

290 Roberts Street, Suite 301 East Hartford, CT 06108 Telephone 860-282-9924 Fax 860-282-9826 www.atcgroupservices.com

September 20, 2017

Mr. Mike Sanders State of Connecticut Department of Administrative Services Division of Construction Services 450 Columbus Boulevard Hartford, CT 06103

Re: Asbestos Abatement Monitoring Report

Rainbow House

Mystic Education Center Mystic, Connecticut 06355

Project RM-17-07 Building 16951

ATC Project 2257317019

Dear Mr. Sanders:

Please find enclosed the Compliance Report for Rainbow House, Mystic Education Center, Mystic, Connecticut.

Should you have any questions concerning this report, do not hesitate to contact me at 860 282-9924 ext. 1123.

Sincerely,

ATC Group Services LLC

Edward P. Fennell Jr., P.E.

Division Manager

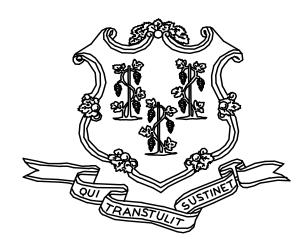
For ATC Group Services LLC

Direct Line +1 860 282 9924 x1123

Email: edward.fennell@atcassociates.com
Encl: Asbestos Abatement Monitoring Report

COMPLIANCE REPORT

ASBESTOS ABATEMENT RAINBOW HOUSE MYSTIC EDUCATION CENTER GROTON, CONNECTICUT BUILDING 16951 PROJECT RM-17-07



STATE OF CONNECTICUT DEPARTMENT OF ADMINISTRATIVE SERVICES DIVISION OF CONSTRUCTION SERVICES

Prepared by:

ATC GROUP SERVICES LLC 290 ROBERTS STREET - SUITE 301 EAST HARTFORD, CT 06108

ATC PROJECT 2257317019

SEPTEMBER 20, 2017

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CERTIFICATION OF RESULTS

This report has been prepared for the exclusive use by the State of Connecticut, Department of Administrative Services, Division of Construction Services (CTDCS) and is considered privileged and confidential. Photocopying of this document by parties other than those authorized by the CTDCS, or use of this document for purposes other than it is intended, is prohibited.

Respectfully submitted this 20th day of September 2017.

ATC Group Services LLC

Edward P. Fennell Jr., P.E. Building Sciences

Division Manager

EXECUTIVE SUMMARY

ATC Group Services LLC (ATC) provided Asbestos Project Monitoring and Inspection Services for CTDCS during asbestos abatement of the Rainbow House, Mystic Education Center, Groton, Connecticut. Asbestos abatement work was performed from March 23, 2016 through April 5, 2017.

A.A.I.S. Corporation, an asbestos abatement contractor ("Contractor") licensed in the State of Connecticut conducted the asbestos abatement. This scope of work included the removal and disposal of flooring and flue patch cement inside the building.

ATC was retained by CTDCS to conduct air testing and inspection services during execution of the asbestos abatement related work. These services included review of Contractor's worker certifications and medical records, interpreting and enforcing the established scope of work, observing Contractor work practices, performing visual inspections of abatement work areas, performing project air monitoring as per project specifications and assembling project documentation.

Subsequent to removal activities ATC visually inspected the work area. The work was considered complete when there was no visible residue remaining in the work area and air clearance testing for re-occupancy had been conducted. Also note that the windows to the building were not removed due to security issues with the building

Based on our observations of the work performed throughout this project and the air monitoring results, the removal was performed in accordance with applicable federal, state and local regulations. At project completion, air-monitoring results indicated that concentrations of airborne fibers were less than the concentration recommended by the Environmental Protection Agency (EPA) and the State of Connecticut, Department of Public Health (CTDPH) for re-occupancy of an abated space.

Per our contract, this report was distributed to the following individual(s):

Mr. Mike Sanders, CTDCS

CLIENT: State of Connecticut

Department of Administrative Services Division of Construction Services

450 Columbus Boulevard Hartford, CT 06103

PROJECT NAME &

LOCATION: Mystic Education Center

240 Oral School Road Mystic, Connecticut

Rainbow House

DATE(S) OF WORK: March 23, 2017 through April 5, 2017

ABATEMENT A.A.I.S. Corporation CONTRACTOR: 802 Boston Post Road

West Haven, CT 06106

(203) 932-2992

CONSULTANT: ATC Group Services LLC

290 Roberts Street, Suite 301 East Hartford, Connecticut 06108 (860) 282-9924, Fax (860) 282-9926

ATC REPRESENTATIVE(S): Edward Fennell, Project Manager/Project Designer

John Coletti, Project Monitor

1.0 INTRODUCTION

ATC Group Services LLC (ATC) provided Asbestos Testing and Inspection Services for CTDCS during the removal of at Rainbow House, Mystic Education Center, Groton, Connecticut. Asbestos abatement work was performed March 23, 2016, through April 5, 2017.

2.0 SCOPE OF WORK

2.1 Contractor: A.A.I.S. Corporation

A.A.I.S.'s scope of work included the removal of flooring and flue patch cement, inside the building. The exterior caulking and glazing will be removed at a later time.

2.2 Consultant: ATC Group Services LLC

ATC was retained by the CTDCS to provide monitoring and oversight of the abatement work. During the abatement project ATC:

- Reviewed Contractor worker certification documents
- Interpreted the project scope of work as needed by the Contractor
- Observed the Contractor's work practices and performance
- Performed visual inspections of the abatement area after asbestos abatement
- Assembled and submitted project documentation
- Performed post-abatement re-occupancy air clearance testing.

3.0 PROJECT DESCRIPTION

This project included removal and disposal of flooring and flue patch cement inside the building. The ATC project monitor maintained daily documentation of the work as it progressed. Consultant Qualifications can be found under Appendix C. Daily construction reports and inspection forms have been arranged chronologically and are located in Appendix A. Post abatement re-occupancy (clearance) air testing results are located in Appendix B.

3.1 Worker and Contractor Certification Documents:

ATC Group Services LLC reviewed the contractor's documentation relative to the following certifications, licensing, training and administrative record-keeping requirements.

- 1. Medical records current to within one year
- 2. Respirator fit tests current to within one year
- 3. Training current to within one year
- 4. Notifications to Federal and State agencies
- 5. Contractor License
- 6. Landfill/Waste Documentation
- 7. Other project correspondence

Abatement worker certifications can be found in Appendix D.

3.2 Engineering Controls

ATC observed proper use of engineering controls and use of High Efficiency Particulate Air (HEPA)-filtered mechanical equipment. Wet methods were utilized during removal work. Cleanup of surrounding area was performed by HEPA vacuuming and wet wiping surfaces.

3.3 Work Procedures:

Asbestos-containing materials were wetted and removed manually as well as mechanically. Asbestos removal, including gross removal, was performed in accordance with United States Department of Labor Occupational Safety and Health Agency (OSHA) regulation 29 CFR 1926.1101. Asbestos abatement was also performed in accordance with CTDPH regulations Sections 19a-332a-1 through 19a-332a-16.

3.4 Worker Protection:

Personnel who entered the regulated work area were observed to be wearing disposable protective clothing with integral hoods and foot coverings, and half-face negative pressure respirators or full face positive pressure air purifying respirators equipped with HEPA filter cartridges.

3.5 Decontamination:

A.A.I.S utilized wet wiping techniques on equipment and materials. Inspections conducted by the ATC project monitor revealed acceptable decontamination procedures being followed by A.A.I.S.'s personnel.

- HEPA vacuumed their protective clothing
- Doffed a dirty outer suit
- Exited the work area through the contiguous decontamination area
- Decontaminated as outlined above
- Removing and disposing of protective clothing
- Removing respirator
- Rinsing and washing respirator

3.6 Disposal:

The removed ACM was double wrapped in 6-mil polyethylene bags for transportation and disposal at the approved disposal facility. Waste manifest documentation is included in Appendix I.

4.0 **AIR MONITORING**

In accordance with USEPA and CTDPH Regulations for asbestos abatement, Phase Contrast Microscopy (PCM) analysis is used to analyze post-abatement re-occupancy clearance air samples for containment work areas in which the quantity of materials abated is less than 1,500 square feet or 500 linear feet.

The following table summarizes post-abatement re-occupancy clearance results:

Work Area	Pre- Abatement Inspection Date	Final Visual Inspection Date	Final PCM Air Clearance Date	Final TEM Air Clearance Date
Sun Room	N/A	4/3/2017	4/3/2017	N/A
Kitchen	N/A	4/5/2017	4/5/2017	N/A
Basement	N/A	4/5/2017	N/A	N/A

4.1 PCM Sample Collection

Phase Contrast Microscopy (PCM) samples were collected on 25-millimeter (mm) mixed-cellulose ester membrane filters (0.8-micron pore size). The filters were pre-assembled by the manufacturer in conductive, three-stage cassettes with extension cowls.

The PCM sampling and analytical method was used for re-occupancy clearance testing where applicable.

