



DEC 1 4 1998

DEPARTMENT OF ENVIRONMENTAL SERVICES

ABATEMENT AND DEMOLITION OBSERVATION AND DOCUMENTATION OF OLDER SITE BUILDING Beede Waste Oil/Cash Energy Site Plaistow, New Hampshire

Prepared for New Hampshire Department of Environmental Services

> Prepared by Sanborn, Head & Associates, Inc.

> > File 1371 July 1998

Paul M. Sanborn
Charles L. Head
R. Scott Shillaber
Charles A. Crocetti
Mathew A. DiPilato
Daniel B. Carr
Duncan W. Wood



Consulting Engineers & Scientists

July 2, 1998 File No. 1371

Robert P. Minicucci, II, P.E., Project Manager Waste Management Division New Hampshire Department of Environmental Services PO Box 95 Concord, NH 03302-0095

Re: Abatement and Demolition Observation and Documentation of Older Site Building Beede Waste Oil/Cash Energy Superfund Site, Plaistow, New Hampshire

Dear Mr. Minicucci:

This letter serves to summarize Sanborn, Head & Associates, Inc.'s (SHA's) monitoring and documentation of hazardous material abatement and demolition of the older Site building at the Beede Waste Oil/Cash Energy Superfund Site in Plaistow, New Hampshire (Site). Building demolition was performed by R.J. Olszak Construction, Inc. (Olszak) of Bridgewater, New Hampshire under contract with the New Hampshire Department of Environmental Services (NHDES). Prior to beginning building demolition an abatement was performed by Advanced Environmental Services (AES) of Concord, New Hampshire under contract to Olszak. AES removed hazardous materials including asbestos containing materials (ACM) and polychlorinated biphenyl (PCB) containing ballasts from lights located throughout the facility. The abatement was monitored by Covino Environmental Associates, Inc. (Covino) of Woburn, Massachusetts under contract to SHA. The demolition was performed in support of remedial investigation (RI) activities included in Task 3.3.1 listed in Section 5.0 of the RI Work Plan dated November 25, 1997.

SUMMARY OF OBSERVATIONS

Hazardous Material Abatement

Hazardous material abatement was completed between March 31, 1998 and April 14, 1998. The abatement activities are documented in a report by Covino entitled "Asbestos Abatement Project Monitoring at Beede Waste Oil, 7 Kelly (sic) Road, Plaistow, New Hampshire," dated May 7, 1998. The report is included as Appendix A.

Quantities of ACMs were estimated by Covino in a pre-abatement survey and documented in the report entitled "Asbestos-Containing Building Materials, Lead Based Paint, and Polychlorinated BiPhenyls Inspection at Beede Waste Oil / Cash Energy Site, 7 Kelly (sic) Road, Plaistow, New

Paul M. Sanborn

Charles L. Head
R. Scott Shillaber
Charles A. Crocetti
Mathew A. DiPilato
Daniel B. Carr
Duncan W. Wood

New Hampshire Department of Environmental Services	July 2, 1998
File No. 1371 \ Bldgdemo.rpt.wpd	Page 2

Hampshire," dated October 2, 1997. The May 7, 1998 report by Covino contains a list of the actual quantities of ACMs removed. The table below compares the actual quantities of ACMs removed versus the initial estimated quantities.

Location	Description of Material Removed	Actual Quantities of ACMs Removed (ft ²)	Initially Estimated Quantities of ACMs to be Removed (ft ²)
Office and Ethylene Glycol Area	White textured spray-applied ceiling material	2,000	1,500
Office Area	Brown brick pattern linoleum floor sheeting	650	650
Office Area	Brown square pattern linoleum floor sheeting	300	300
Boiler Room	White boiler packing insulation and demolition of the boiler	250	250
Roof	Black multi-layer paper/mastic adhesive material and black mastic roof flashing	8,000	6,000

The May 1998 report by Covino identifies two overages in the removal of ACMs; approximately 500 ft^2 of additional white textured spray-applied ceiling material and approximately 2,000 ft^2 of additional roofing material. The additional roofing material was due to the presence of layered roof systems on a portion of the building that was not evident at the time of the pre-abatement survey.

Air monitoring was performed during the ACM abatement in the following areas using National Institute for Occupational Safety and Health (NIOSH) method 7400, Issue 2, 8/15/94, Phase Contrast Microscopy (PCM):

- An area air sample was collected in the Office Area, next to the decontamination zone, during preparation work; and
- Area air samples were collected in the clean rooms of the decontamination zone, at critical barriers, and at the exterior of the building during ACM removal and final cleaning.

The analytical results of the area air samples indicated total airborne fiber concentrations below 0.01 fibers/cc, the level set by the New Hampshire Division of Public Health Services (NH DPHS) for air clearance following an asbestos abatement project.

A 30 cubic yard lined roll-off containing the ACMs was transported by Waste Management of New Hampshire, Inc. to their Turnkey Landfill in Rochester, New Hampshire (Turnkey) on April 15,

1998. A copy of the manifest for this shipment is included in an undated document prepared by Olszak entitled "Plaistow Beede Waste Oil/Cash Energy Site, EPA account # 025-044-2596-091-0515, State of NH - DES, Final Submittals,", hereafter referred to as the Olszak submittal. A copy of this document was provided to SHA by the NHDES for review and is included as Appendix B. A review of information provided by AES (included as Appendix C) indicates that the roll-off contained approximately 12 cubic yards of roofing material, and 32 drums and 43 bags of ACMs. According to AES, approximately 20 suspected PCB-containing ballasts were transported and disposed at TSI, Inc. in Concord, New Hampshire.

The pre-abatement survey by Covino identified lead-based paint (LBP) materials on painted surfaces of the building. In accordance with requirements set forth in 29 CFR 1926.59, Covino collected personal air samples from Mr. Ron Olszak during initial building demolition activities. Samples were analyzed for airborne lead. The results were provided to SHA in a letter report by Covino entitled "Analysis of Lead in Air Samples, Beede Waste Oil, 7 Kelly (sic) Road, Plaistow, New Hampshire" dated May 7, 1998, included as Appendix D. The report indicates that airborne lead was not detected.

Building Demolition

Demolition of the older Site building was completed between April 15 and 17, 1998 using a Case 9030 track-mounted excavator and two 100-cubic-yard capacity open top, live floor, box trailers. Six loads of demolition debris and metal were removed from the Site between April 15 and 20, 1998. These loads are summarized in the following table. Weight slips from Environmental Resource Return Corp. (ERRCO) in Epping, New Hampshire and Turnkey were included in the Olszak submittal (Appendix B). Olszak provided SHA with the weight slip for the disposal of metal at Max Cohen & Sons, Inc. Advanced Recycling, in Concord, New Hampshire. The weight slip is included as Appendix E.

Load No.	Date Removed	Description of Load	Destination of Load	Weight (tons)
1	April 15, 1998	Demolition Debris	ERRCO	22.20
2	April 16, 1998	Demolition Debris	ERRCO	11.00
3	April 17, 1998	Demolition Debris	Turnkey Landfill,	12.35
4	April 17, 1998	Demolition Debris	Turnkey Landfill,	14.88
5	April 17, 1998	Salvageable Metal	R.J. Olszak Construction, Inc.	No Weight Obtained
6	April 20, 1998	Scrap Metal	Max Cohen & Sons Concord, NH	13.80

New Hampshire Department of Environmental Services	July 2, 1998
File No. 1371 \ Bldgdemo.rpt.wpd	Page 4

Load number 3 was initially transported to ERRCO on April 16, 1998 but was rejected due to a large quantity of paper mixed in with the demolition debris. Load number 3 was returned to the Site and subsequently transported to Turnkey on April 17, 1998. Load number 4 was also transported to Turnkey due to high paper content. A weight slip was not provided for the load of salvageable metal removed by Olszak on April 17, 1998.

