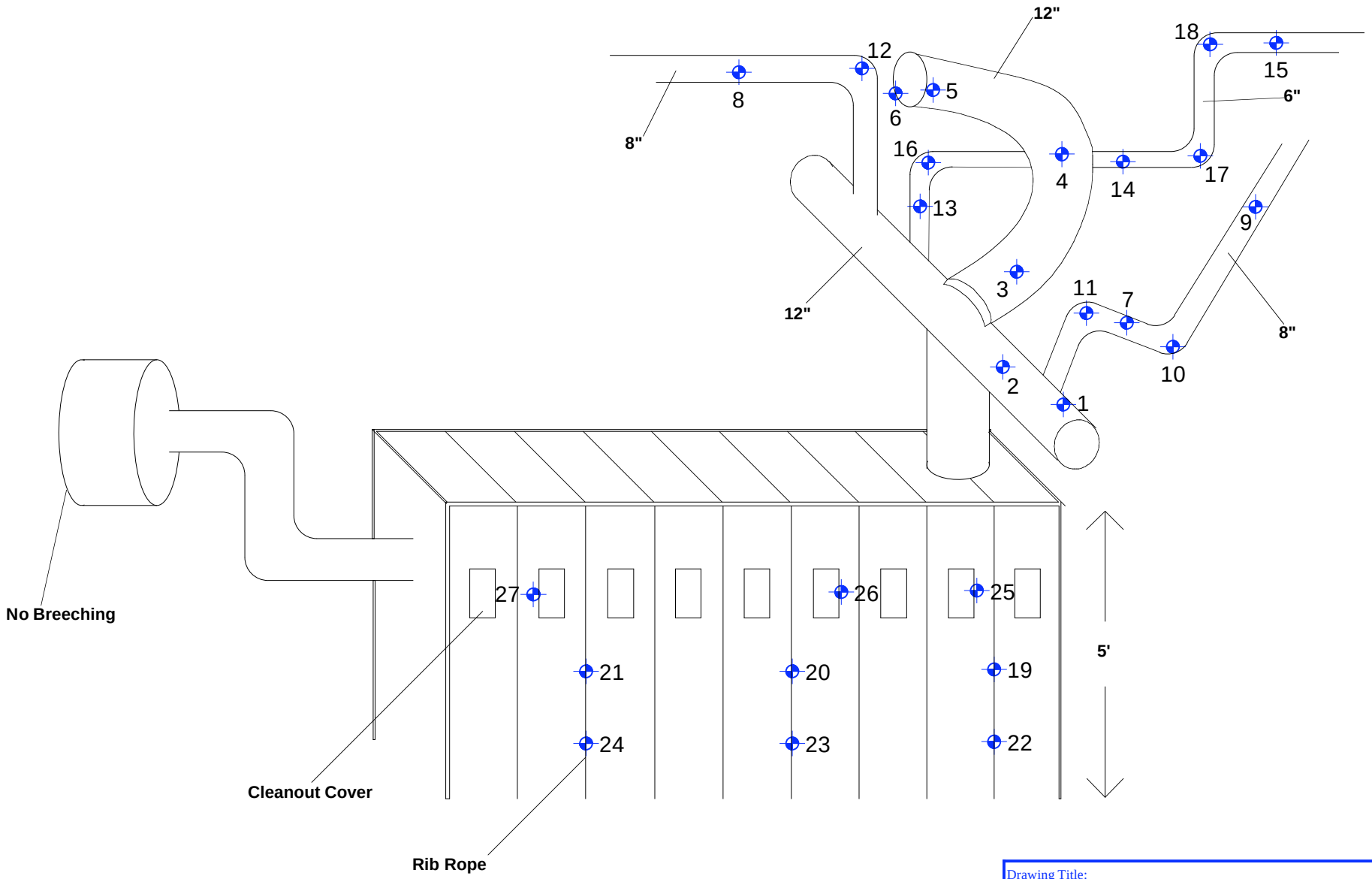
See Section III for results of all samples taken and Section IV for a copy of the laboratory analysis sheets for the samples collected.

Approximately 12' of beige 12" pipe insulation was found to contain between 30% and 40% asbestos. Approximately 3 pieces of beige mud / 12" pipe joint insulation was found to contain 60% asbestos. Approximately 42' of beige 8" pipe insulation was found to contain between 45% and 55% asbestos. Approximately 5 pieces of beige mud / 8" pipe joint insulation was found to contain 60% asbestos. Approximately 65' of beige 6" pipe insulation was found to contain between 33% and 40% asbestos. Approximately 7 pieces of beige mud / 6" pipe joint insulation was found to contain between 45% and 60% asbestos.

Additional Notes

The possibility exists that suspect asbestos containing materials may be located behind fixed walls, under fixed flooring or above fixed ceilings. In the event of any renovation/demolition activities, upon the penetration or demolition of a fixed wall or ceiling, should any suspect materials be seen, a licensed asbestos inspector should be contacted to provide a follow-up inspection to determine the presence of asbestos.