Flow rates were recorded at the beginning and at the end of the sampling period using a rotometer calibrated against a Gilian Instrument Corporation primary flow calibrator (Gilibrator). All air samples were collected open-faced and positioned at breathing zone height (approximately five feet above the floor) with the exposed portion of the cassette facing downward.

4.2 PCM Analysis Methodology

PCM samples were analyzed according to the National Institute for Occupational Safety and Health (NIOSH) 7400 Method ("A" counting rules) for area samples. The method can be found in the NIOSH Manual of Analytical Methods. The 10 fibers per 100 fields lower limit of quantification is retained from the original P&CAM 239 method published by NIOSH. The overall precision is 11.5% to 13% in the 80 to 100 fiber range using the "A" Counting Rules. All air sample reports are calculated with blank corrections and checked and reviewed twice. Unused portions of samples are archived after three months unless client requests special handling.

4.3 PCM Laboratory Equipment

Laboratory analysis was accomplished utilizing a phase contrast microscope equipped with a phase contrast condenser. Size and fiber counts were done at 400X magnification. Microscopes are calibrated with an HSE/NPL test slide after being set up and whenever movement of the microscope may disrupt calibration. The microscopy field area (MFA), defined by the Walton-Beckett graticule is 0.00785 mm².

4.4 PCM Sample Results

PCM Re-Occupancy Clearance Results - All five PCM re-occupancy clearance samples for both containment areas were found to be less than the CTDPH clearance criteria of 0.010 fibers/cc in each work area tested.

5.0 <u>CONCLUSIONS</u>

Based on our field observations and air monitoring results collected during the work, the required scope for the asbestos removal was completed in accordance with applicable federal, state, and local regulations. At the end of abatement activities in the work area, air-monitoring data indicated that concentrations of airborne fibers were less than the concentration recommended by the Environmental Protection Agency, the State of Connecticut and the contract specification for re-occupancy following asbestos abatement.

APPENDIX A

Project Monitor Daily Site Reports, Daily Site Logs, and Inspection Forms



DAILY SITE REPORT

l j	Name: RAINBON 40 WK	Date: 4/3/17 MONDAY
1	#: 2-1-73/2018	Project Monitor: JOHN COLF 7 D
	CT DES	Project Manager: FOFFPPECS
ort	Contractor Name A. A. S. Contractor Certifications DOK Deficiencies Noted Notification DY N If Yes: Start Date 3/23//	License # OOOO Project Supvs Workers & Resolved Deficiencies Noted & Not Resolved N/A End Date Y/2 7 New Revised Name Manue Facility Location Ayacabu
p iii	Boiler Firebrick ☐ Plaster ☐ Transite Boiler Rope Gasketing ☐ Gypsum Board ☐ Roofing Breeching Insulation ☐ Toint Compound ☐ Waterpr	window Glazing
Shiff Activity	Work Area Preparation Encapsulation Eq/Mat ACM Removal Teardown/Cleanup Local R	
Work	300 SF Integrity: 1 Good D Fair	& Poly 日 Poly Drapes 日 Glove Bag 日 Other 日 Poor Wetting Agent しゅんだし Sufficient: ロギロ N
PPE	Body Protection: D Hooded Suit D Boots D	ace Neg. Pressure PAPR. Supplied Air Dust Mask SCBA Hardhat Eyes/Face Hearing Gloves Fall Protection
Safety & Health	If N or U, expand and document notification and actions taken, if EMERGENCY (N /A \(\) \(\	LDING (N/A Z) LADDERS (N/A Z) CLEANLINESS (N/A □) A U A U A U A CHANCINESS (N/A □) A U A CHANCINESS (N/A □) A U Bag Accumulation CLEANLINESS (N/A □) Bag Accumulation CLEANLINESS (N/A □)
OSHA Monitoring	Full Shift (≥ 8 Hour) Sampling ☐ ☐ ☐ Partial Shift (≤ 8 Hour) Sampling ☐ ☐ ☐ Exc. Limit (30 min.) Sampling ☐ ☐ ☐ Equipment Calibrated ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐ ☐	Worker SS# & Task IDs
Project Monitoring		Cert. # 00039C Time On-Site/Off-Site 8 / 1/30
Site Visitors	Name Time	Representing . Purpose
Notes		



	DAILY SITE LOG Page / of /
roject Name:	MEC RAINBOW HOUSE Date: 4/3/11 MONDAY
Project #:	225731) 016 Project Monitor: JOHN COLETT
Client:	CT PEJ Project Manager: ED FENNELL
TIME	OBSERVATIONS /ACTIONS
800	IH JOHN COLETTON SITE, GOAL IS
	10 PERFORM A VISUAL + CLEARAPER
(81)	AT RAJEROW HOUSE
	RED HAS PASSED CREW REMOVED
	PORCH I JOINT COMPOUND FROM
	PINING SAMPLES ARE NOW RUNNING
	FOR CLEARANCE ALLRESSIVE
(50-2)	SAMPLING USEP
1040	ALL CLEAR INSIDE THE KONSAINME
-	CREW TO TEAR DOWN.
1130	IM CLEANS UP FINISHES
	PAPERWORK - IS OFF SITE
.4	

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ATC Representative Signature _



FINAL INSPECTION / TEARDOWN FORM ct Name: DEC- RAINBOW Date:__ Project Monitor: JOHN Client: FINAL INSPECTION DINING ROOM (E'AN) Work Area(s) Inspected: DY ON ONA _____ Work area is free of visible debris DY ON ONA _____ **Work Area Preparedness** Critical containment barriers are secure and sound MY ON OWA _____ Waste has been properly packaged and removed from the work area DY ON ONA ·· Substrate surfaces will have a sealant (encapsulant) applied post-inspection DY ON OWA _____ Negative air unit(s) operating at an optimum flow rate DY IN INA ____. Negative air unit pre-filter(s) have been changed out DY DN DNA ___ When applicable, damage to facility floors, walls, fixtures, etc. has been documented In accordance with all applicable rules, regulations and specifications, the Project Monitor and Contractor hereby certify that they have visually inspected all surfaces of the Work Area (including pipes, beams, ledges, walls, ceiling, floor, decontamination unit, equipment, sheet plastic, etc.), mation and have found no ACM debris. The Work Area is dry and there is no pooling of water. JOHN COLLS Project Monitor OF RED FLOORING 126 A P O M TEARDOWN Work Area(s) Torn Down:_ All poly has been removed from facility structures and bagged as asbestos waste \square Y \square N \square N/A $_$ ПУ ПИ ПИА ______ All equipment, tools, materials, supplies, and waste have been removed Cleanliness □У□И□ИА _____ Spray glue and/or tape residue has been adequately cleaned from facility structures Furniture and/or other materials removed from the work area pre-abatement have been DY DN DNA. returned Any ACM found during teardown has been spot cleaned (wet wipe, HEPA vacuum) □ Y □ N.□ N/Y ___



DAILY SITE REPORT

Name: BAINBOW HOUSE Date: \$ 15/17 WEDNESDAY
t#: 2257319019 Project Monitor: JOHN COCK T77
Project Manager: EP FENNELC
Contractor Name A 1 S License # 000017 Project Supvs Workers Contractor Certifications DOK Deficiencies Noted & Resolved Deficiencies Noted & Not Resolved D-N/A Notification DY DN If Yes: Start Date 3/12/17 End Date 4/2/12 New Revised D Waste Hauler Transwas Consposal Facility Name Project Supvs Workers Project Supvs Project Supvs Workers Project Supvs Project Sup
Pipe Insulation
Eqpt/Mat'l Mobilization Final Cleaning Waste Load-Out Dust Control Re-insulation/Spray Work Area Preparation Encapsulation Eq/Mat'l Demobilization Repair/O&M Non-ACM (lead, PCB) ACM Removal Teardown/Cleanup Local Removal Demolition Demolition CLACAUCE P
Containment size: Barriers: D Wood D Stud & Poly Drapes D Glove Bag D Other
Respiratory Protection:
If N or U, expand and document notification and actions taken, if any. Indicate if N / A. BMERGENCY (N / A D) BLECTRICAL (N / A D) SCAFFOLDING (N / A D) LADDERS (N / A D) CLEANLINESS (N / A D) A U Acceptable Communication Unblocked/Marked Unblocked/Marked Date of Adequate Power Intended Load First Aid Kit MSDS' Available Communication Unblocked Name Power Intended Load Rungs Rungs Rungs Rungs Standing Water Side Rail Protection/Steady Protection/Steady Protection/Steady
Y N Full Shift (≥ 8 Hour) Sampling □ □ Worker SS# & Task □ □ Partial Shift (≤ 8 Hour) Sampling □ □ Previous Shift Results Posted □ □ Exc. Limit (30 min.) Sampling □ □ Flow Rate 0.5 - 2.5 LPM □ □ Equipment Calibrated □ □ Blanks 2 / 10% □ □ Contractor's Competent Person: ○ S A C □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □ □
Total Time in 20 M/N Respiratory Total Time in 20 M/N Protection Total Time in Containment 20 M/N Protection Total Time in 20 M/N Protection Total Time in 20 M/N Protection Total Time in 20 M/N Manometer Reading Cardno ATC Representative Signature Cardno ATC Representative Signature Cardno ATC Representative Signature
Name Time Representing Purpose