During the abatement activities, 10 to 20 gallons of water and oil sludge were discovered in a halftank inside the older Site building. AES transferred the material to a plastic lined 30-gallon fiber drum and moved it to the drum storage area behind the newer Site building for temporary storage. During the demolition activities, approximately 20 to 30 gallons of suspected antifreeze was discovered in a vertical storage tank located inside the older Site building. The suspected antifreeze was transferred to a 55-gallon drum and stored adjacent to the building for future disposal.

REVIEW OF OLSZAK SUBMITTALS

As part of documenting the abatement and demolition activities, SHA reviewed the Olszak submittal provided by NHDES. The following errors and omissions were noted ;

- The version of the manifest provided in the Olszak submittal for transport/disposal of hazardous materials (asbestos) has not been signed by the disposal facility.
- Weight slip No. 712628, documenting the disposal of materials at ERRCO, has a weigh-in time that precedes demolition activities at the Site. This weight slip was presumed to be for material un-related to the Site.
- No documentation provided for disposal of PCB ballasts at TSI, Inc.
- The specifications for demolition required lead TCLP testing for potential LBP material disposed by incineration or landfill. Demolition debris was disposed at Turnkey, however, no analytical data are provided in the Olszak submittal.
- Olszak provided SHA with a weight slip dated April 15, 1998 for the disposal of scrap metal at Max Cohen & Sons, Inc. Advanced Recycling in Concord, New Hampshire. This weight slip was presumed to be mis-dated, since Olszak did not remove scrap metal from the site until April 20, 1998.
- Copies of AES daily field notes are provided in the Olszak submittal for their activities on Site. Field notes are dated April 20, 21, 22, and 23, 1998, a time period when AES was not on Site. Based on a review of the information in the notes, they appear to be describing activities that occurred on April 13, 14, 15, and 16, 1998.

New Hampshire Department of Environmental Services File No. 1371 \ Bldgdemo.rpt.wpd July 2, 1998 Page 5

SHA has made several attempts to contact both AES and Olszack to rectify the aforementioned discrepancies. To date, we have not received responses from either contractor. We hope this information completes your records for the older Site building abatement and demolition. If there any questions please do not hesitate to call.

Very truly yours, SANBORN, HEAD & ASSOCIATES, INC.

Lutt & Nerman

fn James Z. Taylor Project Manager

Enclosures

Charles A. Crocetti, Ph.D, P.G. Principal

S:\data\1371\BLDGDEMO\Bldgdemo.rpt.wpd

APPENDIX A

ASBESTOS ABATEMENT PROJECT MONITORING AT BEEDE WASTE OIL 7 KELLY (sic) ROAD PLAISTOW, NEW HAMPSHIRE BY COVINO ENVIRONMENTAL ASSOCIATES, INC. OF WOBURN, MASSACHUSETTS MAY 7, 1998



May 7, 1998

Mr. Jim Taylor Sanborn, Head & Associates 6 Garvins Falls Road, Suite #1 Concord, New Hampshire 03301

Ref: Covino Project 98.00374 Asbestos Abatement Monitoring Beede Waste Oil 7 Kelly Road Plaistow, New Hampshire

Dear Mr. Taylor:

Enclosed please find the report which summarizes the air sampling and inspectional services provided by Covino Environmental Associates, Inc. (Covino) during an asbestos abatement project at Beede Waste Oil at 7 Kelly Road located in Plaistow, New Hampshire. The removal work was performed by Advanced Environmental Services (AES), an Asbestos Abatement Contractor, between March 31, 1998 and April 14, 1998.

If you should have any questions regarding this project, please call.

Sincerely, Covino Environmental Associates, Inc.

-cf. with regal Ward

Robert Thomson Industrial Hygiene Technician

RT/mjg Enc.

f:docs\lead asbestos\R1\98.00374



. .

300 Wildwood Avenue • Woburn, Massachusetts 01801 Tel 781.933.2555 • Fax 781.932.9402 • email covino@tiac.net

ASBESTOS ABATEMENT PROJECT MONITORING

AT

BEEDE WASTE OIL

7 KELLY ROAD

PLAISTOW, NEW HAMPSHIRE

Conducted for:

Sanborn, Head & Associates 6 Garvins Falls Road, Suite #1 Concord, New Hampshire 03301

Covino Project 98.00374

98.00374

٠

TABLE OF CONTENTS

SECTION		<u>PAGE</u>
1.	Introduction	1
2.	Methodology	. 3
3.	Project Overview	4
Appendix	A: Analytical Results of Air Samples	
Appendix	B: Asbestos Abatement Inspection Lists	
Appendix	C:	

Daily Field Notes



----:

-;

--,

--7

-٦

- -:

1. INTRODUCTION

Between March 31, 1998 and April 14, 1998, representatives of Covino Environmental Associates, Inc. (Covino) were on-site during an asbestos abatement project at Beede Waste Oil at 7 Kelly Road located in Plaistow, New Hampshire. The purpose of the site visits was to provide the following industrial hygiene services:

- pre-abatement inspection of the work area preparations;
- area air monitoring outside the work areas during the removal phase;
- on-site representation during removal to monitor contractor work practices and to document adherence to applicable regulations;
- post-abatement visual inspections, and clearance and post-abatement area air monitoring; and
- post-abatement visual reinspections following the dismantling of the work area preparations.

The Covino representatives who performed the project monitoring are trained as Asbestos Abatement Project Monitors through United States Environmental Protection Agency (US EPA)-approved asbestos training courses (Ken Upmann; Robert Thomson; Norman Geis). Advanced Environmental Services (AES) of Concord, New Hampshire was the Asbestos Abatement Contractor that conducted the abatement work.

The scope of work for the project included the removal of the following materials from office areas, a tunnel, the Boiler Room, and the roof of the abandoned building. Amounts of materials removed also are listed:

- approximately 2,000 square feet (ft²) of white textured spray-applied ceiling material from the office and the tunnel (tank) area;
- approximately 650 ft² of brown brick pattern linoleum floor sheeting from the office;
- approximately 300 ft² of brown square pattern linoleum floor sheeting from the office; and
- approximately 250 ft² of white boiler packing insulation and the demolition of the boiler in the Boiler Room.



1. <u>INTRODUCTION</u>(cont.)

The roofing material removed included the following amounts:

- approximately 6,000 ft² of black multi-layer paper/mastic adhesive material;
- black mastic roof flashing; and
- an additional 2,000 ft² of black multi-layer paper/mastic adhesive material.

Removal of materials from the interior of the building was performed within full containments with negative air pressure. Roofing material was removed while workers wore disposable suits and respirators. Waste was placed into bags, barrels, or a lined 30-yard open-top, roll off dumpster.

The report that follows contains an explanation of the air sampling and analytical methodology, and a project overview. Included as appendices are the analytical results of the air samples collected, a set of Asbestos Abatement Inspection Lists, and copies of the Daily Field Notes.