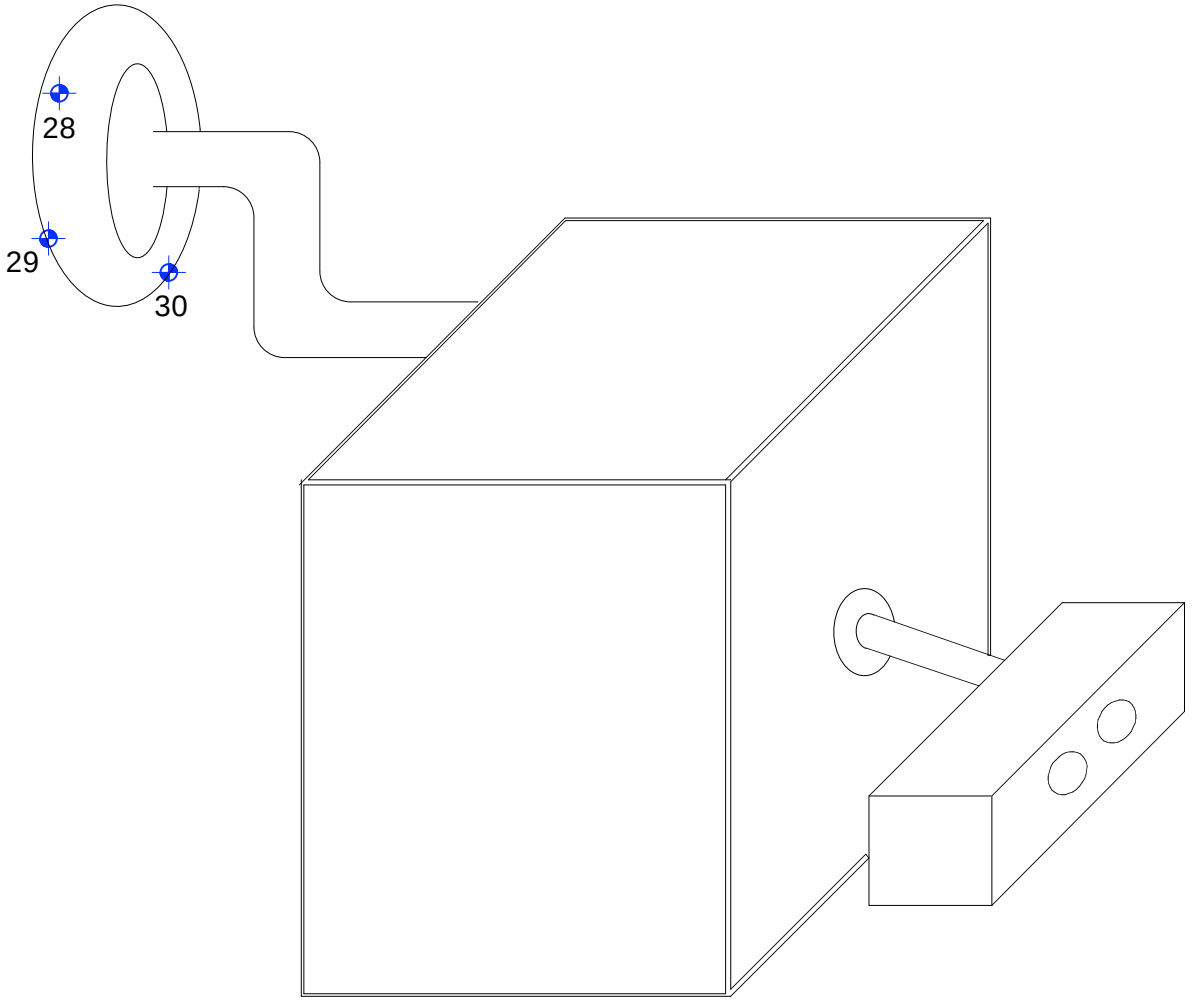
II. BULK SAMPLE LOCATION DIAGRAMS



LEGEND: BOILER SYSTEM #1

: SAMPLE LOCATIONS

Drawing Title: Asbestos Inspection Location Diagram	
Prepared by: EnviroMed Services, Inc. 470 Murdock Ave., Meriden, CT	Date: 08/19/09
	Scale : NTS
Project: 421 Shore Drive Branford, CT	Drawn By : DP
Prepared for: Town of Branford Dept. of General Government Buildings	Approved By : TN
EnviroMed Services # IH-09-202	Drawing No. 1 of 2



LEGEND: BOILER SYSTEM #2

⌖ : SAMPLE LOCATIONS

Drawing Title: Asbestos Inspection Location Diagram	
Prepared by: EnviroMed Services, Inc. 470 Murdock Ave., Meriden, CT	Date: 08/19/09
	Scale : NTS
Project: 421 Shore Drive Branford, CT	Drawn By : DP
Prepared for: Town of Branford Dept. of General Government Buildings	Approved By : TN
EnviroMed Services # IH-09-202	Drawing No. 2 of 2

III. RESULTS TABLE

*For more specific Locations look to Part II of the report
* Sample ID listed by date and sample number

BOILER SYSTEM	LOCATION	MATERIAL TYPE	PERCENT ASBESTOS	MATERIAL QUANTITY	SAMPLE ID
1	12″ Pipe	Beige Pipe Insulation	30	12 Linear Ft	090810-01
1	12″ Pipe	Beige Pipe Insulation	40	12 Linear Ft	090810-02
1	12″ Pipe	Beige Pipe Insulation	45	12 Linear Ft	090810-03
1	12″ Pipe Elbows	Beige Mud / Pipe Joint Insulation	60	3 Pieces	090810-04
1	12″ Pipe Elbows	Beige Mud / Pipe Joint Insulation	60	3 Pieces	090810-05
1	12″ Pipe Elbows	Beige Mud / Pipe Joint Insulation	60	3 Pieces	090810-06
1	8″ Pipe	Beige Pipe Insulation	45	42 Linear Ft	090810-07
1	8″ Pipe	Beige Pipe Insulation	47	42 Linear Ft	090810-08
1	8″ Pipe	Beige Pipe Insulation	55	42 Linear Ft	090810-09
1	8″ Pipe Elbows	Beige Mud / Pipe Joint Insulation	60	5 Pieces	090810-10
1	8″ Pipe Elbows	Beige Mud / Pipe Joint Insulation	60	5 Pieces	090810-11
1	8″ Pipe Elbows	Beige Mud / Pipe Joint Insulation	60	5 Pieces	090810-12
1	6″ Pipe	Beige Pipe Insulation	40	65 Linear Ft	090810-13
1	6″ Pipe	Beige Pipe Insulation	40	65 Linear Ft	090810-14

1	6″ Pipe	Beige Pipe Insulation	33	65 Linear Ft	090810-15
1	6″ Pipe Elbows	Beige Mud / Pipe Joint Insulation	60	7 Pieces	090810-16
1	6″ Pipe Elbows	Beige Mud / Pipe Joint Insulation	45	7 Pieces	090810-17
1	6″ Pipe Elbows	Beige Mud / Pipe Joint Insulation	56	7 Pieces	090810-18
1	Rib Rope/ Boiler Wall	Black Packing Cement / Insulation	NAD	3″ wide	090810-19
1	Rib Rope/ Boiler Wall	Black Packing Cement / Insulation	NAD	3″ wide	090810-20
1	Rib Rope/ Boiler Wall	Black Packing Cement / Insulation	NAD	3″ wide	090810-21
1	Boiler Wall	Beige Rope Gasket	NAD	1″ Round	090810-22
1	Boiler Wall	Beige Rope Gasket	NAD	1″ Round	090810-23
1	Boiler Wall	Beige Rope Gasket	NAD	1″ Round	090810-24
1	Cleanout Cover	Red Compound Sealer	NAD	4″ X 18″	090810-25
1	Cleanout Cover	Red Compound Sealer	NAD	4″ X 18″	090810-26
1	Cleanout Cover	Red Compound Sealer	NAD	4″ X 18″	090810-27
2	Exhaust Pipe	Brown Cementitious Exhaust Breeching Insulation	NAD	12″ round	090810-28
2	Exhaust Pipe	Brown Cementitious Exhaust Breeching Insulation	NAD	12″ round	090810-29
2	Exhaust Pipe	Brown Cementitious Exhaust Breeching Insulation	NAD	12″ round	090810-30

IV. LABORATORY ANALYSIS SHEETS

Bulk Asbestos Analysis Report

EnviroMed Services, Inc.
470 Murdock Ave., Box 13, Meriden, CT 06450
Phone (203)238-4846 : Facsimile (203)238-4243

Sample ID #: IH-08-202 - QC # 1 Lab # 18761

Customer Name, Address: CTio Berger Town of Branford

Sample Location: (Including Room, Building): 421 Shore Drive Branford CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
~~Boiler Insulation:~~	~~Spray-on Fireproofing:~~	~~Susp.Ceiling~~
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation: X	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing
		Transite:
		Wallboard:
		Other:

Collected by: CB

Date: 8-10-9

Analyzed by: T. Chamberland

Date: 8/18/09

Analytical Method: Polarized Light Microscopy with Dispersion Staining	A	B	C
Homogeneous (y,n)	Y		
Gross Appearance (color, texture)	Beige Fibrous		
Type of Asbestos Present	Chrysotile		
Percent Asbestos	25%		
Morphology	Wavy		
Refractive Index Parallel/Perpendicular	1.556 / 1.547		
Dispersion Colors Parallel/Perpendicular	Magenta / Blue		
Extinction Characteristics (parallel, oblique, wavy)	P		
Sign of Elongation (+/-)	+		
Pleochroism (color) Parallel/Perpendicular	N		
Birefringence (o,l,m,h)	L		
Type(s) of Non-Asbestos Fibers Present (and %)	40% Cellulose		
Non-Asbestos Fibers Optical Property	Incomplete Extinction		
Type(s) & Percent of (non-fibrous) Materials Present	35% Particulate		
Total % Asbestos (sample)	25% Chrysotile		

Comments: QC #1

Accredited for Bulk Asbestos Analysis by NVLAP Lab Code #200858-0 CT Lab #PH-0571

The results of this analysis were obtained by a qualified individual using approved methodology, and relate only to the items tested. This report cannot be used by the customer to claim product endorsement by the National Voluntary Laboratory Accreditation Program (NVLAP) or any other agency of the U.S. Government. Rev. 4-21-09-LJC

Bulk Asbestos Analysis Report

EnviroMed Services, Inc.
470 Murdock Ave., Box 13, Meriden, CT 06450
Phone (203)238-4846 : Facsimile (203)238-4243

Sample ID #: IH-08-202 - QC # 11 Lab # 18761

Customer Name, Address: CTio Berger Town of Branford

Sample Location: (Including Room, Building): 421 Shore Drive Branford CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
~~Boiler Insulation:~~	~~Spray-on Fireproofing:~~	~~Susp.Ceiling~~
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation: X	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing
		Transite:
		Wallboard:
		Other:

Collected by: CB

Date: 8-10-9

Analyzed by: T. Chamberland

Date: 8/18/09

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)	Y		
Gross Appearance (color, texture)	Gray Fibrous		
Type of Asbestos Present	Chrysotile		
Percent Asbestos	50%		
Morphology	Wavy		
Refractive Index Parallel/Perpendicular	1.556 / 1.547		
Dispersion Colors Parallel/Perpendicular	Magenta / Blue		
Extinction Characteristics (parallel, oblique, wavy)	P		
Sign of Elongation (+/-)	+		
Pleochroism (color) Parallel/Perpendicular	N		
Birefringence (o,l,m,h)			
Type(s) of Non-Asbestos Fibers Present (and %)	10% Cellulose		
Non-Asbestos Fibers Optical Property	Incomplete Extinction		
Type(s) & Percent of (non-fibrous) Materials Present	40% Particulate		
Total % Asbestos (sample)	50% Chrysotile		

Comments: QC #11

Accredited for Bulk Asbestos Analysis by **NVLAP Lab Code #200858-0** **CT Lab #PH-0571**

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Bulk Asbestos Analysis Report — EnviroMed Services, Inc.