	DAILI SHE LOG Page / of	
roject Name:	MEC RAINBOW HOUSE Date: 4/5/17 WEDNESDA.	<u> </u>
Project #:	2257717000 Project Monitor: JOHN COLETT	7-
Client:	CT DES Project Manager: ED FENNELL	
TIME	OBSERVATIONS /ACTIONS	
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Cert.# 000356

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ATC Representative Signature



FINAL INSPECTION / TEARDOWN FORM

ί	pject	Name: MRE RAINDOW HOUSED	Pate: 4	15 /17 WEDNESDAY
	rroject			FOFENNELS
	Chone			
	Worls	Area(s) Inspected: K, TCHLA		~1
	WOIK A			
	S	Work area is free of visible debris	•	PY ON ONA
	dnes	Critical containment barriers are secure and sound		DY ON OWA
	epare	Waste has been properly packaged and removed from the work area		ety en on/a
	Work Area Preparedness	Substrate surfaces will have a sealant (encapsulant) applied post-inspection	n	₽Y □N □N/A
	k Are	Negative air unit(s) operating at an optimum flow rate	-	ĐÝ ON ONA
	Wor	Negative air unit pre-filter(s) have been changed out		OY ON OWA
		When applicable, damage to facility floors, walls, fixtures, etc. has been d	ocumented	OY ON OWA
(Notes	In accordance with all applicable rules, regulations and specifications, the inspected all surfaces of the Work Area (including pipes, beams, ledges, wand have found no ACM debris. The Work Area is dry and there is no possible to the project Monitor October 19	walls, ceiling, floor poling of water. O.S < A. Con	decontamination unit, equipment, sheet plastic, etc.), A HEANALOK Y/s-//) tractor Supervisor Date
	4			
		TEARDO'	WN .	
	Work A	Area(s) Torn Down:		
		All poly has been removed from facility structures and bagged as asbestos	waste .	□ Y □ N □ N/A
	S	All equipment, tools, materials, supplies, and waste have been removed		□Y □N □N/A
	Cleanliness	Spray glue and/or tape residue has been adequately cleaned from facility s	tructures	□ Y □ N □ N/A
	Clea	Furniture and/or other materials removed from the work area pre-abateme	nt have been	•
		returned		O Y O N O N/A
	·	Any ACM found during teardown has been spot cleaned (wet wipe, HEPA	A vacuum)	□ Y □ N · □ N/A
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FINAL INSPECTION / TEARDOWN FORM

lect	Name: MEC - RAINDOW HOUSE Date:	4/5/17
ار Project ا	#: 2257311019 Project M	onitor: JOHN 60 C 69 7
Client:	Project M	anager: FOFENNECC
	FINAL INSPECTION	<u> </u>
Work A	Area(s) Inspected: BASEMENT A	PRIA
	Work area is free of visible debris	DY ON ONA
ness	Critical containment barriers are secure and sound	. DY DN ÞWA
pared	Waste has been properly packaged and removed from the work area	DY ON ONA
a Pre	. Substrate surfaces will have a sealant (encapsulant) applied post-inspection	ØY □N □NA
Work Area Preparedness	Negative air unit(s) operating at an optimum flow rate	OY ON ONA
Wor	Negative air unit pre-filter(s) have been changed out	. OY ON ONA
	When applicable, damage to facility floors, walls, fixtures, etc. has been documen	ted DYDNDN/A
mation	In accordance with all applicable rules, regulations and specifications, the Project inspected all surfaces of the Work Area (including pipes, beams, ledges, walls, ce and have found no ACM debris. The Work Area is dry and there is no pooling of	lling, floor, decontamination unit, equipment, sheet plastic, etc.),
) 	NOUN COCEETY 4/5/1) OPROJECT MONITOR Date	SCAR HC NAMES 4/57/25 Contractor Supervisor Date
l seg		PATCH REMOVED
Notes	BY GLOUE BA	C-
<u> </u>	TEARDOWN	
Work	Area(s) Torn Down:	<u> </u>
	All poly has been removed from facility structures and bagged as asbestos waste	· □Y□N·□N/A
SS	All equipment, tools, materials, supplies, and waste have been removed	□ Y □ N' □ N/A
Cleanliness	Spray glue and/or tape residue has been adequately cleaned from facility structure	
Clea	Furniture and/or other materials removed from the work area pre-abatement have returned	been
,	Any ACM found during teardown has been spot cleaned (wet wipe, HEPA vacuu	m)
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APPENDIX B

Post-Abatement Re-Occupancy Clearance Air Testing Results

Shaping the Future N C. A I N B O D.

Project No./Task No.: 22

Client: Site: Work Area: __

Project Name:

AIR SAMPLE LOG

290 Roberts Street, Suite 301 East Hartford, CT 06108

Collection Date: 4/3/17	Project Monitor: JOHN COCK	Project Manager: 60 6600	Rotometer Number: Oicyoら	0600
ne: RAINBOW HOUSE	Task No.: 2257317 026	CT DCS	PAINBOW HOUSE	MAIN GOODS WINN

Fax: (860) 282-9826 7400 054 Ó Microscope Make/Model/No.: 🔾 (860) 282-9924 Method of Analysis: Analyst Signature: _ Reference Slide: Date of Analysis: Date of QA/QC:

Work Are	Work Area: June 1000 -			A/OC An	alvst.				, _	Date of OA/OC:				
	~10)	(ماساسور ر	6000	100 1 60m)										
Sample	Location	Sample Type	Pump On	Pump	Time (Mins)	Rotom	Rotometer Flow Rate (LPM)	Rate	Volume (Liters)	ГОР	Actual Count	Adjusted Count *	Result *	Analyst ID
#	Worker Name / ID#/ Task	(1-10)	hh:mm	hh:mm	[V]	nO	"Ю	Ave	A * B = [C]	(2.7 / C)	(F/Flds)	(E/Flds)	(E/CC)	Initials
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62	Field QA/QC Analysis	Analyst	should co	mplete a	duplicate	analysis	Analyst should complete a duplicate analysis of 10% of all samples here.	all sam	oles here.	Initial Result:	60//	QA/QC Result:	13/2	inc
	Lab QA/QC Analysis	All cas	settes and	a copy o	f this form should be QA/QC technician	should lechniciar	All cassettes and a copy of this form should be forwarded to the monthly QA/QC technician	ed to the	e monthly	Initial Result:		QA/QC Result:		

* If Adjusted Count is less than or equal to 5 Fibers/100 Fields, then report Result as < LOD Work Phase:

5) Glove Bag 6) Final Air Clearance 3) Asbestos Removal 4) Final Cleaning 1) Area Background 2) Pre-Abatement/Prep

7) Personal Air Sample 8) Waste Load-Out

9) Other Associated Work 10) NID/NEA

Ocular Adjustment:

Align Phase Ring: Received By:__ Center PC condenser: Microscope Setup: HSE/NPL Test Slide-No. Of Lines Visible: Relinquished By:_

NOTE: The Cardno ATC Lab meets the requirements set forth by AHERA 40 CFR 763.90 (i)(2)(ii). Filters are 25MM M White – File



かいつつか M E GROUP SERVICES LLC RAITOOU Project Name:

2257311006 4 Project No./Task No.: Client:

ITCHEL Site: RAIN OOW Work Area: 🛴

Work Area:

QA/QC Analyst:

AIR SAMPLE LOG

4/5/17	JOHN COLKTY	ED FENDERCL	0/1700
Collection Date:	Project Monitor:	Project Manager:	Rotometer Number:

2007 Fax: (860) 282-9826 290 Roberts Street, Suite 301 East Hartford, CT 06108 とこのこと Microscope Make/Model/No.: C (860) 282-9924 Method of Analysis: Analyst Signature: Date of Analysis: Reference Slide: Date of QA/QC:

Sample	Location	Sample Type	Pump On	Pump Off	Time (Mins)	Roton	Rotometer Flow Rate (LPM)	Rate	Volume (Liters)	ГОР	Actual Count	Adjusted Count *	Result *	Analyst ID
#	Worker Name / ID#/ Task	(1-10)	hh:mm	hh:mm	₹	б	₩ O	Ave Bi	A * B = [C]	(2.7 / C)	(F/Flds)	(E/Flds)	(F/CC)	Initials
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7	- Segled Blank	T									0//02		000	
17	Tr5106	O	722	858	97	13.47	17.47	3.77	13.47 (7.4) 13.47 1306.55 0.000	0.007	1/100	1	2,00.0	
77			725	722 855	66	13. 2	13.83	1, 64.6	1300 9 6 3081 (4 51 44 51 17 51		8/10	1	00000	
\mathcal{C}			721	722 859	65	13.77	13.52	0.77	13.47 13.47 43.47 1306.59 0 0021	1200.0	13/102	1	6,000.0	5-3-2-7 ₄₋₁
40/			576	005	65	13.77	13.43	13.72	1347 1347 1347 1306,55 0.0001	0.002	00/8	1	0,000,0	
55 ∧	<i>→</i>	4	576	500	57	13.71	13.57	13. 77	1371 13.47 13.47 1306,575 0.00 L	0.002	11/1	1	0.00%	3
50	Field QA/QC Analysis	Analyst	should co	mplete a	duplicate	analysis	Analyst should complete a duplicate analysis of 10% of all samples here.	f all sam	oles here.	Initial Result:	1//00/	QA/QC Result:	2000	X
	Lab QA/QC Analysis	All cass	settes and	a copy o	f this form QA/QC te	this form should b	All cassettes and a copy of this form should be forwarded to the monthly QA/QC technician	led to the	e monthly	Initial Result:		QA/QC Result:		
* If Ading	* If Adjusted Count is lace than or aqual to 5 Eibers/100 Eighds than range Bosent on / 1 OD	to the	hore/100	1000	40000	41.1906	00//							

If **Adjusted Count** is less than or equal to 5 Fibers/100 Fields, then report **Result** as < LODWork Phase:

3) Asbestos Removal 4) Final Cleaning 1) Area Background 2) Pre-Abatement/Prep

5) Glove Bag 6) Final Air Clearance

7) Personal Air Sample 8) Waste Load-Out

9) Other Associated Work 10) NID/NEA

Ocular Adjustment:

Date:

Align Phase Ring: Received By:_ Center PC condenser: Date: Microscope Setup: HSE/NPL Test Slide-No. Of Lines Visible: Relinquished By:_

NOTE: The Cardno ATC Lab meets the requirements set forth by AHERA 40 CFR 763.90 (i)(2)(ii). Filters are 25MM M White – File

S:\BidgSci\Admin\Templates and Forms\Asbestos\Air Sample Log.doc

APPENDIX C

Project Monitor License and Certification

1003586 01 AV 0.373 "AUTO H8 2 1665 06374-194422 -C01-P03591-I

JOHN A. COLETTI 22 TOPER RD **PLAINFIELD CT 06374-1944**

Dear JOHN A. COLETTI,

Attached you will find your validated certificate for the coming year. Should you have any questions about your certificate renewal, please do not hesitate to write or call:

Department of Public Health P.O. Box 340308 M.S.#12MQA Hartford, CT 06134-0308

(860) 509-7603 oplc.dph@ct.gov www.ct.gov/dph/license

Sincerely,

RAUL PINO, MPH, COMMISSIONER DEPARTMENT OF PUBLIC HEALTH

STATE OF CONNECTICUT

DÉPÂRTMENT OF PUBLIC REALTH

PURSUANT TO THE PROVISIONS OF THE GENERAL STATUTES OF CONNECTICUT

THE INDIVIDUAL NAMED BELOW IS CERTIFIED BY THIS DEPARTMENT AS A

ASBESTOS CONSULTANT-PROJECT MONITOR

JOHN A. COLETTI

CERTIFICATE NO. 000396

CURRENT THROUGH 06/30/17%

VALIDATION NO. 03-494785



EMPLOYER'S COPY

STATE OF CONNECTICUT DEPARTMENT OF PUBLIC HEALTH

NAME

JOHN A. COLETTI

VALIDATION NO. 03-494785

CERTIFICATE NO.

* CÜRRENT THROUGH 06/30/17

PROFESSION ...

ASBESTOS CONSULTANT-PROJECT MONITOR

INSTRUCTIONS:

- I. Botten and don early of the cards on this faces
- thights the large rard in a premium state in give 1984 one state of tradition
- s. The selled rused in the you becarry on year persons. If you do not much to earny the netled card, place it in a secure place.
- The singleyer's imply to the presume who was demonstrate exercit them involveriilisation in order in relate employment or polyticges. The employer's cord is in be presented to the impliance and kept by them we a part of your personnel like. Only one copy of this raid can he copplied to you

WALLET CARD

STATE OF CONNECTICUT DEPARTMENT OF PUBLIC HEALTH

NAME

VÁLIDÁTION ÑO. 03-494785

JOHN A. COLETTI 👑 🗇

certificate no current through 000396 06/30/17

PROFESSION ASBESTOS CONSULTANT-PROJECT MONITOR

CERTIFICATE OF ACHIEVEMENT

This certifies that

John Coletti

has successfully completed the

8-Hour Asbestos Project Monitor Refresher Training Course

conducted by

West Springfield, MA 01.089 (413) 781-0070 ATC Group Services LLC 73 William Franks Drive

Dregay Moved

Regional Manager: Gregory Morsch PMR-2117 Certificate Number

September 14, 2016 Examination Date

September 14, 2016 Principal Instructor: Thomas Dion

September 14, 2017 Expiration Date



Physician's Written Opinion

Respirator Clearance

Name: John Coletti	Date: 3.20.17	Social Security Number. Az	X-XX-0273
MEDICAL RECOMMENDATIONS	FOR RESPIRATOR	RUSE	
On this date, CORE Health Networks ha Regulation pertaining to respiratory prot			A 1910.134 Federal
[X] No limitations have been placed in [X] Medically not able to wear a [X] May wear a respirator for escapitations have been placed in [X] These limitations have been placed in [X].	respirator ape only		
[X] A copy of this document hat [] A follow-up evaluation is to	~	e employee	
			•
			•
	,		
1			
- Combine		3.22.2017	
William J. Nassetta, MD, MPH		Date	
Employee Signature	S	upervisor Signature	



Appendix 27-2

RESPIRATOR FIT TEST & TRAINING RECORD

Employee Na	ame (Please Print): JOH	N COLET	TI		
	ion: EAST HA		CT		
Social Securi	ity# 044 - 76	6275		<u> </u>	
Job Title:	INDUSTRIAL	HUGIENE	TECH	1/UICIAN	J .
Prescription (Glasses Required: Yes	No_	-	<u> </u>	
Test 1	Respirator Manufacturer/Tyr	oe/Model/Size: HONE	MICLIA /	7700 34/	/_
16201	Initial Fit OK:	77010 1. 1	Yes	No	• -
:	Negative Pressure Test	***************************************	Yes ~		
	Positive Pressure Test		Yes_ <u>i~</u>	No	
•	Irritant Smoke Test		Yes	No	
•	Sweetener Test	*************************************	Yes	_ No	
٠	Isoamyl Acetate Test	.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		_ No	
Test 2	Respirator Manufacturer/Typ	oe/Model/Size:			
ICSLZ	Initial Fit OK:	707 2120 0007 10	Yes	No	
	Negative Pressure Test	***************************************	Yes	_ No	
•	Positive Pressure Test		Yes	No	
	Irritant Smoke Test		Yes	No	
•	Sweetener Test	*************************	Yes	No	
•	Isoamyl Acetate Test	***************************************	Yes	No	
		b. 4. 1.1/C!	•	•	
Test 3	Respirator Manufacturer/Ty				
	Initial Fit OK:		Yes	No	
	Negative Pressure Test		I 68	No	
, ·	Positive Pressure Test		Vec.	No	
1	Irritant Smoke Test			No	•
-	Sweetener Test	******************		No No	
-	Isoamyl Acetate Test	***************************************	100		
Manufacture	er/Type/Model/Size of respirato	or selected and fitted:			
	•			•	
HONEY	WELL / 7700-30L	14 11			
Lunderstand	that I am responsible for and agree	ec to:		•	
 Regular u 	ase of my respirator whenever there i	s a possibility I may be expo	sed to air cont	aminants	
 Doing a n 	positive/negative pressure fit test who	enever I use a cartridge/filter	respirator 🕝	•	
 Cleaning, 	, inspection and proper storage of my	respirator at the end of each	ı workday		
 Reporting 	g respirator malfunctions to my super	rvisor	,		
Training Pro	vided:	11 11	//		
☐ Respirat	tor Use	the Well		<u> 10 - 10 -</u>	16
☐ Mainten		Employee Signature	•	Date	
	nd Levels of Contaminants			•	
	ncy Procedures/Drills	S. 11.		10-10-16	
_		Tester's Signature		Date	→ , ,
☐ How to	111	TOTOLD DISTURD	-	_ ****	
				HS 005	
				3/97	

APPENDIX D

Contractor License and Certification



Lookup Detail View

	Name	 	 	
	Name			
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	A.A.I.S. CORP			
3	1		 	

License Information

lookup

License Type	License Number	Expiration Date	Granted Date	License Name	License Status	Licensure Actions or Pending Charges
Asbestos Contractor	17	08/31/2017	08/19/1994	A.A.I.S. CORP	ACTIVE	None