-

_

-7

2. METHODOLOGY

Air sample collection was performed using Gast vacuum pumps with variable flow orifices set to control flow rates at 6.0 to 12.0 liters per minute (lpm). A calibrated precision rotameter was used on each pump to determine the flow rate at the beginning and at the end of each sampling period. Samples were collected utilizing Type-AA filters (25-mm diameter, 0.8 um pore size) in three-piece cassettes in open-faced configurations. The cassettes were secured at heights of three to five feet above ground level and at 45 degree angles toward the ground. Sample analysis was performed in accordance with the National Institute for Occupational Safety and Health (NIOSH) 7400 Method, Issue 2, 8/15/94, Phase Contrast Microscopy (PCM). PCM analysis recognizes the presence of all types of fibers meeting specific size criteria and does not distinguish between asbestos and nonasbestos fibers.

The Covino laboratory is a successful participant in the American Industrial Hygiene Association (AIHA) Proficiency Analytical Testing (PAT) Program for airborne asbestos.

Results of air samples analyzed by PCM are reported in Appendix A as fibers per cubic centimeter of air (fibers/cc).



-

3. <u>PROJECT OVERVIEW</u>

Pre-abatement visual inspections were performed in the Office Area and in the Boiler Room prior to the start of removal. The preparations for each work area, with the exception of the roof work area, included the sealing of penetrations and openings out of the work areas. Three-chambered decontamination facilities (decons) were constructed in the Office Area, tunnel, and Boiler Room work areas. The walls and the floors in the work areas were not covered, with the exception of the walls and the floor in the Boiler Room work area. In this area, two layers of 6-mil thickness polyethylene sheeting (poly) were placed on the walls and on the floor. Two 2,000 cubic feet of air per minute (cfm) High Efficiency Particulate Air (HEPA) filtration units were installed in the Office Area work area, and one 2,000 cfm HEPA filtration unit was installed in the tunnel work area to provide negative air pressure relative to adjacent areas. A HEPA filtration unit was used in the Boiler Room work area to provide negative air pressure. Occupational Safety and Health Administration (OSHA)-specified asbestos warning signs were posted at the entrances to the work areas to exclude unauthorized personnel from entering. No work area preparations were performed for the removal of the roofing materials, with the exception of the posting of asbestos warning signs.

During abatement, the project was monitored on a full-time basis by Covino representatives. Daily monitoring included frequent inspections of the conditions of the containments and of the engineering controls for effectiveness, conducted from both inside and outside the containments. The work practices of the abatement contractor also were observed.

Air monitoring was conducted continuously during abatement activities for which the Covino representatives were requested to be on-site. An area air sample was collected in the Office Area, next to the equipment room of the decon, during preparation work. Area air samples also were collected in the clean rooms of the decons, at critical barriers, and at the exterior of the building during removal and fine cleaning. The analytical results of the area air samples collected indicated total airborne fiber concentrations below 0.01 fibers/cc. One area air sample collected at the exterior of the building next to the Garage door on the west side was voided due to a malfunction of the air sampling pump. The analytical result of another area air sample collected in this location indicated a total airborne fiber concentration below 0.01 fibers/cc.

Upon completion of abatement, visual inspections were conducted in the work areas until levels of no visible suspect debris detected were achieved. Linoleum backing that was unable to be abated and therefore remained adhered to the floor in the Office Area was encapsulated with gray floor paint. Following encapsulation and the observance of a drying period, clearance air sampling was conducted in the Office Area and the tunnel work areas using aggressive sampling techniques. The exhaust from a one-horsepower leafblower was directed at surfaces within the containments in an effort to agitate the air and to simulate "worst case" scenarios which may cause residual fibers to become airborne. A post-abatement area air sample was collected in the Boiler Room following the completion of the visual inspection.



.....

-

3. **PROJECT OVERVIEW** (cont.)

The analytical results of the aggressive clearance and post-abatement area air samples collected indicated total airborne fiber concentrations below 0.01 fibers/cc. This is the level required by the New Hampshire Division of Public Health Services (NH DPHS) for air clearance following an asbestos abatement project. The work area preparations were then able to be dismantled. Following the dismantling of the work area preparations, visual reinspections were performed in the work areas. No visible suspect debris was observed.

Significant Occurrences

.

On March 31, 1998, AES obtained temporary power for the work site from Sanborn, Head & Associates, Inc.'s (SHA) project trailer. The AES representative informed the Covino representative that the poly they had brought to the site the previous week apparently had been stolen. They would return to their shop to obtain a new supply.

On April 1, 1998, the Covino representative inquired if AES would be installing a second HEPA filtration unit in the Office Area work area. AES replied that they could install another unit, however they did not have a spare unit on-site on this date.

AES continued preparations on April 2, 1998, including the installation of a second HEPA filtration unit in the Office Area work area. However, an insufficient amount of power was available to operate the two HEPA filtration units and other necessary equipment. Therefore, the AES workers went to a hardware store to obtain supplies to increase the power. They returned to the site and extended a second power cord from the SHA trailer to the work area. The Covino representative entered the Office Area containment. He requested that additional water be used on the ceiling during abatement. AES complied with this request.

On April 6, 1998, AES left the work site at 8:30 am to obtain equipment for the removal of the adhered linoleum because the linoleum was not easily removed using hand scrapers. AES returned to the site at 9:15 am with a heat source to be used for the linoleum removal. The linoleum was melted and flamed, however it remained adhered to the substrate. AES again left the site to return the heat source and to obtain a mechanical scraper. They returned with a mechanical scraper at 10:00 am. The mechanical scraper appeared to be more efficient, however progress was very slow.

During roof abatement activities on April 7, 1998, approximately 2,000 ft² of additional roofing material was uncovered from beneath roof sheathing. This material was removed by AES.

On April 9, 1998, it was discovered that one barrel containing debris from the tunnel (tank) area may contain contaminants other than asbestos. The drum was separated from other drums.



3. <u>PROJECT OVERVIEW</u> (cont.)

Significant Occurrences (cont.)

The Covino representative spoke to the SHA representative on April 10, 1998 and informed him of the barrel containing contaminants from the tank in the tunnel (tank) area. The Covino representative inquired as to the procedure for disposing of the waste. The SHA representative requested that the Covino representative instruct AES to date and label the barrel, and store it in the metal building for disposal at a later date.

Included in the abatement activities was the removal of polychlorinated biphenyl (PCB)-containing ballasts from lights located throughout the facility. On April 14, 1998, the Covino representative noticed that several of the ballasts were marked "contains no PCB". He contacted the Covino Project Manager to inform him of this and to receive direction regarding the removal of the ballasts. The Covino Project Manager stated that non-PCB ballasts could remain in-place. Therefore, these ballasts were not removed from the facility. On this date, workers removed a drum of oil sludge and placed it into storage at the metal building.

<u>Visitors</u>

-1

On March 31, 1998, the Covino representative met with the SHA Project Engineer, Scott Nerney, and the owners of AES. He also met with a New Hampshire Department of Environmental Services (NH DES) Inspector, Robert P. Minicucci, II. The Covino representative later spoke with Jim Doherty of AES and Scott Nerney. Mr. Doherty informed the Covino representative that AES would be performing preparation work throughout the afternoon and during the morning of April 1, 1998. Mr. Nerney informed the Covino representative that his services probably would not be required during the afternoon of March 31, 1998 as no asbestos removal would be conducted.