470 Murdock Ave., Box 13, Meriden, CT 06450
Phone (203)238-4846 : Facsimile (203)238-4243

Sample ID #: IH-09-202 - QC # 21 Lab,# 18761

Customer Name, Address: CTio Berger Town of Branford

Sample Location: (Including Room, Building): 421 Shore Drive Branford CT.

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation: ~~Blackcoat~~	~~Spray-on Fireproofing:~~	~~Susp.Ceiling~~
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing
		Transite:
		Wallboard:
		Other:

Collected by: CB

Date: 8-10-9

Analyzed by: T. Cranmland

Date: 8/18/09

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)	Y		
Gross Appearance (color, texture)	Black cementitious		
Type of Asbestos Present			
Percent Asbestos	0%		
Morphology			
Refractive Index Parallel/Perpendicular			
Dispersion Colors Parallel/Perpendicular			
Extinction Characteristics (parallel, oblique, wavy)			
Sign of Elongation (+/-)			
Pleochroism (color) Parallel/Perpendicular			
Birefringence (o,l,m,h)			
Type(s) of Non-Asbestos Fibers Present (and %)	5% Cellulose 3% Fiberglass		
Non-Asbestos Fibers Optical Property	Incomplete Extinction Isotropic		
Type(s) & Percent of (non-fibrous) Materials Present	92% Particulate		
Total % Asbestos (sample)	0%		

Comments: QC #21

Accredited for Bulk Asbestos Analysis by **NVLAP Lab Code #200858-0** **CT Lab #PH-0571**

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Bulk Asbestos Analysis Report

EnviroMed Services, Inc.
470 Murdock Ave., Box 13, Meriden, CT 06450
Phone (203)238-4846 : Facsimile (203)238-4243

Sample ID #: IH-09-202-1 Lab# 18761

Customer Name, Address: CTio Berger Town of Branford

Sample Location: (Including Room, Building): 421 Shore Drive Branford CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation: X	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing
		Transite:
		Wallboard:
		Other:

Collected by: CB

Date: 8-10-9

Analyzed by: JLetvak

Date:

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)	y		
Gross Appearance (color, texture)	Beige fibrous		
Type of Asbestos Present	Chrysotile		
Percent Asbestos	30%		
Morphology	any		
Refractive Index Parallel/Perpendicular	1.547/1.550		
Dispersion Colors Parallel/Perpendicular	+ blue/magenta		
Extinction Characteristics (parallel, oblique, wavy)	//		
Sign of Elongation (+/-)	+		
Pleochroism (color) Parallel/Perpendicular	N		
Birefringence (o,l,m,h)	L		
Type(s) of Non-Asbestos Fibers Present (and %)	40% Cellulose		
Non-Asbestos Fibers Optical Property	Incomplete Extinction		
Type(s) & Percent of (non-fibrous) Materials Present	30% Particulate		
Total % Asbestos (sample)	30% Chrysotile		

Comments:

Accredited for Bulk Asbestos Analysis by NVLAP Lab Code #200858-0 CT Lab #PH-0571

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Bulk Asbestos Analysis Report

EnviroMed Services, Inc.
470 Murdock Ave., Box 13, Meriden, CT 06450
Phone (203)238-4846 : Facsimile (203)238-4243

Sample ID #: IH-09-202-2 Lab # 18761

Customer Name, Address: CTio Berger Town of Branford

Sample Location: (Including Room, Building): 421 Shore Drive Branford CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation: X	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing
		Transite:
		Wallboard:
		Other:

Collected by: CB

Date: 8-10-9

Analyzed by: [signature]

Date: 8/18/09

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)	y		
Gross Appearance (color, texture)	Beige fibers		
Type of Asbestos Present	Chrysotile		
Percent Asbestos	40%		
Morphology	wavy		
Refractive Index Parallel/Perpendicular	1.547/1.550		
Dispersion Colors Parallel/Perpendicular	blue/magenta		
Extinction Characteristics (parallel, oblique, wavy)	p		
Sign of Elongation (+/-)	+		
Pleochroism (color) Parallel/Perpendicular	n		
Birefringence (o,l,m,h)	l		
Type(s) of Non-Asbestos Fibers Present (and %)	40% Cellulose		
Non-Asbestos Fibers Optical Property	Incomplete Extinction		
Type(s) & Percent of (non-fibrous) Materials Present	20% Particulate		
Total % Asbestos (sample)	40% Chrysotile		

Comments:

Accredited for Bulk Asbestos Analysis by **NVLAP Lab Code #200858-0** **CT Lab #PH-0571**

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Bulk Asbestos Analysis Report

EnviroMed Services, Inc.
470 Murdock Ave., Box 13, Meriden, CT 06450
Phone (203)238-4846 : Facsimile (203)238-4243

Sample ID #: IH-09-202-3 Lab.# 18761

Customer Name, Address: CTio Berger Town of Branford

Sample Location: (Including Room, Building): 421 Shore Drive Branford CT.

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation: X	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing
		Transite:
		Wallboard:
		Other:

Collected by: CB

Date: 8-10-9

Analyzed by: [signature]

Date: 8/18/09

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)	y		
Gross Appearance (color, texture)	Beige fibrous		
Type of Asbestos Present	Chrysotile		
Percent Asbestos	45%		
Morphology	curvy		
Refractive Index Parallel/Perpendicular	[illegible]		
Dispersion Colors Parallel/Perpendicular	[illegible]		
Extinction Characteristics (parallel, oblique, wavy)	[illegible]		
Sign of Elongation (+/-)	[illegible]		
Pleochroism (color) Parallel/Perpendicular	[illegible]		
Birefringence (o,l,m,h)	[illegible]		
Type(s) of Non-Asbestos Fibers Present (and %)	30% Cellulose		
Non-Asbestos Fibers Optical Property	Incomplete Extinction		
Type(s) & Percent of (non-fibrous) Materials Present	25% Particulate		
Total % Asbestos (sample)	45% Chrysotile		

Comments:

Accredited for Bulk Asbestos Analysis by **NVLAP Lab Code #200858-0** **CT Lab #PH-0571**

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Bulk Asbestos Analysis Report — EnviroMed Services, Inc.