Licensure Actions or Pending Charges

Case Number	Date Case Closed	Documents
2005-2005663	08/03/2006	

Generated on: 1/17/2017 2:47:35 PM



CONTRACTOR LICENSE AND CERTIFICATION LISTING

Page / of /

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roject Name: MCC RAINBOW	,	₩005≪ Date:	4/3	(1) Mg	2 NOAC	
į		Project Monitor:_		JOHN COCKAN	こんすれ	
12		Project Manager.		D FE	FENNEL	
NAME	DATE CHECKED BY CARDNO ATC	SOCIAL SECURITY #	DPH LICENSE #	MEDICAL EXAM CERT. EXPIRATION	TRAINING CERT. EXPIRATION	FIT TEST CERT. EXPIRATION
GLBERTO DEUVACUE	4/5/17	5587	456000	81/2/6	4/2/18 5/5/11 5/5/17	5/5/17
OSCAR HERMANDEZ	4513	- 4724	446000	000344 12/15/17 12/13/17 12/15/17	11/13/17	12/15/17
GERMAN RIVERA	1/5/2	2884 COSOSA	A CU200.	3/11/8	3/31/18 10/23/17 3/31/18	3/31/15
						·

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21/01/01/01/11/16

000356

1622

APPENDIX E

Contractor Daily Logs

PROJECT MYSTICE RGIN DOW HOUSE DAY THUS DATE 3	123/17
ADDRESS 40 Ors / School RJ	
WORKAREA DINING ROOM	 .

TIME	COMMENTS
7:00	AM Allived on Site truck is here we
	will unload the treck and go over the
	Lunck to be done
8:00	We will start in the Dining room setting
	vothe poly
9.00	Break After break we will continue
	with setting up in the Dining cooms
10:00	went to the building next store to
	got fill the water bollalos up with water
	for the hot water heater.
12.00	lungh After bunch we will continue
	setting up in the dining room shower
	and negative av.
3.00	Containment is ready for tomorrow.
3115	washing up and putting the took anay

FOREMAN'S SIGNATURE

PAGE ____ OF___

Frank Camera OSCAR Herrandez DALWIN ALVORINA T	1806 472-4	REG 8	OT	DT
JACHINI ANDENA T	1806	1 8	1	1
DALININ ALVOCINA T	1100011			
DALWIN CALVORINA T	41 July	8		
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REMAN SIGNATURE A				-
TIM	IE DATE			
LLED IN AT THIS TIME 12/3	2/22/17			

PROJECT .	Mystic I	J Rainh	pow+louse	DAY Friday	DATE 3/24/16
ADDRESS	40 0191	School	Rdi	/	
WORK ARI	EA Dining	Room			 .

TIME	COMMENTS
7100	Acrived on site we will turn on the
	water for the shower and the negative
,	air machine, and start ramous!
	Wz will 9/50 be working in the Kitchen
	taking the cabnets out of theway
9:00	Break After breakuse will continue
	taking down the sheet rock gloo
	working on bagging out
12:00	burch , After buch we will be setting
	upon the sun pourch we will cut the
	radators out of the way.

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PAGE _____OF___

JOB NAME & NUMBER MYSHIC WORKER SAFETY AND MSDS AWAF			DATE	5/ = // / /
NAME	SS#	REG	ОТ	DT
Tan Lamera	1806	8		
Dring Asitimber Drivin ALVORINA.	, per	8		
TARLUIN CALVORINA.	. 0573.	8		
OSCAR Hernande	4724	8		
10 (ATC TV TOWN CAE				
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De	Us.			-
FOREMAN SIGNATURE				
· _	TIME DATE			
CALLED IN AT THIS TIME	3/27/16			

DAILY/LOG
PROJECT Mystic Ed Rainbow House DAY Manday DATE 3/27
ADDRESS 40 Oral School Rd
WORKAREA SUN POUCCH
TIME COMMENTS
7/00 AM Arrived on Site we will be setting
up the Sun Pourch area, butting up poly
9:00 Bleak litter Digak continue with setting
of the contain ment also putting the negative
gy michine in place
12:00 lunch After buch putting the 14st of
the play in place we will also ismove
the poly wall between the Two
continuent and make one

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PAGE _____OF___

, NAME	VARENESS MEETING ATTEND SS#	REG	ОТ	DT
Frank Camera	1806	8		
Frank Camera Oscarternan	der 4724	8		
C. Delualle	7399	8		
0000				
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	7	,		1.
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)

	DAILY LOG TUESDAY
PROJECT	Mystic E) Rainbow House DAY DATE 3/28/
ADDRESS	Mystic E) Rainbow House DAY DATE 3/28/
WORK AF	Sun Paris I
TIME	COMMENTS
7.00	AM Arrived on site we will be working
	on staring removed we will be
0200	taking up the floor
9:00	Borak After break we will continue taking
	up the floor file sho using the quitess
	sprayer to mist the air.
17:00	lunch After lunch contine with
	floor the and bagging out
3:10	potting the tools and
i	
<u> </u>	

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PAGE ____ OF ___

JOB NAME & NUMBER Mystic Ed Rain how House DAY Tuesday DATE 3/78/17 WORKER SAFETY AND MSDS AWARENESS MEETING ATTENDANCE FORM					
	ARENESS MEETING ATTEND	PANCE FORM REG	OT	DT	
NAME	1806	S S	OT	UI	.)
Frank Camera Osya Hernande G. Delvalle	4724	8			,
- CAR HERMAN CLE	2 779	8			
- Chelouile	W11	0	:		
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FOREMAN SIGNATURE					
TIME DATE					
CALLED IN AT THIS TIME $2053/30/7$					

PROJECT MYSTIC FORGINDOW HOUSE DAY Wed DATE 3/	129/1
ADDRESS 40 Org School Rd	7
3	
WORKAREA Dining Room	
TIME COMMENTS	·\
200 AM Arrived on site we will be work	ing
on taking up the 19st of the til	1
9:00 Bizak After bizak we will be working	2
on fulling all the screws and nauly	,
out of the Close.	
12:00 lunch After, lunch we will be working	
on final cleaning the avea and/	
wetwiping.	
3:10 Showering out	
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PAGE _____OF___

ER SAFETY AND MSDS AWARENESS NAME	SS#	REG	ОТ	DT
Frank Camera OscHa Hernander Gilbato Delialle	1806	8		,
Osrsa Hernander	4724	8		
(-: 1buto Deliglip	2399	8		
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EMAN SIGNATURE				

DAILY LOG	,
PROJECT Myslic Ed Rainbow House DAY	Thu. date 3/30/
ADDRESS 40 GOTO Drive	
WORK AREA WINDOWS	
	·
TIME COMMENTS	
2:00 An wewl be working on	outside
windows where the sun	porch is
9100 Break After bracak cont	
Sun porch window tranc	
11:00 Wasking on the window of	the 2nd +100r
bathroom window frame Carl	ζ,
12:00 lunch After lunch we u	nul be
work on the Kitchen wind	ous taking the
3:10 putingthe tools quay,	ame Caulk
3:10 puttingthe tools quay,	
	·

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PAGE _____ OF ____

JOB NAME & NUMBER Mystic Ed Rainbow House DAY This. DATE 3/30/17					
WORKER SAFETY AND MSDS AWARENESS MEETING ATTENDANCE FORM NAME SS# REG OT DT					
	Frank Camera Oscar Hernandez G. Delvalle.	ss# 1806	S S		T 101
	Frank Lamera	4724	8		· · · · · · · · · · · · · · · · · · ·
	USCAR Hernandez	4779	0		
	G. Delvalle.	2379	0		
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FOREM	AN SIGNATURE	<u> </u>			V .,
	TIME DATE				
CALLED IN AT THIS TIME 10.45 $3/3/17$					

PROJECT Mystic E) Rain bow House DAY Friday DATE 3/31/
ADDRESS 40 Oral Drive
WORKAREA Kitchen + Basement
TIME COMMENTS
7:00 Am, Arrived on Site we will be setting, up in the Kitchen criticals and
Ist layer
9:00 Break After brook we will continue
12:00 Junch After which setting up 2nd layer
I in the Kitchen.
3:00 puting the tools away.
' '
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PAGE ____ OF ____

JOB NAME & NUMBER MYSTIC	· E) Rainbow House	DAY Friday	_ DATE_	3/31/17
WORKER SAFETY AND MSDS AWAF	RENESS MEETING ATTEND	PANCE FORM '		
NAME	1806	REG	ОТ	DT
trank (amers	1000	8		
Chris Milen	5405	8	·	
Costa Hernander	4724	<u> </u>	···································	-
C. Delvalle.	2377	8		
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I	TIME DATE			
CALLED IN AT THIS TIME //	30 3/31/17	<u>'</u>		

PROJECT MYSTIC Edu. Center	175039 DAY Monday DATE 4-3-17
ADDRESS 240 oral School Rd.	Mystic CT. 06355
WORKAREA Kitchen, Basement	