On April 7, 1998, Steve Cullinane of the NH DES made a site visit. He met with the Covino representative and the AES representatives, Janet Millis and Jim Doherty. Mr. Cullinane informed the Covino representative that the mastic adhesive material located on the plywood roof sheeting could be disposed of as construction debris. Also, any residual debris from the linoleum flooring that could not be easily removed could remain in-place. No problems with the abatement activities were reported by Mr. Cullinane.

New Hampshire Waste Management was on-site on April 10, 1998 to deliver a 30-yard open-top dumpster for waste disposal. At 3:00 pm, a second Covino representative arrived on-site. He was informed of the progress of the project, as he would be on-site on April 13, 1998.



• •

APPENDIX A

ANALYTICAL RESULTS OF AIR SAMPLES

.

~---



_

----;

BEEDE WASTE OIL 7 KELLY ROAD PLAISTOW, NH

PROJECT : 98.00374 PAGE : A - 1

ANALYTICAL RESULTS OF AIR SAMPLES

	SAMPLE <u>DESCRIPTION</u>	SAMPLE VOLUME (LITERS)	TOTAL FIBER CONCENTRATION (FIBERS/CC)
	001 04/01/98 FIELD BLANK 0 FIBERS/100 FIELDS	0	N/A
_	002 04/01/98 FIELD BLANK 0 FIBERS/100 FIELDS	0	N/A
	003 04/01/98 AREA, IN OFFICE AREA NEXT TO EQUIPMENT ROOM, DURING PREPARATIONS	-	0.004
_	004 04/02/98 FIELD BLANK 0 FIBERS/100 FIELDS	· 0	N/A
	005 04/02/98 FIELD BLANK 0 FIBERS/100 FIELDS	0	N/A
	006 04/02/98 AREA, CLEAN ROOM OF DECON FOR OFFICES, DURING REMOVAL	1584	0.003
	007 04/02/98 AREA, AT CRITICAL BARRIER NEXT TO HEPA FILTRATION UNIT, BACK OFFICE, DURING REMOVAL	1593	< 0.003
л л	008 04/02/98 AREA, CLEAN ROOM OF DECON FOR OFFICES, DURING REMOVAL	900	< 0.005
	009 04/02/98 AREA, AT CRITICAL BARRIER NEXT TO HEPA FILTRATION UNIT, BACK OFFICE, DURING REMOVAL	918	< 0.005



I

5



• •

BEEDE WASTE OIL 7 KELLY ROAD PLAISTOW, NH

PROJECT : 98.00374 PAGE : A - 2

ANALYTICAL RESULTS OF AIR SAMPLES

	SAMPLE <u>DESCRIPTION</u>	SAMPLE VOLUME (LITERS)	TOTAL FIBER CONCENTRATION (FIBERS/CC)
	010 04/03/98 FIELD BLANK 0 FIBERS/100 FIELDS	0	N/A
	011 04/03/98 FIELD BLANK 0 FIBERS/100 FIELDS	0	N/A
	012 04/03/98 AREA, DECON CLEAN ROOM FOR OFFICES, DURING REMOVAL	-	< 0.003
	013 04/03/98 AREA, AT CRITICAL BARRIER NEXT TO HEPA FILTRATION UNIT, BACK OFFICE,	1519	< 0.003
.	DURING REMOVAL		
- -	014 04/03/98 AREA, DECON CLEAN ROOM FOR OFFICES, DURING REMOVAL	1477	< 0.003
.चा नी	015 04/03/98 AREA, AT CRITICAL BARRIER NEXT TO HEPA FILTRATION UNIT, BACK OFFICE, DURING REMOVAL	1470	< 0.003
्न	016 04/06/98 FIELD BLANK 0 FIBERS/100 FIELDS	0	N/A
्या	017 04/06/98 FIELD BLANK 0 FIBERS/100 FIELDS	0	N/A
	018 04/06/98 AREA, IN DECON CLEAN ROOM FOR OFFICES, DURING	1449	< 0.003
- -	REMOVAL		
•••	019 04/06/98 AREA, AT CRITICAL BARRIER NEXT TO HEPA FILTRATION UNIT, BACK OFFICE, DURING REMOVAL	1449	< 0.003



BEEDE WASTE OIL 7 KELLY ROAD PLAISTOW, NH

ANALYTICAL RESULTS OF AIR SAMPLES

_	SAMPLE <u>DESCRIPTION</u>	SAMPLE VOLUME (LITERS)	TOTAL FIBER CONCENTRATION (FIBERS/CC)
	020 04/06/98 AREA, IN DECON CLEAN ROOM FOR OFFICES, DURING REMOVAL	1666	< 0.003
·	021 04/06/98 AREA, AT CRITICAL BARRIER, NEXT TO HEPA FILTRATION UNIT, BACK OFFICE, DURING REMOVAL	-	< 0.003
	022 04/07/98 FIELD BLANK 0 FIBERS/100 FIELDS	. 0	N/A
7	023 04/07/98 FIELD BLANK 0 FIBERS/100 FIELDS	0	N/A
	024 04/07/98 AREA, CLEAN ROOM OF DECON FOR OFFICES, DURING REMOVAL	1659	0.003
	025 04/07/98 AREA, NEXT TO CRITICAL BARRIER, NEXT TO HEPA FILTRATION UNIT, OFFICE AREA, DURING REMOVAL	1659	0.006
л 	026 04/07/98 AREA, EXTERIOR OF BUILDING, NEXT TO GARAGE DOOR, SOUTH SIDE, DURING ROOF REMOVAL	1638	0.007
т г	027 04/07/98 AREA, EXTERIOR OF BUILDING, NEXT TO GARAGE DOOR, WEST SIDE, DURING ROOF REMOVAL	1372	0.004
्न	028 04/07/98 AREA, IN CLEAN ROOM OF DECON FOR OFFICES, DURING REMOVAL	1365	< 0.003



-

. 5

BEEDE WASTE OIL 7 KELLY ROAD PLAISTOW, NH

PROJECT : 98.00374 PAGE : A - 4

ANALYTICAL RESULTS OF AIR SAMPLES

-7	SAMPLE DESCRIPTION	SAMPLE VOLUME (LITERS)	TOTAL FIBER CONCENTRATION (FIBERS/CC)
	029 04/07/98 AREA, NEXT TO CRITICAL BARRIER, NEXT TO HEPA FILTRATION UNIT, REAR OFFICE, DURING REMOVAL	1365	0.005
•	030 04/07/98 AREA, EXTERIOR OF BUILDING, NEXT TO GARAGE DOOR, SOUTH SIDE, DURING ROOF REMOVAL	1365	0.006
	031 04/07/98 AREA, EXTERIOR OF BUILDING, NEXT TO GARAGE DOOR, WEST SIDE, DURING ROOF REMOVAL	. 0	VOID
-7	032 04/08/98 FIELD BLANK 0 FIBERS/100 FIELDS	0	N/A
Ξ	033 04/08/98 FIELD BLANK 0 FIBERS/100 FIELDS	0	N/A
त	034 04/08/98 AREA, IN CLEAN ROOM OF DECON, OFFICE AREA, DURING FINAL CLEANING	1715	0.004
-7	035 04/08/98 AREA, AT CRITICAL BARIER NEXT TO HEPA FILTRATION UNIT, BACK OFFICE, DURING FINAL CLEANING	1715	0.004
	036 04/08/98 AREA, EXTERIOR NEXT TO GARAGE DOOR, SOUTH SIDE, DURING REMOVAL	1729	0.003
н н	037 04/08/98 AREA, CLEAN ROOM OF DECON, OFFICE AREA, DURING FINAL CLEANING	1365	0.006
		• • •	