470 Murdock Ave., Box 13, Meriden, CT 06450
Phone (203)238-4846 : Facsimile (203)238-4243

Sample ID #: IH-09-202-4 Lab.# 18761

Customer Name, Address: CTio Berger Town of Branford

Sample Location: (Including Room, Building): 421 Shore Drive Branford CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation: X	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing
		Transite:
		Wallboard:
		Other:

Collected by: CB

Date: 8-10-9

Analyzed by: _____

Date: _____

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)	y		
Gross Appearance (color, texture)	Bright fibrous		
Type of Asbestos Present	Chrysotile		
Percent Asbestos	60%		
Morphology	fiber		
Refractive Index Parallel/Perpendicular	1.57/1.55		
Dispersion Colors Parallel/Perpendicular	blue/magenta		
Extinction Characteristics (parallel, oblique, wavy)	P		
Sign of Elongation (+/-)	+		
Pleochroism (color) Parallel/Perpendicular	N		
Birefringence (o,l,m,h)	L		
Type(s) of Non-Asbestos Fibers Present (and %)	10% Cellulose		
Non-Asbestos Fibers Optical Property	Incomplete Extinction		
Type(s) & Percent of (non-fibrous) Materials Present	30% Particulate		
Total % Asbestos (sample)	60% Chrysotile		

Comments: _____

Accredited for Bulk Asbestos Analysis by **NVLAP Lab Code #200858-0** **CT Lab #PH-0571**

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Bulk Asbestos Analysis Report

EnviroMed Services, Inc.
470 Murdock Ave., Box 13, Meriden, CT 06450
Phone (203)238-4846 : Facsimile (203)238-4243

Sample ID #: IH-09-202-5 Lab # 18761

Customer Name, Address: CTio Berger Town of Branford

Sample Location: (Including Room, Building): 421 Shore Drive Branford CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation: X	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing
		Transite:
		Wallboard:
		Other:

Collected by: CB

Date: 8-10-9

Analyzed by: [signature]

Date: 8/17/09

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)	y		
Gross Appearance (color, texture)	Beige / Mixed		
Type of Asbestos Present	Chrysotile		
Percent Asbestos	60%		
Morphology	fiber		
Refractive Index Parallel/Perpendicular	1.550 / 1.545		
Dispersion Colors Parallel/Perpendicular	Blue / Magenta		
Extinction Characteristics (parallel, oblique, wavy)	P		
Sign of Elongation (+/-)	+		
Pleochroism (color) Parallel/Perpendicular	N/C		
Birefringence (o,l,m,h)			
Type(s) of Non-Asbestos Fibers Present (and %)	10% Cellulose		
Non-Asbestos Fibers Optical Property	Incomplete Extinction		
Type(s) & Percent of (non-fibrous) Materials Present	30% Particulate		
Total % Asbestos (sample)	60% Chrysotile		

Comments:

Accredited for Bulk Asbestos Analysis by **NVLAP Lab Code #200858-0** **CT Lab #PH-0571**

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Bulk Asbestos Analysis Report

EnviroMed Services, Inc.
470 Murdock Ave., Box 13, Meriden, CT 06450
Phone (203)238-4846 : Facsimile (203)238-4243

Sample ID #: IH-09-202-6 Lab #: 18761

Customer Name, Address: CTio Berger Town of Branford

Sample Location: (Including Room, Building): 421 Shore Drive Branford CT.

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation: X	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing
		Transite:
		Wallboard:
		Other:

Collected by: CB

Date: 8-10-9

Analyzed by:

Date: 8/18/09

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)	Y		
Gross Appearance (color, texture)	Bright fibrous		
Type of Asbestos Present	Chrysotile		
Percent Asbestos	60%		
Morphology			
Refractive Index Parallel/Perpendicular			
Dispersion Colors Parallel/Perpendicular			
Extinction Characteristics (parallel, oblique, wavy)	P		
Sign of Elongation (+/-)	+		
Pleochroism (color) Parallel/Perpendicular	N		
Birefringence (o,l,m,h)	L		
Type(s) of Non-Asbestos Fibers Present (and %)	7% Cellulose		
Non-Asbestos Fibers Optical Property	Incomplete Extinction		
Type(s) & Percent of (non-fibrous) Materials Present	33% Particulate		
Total % Asbestos (sample)	60% Chrysotile		

Comments:

Accredited for Bulk Asbestos Analysis by NVLAP Lab Code #200858-0 CT Lab #PH-0571

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Bulk Asbestos Analysis Report

EnviroMed Services, Inc.
470 Murdock Ave., Box 13, Meriden, CT 06450
Phone (203)238-4846 : Facsimile (203)238-4243

Sample ID #: IH-09-202-7 Lab,# 18761

Customer Name, Address: CTio Berger Town of Branford

Sample Location: (Including Room, Building): 421 Shore Drive Branford CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation: X	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing
		Transite:
		Wallboard:
		Other:

Collected by: CB

Date: 8-10-9

Analyzed by: J Cote

Date: 8/18/09

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)	y		
Gross Appearance (color, texture)	Beige fibrous		
Type of Asbestos Present	Chrysotile	Amosite	
Percent Asbestos	42%	3%	
Morphology	wavy	straight	
Refractive Index Parallel/Perpendicular	1.547/1.550	1.67+/1.696	
Dispersion Colors Parallel/Perpendicular	Yellow/magenta	Blue/magenta/yellow	
Extinction Characteristics (parallel, oblique, wavy)	I	I	
Sign of Elongation (+/-)	+	+	
Pleochroism (color) Parallel/Perpendicular	N	N	
Birefringence (o,l,m,h)	L	M	
Type(s) of Non-Asbestos Fibers Present (and %)	15% Cellulose		
Non-Asbestos Fibers Optical Property	Incomplete Extinction		
Type(s) & Percent of (non-fibrous) Materials Present	40% Particulate		
Total % Asbestos (sample)	42% Chrysotile / 3% Amosite		

Comments:

Accredited for Bulk Asbestos Analysis by **NVLAP Lab Code #200858-0** **CT Lab #PH-0571**

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Bulk Asbestos Analysis Report

EnviroMed Services, Inc.
470 Murdock Ave., Box 13, Meriden, CT 06450
Phone (203)238-4846 : Facsimile (203)238-4243

Sample ID #: IH-09-202-8 Lab # 18761

Customer Name, Address: CTio Berger Town of Branford

Sample Location: (Including Room, Building): 421 Shore Drive Branford CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation: X	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing
		Transite:
		Wallboard:
		Other:

Collected by: CB

Date: 8-10-9

Analyzed by: J Ashmore

Date: 8/18/09

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)	y		
Gross Appearance (color, texture)	Beige fibrous		
Type of Asbestos Present	Chrysotile	Amosite	
Percent Asbestos	45%	2%	
Morphology	curly	straight	
Refractive Index Parallel/Perpendicular	1.547/1.557	1.678/1.680	
Dispersion Colors Parallel/Perpendicular	1st order magenta	1st order magenta/1st order yellow	
Extinction Characteristics (parallel, oblique, wavy)	P	P	
Sign of Elongation (+/-)	+	+	
Pleochroism (color) Parallel/Perpendicular	N	N	
Birefringence (o,l,m,h)		M	
Type(s) of Non-Asbestos Fibers Present (and %)	10% Cellulose		
Non-Asbestos Fibers Optical Property	Incomplete Extinction		
Type(s) & Percent of (non-fibrous) Materials Present	45% Particulate		
Total % Asbestos (sample)	45% Chrysotile 2% Amosite		

Comments:

Accredited for Bulk Asbestos Analysis by **NVLAP Lab Code #200858-0** **CT Lab #PH-0571**

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Bulk Asbestos Analysis Report

EnviroMed Services, Inc.
470 Murdock Ave., Box 13, Meriden, CT 06450
Phone (203)238-4846 : Facsimile (203)238-4243

Sample ID #: IH-09-2029 Lab,# 18761

Customer Name, Address: CTio Berger Town of Branford

Sample Location: (Including Room, Building): 421 Shore Drive Branford CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation: X	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing
		Transite:
		Wallboard:
		Other:

Collected by: CB

Date: 8-10-9

Analyzed by: [signature]

Date: 8/18/09

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)	y		
Gross Appearance (color, texture)	Beige fibrous		
Type of Asbestos Present	Chrysotile	Amosite	
Percent Asbestos	50%	5%	
Morphology	wavy	straight	
Refractive Index Parallel/Perpendicular	1.547/1.550	1.678/1.699	
Dispersion Colors Parallel/Perpendicular	blue/orange	+1.678/1.699	
Extinction Characteristics (parallel, oblique, wavy)	P	P	
Sign of Elongation (+/-)	+	+	
Pleochroism (color) Parallel/Perpendicular	N	N	
Birefringence (o,l,m,h)	L	M	
Type(s) of Non-Asbestos Fibers Present (and %)	10% Cellulose		
Non-Asbestos Fibers Optical Property	Incomplete Extinction		
Type(s) & Percent of (non-fibrous) Materials Present	35% Particulate		
Total % Asbestos (sample)	50% Chrysotile 5% Amosite		