TIME	COMMENTS
700 -	Access work Area, Crew Begins Removal
	of Kitchen Flooring To expose Blue
	Asbestos Floor tile
730-	Kitchen Flouring Removal Stapped, Blue Floor
	Tile Breaking.
	- Continue Removal in Areas where
	there is no Floor Tile.
*	Toe Volano Request we schoolule Time
	For site clean up at End of
	project.
	I.H. on site For clearance of Dinning RM.
	BHEET ROCK and Sun porch Red Floor Tile.
10 20 -	Containment Passes Air Test, Crew Moves
	De-Con
1100	Crew Moves De-Con
1200-	Lunch
1230	Crew setting up Micro Trap.
100-	Crew Removing NON Asbestos layers of Flooring
200 -	Societ Work and

300 - Secure work Aprec, 300 - End OF Pay

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PAGE______ OF_____

9-2

ER SAFETY AND MSDS AWARENE NAME	SS#	REG	OT	DT
German Riveron	4724	8		
C SOVIETICAL E	3824	8		
German Kivero	n 100.	10		
C. DEWAILE-	W//:	0		
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MAN SIGNATURE	2		•	
TIME	DATE			

PROJECT MYSTIC FOW, Center	175039 DAY Tuesday DATE 4-4-17
ADDRESS 240 Oral 5 Shool Rel.	Mystic CT. 06355
WORKAREA Ruinbow House	

COMMENTS
Activate Micro Trap
- Crew cleaning up ANOH Asbestos Flooring
Activate Dc-Con, crew suits up.
Removal started.
Crew using chipping Gun, to Remove Floor
Tile.
Crew De-Cons For Break
Floor Tile Removal Continues.
FRI Fire Alarm on site to service unit.
Crew Bags out waste (5 Bags)
Lunch
Crew Final Cleaning containment
Crew De-Cons Tools
Encapsulate Containment
Crew secures Tools
SECURE WORK Area
End of Day

FOREMAN'S SIGNATURE

PAGE ____ OF ____

R SAFETY AND MSDS AWARE NAME	SS#	REG	ОТ	DT
OSCAR Hermindez	4724	8	<u> </u>	<u> </u>
	(70)	8	<u> </u>	
G. Dehalle		8		
German Rivera	3824	<u> </u>		
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PROJECT	Myst	ic Ed	u. Cento	K 1	75039	$_{DAY}$ $\underline{\mathcal{U}}$	ed	DATE <u>4-5-17</u>
ADDRESS	240	Oral	6chool	Rd.	Mys	tic	CT.	
WORK AR	EA R	ainbou	Hou	. 5-0	*******			

TIME	COMMENTS
700 -	Access work great, Activate De-Con
720-	I.H. on site to Run Air Clearance in
	Kitchen
	· Krew Preps at Basement For Chimney
	Flue Glovebag.
930 -	Kitchen containment Passes Air Tesy
1000-	Basement Glovebag starteck
	& Glavelag completed, crew Begins Teax
	down of Containment # 1 (Dinning Rm and
	Sun porch)
	Lunch
100 -	I.H. Reviews Report, window Cault assumed
	un All windows. AAIS will Remove windows
	and caulk at Time of Demo. Bldg. Security.
300-	Secure work Anea
1 .72	End of Pay

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C. Velvary.			 		
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C. Velvara.			 		
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	 G. Delvalie.	6311-	8		
	 Ca Dillan		 8		
Germon Rivero 3824 8 Girolary 7399- 8	OSCAR Harmandez	4724	8		

PROJECT	Hystic	Edu.	Center		175039	DAY	Thursday	_ DATE _	4-6-17
ADDRESS	240	oral_	School	Rd.	Mystic	·•	CT.		
WORK AR	EA <i>Raj</i>	n baw	Hous	·e					
				GOV 10 A	ENTEG				·
TIME			· · · · · · · · · · · · · · · · · · ·			 .	 		
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	and	01	eun up	<u>, </u>		· · · · · · · · · · · · · · · · · · ·		·	
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200-	Return	Bo	rrowed	Ēģu.	if ment				
3 -	SECUI	RE 1	WORK	ARFA	<i>g</i>			• -	
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PAGE______ OF____

R SAFETY AND MSDS AWAREN NAME	SS#	REG	OT	D ⁻
	4724	8		
Oscar Hernander German Rivera G.Delvalle.		8		
German Rivera	2,399		-	·
C. Delvalle.	6011	Ø		
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PROJECT	MUSTIT	Edu.	175039	DAY Fridar	DATE <u>4-7-17</u>
ADDRESS				<u> </u>	
WORK AR	EA		·	<u> </u>	 .
<u> TIME </u>			COMMENTS		
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	TIME	DATE				

APPENDIX F

Containment Dive Sheets

A.A.I.S. Corp. JOB Myshic Ed Rainbow House

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NIVE CHEET

A.A.I.S. Corp. JOB Mysfic Ed Asinbow House

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DIVE CUEET

JOB Mystic Ed Rainbow House LOCATION DINING room

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DIVE SHEET

A.A.I.S. Corp.

175039 LOCATION Kit Chen

JOB Mystic Edu. Rainbow

Floor Tile

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DIVE CHEET

APPENDIX G

Contractor Personal Air Sampling Logs

PO#	

MSLL.Y_N_

AIR SAMPLING / NIOSH METHOD 7400 SAMPLE RECORD

	- 1								FaxedCalledLogged				
Sample Source <u>Mystic</u> Sampled by <u>O</u> #				4-4-10	7 Cust	omer N	ame		175639 Corn				
Analyst JOHA						_							
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Project Mystic Edu	. Cent	e/L		***************************************			Sample	Codes					
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I, _____, hereby swear that all information on this form i true and if applicable all personal air samples were worn by employees as liste above.

						PO.#			
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Analyst JOHN									
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Name: Jame Assimlary 88# 1200 Code: 5 Task: Sheet 1000	7:15	7:45	2.5	29	87.	100	(43)	0.1917	
Date: 3/24/17 Name: Jaime Asilimber BB# 1209 code: 1 Task: Sheet rock	7:45	12:00	29	29	7385	OVER	rogl	<i></i>	
J Date: 3/24/17 Name: Ss# + 6 Code:						100	2.54		
Date: 3/24/17 Name: Sa# Code:						0/100	0:00		

Field Blanks
Laboratory Blank

NS 101

Project Mystic Ed Rainbow House

Sample Codes:

Location Dining Room

Code:

1-Personal

Forman Frank Camera

Date: Mask:

Name: 88#

Task:

2-Work Area 3-Outside Area

superintendent (Mis Princti

4-Final Clearance 5-Excursion

, hereby swear that all information on this form is true and if applicable all personal air samples were worn by employees as listed above.

				PO#			
AIR ample Bource MyS		/ NIOSH MET	ş	SAMPLE			Mill.Y_N_ Faxed Called Logged
ampled by Famely	Date	sampled 3/2	8/17 Cust	omer Na	me	A.A.I.S. (Corp
Analyst <u>JOHU</u>							6/2
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Date: 3/78/17 Name: Name: SE# Code:				10.0	000		
8 Date: 3/28/17 Name: Name: LD code:				1/06	000)	
Date: Mask: Name: SS# Code: Task:	-						
Report Reviewed by		Date_	F	Blank(s	Rece	ived? Y	
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Location Sun Po Foresan Fight	Camers				1-Per 2-Wor 3-Out	sonal k Arsa side Ar	•a
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I, _______, hereby swear that all information on this form is true and if applicable all personal air samples were worn by employees as listed above.

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ample Source MySt	K E), Rai	nbor	<u>H</u>	ouse				175039
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project Myshic Location Dining	Room	ainbo h	w tl	0 US C			1-Pe	rsonal	•

I, but hereby swear that all information on this form true and if applicable all personal air samples were worn by employees as listerabove.

Foresen Frank

3-Outside Area

4-Final Clearance

APPENDIX H

State of Connecticut Notification





STATE OF CONNECTICUT DEPARTMENT OF PUBLIC HEALTH ASBESTOS ABATEMENT NOTIFICATION FORM

For S	tate Use Only
Postmark Date	
Check#	
Amount	
Transmittal #	
Record No.	

This form is to be completed and postmarked or hand delivered to the Connecticut Department of Public Health at least ten (10) days prior to the start of asbestos abatement, as required by the Regulations of Connecticut State Agencies, Section 19a-332a-3. In case of an emergency, this form is to be completed and completed and postmarked within one (1) working day following the start of asbestos abatement. Faxed originals are not acceptable. Revisions may be faxed unless an additional fee payment is due.