-T LOCATION:

-7

BEEDE WASTE OIL 7 KELLY ROAD PLAISTOW, NH

PROJECT : 98.00374 PAGE : A - 5

ANALYTICAL RESULTS OF AIR SAMPLES

	SAMPLE <u>DESCRIPTION</u>	SAMPLE VOLUME (LITERS)	TOTAL FIBER CONCENTRATION (FIBERS/CC)
	038 04/08/98 AREA, AT CRITICAL BARRIER NEXT TO HEPA FILTRATION UNIT, BACK OFFICE, DURING FINAL CLEANING	1372	0.004
	039 04/08/98 AREA, EXTERIOR NEXT TO GARAGE DOOR, SOUTH SIDE, DURING ROOF REMOVAL	1365	0.004
7 .	040 04/08/98 AGGRESSIVE CLEARANCE, FRONT OFFICE, AFTER REMOVAL	1080	0.008
-7	041 04/08/98 AGGRESSIVE CLEARANCE, MAIN ENTRANCE AREA. AFTER REMOVAL	1080	0.006
:	042 04/09/98 FIELD BLANK 1 FIBER/100 FIELDS	0	N/A
=	043 04/09/98 FIELD BLANK 0 FIBERS/100 FIELDS	0	N/A
	044 04/09/98 AREA, IN CLEAN ROOM OF DECON FOR TUNNEL (TANK) WORK AREA, DURING REMOVAL	1736	< 0.003
	045 04/09/98 AREA, EXTERIOR OF BUILDING, SOUTH SIDE, DURING ROOF REMOVAL	1736	< 0.003
	046 04/09/98 AREA, IN CLEAN ROOM OF DECON, TUNNEL (TANK) WORK AREA, DURING REMOVAL	1260	< 0.004



·---.

.

BEEDE WASTE OIL 7 KELLY ROAD PLAISTOW, NH

PROJECT : 98.00374 PAGE : A - 6

ANALYTICAL RESULTS OF AIR SAMPLES

	SAMPLE <u>DESCRIPTION</u>	SAMPLE VOLUME (LITERS)		ER CONCENTRATION IBERS/CC)
• •	047 04/09/98 AREA, EXTERIOR OF BUILDING, SOUTH SIDE, DURING ROOF REMOVAL	1260	<	0.004
	048 04/10/98 FIELD BLANK 0 FIBERS/100 FIELDS	0		N/A
	049 04/10/98 FIELD BLANK 1 FIELD/100 FIBERS	0		N/A
	050 04/10/98 AGGRESSIVE CLEARANCE, TUNNEL (TANK) AREA, AFTER REMOVAL	1208	<	0.004
	051 04/10/98 AGGRESSIVE CLEARANCE, TUNNEL (TANK) AREA, AFTER REMOVAL	. 1248	<	0.004
	052 04/14/98 FIELD BLANK 0 FIBERS/100 FIELDS	0		N/A
	053 04/14/98 FIELD BLANK 0 FIBERS/100 FIELDS	0		N/A
	054 04/14/98 POST-ABATEMENT AREA, BOILER ROOM, AFTER REMOVAL	1080	<	0.005
				
	QUANTIFICATION LEVEL : 1 MICROSCOPE FIELD AREA : 0	0 FIBERS/100 FIELDS 0.00785 MM ²		
• •	THE RESULTS WERE BLANK C	ORRECTED.		
		T THE COVINO LABORATORY FOR A UST BE REQUESTED WITHIN THIS		
	LABORATORY CERTIFICATION	I #MA #AA000006	///	114

LABORATORY SUPERVISOR



=

- - J

arr. 18

APPENDIX B

ASBESTOS ABATEMENT INSPECTION LISTS

٠

•



2...

. ---;

• ;

73

~4

-

7

13

17

777

7

Covino Environmental Associates, Inc.

Date: 4-1-98

Contractor: Ac	Wanced Environmental	Services
Supervisor:		•
# of Workers:	2.	

•

	AREA DESCRIPTION - BLDG., ROOM NAME/#, CONTAINMENT DESIGNATION
	attice Area.
DECONTAMINATION FACILITY AND PAPERWORK:	
Are there at least 3 chambers? If not, how many?	
Are there flaps between each chamber?	
Is shower working?	
Proper drain (filtered)?	
Hot and cold water?	
Is a separate decon for bag removal set-up?	
Are entrances posted with warning signs?	
Are required notifications on-site?	
Is there a sign-in log on-site?	
Are workers medicals/fit test records current?	· · · · · · · · · · · · · · · · · · ·
Are emergency numbers/procedures posted?	
WORK AREA: Approximate size in ft ² :	1500 FE
Are walls covered? How many layers/thickness of poly?	N
Is floor covered? How many layers/thickness of poly?	
Are floor drains covered?	NA
Are all penetrations/openings out of work area sealed?	
Will glovebags be used?/If yes, are they hung properly?	WA
Are emergency exits marked?	
Have moveable objects been removed from the work area?	
Are immovable objects covered with poly?	
Are there HEPA filter-equipped air filtration units?	N contaminuted to Be cleaned
How many?x cfm	2x2000
Are they exhausting directly out of building?	
Are HEPA units kept as far from decon as possible?	<u>↓ </u>
Does there appear to be sufficient negative pressure?	
Are electrical systems turned off?	contrinnent not complete
is there GFCI protection on all circuits?	├
Are HVAC systems turned off/tagged out?	<u> </u>
Are grills covered? / Duct seams taped?	NA

.

Project Number: 98-00374

Project Monitor F. Thomson

Client <u>Sunborn</u>, Head & Assoc. Project Location: <u>Thered & Assoc</u>. DEEDE Weste Oil Thestory.

ŭ∙₩

Comments

•_4

.

: **T**

uτ

DAILY INSPECTION OF WORK PRACTICES - To be completed every day during removal and final cleaning.

· · · · · · · · · · · · · · · · · · ·	ARE	A DESCRIPTION	- BLDG., ROOM N	IAME/#, CONT	AINMENT DESIGNATION
	STr NO KO	ne.			
Is material being wetted before removal?	NOKO	moral			
Is a wetting agent being used?	1				
Is any material on floor being kept wet?					
Is material on floor being bagged promptly?					
Is the area being misted?					
Is work area cleaned at the end of the shift?					
Is water leaking out of the work area?					
Is the glovebag method in use?/If yes, is method acceptable?					
Are workers wearing respirators?					
If yes, which type?					
Are workers wearing disposable coveralls?					
Are workers wearing protective boots?					
Are workers wearing protective bonnets/hoods?					
Are workers wearing gloves?			·		
Are workers removing coveralls before entering shower?					
Are workers showering adequately?					
Are bags of debris properly labelled?					
Are they clean?					
Are they double-bagged?					
Are sharp objects being placed in tear-proof bags or drums?					
Are transport vehicles/dumpsters labelled?					
Has chain of custody form been initiated for waste ransport?	`	L		•	
AILY SUMMARIES:			•• ••	· · · · · · · · · · · · · · · · · · ·	· · · · · · · · · · · · · · · · · · ·
	•				· · · ·
	<u> </u>	<u> </u>			•••••••
·		•••••••			
			<u> </u>	<u> </u>	· · · · · · · · · · · · · · · · · · ·
mmary of air sample results (If any > 0.01 fibers/cc, explain):					
·		<u>.</u>			
			•		
	·		<u></u>	•	
st and explain any problems or important events that occurred to	oday:			-	
			••••••••••••••••••••••••••••••••••••••		

.