Comments:

Accredited for Bulk Asbestos Analysis by **NVLAP Lab Code #200858-0** **CT Lab #PH-0571**

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Bulk Asbestos Analysis Report

EnviroMed Services, Inc.
470 Murdock Ave., Box 13, Meriden, CT 06450
Phone (203)238-4846 : Facsimile (203)238-4243

Sample ID #: IH-09-202-10 Lab# 18761

Customer Name, Address: CTio Berger Town of Branford

Sample Location: (Including Room, Building): 421 Shore Drive Branford CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation: X	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing
		Transite:
		Wallboard:
		Other:

Collected by: CB

Date: 8-10-9

Analyzed by:

Date: 8/18/09

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)	Y		
Gross Appearance (color, texture)	gray fibrous		
Type of Asbestos Present	Chrysotile		
Percent Asbestos	60%		
Morphology	amy		
Refractive Index Parallel/Perpendicular	1.550/1.550		
Dispersion Colors Parallel/Perpendicular	blue/yellow		
Extinction Characteristics (parallel, oblique, wavy)	P		
Sign of Elongation (+/-)	+		
Pleochroism (color) Parallel/Perpendicular	N		
Birefringence (o,l,m,h)			
Type(s) of Non-Asbestos Fibers Present (and %)	10% Cellulose		
Non-Asbestos Fibers Optical Property	Incomplete Extinction		
Type(s) & Percent of (non-fibrous) Materials Present	30% Particulate		
Total % Asbestos (sample)		60% Chrysotile	

Comments:

Accredited for Bulk Asbestos Analysis by **NVLAP Lab Code #200858-0** **CT Lab #PH-0571**

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Bulk Asbestos Analysis Report

EnviroMed Services, Inc.
470 Murdock Ave., Box 13, Meriden, CT 06450
Phone (203)238-4846 : Facsimile (203)238-4243

Sample ID #: IH-09-202-1 Lab,# 18761

Customer Name, Address: CT10 Berger Town of Branford

Sample Location: (Including Room, Building): 421 Shore Drive Branford CT.

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation: X	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing
		Transite:
		Wallboard:
		Other:

Collected by: CB

Date: 8-10-9

Analyzed by:

Date: 8/18/09

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)	Y		
Gross Appearance (color, texture)	Gray Fibrous		
Type of Asbestos Present	Chrysotile		
Percent Asbestos	60%		
Morphology	wavy		
Refractive Index Parallel/Perpendicular	1.547/1.550		
Dispersion Colors Parallel/Perpendicular	Blue/Yellow		
Extinction Characteristics (parallel, oblique, wavy)	P		
Sign of Elongation (+/-)	+		
Pleochroism (color) Parallel/Perpendicular	N		
Birefringence (o,l,m,h)			
Type(s) of Non-Asbestos Fibers Present (and %)	40% Cellulose		
Non-Asbestos Fibers Optical Property	Incomplete Extinction		
Type(s) & Percent of (non-fibrous) Materials Present	322 Particulate		
Total % Asbestos (sample)	60% Chrysotile		

Comments:

Accredited for Bulk Asbestos Analysis by NVLAP Lab Code #200858-0 CT Lab #PH-0571

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Bulk Asbestos Analysis Report

EnviroMed Services, Inc.
470 Murdock Ave., Box 13, Meriden, CT 06450
Phone (203)238-4846 : Facsimile (203)238-4243

Sample ID #: IH-09-202-12 Lab #: 18761

Customer Name, Address: CTio Berger Town of Branford

Sample Location: (Including Room, Building): 421 Shore Drive Branford CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation: X	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing
		Transite:
		Wallboard:
		Other:

Collected by: GB

Date: 8-10-9

Analyzed by:

Date: 8/18/09

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)	y		
Gross Appearance (color, texture)	Gray fibrous		
Type of Asbestos Present	Chrysotile		
Percent Asbestos	60%		
Morphology	curvy		
Refractive Index Parallel/Perpendicular	1.547/1.556		
Dispersion Colors Parallel/Perpendicular	Blue/Yellow		
Extinction Characteristics (parallel, oblique, wavy)	P		
Sign of Elongation (+/-)	+		
Pleochroism (color) Parallel/Perpendicular	N		
Birefringence (o,l,m,h)	L		
Type(s) of Non-Asbestos Fibers Present (and %)	9% Cellulose		
Non-Asbestos Fibers Optical Property	Incomplete Extinction		
Type(s) & Percent of (non-fibrous) Materials Present	31% Particulate		
Total % Asbestos (sample)		60% Chrysotile	

Comments:

Accredited for Bulk Asbestos Analysis by **NVLAP Lab Code #200858-0** **CT Lab #PH-0571**

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Bulk Asbestos Analysis Report — EnviroMed Services, Inc.

470 Murdock Ave., Box 13, Meriden, CT 06450
Phone (203)238-4846 : Facsimile (203)238-4243

Sample ID #: IH-09-202-13 Lab,# 18761

Customer Name, Address: CTio Berger Town of Branford

Sample Location: (Including Room, Building): 421 Shore Drive Branford CT.

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation: X	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing
		Transite:
		Wallboard:
		Other:

Collected by: CB

Date: 8-10-9

Analyzed by: [signature]

Date: 8/19/09

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)	y		
Gross Appearance (color, texture)	Beige fibrous		
Type of Asbestos Present	Chrysotile		
Percent Asbestos	40% ~~60%~~ one way		
Morphology			
Refractive Index Parallel/Perpendicular	+.557/+.558		
Dispersion Colors Parallel/Perpendicular	blue/magenta		
Extinction Characteristics (parallel, oblique, wavy)	p		
Sign of Elongation (+/-)	+		
Pleochroism (color) Parallel/Perpendicular	n		
Birefringence (o,l,m,h)	c		
Type(s) of Non-Asbestos Fibers Present (and %)	30% Cellulose		
Non-Asbestos Fibers Optical Property	Incomplete Extinction		
Type(s) & Percent of (non-fibrous) Materials Present	30% Particulate		
Total % Asbestos (sample)	40% ~~60%~~ one Chrysotile		

Comments:

Accredited for Bulk Asbestos Analysis by **NVLAP Lab Code #200858-0** **CT Lab #PH-0571**

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Bulk Asbestos Analysis Report

EnviroMed Services, Inc.
470 Murdock Ave., Box 13, Meriden, CT 06450
Phone (203)238-4846 : Facsimile (203)238-4243

Sample ID #: IH-09-202-14 Lab # 18761

Customer Name, Address: CTio Berger Town of Branford

Sample Location: (Including Room, Building): 421 Shore Drive Branford CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation: X	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing
		Transite:
		Wallboard:
		Other:

Collected by: CB

Date: 8-10-9

Analyzed by: Jake

Date: 8/18/09

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)	Y		
Gross Appearance (color, texture)	Beige/fibrous		
Type of Asbestos Present	Chrysotile	Amosite	
Percent Asbestos	38%	22%	
Morphology	wavy	fibrous	
Refractive Index Parallel/Perpendicular	1.549/1.552	1.677/1.696	
Dispersion Colors Parallel/Perpendicular	blue/magenta	blue/magenta	magenta/yellow
Extinction Characteristics (parallel, oblique, wavy)	P	P	
Sign of Elongation (+/-)	+	+	
Pleochroism (color) Parallel/Perpendicular	W/C	W/M	
Birefringence (o,l,m,h)	C	M	
Type(s) of Non-Asbestos Fibers Present (and %)	Cellulose		
Non-Asbestos Fibers Optical Property	Incomplete Extinction		
Type(s) & Percent of (non-fibrous) Materials Present	Particulate		
Total % Asbestos (sample)	38% Chrysotile	22% Amosite	

Comments:

Accredited for Bulk Asbestos Analysis by **NVLAP Lab Code #200858-0** **CT Lab #PH-0571**

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Bulk Asbestos Analysis Report — EnviroMed Services, Inc.