A MPIA	X				
A. NEW		B. BLANKET	C. CANCELLATION/POSTPONED	. C	_
D. REVISED		(ITEMS REVISED)	och village en a kall illings kage	REVISION#	······································
E. EMERGENCY	4.50	DESCRIBE NATURE	OF EMERGENCY	n-a	
2. ABATEMENT C	ONTRACTOR				
NAME	AAIS Corpo	oration	10	LICENSE # 000017	
ADDRESS	\$``}\\\.	Post Rd., P.O. Box 26066		LIOLINGE W. COCOTT	_
CITY	West Have		STATE CT	ZIP 06516	•
PHONE#	(203) 932-2	2992	CONTACT PERSON Jo	Carlo in Cost 11	
					•
3. FACILITY (OW	NER'S NAME)	OWNER/OPERATOR		•	•
NAME	State of CT	, Dept. of Construction Service	es		
ADDRESS	450 Columb				
CITY	Hartford		STATE CT	ZIP 06106	
PHONE#	(860) 713-5	702		chael Sanders	-
. NAME OF FACI	LITY (FILL IN A	ADDRESS WHERE ABATEM	IENT PROJECT IS LOCATED)		
ADDRESS	240 Oral Sc	chool Rd., Former Mystic Edu	c Center. Rainbow House		
SITY	Mystic		STATE CT	ZIP 06355	
			**************************************	Ess FEDSTall Conducts	-
5. PROJECT DATES	s ·				
	and the respective		AT LETTER TOWN TRANSPORT OF THE PROPERTY OF THE		•
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:(A) ABATEMENT \$	TART DATE	03/23/17	(5 (B) COMPLETION DATE	/07/17	
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NOTIFICATION FEE D TOTAL ABATEMEN USE OF FACILIT	VE \$100 NT PROJECT CO	TO BE COMPLETED IF PI 0 +1% total asbestos abateme	ROJECT IS GREATER THAN 160 SQUA	ONS) OFFICE	E. COLLEGE X

8. BUILDING DATA SQUARE FEET 2,480			ER OF FLOORS	2	AGE	
9. ABATEMENT CLASSIFICATION	- "	inggera.	ingga merkerasanan kebua		, F.J. (E.F. 1985)	· H
RENOVATION	DEMOLITION			ORDERED DE		
10. ABATEMENT TECHNIQUE				•	·	OF TOT DEMO ORDER
A. FULL CONTAINMENT WITH NEGATIVE	AIR [GNER & LICENSE#	X	, DPW Blanket -	B. ALTERNAT	IVE WORK PRACTICE	X (PRE-APPROVAL REQUIRED)
C. EXTERIOR ABATEMENT				D. SPOT REP	AIR (> 25 SF Total)	
11. ABATEMENT METHOD	_					·
- #50 KT 1917/75 THE RESERVE GET FOR \$7 \$7 \$7 \$2 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	. ENCAPSULATION			C. ENCLOSU	RE ASS	
12. TYPE OF DECONTAMINATION S	YSTEM					
A. CONTIGUOUS	B. REMOTE			с. вотн	_X_	
13. TYPE AND AMOUNT OF ASBEST FRIABLE MATERI		7. B.T.	ported in Square	Feet)	NON EDIADI E MAI	ERIAL
A. SPRAYED OR TROWELED ON		Ft.	Category I:	l. Floor Cove	ring - Floor Tiles	360 Ft
B. BOILER INSULATIN		Ft.	catogory ii	Linoleu	また いるといい (4) エス・ロッキッグをおから だっぱき だっ	
C: TANK INSULATION	-	Ft.		J. ROOFING	(Specify)	Ft
D. BREECHING INSULATION	•	Ft.		Specify (F	lashing/Field/Etc)	Ft
E. DUCT INSULATION	-	Ft.		K. GASKETS	, PACKINGS	Ft
F. CEILING TILES	-	Ft.	Category II:	L. TRANSITE	BOARD	:
G: OTHER (Specify)				M. OTHER (S	pecify)	ξ. Ft
Flue Cement	2	Ft.		Window		15 LF_Ft
		Ft.		Window	Control of the Contro	<u> </u>
		Ft.			mpound	100 Ft
	Charles and the Action 19	Ft.				Ft
H.* PIPE INSULATION	Use conversion ta	ble		TOTAL SQUA		
(Pîpe Diameter) "	<u>Linear Feet</u>		X	CF*	= -	Total Square Ft.
<u>In</u>		Ft.	<u>х</u>		=	<u> </u>
<u>In</u> In		Ft. Ft.	^X			Ft.
In	·	Ft.	X		=======================================	Ft
In		Ft.	X		=	Ft
ln		Ft.	Х		=	Ft
In	-	Ft.	X		=	Ft
ln		Ft.	Х		=	Ft
14. WASTE DISPOSAL SITE (IF MUL	TIPLE SITES, LIST	SEP	ARATELY)			
NAME Modern Landfill					Hakes Landfill	
ADDRESS 4400 Mount Pis	gah Rd.			医双毛畸形 化重压管 经股份额	4376 Manning Ridge Ro	
CITY, ST, ZIP, York, PA 17402					Painted Post, NY 14870	
PHONE # 717-246-4615 OWNER/OPERATOR Jodi			OWNE	# RIOPERATOR	607-937-6044	
OWNER/OFERA LOR Jodi					Domine	
NAME Minerva Enterpr				化铁铁 化二氯甲基甲基苯甲基甲基苯甲基苯甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基甲基	WMNH, Inc.	
ADDRESS 9000 Minerva R				and the first of the first the contract	97 Rochester Neck Rd	
CITY, ST, ZIP Pike Township,	OH 44688				Gonic, NH 03839	
PHONE # 603-330-0217 OWNER/OPERATOR Steve Chandler			OWNE	# PHONE R/OPERATOR		
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15. HAULER/WASTE TRANSPORTE			kurskuressuu peurkkuus eres 1	nataran ger <u>esel</u>		
NAME RTL Enterprises					USA Hauling	
ADDRESS 173 Pickering Si CITY, ST, ZIP Portland, CT 00					15 Mullen Road Enfield, CT 06082	
Cipi, Si, Zir Poliand, Ci o	D400		aumudees factor		Elilleid, OT 00002	
NAME Transwaste, Inc.						
ADDRESS 3 Barker Street	40400					
CITY, ST, ZIP Wallingford, CT	10492					
INDIVIDUAL COMPLETING THIS FORM	Joe Villano, VP Der	no		-	Signature	
WWW 00MB/ FTTT T0817 T0	DDU ADDESTOS		2.4.14			
MAIL COMPLETED FORM TO:	DPH, ASBESTOS P 410 CAPITAL AVE.					
	PO BOX 340308	,				

3/13/2017

State of Connecticut Department of Public Health Alternative Work Practice (AWP) Approval Form

Check box for applicable AWP scenario.
1. Scenario 1-Renovation Projects: Friable Thermal System Pipe Insulation
In lieu of the requirements of Subsection 19a-332a-5(e) of the Regulations of Connecticut State Agencies (RCSA), the Contractor shall isolate the work area from the non-work area using barriers as detailed in Subsection 19a-332a-5(c) of the RCSA. Additionally, a single layer of 6-mil polyethylene sheeting shall be installed by the Contractor to seal the wall and floor surfuces in the work area. In areas where this barrier does not extend to the ceiling, the layer of six-mil polyethylene sheeting shall comprise the ceiling of the airtight enclosure. The thermal system pipe insulation shall then be abated by the Contractor using the glove bag procedure, as detailed in USDOL OSHA Regulation 29 CFR 1926.1101. In conjunction with the glove bag procedure, the Contractor shall also place a single layer of polyethylene sheeting below the pipe insulation being abated to serve as a drop cloth.
2. Scenario 2 - Renovation Projects: Non-friable ACM
In lieu of the requirements of Subsection 19a-332a-5(e) of the RCSA, the Contractor shall isolate the work area from the non-work area using barriers as detailed in Subsection 19a-332a-5(c) of the RCSA. Additionally, a single layer of 4-mil or 6-mil polyethylene sheeting shall be installed by the Contractor to seal the wall and (if they are not to be abated) the floor surfaces in the contained asbestos work area. Unless written approval by the DPH is otherwise received, this work practice shall only be applicable to the abatement of the following non-friable ACMs: flooring/treading, cove base, mastic/glues, transite/cementitious materials, glue daubs, gaskets, glazing, caulking, putty, and asphalt materials.
3. Scenario 3 - Demolition, Safe Structure: Friable Thermal System Pipe Insulation:
In lieu of the requirements of Subsection I 9a-332a-5(e) of the RCSA, the Contractor shall isolate the work area from the non-work area by barriers as outlined in Subsection 19a-332a-5(c) of the RCSA. The thermal system pipe insulation shall then be abated by the Contractor using the glove bag procedure as detailed in USDOL OSHA Regulation 29 CFR 1926.1101. In conjunction with the glove bag procedure, the Contractor shall also place a single layer of polyethylene sheeting below the pipe insulation being abated to serve as a drop cloth.
4. Scenario 4-Demolition, Safe Structure: Non-friable ACM
In lieu of the requirements of Subsection I 9a-332a-5(e) of the RCSA, the Contractor shall isolate the work area from the non-work area using barriers as detailed in Subsection 19a-332a-5(c) of the RCSA. Unless written approval by the DPH is otherwise received, this work practice shall only applicable to the abatement of the following non-friable ACMs: flooring/treading, cove base, mastic/glues, transite/cementitious materials, glue daubs, gaskets, glazing, caulking, putty, and asphalt materials.