1.4

ASBESTOS ABATEMENT INSPECTION LIST

Covino Environmental Associates, Inc.

·

.

Project Number: 96-00374____ Project Monitor: <u>D. Themacon</u>. Client: <u>Suborn Herd Nooc</u>, <u>Supervisor: Graph (J)</u>. Project Location: <u>Force</u> <u>hashe</u> <u>O</u>(1), # of Workers: <u>Z</u>, Pasto NH.

Date: 4-7-98

ø	AREA DESCRIPTION - BLDG., ROOM NAME/#, CONTAINMENT DESIGNATION		
DECONTAMINATION FACILITY AND PAPERWORK:	Office Avea		
Are there at least 3 chambers? If not, how many?	м		
Are there flaps between each chamber?			
Is shower working?	<u>у</u>		
Proper drain (filtered)?			
Hot and cold water?			
Is a separate decon for bag removal set-up?	N		
Are entrances posted with warning signs?	У		
Are required notifications on-site?			
Is there a sign-in log on-site?	<u> </u>		
Are workers medicals/fit test records current?			
Are emergency numbers/procedures posted?			
WORK AREA: Approximate size in ft ² :	1500		
Are walls covered? How many layers thickness of poly?	N		
Is floor covered? How many layers/thickness of poly?	NA		
Are floor drains covered?	NA		
Are all penetrations/openings out of work area sealed?	Ч		
Will glovebags be used?/If yes, are they hung properly?	NA		
Are emergency exits marked?	4		
Have moveable objects been removed from the work area?	N		
Are immovable objects covered with poly?	N Contaminated		
Are there HEPA filter-equipped air filtration units?	Y		
How many? x cfm	Zxz000 Cfm,		
Are they exhausting directly out of building?	4		
Are HEPA units kept as far from decon as possible?	Ч		
Does there appear to be sufficient negative pressure?	4		
Are electrical systems turned off?	l y		
Is there GFCI protection on all circuits?			
Are HVAC systems turned off/tagged out?	I Y		
Are grills covered? / Duct seams taped?			

Comments_

3

. .

7-1

	AREA DESCRIPTION - BLDG., ROOM NAME/#, CONTAINMENT DESIGNATION		
	gimen		
Is material being wetted before removal?	Y		
Is a wetting agent being used?			
Is any material on floor being kept wet?			
Is material on floor being bagged promptly?			
Is the area being misted?			
Is work area cleaned at the end of the shift?			
Is water leaking out of the work area?			······································
Is the glovebag method in use?/If yes, is method acceptable?	NA		
Are workers wearing respirators?	N		
If yes, which type?	V-face neg,		
Are workers wearing disposable coveralls?	<u> </u>		
Are workers wearing protective boots?			·····
Are workers wearing protective bonnets/hoods?		•	······································
Are workers wearing gloves?	· · · ·		
Are workers removing coveralls before entering shower?	7		
Are workers showering adequately?	<u> </u>		
Are bags of debris properly labelled?	······		
Are they clean?			
Are they double-bagged?	7		
	<u> </u>		
Are share objects being placed in tear-proof bags or dours?			
	<u> </u>		
Are transport vehicles/dumpsters labelled?	<u>ч'</u>		· · · · · · · · · · · · · · · · · · ·
Are transport vehicles/dumpsters labelled? Has chain of custody form been initiated for waste transport? ALLY SUMMARIES:		oor & Rema	eval of Ceilings.
Are transport vehicles/dumpsters labelled? Has chain of custody form been initiated for waste transport? AILY SUMMARIES: pe/phase of abatement completed today: <u>CEGNUP</u> O		oor & Rens	eval of Ceilings.
Are transport vehicles/dumpsters labelled? Has chain of custody form been initiated for waste transport? AILY SUMMARIES: pe/phase of abatement completed today: <u>CEGNUP</u> O		oor & Rens	eval of Ceilings
Are transport vehicles/dumpsters labelled? Has chain of custody form been initiated for waste transport? AILY SUMMARIES: pe/phase of abatement completed today: <u>CEGNUP</u> O		oor & Rens	val cf (eilings.
Are transport vehicles/dumpsters labelled? Has chain of custody form been initiated for waste transport? AILY SUMMARIES: pe/phase of abatement completed today: <u>Clean UP</u> OF			•
Are transport vehicles/dumpsters labelled? Has chain of custody form been initiated for waste transport? AILY SUMMARIES: pe/phase of abatement completed today: <u>CEANUP</u> OF mmary of air sample results (If any > 0.01 fibers/cc, explain):			•
Are transport vehicles/dumpsters labelled? Has chain of custody form been initiated for waste transport? AILY SUMMARIES: pe/phase of abatement completed today: <u>CESNUP</u>			•
mmary of air sample results (If any > 0.01 fibers/cc, explain):			•
Are transport vehicles/dumpsters labelled? Has chain of custody form been initiated for waste transport? AILY SUMMARIES: pe/phase of abatement completed today: <u>CEGNUP</u> OF mmary of air sample results (If any > 0.01 fibers/cc, explain):			•
Are transport vehicles/dumpsters labelled? Has chain of custody form been initiated for waste transport? AILY SUMMARIES: pe/phase of abatement completed today: <u>CEGNUP</u> OF mmary of air sample results (If any > 0.01 fibers/cc, explain):			•
Are transport vehicles/dumpsters labelled? Has chain of custody form been initiated for waste transport? AILY SUMMARIES: pe/phase of abatement completed today: <u>CEGNUP</u> OF mmary of air sample results (If any > 0.01 fibers/cc, explain):	lay:		•
Are transport vehicles/dumpsters labelled? Has chain of custody form been initiated for waste transport? AILY SUMMARIES: pe/phase of abatement completed today: <u>CEGNUP</u> OF mmary of air sample results (If any > 0.01 fibers/cc, explain): t and explain any problems or important events that occurred too	lay:		•
Are transport vehicles/dumpsters labelled? Has chain of custody form been initiated for waste transport? AILY SUMMARIES: pe/phase of abatement completed today: <u>CEGNUP</u> OF mmary of air sample results (If any > 0.01 fibers/cc, explain): t and explain any problems or important events that occurred too	lay:		•
Are transport vehicles/dumpsters labelled? Has chain of custody form been initiated for waste transport? AILY SUMMARIES: pe/phase of abatement completed today: <u>CEGNUP</u> OF mmary of air sample results (If any > 0.01 fibers/cc, explain): t and explain any problems or important events that occurred too	lay:		•

• •

ASDESIUS ABAILMENT INSPECTION LIST

۱.

Covino Environmental Associates, Inc.

. . * .-

Project Number: 96-00374 Project Monitor: 5, Therrica. Client: Sarborn Head (Assoc Project Location: Beedle haste oil (coth energy Master Nith.