470 Murdock Ave., Box 13, Meriden, CT 06450
Phone (203)238-4846 : Facsimile (203)238-4243

Sample ID #: IH-09-202-15 Lab #: 18761

Customer Name, Address: CTio Berger Town of Branford

Sample Location: (Including Room, Building): 421 Shore Drive Branford CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation: X	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing
		Transite:
		Wallboard:
		Other:

Collected by: CB

Date: 8-10-9

Analyzed by: J Lolue

Date: 8/18/09

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)	Y		
Gross Appearance (color, texture)	beige fibrous		
Type of Asbestos Present	Chrysotile		
Percent Asbestos	3%		
Morphology	wavy		
Refractive Index Parallel/Perpendicular	1.547/1.552		
Dispersion Colors Parallel/Perpendicular	+ Blue/Lemon		
Extinction Characteristics (parallel, oblique, wavy)	P		
Sign of Elongation (+/-)	+		
Pleochroism (color) Parallel/Perpendicular	N		
Birefringence (o,l,m,h)	L		
Type(s) of Non-Asbestos Fibers Present (and %)	12% Cellulose		
Non-Asbestos Fibers Optical Property	Incomplete Extinction		
Type(s) & Percent of (non-fibrous) Materials Present	55% Particulate		
Total % Asbestos (sample)	3% Chrysotile		

Comments:

Accredited for Bulk Asbestos Analysis by **NVLAP Lab Code #200858-0** **CT Lab #PH-0571**

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Bulk Asbestos Analysis Report

EnviroMed Services, Inc.
470 Murdock Ave., Box 13, Meriden, CT 06450
Phone (203)238-4846 : Facsimile (203)238-4243

Sample ID #: IH-09-202-16 Lab,# 18761

Customer Name, Address: CTio Berger Town of Branford

Sample Location: (Including Room, Building): 421 Shore Drive Branford CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation: X	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing
		Transite:
		Wallboard:
		Other:

Collected by: CB

Date: 8-10-9

Analyzed by:

Date: 8/18/09

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)	y		
Gross Appearance (color, texture)	Beige fibrous		
Type of Asbestos Present	Chrysotile		
Percent Asbestos	60%		
Morphology	wavy		
Refractive Index Parallel/Perpendicular	1.547/1.556		
Dispersion Colors Parallel/Perpendicular	1st order/		
Extinction Characteristics (parallel, oblique, wavy)	∥		
Sign of Elongation (+/-)	+		
Pleochroism (color) Parallel/Perpendicular	n		
Birefringence (o,l,m,h)	l		
Type(s) of Non-Asbestos Fibers Present (and %)	8% Cellulose		
Non-Asbestos Fibers Optical Property	Incomplete Extinction		
Type(s) & Percent of (non-fibrous) Materials Present	32% Particulate		
Total % Asbestos (sample)	60% Chrysotile		

Comments:

Accredited for Bulk Asbestos Analysis by NVLAP Lab Code #200858-0 CT Lab #PH-0571

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Bulk Asbestos Analysis Report

EnviroMed Services, Inc.
470 Murdock Ave., Box 13, Meriden, CT 06450
Phone (203)238-4846 : Facsimile (203)238-4243

Sample ID #: IH-09-202-17 Lab,# 18761

Customer Name, Address: CTio Berger Town of Branford

Sample Location: (Including Room, Building): 421 Shore Drive Branford CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation: X	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing
		Transite:
		Wallboard:
		Other:

Collected by: GB

Date: 8-10-9

Analyzed by:

Date: 8/18/09

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)	Y		
Gross Appearance (color, texture)	Beige fibrous		
Type of Asbestos Present	Chrysotile		
Percent Asbestos	4%		
Morphology	wavy		
Refractive Index Parallel/Perpendicular	+ mid/mid		
Dispersion Colors Parallel/Perpendicular	+ 1st/1st		
Extinction Characteristics (parallel, oblique, wavy)	P		
Sign of Elongation (+/-)	+		
Pleochroism (color) Parallel/Perpendicular	N		
Birefringence (o,l,m,h)	L		
Type(s) of Non-Asbestos Fibers Present (and %)	10% Cellulose		
Non-Asbestos Fibers Optical Property	Incomplete Extinction		
Type(s) & Percent of (non-fibrous) Materials Present	45% Particulate		
Total % Asbestos (sample)	4% Chrysotile		

Comments:

Accredited for Bulk Asbestos Analysis by NVLAP Lab Code #200858-0 CT Lab #PH-0571

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Bulk Asbestos Analysis Report

EnviroMed Services, Inc.
470 Murdock Ave., Box 13, Meriden, CT 06450
Phone (203)238-4846 : Facsimile (203)238-4243

Sample ID #: IH-09-202-18 Lab #: 18761

Customer Name, Address: CTio Berger Town of Branford

Sample Location: (Including Room, Building): 421 Shore Drive Branford CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation: X	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing
		Transite:
		Wallboard:
		Other:

Collected by: CB

Date: 8-10-9

Analyzed by:

Date: 8/15/09

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)	y		
Gross Appearance (color, texture)	Bright Colors		
Type of Asbestos Present	Chrysotile		
Percent Asbestos	5%		
Morphology	wavy		
Refractive Index Parallel/Perpendicular	1.57/1.550		
Dispersion Colors Parallel/Perpendicular	1st Order White		
Extinction Characteristics (parallel, oblique, wavy)	p		
Sign of Elongation (+/-)	+		
Pleochroism (color) Parallel/Perpendicular	N		
Birefringence (o,l,m,h)			
Type(s) of Non-Asbestos Fibers Present (and %)	8% Cellulose		
Non-Asbestos Fibers Optical Property	Incomplete Extinction		
Type(s) & Percent of (non-fibrous) Materials Present	5% Particulate		
Total % Asbestos (sample)	5% Chrysotile		

Comments:

Accredited for Bulk Asbestos Analysis by **NVLAP Lab Code #200858-0** **CT Lab #PH-0571**

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Bulk Asbestos Analysis Report

EnviroMed Services, Inc.
470 Murdock Ave., Box 13, Meriden, CT 06450
Phone (203)238-4846 : Facsimile (203)238-4243

Sample ID #: IH-09-202-19 Lab # 18761

Customer Name, Address: CTio Berger Town of Branford

Sample Location: (Including Room, Building): 421 Shore Drive Branford CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation: X Black cement	Spray-on Fireproofing:	Susp.Ceiling
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing
X Black		Transite:
		Wallboard:
		Other:

Collected by: CB

Date: 8-10-9

Analyzed by:

Date: 8/14/09

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)	Y		
Gross Appearance (color, texture)	Black Cementitious		
Type of Asbestos Present			
Percent Asbestos	0		
Morphology			
Refractive Index Parallel/Perpendicular			
Dispersion Colors Parallel/Perpendicular			
Extinction Characteristics (parallel, oblique, wavy)			
Sign of Elongation (+/-)			
Pleochroism (color) Parallel/Perpendicular			
Birefringence (o,l,m,h)			
Type(s) of Non-Asbestos Fibers Present (and %)	52 Cellulose 32		
Non-Asbestos Fibers Optical Property	Incomplete Extinction		
Type(s) & Percent of (non-fibrous) Materials Present	922 Particulate		
Total % Asbestos (sample)	0		

Comments:

Accredited for Bulk Asbestos Analysis by NVLAP Lab Code #200858-0 CT Lab #PH-0571

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Bulk Asbestos Analysis Report — EnviroMed Services, Inc.