STATE OF CONNECTICUT DEPARTMENT OF PUBLIC HEALTH

Raul Pino, M.D., M.P.H.

Commissioner



Dannel P. Malloy Governor Nancy Wyman Lt. Governor

Environmental Health Section

February 23, 2017

Mr. Edward P. Fennell, Jr., P.E. Cardno ATC 290 Roberts St, Suite 301 East Hartford, CT 06108

Re: Application for Approval of Alternative Work Practice: Various Properties Administered By the CT Department of Administrative Services, Division of Construction Services.

Dear Mr. Fennell:

This letter is in response to an application prepared by you on February 17, 2017, requesting approval of a blanket Alternative Work Practice for the removal of asbestos-containing materials (ACM) associated with the renovation and demolition of various properties under the administration of the CT Department of Administrative Services, Division of Construction Services. This application serves as an extension to a previously approved "blanket" alternative work practice request, and shall be in effect from February 23, 2017 to February 22, 2018.

Based upon the information provided in the application describing the proposed AWPs, conditional approval is granted by the Department of Public Health (DPH). As a condition of approval, each DPH licensed Asbestos Abatement Contractor (Contractor) utilizing these approved AWPs shall submit a copy of this approval letter with the asbestos abatement notification form (AANF) submitted for each project. The AANF must clearly reference the AWP scenario(s) to be utilized in performing the project. Further, the AANF shall clearly indicate the quantities and type(s) of asbestos-containing material (ACM) to be removed by each scenario.

Approval is conditionally granted by the DPH for the following scenarios:

Scenario 1 - Renovation Projects: Friable Thermal System Pipe Insulation

In lieu of the requirements of Subsection 19a-332a-5(e) of the Regulations of Connecticut State Agencies (RCSA), the Contractor shall isolate the work area from the non-work area using barriers as detailed in Subsection 19a-332a-5(c) of the RCSA. Additionally, a single layer of 6-mil polyethylene sheeting shall be installed by the Contractor to seal the wall and floor surfaces in the work area. In areas where this barrier does not extend to the ceiling, the layer of six-mil polyethylene sheeting shall comprise the ceiling of the airtight enclosure. The thermal system pipe insulation shall then be abated by the Contractor using the



Phone: (860) 509-7367 • Fax: (860) 509-7378
410 Capitol Avenue, MS #51AIR P.O. Box 340308
Hartford, Connecticut 06134-0308
www.ct.gov/dph
Affirmative Action/Equal Opportunity Employer

Mr. Edward Fennell, Jr., P.E. Page 2 – February 23, 2017

glove bag procedure, as detailed in USDOL OSHA Regulation 29 CFR 1926.1101. In conjunction with the glove bag procedure, the Contractor shall also place a single layer of polyethylene sheeting below the pipe insulation being abated to serve as a drop cloth.

Scenario 2 - Renovation Projects: Non-friable ACM

In lieu of the requirements of Subsection 19a-332a-5(e) of the RCSA, the Contractor shall isolate the work area from the non-work area using barriers as detailed in Subsection 19a-332a-5(c) of the RCSA. Additionally, a single layer of 4-mil or 6-mil polyethylene sheeting shall be installed by the Contractor to seal the wall and (if they are not to be abated) the floor surfaces in the contained asbestos work area. Unless written approval by the DPH is otherwise received, this work practice shall only be applicable to the abatement of the following non-friable ACMs: flooring/treading, cove base, mastic/glues, transite/cementitious materials, glue daubs, gaskets, glazing, caulking, putty, and asphalt materials.

Scenario 3 - Demolition, Safe Structure: Friable Thermal System Pipe Insulation:

In lieu of the requirements of Subsection 19a-332a-5(e) of the RCSA, the Contractor shall isolate the work area from the non-work area by barriers as outlined in Subsection 19a-332a-5(c) of the RCSA. The thermal system pipe insulation shall then be abated by the Contractor using the glove bag procedure as detailed in USDOL OSHA Regulation 29 CFR 1926.1101. In conjunction with the glove bag procedure, the Contractor shall also place a single layer of polyethylene sheeting below the pipe insulation being abated to serve as a drop cloth.

Scenario 4 - Demolition, Safe Structure: Non-friable ACM

In lieu of the requirements of Subsection 19a-332a-5(e) of the RCSA, the Contractor shall isolate the work area from the non-work area using barriers as detailed in Subsection 19a-332a-5(c) of the RCSA. Unless written approval by the DPH is otherwise received, this work practice shall only applicable to the abatement of the following non-friable ACMs: flooring/treading, cove base, mastic/glues, transite/cementitious materials, glue daubs, gaskets, glazing, caulking, putty, and asphalt materials.

Except as noted in this letter, all other work practices specified in the RCSA are mandatory. This approval is specific to the identified facilities, and does not relieve the Contractor or facility owner from meeting the requirements of any other federal, state, or municipal code or regulation. Additionally, this approval does not address the removal of solvents, petroleum products, or any other controlled or hazardous materials that may, or may not, exist at the subject sites. Guidance from applicable Federal and State regulatory agencies shall be sought regarding any such matters. The DPH reserves the right to rescind this approval should it determine that equivalent means of asbestos emission control are not maintained.

Please contact me directly at 860-509-7370 if you wish to discuss this matter further.

Sincerely.

William M. Stapleton, Jr. Environmental Sanitarian II

Asbestos Program

APPENDIX I

Asbestos Disposal & Documentation Form



3 Barker Drive • Wallingford, CT 06492 (203) 269-8300 • Fax: (203) 269-8600

Name of Authorized Agent

E.P.A. AGENCY

CT, MA, RI, VT, NH, ME GENERATORS

EPA New England 1 Congress Street Boston, MA 02114-2023 (617) 918-1111 NY GENERATORS

EPA Region 2 290 Broadway, 26th Floor New York, NY 10007-1866 (212) 637-3000 # 3332

EMERGENCY RESPONSE TELEPHONE #203-269-8300

ΓK <u>#</u>	AS	BESTO	S DISPOSAL &	DOCU	MENTATION FOR	₹M	
lob Numbe	er 175039		P.O.# <u>6%637</u>		GENERATOR/BU	ILDING OWNER	
Contractor_	AAIS Corporation			Stare	OS CT Deod of	Cordection	Sorvices
AddressI	PO Box 26066			Address	150 CO1U~	Los Blud	
City Wes		State	CT Zip 06516	City	OS CT Dep 2 of HONGOOD	State 103	Zip
relephone	Number 203-932-29	992		Phone Nu	mber \$607,3	_	
			of Pickup <u>6- [4-2017</u>		GENERATING	LOCATION	: :
Гуре of Co				$-\infty$	ystic Ed Kaiz	you you	re
	5.25 CY	Friable	Non-Friable	Address	40 Oral Scho		Zip
Bag 🗹	Drum 🗾	Wrapped [Phone Nu		C6355	
	RQ, NA2212, AS	BESTUS	5, 9, PG III				
or any applicab disposal found i Shipper's Certil marked and lab	ole state law, has been proper in 40 CFR part 61.150. fication: I hereby declare that	ly described, of the contents of respects in pro-	classified and packaged, and is of this consignment are fully an	in proper con d accurately d	pplicable state law, is not a hazardition for transportation according escribed above by the proper ships international and national gov	to NESHAP standards for pping name, and are clas	or asbestos waste
Fransporte	er 1:		*	Address	<u> </u>	Telepho	one #
Driver:			Regis	tration #: _		Date:	
	Signatui	re	Acknowledgement of	of receipt of r	State / # naterials.		
Transporte	er 2: TransWaste, Inc	., 3 Barke	r Drive, Wallingford, CT	06492 (2	03) 269-8300		
Driver:	W. Chaultes		Reais	tration #: _	49335 A CT	Date:	6.17
DIIVOI	Signatui	re	Acknowledgement of	_	State / #		
Transporte	er 3: TransWaste, In		er Drive, Wallingford, C Regis Acknowledgement	Address tration #: _	State / #	Telepho	one#
						1/ 1. 7	
Site □:	Modern Landfill	Site □:	Minerva Enterprises	Site □:	Hakes Landfill	Site XI: WIL	
Address: 4	4400 Mount Pisgah Rd.	Address:	9000 Minerva S.E.	Address:	4376 Manning Ridge Rd.	Add Gandril V	and my mill
	York, PA 17402		Waynesburg, OH 44688	1	Painted Post, NY 14870	MUSINITO	20, 11, 11, 140
Phone:	717-246-4615	Phone:	330-866-3435 Certification of receipt of mat	Phone:	607-937-6044	Phone: 1/10-/	01-0971
I hereby certif	fy that the above named ma		•		edge the foregoing is true and a	accurate.	1:4-

Signature

GENERATOR

APPENDIX J

Drawings



RAINDOW HOUSE BASEMENT

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