Date: 4-5-	98
Contractor: AE	S
Supervisor. Jan	+ millis
# of Workers: 2	2

-

•

•

Ŧ			BLDG., ROOM NAME/#, CONT.	AINMENT DESIGNATION
		office prea		
	DECONTAMINATION FACILITY AND PAPERWORK:			
- . .	Are there at least 3 chambers? If not, how many?	V		
	Are there flaps between each chamber?	- 4		
*	Is shower working?	· · ·		
	Proper drain (filtered)?	N N		·
	Hot and cold water?	N. 1		
	Is a separate decon for bag removal set-up?	W		
	Are entrances posted with warning signs?	Ч		
	Are required notifications on-site?	Ч		
	Is there a sign-in log on-site?	Υ΄		
	Are workers medicals/fit test records current?	<u>м</u>		
-7	Are emergency numbers/procedures posted?	1		
	WORK AREA: Approximate size in ft ² :	1500		
׿	Are walls covered? How many layers/thickness of poly?	n.		· ·
	Is floor covered? How many layers/thickness of poly?	NA		
	Are floor drains covered?	NA		· · · · ·
	Are all penetrations/openings out of work area sealed?	4		
Ĩ	Will glovebags be used?/If yes, are they hung properly?	ANA .		
	Are emergency exits marked?	\sim		
	Have moveable objects been removed from the work area?	N		
	Are immovable objects covered with poly?	îV.		
	Are there HEPA filter-equipped air filtration units?	<u>y</u>		
ſ	How many?x cfm	2 x 2000		
٦	Are they exhausting directly out of building?	Y		
	Are HEPA units kept as far from decon as possible?			
- 2	Does there appear to be sufficient negative pressure?	ل ک		
	Are electrical systems turned off?	Y Y		
	Is there GFCI protection on all circuits?			
Ī	Are HVAC systems turned off/tagged out?	n)A		
	Are grills covered? / Duct seams taped?	NA		

d - 6

Comments

×-<u>2</u>

Design of the second of the se

		- BLDG., ROOM NAME/#, CON	1
	Gme-		
Is material being wetted before removal?			
Is a wetting agent being used?			
Is any material on floor being kept wet?			
is material on floor being bagged promptly?	+		· · · ·
s the area being misted?			
s work area cleaned at the end of the shift?	+		
s water leaking out of the work area?	4		
s the glovebag method in use?/If yes, is method acceptable?	N NA	· · · · · · · · · · · · · · · · · · ·	
Are workers wearing respirators?			
If yes, which type?	Veface new,		
are workers wearing disposable coveralls?	Y THUE MEG,		
re workers wearing protective boots?	<u> </u>		
re workers wearing protective bonnets/hoods?	<u>↓ </u>		
re workers wearing gloves?	<u> </u>		
re workers removing coveralls before entering shower?	<u> </u>		
re workers showering adequately?	<u> </u>		
re bags of debris properly labelled?	<u> </u>	· · · · · ·	
Are they clean?			
Are they double-bagged?	<u> </u>		• ine
re sharp objects being placed in tear-proof bags or drums?	<u> </u>		and the second
re transport vehicles/dumpsters labelled?	<u> </u>	+ <u>.</u>	20 0 A.S. (1997)
as chain of custody form been initiated for waste			n og sog ganger som de server og som de se Server og som de server og
ansport?	the second second	an the first of the second second Second second	
ILY SUMMARIES:		y a bit server a transformer server serv The server ser	محملاً و المراجع جواهد المالو حود الحد الحميق و المالي
	of Ceiling - and	debara- fla	a na sa ang tang tang tang tang tang tang tang
	·····		
	· · · · · · · · · · · · · · · · · · ·		
			ر ه ه و
mary of air sample results (If any > 0.01 fibers/cc, explain):	NILLOUD	<u>// C</u>	
	· · · · · · · · · · · · · · · · · ·		ne policie de la composición de la comp
		<u>.</u>	
	·		
and explain any problems or important events that occurred	today:	•	
			· · ·

ASBESTOS ABATEMENT INSPECTION LIST

Covino Environmental Associates, Inc.

•

Project Number: 48-00374 Project Monifor: X- Lemga Contractor: NES Client Santon Degd & Aboc Supervisor: Engt Millis Project Location: Boal COIL

Date: 4-6-98 # of Workers: Z

	AREA DESCRIPTION - BLDG., ROOM NAME/#, CONTAINMENT DESIGNATION
DECONTAMINATION FACILITY AND PAPERWORK:	Africe Aver.
Are there at least 3 chambers? If not, how many?	
Are there flaps between each chamber?	
Is shower working?	
Proper drain (filtered)?	Y I
Hot and cold water?	N
Is a separate decon for bag removal set-up?	\sim
Are entrances posted with warning signs?	Y
Are required notifications on-site?	Σ
Is there a sign-in log on-site?	
Are workers medicals/fit test records current?	
Are emergency numbers/procedures posted?	
WORK AREA: Approximate size in ft ² :	1500
Are walls covered? How many layers/thickness of poly?	N
Is floor covered? How many layers/thickness of poly?	Aury
Are floor drains covered?	NiA
Are all penetrations/openings out of work area sealed?	Y
Will glovebags be used?/If yes, are they hung properly?	
Are emergency exits marked?	N
Have moveable objects been removed from the work area?	W
Are immovable objects covered with poly?	\sim
Are there HEPA filter-equipped air filtration units?	Y
How many? x cfm	ZXZCOO
Are they exhausting directly out of building?	7
Are HEPA units kept as far from decon as possible?	<u> </u>
Does there appear to be sufficient negative pressure?	
Are electrical systems turned off?	
Is there GFCI protection on all circuits?	
Are HVAC systems turned ofDtagged out?	N PA
Are grills covered? / Duct seams taped?	∼A l

1 . r

. - 1

. .

Comments

-

.

	AREA DESCRIPTION - BLDG., ROOM NAME/#, CONTAINMENT DESIGNATION		
	gine.		
Is material being wetted before removal?	M		
Is a wetting agent being used?	N		
Is any material on floor being kept wet?			
Is material on floor being bagged promptly?			
Is the area being misted?	T N		
is work area cleaned at the end of the shift?	Y		
is water leaking out of the work area?	N		
s the glovebag method in use?/If yes, is method acceptable?	N1VA		
Are workers wearing respirators?	M		
If yes, which type?	Ychare		
Are workers wearing disposable coveralls?	T ML		
Are workers wearing protective boots?	1		
Are workers wearing protective bonnets/hoods?			
tre workers wearing gloves?			
are workers removing coveralls before entering shower?			
tre workers showering adequately?			
re bags of debris properly labelled?			
Are they clean?			
Are they double-bagged?			·
re sharp objects being placed in tear-proof bags or drums?			
re transport vehicles/dumpsters labelled?	1		
as chain of custody form been initiated for waste transport?			
ULY SUMMARIES: pe/phase of abatement completed today: <u>Remove</u>]	of Linder	nttor a	e-m
nmary of air sample results (If any > 0.01 fibers/cc, explain):	AII 20,015	(`	
		· · · · · · · · · · · · · · · · · · ·	
and explain any problems or important events that occurred to			
		· · ·	

· 7

ASBESTOS ABATEMENT INSPECTION LIST

Covino Environmental Associates, Inc.