470 Murdock Ave., Box 13, Meriden, CT 06450
Phone (203)238-4846 : Facsimile (203)238-4243

Sample ID #: IH-09-202-20 Lab# 18761

Customer Name, Address: CTio Berger Town of Branford

Sample Location: (Including Room, Building): 421 Shore Drive Branford CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation X Block Cement	Spray-on Fireproofing:	Susp.Ceiling
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing
		Transite:
		Wallboard:
		Other:

Collected by: CB

Date: 8-10-9

Analyzed by:

Date: 8/18/09

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)	y		
Gross Appearance (color, texture)	Block Constituents		
Type of Asbestos Present			
Percent Asbestos	0%		
Morphology			
Refractive Index Parallel/Perpendicular			
Dispersion Colors Parallel/Perpendicular			
Extinction Characteristics (parallel, oblique, wavy)			
Sign of Elongation (+/-)			
Pleochroism (color) Parallel/Perpendicular			
Birefringence (o,l,m,h)			
Type(s) of Non-Asbestos Fibers Present (and %)	60 Cellulose 35 Cellulose fibrous fibers		
Non-Asbestos Fibers Optical Property	Incomplete Extinction inclination		
Type(s) & Percent of (non-fibrous) Materials Present	9/2 Particulate		
Total % Asbestos (sample)	0		

Comments:

Accredited for Bulk Asbestos Analysis by **NVLAP Lab Code #200858-0** **CT Lab #PH-0571**

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Bulk Asbestos Analysis Report

EnviroMed Services, Inc.
470 Murdock Ave., Box 13, Meriden, CT 06450
Phone (203)238-4846 : Facsimile (203)238-4243

Sample ID #: IH-09-202-21 Lab.# 18761

Customer Name, Address: CTio Berger Town of Branford

Sample Location: (Including Room, Building): 421 Shore Drive Branford CT.

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation: X Black Cement	Spray-on Fireproofing:	Susp.Ceiling
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing
		Transite:
		Wallboard:
		Other:

Collected by: CB

Date: 8-10-9

Analyzed by:

Date: 8/14/09

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)	Y		
Gross Appearance (color, texture)	Black Cementitious		
Type of Asbestos Present			
Percent Asbestos	ND		
Morphology			
Refractive Index Parallel/Perpendicular			
Dispersion Colors Parallel/Perpendicular			
Extinction Characteristics (parallel, oblique, wavy)			
Sign of Elongation (+/-)			
Pleochroism (color) Parallel/Perpendicular			
Birefringence (o,l,m,h)			
Type(s) of Non-Asbestos Fibers Present (and %)	40 Cellulose 22 Fibrous glass		
Non-Asbestos Fibers Optical Property	Incomplete Extinction Non-polarizing		
Type(s) & Percent of (non-fibrous) Materials Present	942 Particulate		
Total % Asbestos (sample)	ND		

Comments:

Accredited for Bulk Asbestos Analysis by NVLAP Lab Code #200858-0 CT Lab #PH-0571

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Bulk Asbestos Analysis Report

EnviroMed Services, Inc.
470 Murdock Ave., Box 13, Meriden, CT 06450
Phone (203)238-4846 : Facsimile (203)238-4243

Sample ID #: IH-09-202-22 Lab# 18761

Customer Name, Address: CTio Berger Town of Branford

Sample Location: (Including Room, Building): 421 Shore Drive Branford CT.

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing
X Rope gasket		Transite:
		Wallboard:
		Other:

Collected by: GB

Date: 8-10-9

Analyzed by: J Calve

Date: 8/18/09

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)	Y		
Gross Appearance (color, texture)	Beige fibrous		
Type of Asbestos Present			
Percent Asbestos	ND		
Morphology			
Refractive Index Parallel/Perpendicular			
Dispersion Colors Parallel/Perpendicular			
Extinction Characteristics (parallel, oblique, wavy)			
Sign of Elongation (+/-)			
Pleochroism (color) Parallel/Perpendicular			
Birefringence (o,l,m,h)			
Type(s) of Non-Asbestos Fibers Present (and %)	10% Cellulose 70% fibrous glass		
Non-Asbestos Fibers Optical Property	Incomplete Extinction isotropic		
Type(s) & Percent of (non-fibrous) Materials Present	20% Particulate		
Total % Asbestos (sample)	ND.		

Comments:

Accredited for Bulk Asbestos Analysis by **NVLAP Lab Code #200858-0** **CT Lab #PH-0571**

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Bulk Asbestos Analysis Report

EnviroMed Services, Inc.
470 Murdock Ave., Box 13, Meriden, CT 06450
Phone (203)238-4846 : Facsimile (203)238-4243

Sample ID #: IH-08-202-23 Lab # 18761

Customer Name, Address: CTio Berger Town of Branford

Sample Location: (Including Room, Building): 421 Shore Drive Branford CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing
x Rope gasket		Transite:
		Wallboard:
		Other:

Collected by: CB

Date: 8-10-9

Analyzed by: J-Cahn

Date: 8/18/09

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)	y		
Gross Appearance (color, texture)	beige / brown fibrous		
Type of Asbestos Present	CA		
Percent Asbestos			
Morphology			
Refractive Index Parallel/Perpendicular			
Dispersion Colors Parallel/Perpendicular			
Extinction Characteristics (parallel, oblique, wavy)			
Sign of Elongation (+/-)			
Pleochroism (color) Parallel/Perpendicular			
Birefringence (o,l,m,h)			
Type(s) of Non-Asbestos Fibers Present (and %)	5% Cellulose 80% fibrous glass		
Non-Asbestos Fibers Optical Property	Incomplete Extinction Isotropic		
Type(s) & Percent of (non-fibrous) Materials Present	15% Particulate		
Total % Asbestos (sample)	NA		

Comments:

Accredited for Bulk Asbestos Analysis by **NVLAP Lab Code #200858-0** **CT Lab #PH-0571**

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Bulk Asbestos Analysis Report

EnviroMed Services, Inc.
470 Murdock Ave., Box 13, Meriden, CT 06450
Phone (203)238-4846 : Facsimile (203)238-4243

Sample ID #: IH-09-202-24 Lab# 18761

Customer Name, Address: CTio Berger Town of Branford

Sample Location: (Including Room, Building): 421 Shore Drive Branford CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing
X Rope Gasket		Transite:
		Wallboard:
		Other:

Collected by: CB

Date: 8-10-9

Analyzed by: J. Johnson

Date: 8/18/09

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)	Y		
Gross Appearance (color, texture)	beige/brown	fibrous	
Type of Asbestos Present			
Percent Asbestos	ND		
Morphology			
Refractive Index Parallel/Perpendicular			
Dispersion Colors Parallel/Perpendicular			
Extinction Characteristics (parallel, oblique, wavy)			
Sign of Elongation (+/-)			
Pleochroism (color) Parallel/Perpendicular			
Birefringence (o,l,m,h)	low		
Type(s) of Non-Asbestos Fibers Present (and %)	75% Cellulose	fibrous	
Non-Asbestos Fibers Optical Property	Incomplete Extinction		
Type(s) & Percent of (non-fibrous) Materials Present	15% Particulate		
Total % Asbestos (sample)		ND	

Comments:

Accredited for Bulk Asbestos Analysis by **NVLAP Lab Code #200858-0** **CT Lab #PH-0571**

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Bulk Asbestos Analysis Report

EnviroMed Services, Inc.
470 Murdock Ave., Box 13, Meriden, CT 06450
Phone (203)238-4846 : Facsimile (203)238-4243

Sample ID #: IH-09-202-25 Lab #: 18761

Customer Name, Address: CTio Berger Town of Branford

Sample Location: (Including Room, Building): 421 Shore Drive Branford CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing
x Red Compound		Transite:
		Wallboard:
		Other:

Collected by: GB

Date: 8-10-9

Analyzed by: J Calma

Date: 8/18/09

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)	y		
Gross Appearance (color, texture)	Red rubbery		
Type of Asbestos Present			
Percent Asbestos	ND		
Morphology			
Refractive Index Parallel/Perpendicular			
Dispersion Colors Parallel/Perpendicular			
Extinction Characteristics (parallel, oblique, wavy)			
Sign of Elongation (+/-)			
Pleochroism (color) Parallel/Perpendicular			
Birefringence (o,l,m,h)			
Type(s) of Non-Asbestos Fibers Present (and %)	10% Cellulose 8% fibrous glass		
Non-Asbestos Fibers Optical Property	Incomplete Extinction undispersed		
Type(s) & Percent of (non-fibrous) Materials Present	82% Particulate		
Total % Asbestos (sample)	ND		

Comments:

Accredited for Bulk Asbestos Analysis by **NVLAP Lab Code #200858-0** **CT Lab #PH-0571**

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Bulk Asbestos Analysis Report

EnviroMed Services, Inc.
470 Murdock Ave., Box 13, Meriden, CT 06450
Phone (203)238-4846 : Facsimile (203)238-4243

Sample ID #: IH-09-202-2C Lab,# 18761

Customer Name, Address: CTio Berger Town of Branford

Sample Location: (Including Room, Building): 421 Shore Drive Branford CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing
x Red Compound		Transite:
		Wallboard:
		Other:

Collected by: CB

Date: 8-10-9

Analyzed by: J Lee

Date: 8/18/09

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)	Y		
Gross Appearance (color, texture)	Red Rubbery		
Type of Asbestos Present	Ch.		
Percent Asbestos			
Morphology			
Refractive Index Parallel/Perpendicular			
Dispersion Colors Parallel/Perpendicular			
Extinction Characteristics (parallel, oblique, wavy)			
Sign of Elongation (+/-)			
Pleochroism (color) Parallel/Perpendicular			
Birefringence (o,l,m,h)			
Type(s) of Non-Asbestos Fibers Present (and %)	10% Cellulose	Glass	
Non-Asbestos Fibers Optical Property	Incomplete Extinction Isotropic		
Type(s) & Percent of (non-fibrous) Materials Present	822 Particulate		
Total % Asbestos (sample)		5%	

Comments:

Accredited for Bulk Asbestos Analysis by NVLAP Lab Code #200858-0 CT Lab #PH-0571

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Bulk Asbestos Analysis Report

EnviroMed Services, Inc.
470 Murdock Ave., Box 13, Meriden, CT 06450
Phone (203)238-4846 : Facsimile (203)238-4243

Sample ID #: IH-09-202-27 Lab #: 18761

Customer Name, Address: CTio Berger Town of Branford

Sample Location: (Including Room, Building): 421 Shore Drive Branford CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling
Breeching Insulation:	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing
X Red compound		Transite:
		Wallboard:
		Other:

Collected by: CB

Date: 8-10-9

Analyzed by: J Cabral

Date: 8/18/09

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)	Y		
Gross Appearance (color, texture)	Red Rubbery		
Type of Asbestos Present			
Percent Asbestos	ND		
Morphology			
Refractive Index Parallel/Perpendicular			
Dispersion Colors Parallel/Perpendicular			
Extinction Characteristics (parallel, oblique, wavy)			
Sign of Elongation (+/-)			
Pleochroism (color) Parallel/Perpendicular			
Birefringence (o,l,m,h)			
Type(s) of Non-Asbestos Fibers Present (and %)	10% Cellulose 13%		
Non-Asbestos Fibers Optical Property	Incomplete Extinction		
Type(s) & Percent of (non-fibrous) Materials Present	77% Particulate		
Total % Asbestos (sample)	ND		

Comments:

Accredited for Bulk Asbestos Analysis by **NVLAP Lab Code #200858-0** **CT Lab #PH-0571**

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Bulk Asbestos Analysis Report

EnviroMed Services, Inc.
470 Murdock Ave., Box 13, Meriden, CT 06450
Phone (203)238-4846 : Facsimile (203)238-4243

Sample ID #: IH-09-202-2E Lab # 18761

Customer Name, Address: CTio Berger Town of Branford

Sample Location: (Including Room, Building): 421 Shore Drive Branford CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling
Breeching Insulation: X	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing
		Transite:
		Wallboard:
		Other:

Collected by: CB

Date: 8-10-9

Analyzed by: J Lute

Date: 8/18/09

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)	y		
Gross Appearance (color, texture)	brown cementitous		
Type of Asbestos Present			
Percent Asbestos	ND		
Morphology			
Refractive Index Parallel/Perpendicular			
Dispersion Colors Parallel/Perpendicular			
Extinction Characteristics (parallel, oblique, wavy)			
Sign of Elongation (+/-)			
Pleochroism (color) Parallel/Perpendicular			
Birefringence (o,l,m,h)			
Type(s) of Non-Asbestos Fibers Present (and %)	3% Cellulose		
Non-Asbestos Fibers Optical Property	Incomplete Extinction		
Type(s) & Percent of (non-fibrous) Materials Present	97% Particulate		
Total % Asbestos (sample)	ND		

Comments:

Accredited for Bulk Asbestos Analysis by **NVLAP Lab Code #200858-0** **CT Lab #PH-0571**

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Bulk Asbestos Analysis Report

EnviroMed Services, Inc.
470 Murdock Ave., Box 13, Meriden, CT 06450
Phone (203)238-4846 : Facsimile (203)238-4243

Sample ID #: IH-09-202-29 Lab,# 18761

Customer Name, Address: CTio Berger Town of Branford

Sample Location: (Including Room, Building): 421 Shore Drive Branford CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling
Breeching Insulation: X	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing
		Transite:
		Wallboard:
		Other:

Collected by: CB

Date: 8-10-9

Analyzed by: J Ashe

Date: 8/18/09

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)	Y		
Gross Appearance (color, texture)	Brown Amentitious		
Type of Asbestos Present			
Percent Asbestos	ND		
Morphology			
Refractive Index Parallel/Perpendicular			
Dispersion Colors Parallel/Perpendicular			
Extinction Characteristics (parallel, oblique, wavy)			
Sign of Elongation (+/-)			
Pleochroism (color) Parallel/Perpendicular			
Birefringence (o,l,m,h)			
Type(s) of Non-Asbestos Fibers Present (and %)	2% Cellulose		
Non-Asbestos Fibers Optical Property	Incomplete Extinction		
Type(s) & Percent of (non-fibrous) Materials Present	98% Particulate		
Total % Asbestos (sample)	ND		

Comments:

Accredited for Bulk Asbestos Analysis by **NVLAP Lab Code #200858-0** **CT Lab #PH-0571**

The results of this analysis were obtained by a qualified individual using approved methodology, and relate only to the items tested. This report cannot be used by the customer to claim product endorsement by the National Voluntary Laboratory Accreditation Program (NVLAP) or any other agency of the U.S. Government. Rev. 4-21-09-LJC

Bulk Asbestos Analysis Report

EnviroMed Services, Inc.
470 Murdock Ave., Box 13, Meriden, CT 06450
Phone (203)238-4846 : Facsimile (203)238-4243

Sample ID #: IH-09-202-30 Lab # 18761

Customer Name, Address: CTio Berger Town of Branford

Sample Location: (Including Room, Building): 421 Shore Drive Branford CT

Sample Type: (Indicated by an "X" in the applicable column below)		
THERMAL SYSTEMS INSULATION:	SURFACING MATERIAL:	MISCELLANEOUS MATERIAL:
Boiler Insulation:	Spray-on Fireproofing:	Susp.Ceiling
Breeching Insulation: X	Acoustical Plaster:	Fixed Ceiling Tile:
Pipe Insulation:	Ceiling Plaster:	Glue Dots:
Pipe Joint Insulation:	Wall Plaster:	Vinyl Floor Tile:
Duct Insulation:	Wallboard Compound:	Flooring Mastic:
Tank Insulation:		Linoleum:
Flexible Duct Connector:		Roofing Material:
Valve Body Insulation:		Roof Flashing
		Transite:
		Wallboard:
		Other:

Collected by: CB

Date: 8-10-9

Analyzed by: J Calve

Date: 8/18/09

Analytical Method: Polarized Light Microscopy with Dispersion Staining			
	A	B	C
Homogeneous (y,n)	Y		
Gross Appearance (color, texture)	Brown Construction		
Type of Asbestos Present			
Percent Asbestos	0%		
Morphology			
Refractive Index Parallel/Perpendicular			
Dispersion Colors Parallel/Perpendicular			
Extinction Characteristics (parallel, oblique, wavy)			
Sign of Elongation (+/-)			
Pleochroism (color) Parallel/Perpendicular			
Birefringence (o,l,m,h)			
Type(s) of Non-Asbestos Fibers Present (and %)	7% Cellulose		
Non-Asbestos Fibers Optical Property	Incomplete Extinction		
Type(s) & Percent of (non-fibrous) Materials Present	98% Particulate		
Total % Asbestos (sample)		0%	

Comments:

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