Project Number: 98-00374 Project Monitor: X Lange -Client: Darten NeCO & AGSOC -Project Location. Free CON (966 C rorg 4 21067 F.W. N/1

9K Date: 21-Contractor: 14 Supervisor: Javp + MM10 # of Workers:

	AREA DESCRIPTION	BLDG., ROOM NAME/#, CONTA	INMENT DESIGNATION
	And	1 Prof	
DECONTAMINATION FACILITY AND PAPERWORK:	fren		
Are there at least 3 chambers? If not, how many?	Y	NA	
Are there flaps between each chamber?		1	
Is shower working?			
Proper drain (filtered)?	₩.		
Hot and cold water?	ĸ		
Is a separate decon for bag removal set-up?	Ŋ	\checkmark	
Are entrances posted with warning signs?		4	
Are required notifications on-site?			
Is there a sign-in log on-site?			
Are workers medicals/fit test records current?		ЧЧ	
Are emergency numbers/procedures posted?	X =	y y	
WORK AREA: Approximate size in ft ² :	15007EC	COCOFF	
Are walls covered? How many layers thickness of poly?	N,	NA	
Is floor covered? How many layers/thickness of poly?		1	
Are floor drains covered?	Ann		
Are all penetrations/openings out of work area sealed?	9		
Will glovebags be used?/If yes, are they hung properly?	nA		
Are emergency exits marked?	N		
Have moveable objects been removed from the work area?	n		
Are immovable objects covered with poly?	N		
Are there HEPA filter-equipped air filtration units?			
How many? x cfm	7×5000		
Are they exhausting directly out of building?	7		
Are HEPA units kept as far from decon as possible?			
Does there appear to be sufficient negative pressure?			
Are electrical systems turned off?			
Is there GFCI protection on all circuits?			
Are HVAC systems turned of tagged out?			
Are grills covered? / Duct seams taped?		Ψ	

_

۲...

Comments

.

Э

7

. ---

DAILY INSPECTION OF WORK PRACTICES - To be completed every day during removal and final cleaning

DAILY INSPECTION OF WORN PRACTICES - To be compl		- BLDG., ROOM NAME/#, CON	TAINMENT DESIGNATION
	Afre	Rad .	
Is material being wetted before removal?	<u> </u>	Y	
Is a wetting agent being used?	N	Ŵ	
Is any material on floor being kept wet?	М	WN	
Is material on floor being bagged promptly?	4	N.	
Is the area being misted?	(n)	NA	
Is work area cleaned at the end of the shift?	1		
Is water leaking out of the work area?	N	Ŵ	
Is the glovebag method in use?/If yes, is method acceptable?	T ni	N	
Are workers wearing respirators?	M	4	
If yes, which type?	1/2-face	172 face	
Are workers wearing disposable coveralls?	7-	Ý Í	
Are workers wearing protective boots?	\checkmark	1 ×	
Are workers wearing protective bonnets/hoods?	~ ~	4	
Are workers wearing gloves?	N		
Are workers removing coveralls before entering shower?		\sim	
Are workers showering adequately?	M	4	
Are bags of debris properly labelled?		1	
Are they clean?			
Are they double-bagged?			
Are sharp objects being placed in tear-proof bags or drums?			
Are transport vehicles/dumpsters labelled?			
Has chain of custody form been initiated for waste transport?	V	4	
DAILY SUMMARIES: Type/phase of abatement completed today: <u>Revuole</u> IN AFICE AVEC	1 of Rotin	g Sustems.	Fine (banin
		· · · · · · · · · · · · · · · · · · ·	······
	, 		
Summary of air sample results (If any > 0.01 fibers/cc, explain):	A11 20,018		
			<u></u>
list and explain any problems or important events that occurred tod	lay:		
ist and explain any problems or important events that occurred tod	iay:		
ist and explain any problems or important events that occurred tod	iay:		
ist and explain any problems or important events that occurred too	lay:		
	iay:		
List and explain any problems or important events that occurred tod	iay:		

٠

ASBESTOS ABATEMENT INSPECTION LIST

.

Covino Environmental Associates, Inc.

Project Number: B-00374 Project Monitor: Non-en-Client: Schoon Hood A 19592 Project Location: See OP Gil/Cash ereart

Date: 84-8-98 Contractor: NE Supervisor. Knnet Millis # of Workers:

	AREA DESCRIPTION - BLDG., ROOM NAME/#, CONTAINMENT		
DECONTAMINATION FACILITY AND PAPERWORK:	office Brea	Rack ,	
Are there at least 3 chambers? If not, how many?	N	NA	
Are there flaps between each chamber?	N		
Is shower working?	1		
Proper drain (filtered)?			
Hot and cold water?	N		
Is a separate decon for bag removal set-up?	N		
Are entrances posted with warning signs?	M	.1	
Are required notifications on-site?	~1	Ţ	
Is there a sign-in log on-site?			
Are workers medicals/fit test records current?			
Are emergency numbers/procedures posted?	4	4	
WORK AREA: Approximate size in ft ² :	500	(.080.)	
Are walls covered? How many layers/thickness of poly?	N	NA	
Is floor covered? How many layers/thickness of poly?	NA	K	
Are floor drains covered?	NA		
Are all penetrations/openings out of work area sealed?			
Will glovebags be used?/If yes, are they hung properly?			
Are emergency exits marked?	N		
Have moveable objects been removed from the work area?	S →		
Are immovable objects covered with poly?	ĺ N		
Are there HEPA filter-equipped air filtration units?	2		
How many? x cfm	ZX2000		
Are they exhausting directly out of building?	Y		
Are HEPA units kept as far from decon as possible?	Ý		
Does there appear to be sufficient negative pressure?	Ý		
tre electrical systems turned off?	. 4		
s there GFCI protection on all circuits?	4		
we HVAC systems turned ofDtagged out?	6		
Are grills covered? / Duct seams taped?	U U		

Comments

•<u>-+</u>

or a construction of the second second on the second s

	AREA DESCRIPTION - BLDG., ROOM NAME/#, CONTAINMENT DESIGNATION		
	Same.	Some_	
Is material being wetted before removal?	Ranaval complete	N N	
Is a wetting agent being used?			
Is any material on floor being kept wet?			
Is material on floor being bagged promptly?			
Is the area being misted?			
Is work area cleaned at the end of the shift?			
Is water leaking out of the work area?			
Is the glovebag method in use?/If yes, is method acceptable?			
Are workers wearing respirators?	Hatere y	\sim	
If yes, which type?	Frace	trace.	
Are workers wearing disposable coveralls?		N N	
Are workers wearing protective boots?		4	
Are workers wearing protective bonnets/hoods?		4	
Are workers wearing gloves?		4	
Are workers removing coveralls before entering shower?		Ý	
Are workers showering adequately?		ý	
Are bags of debris properly labelled?			
Are they clean?		4	
Are they double-bagged?			
Are sharp objects being placed in tear-proof bags or drums?			
Are transport vehicles/dumpsters labelled?		4	
Has chain of custody form been initiated for waste transport?		· ~	

1Par La CE

41

ଦ

10

C

- Key: Y = Yes N = No

Type/phase of abatement completed today:

List and explain any problems or important events that occurred today:____

Runing / Visual

ADDEDIUS ADATEMENT INSPECTION LIST

Covino Environmental Associates, Inc.

Project Number 96-00374 Project Monitor R. Themsen-Client: <u>Sundern Accol & Vissoc.</u> Project Location: <u>Reede Nestroil</u> CashEnergy.

Date: 4-9-98 Contractor: AES Supervisor. Jannet millig # of Workers: Σ

	AREA DESCRIPTION - BLDG., ROOM NAME/#, CONTAINMENT DESIGNATION			
DECONTAMINATION FACILITY AND PAPERWORK:	Tank area	Trop.		
Are there at least 3 chambers? If not, how many?	4	NA		
Are there flaps between each chamber?	- 9			
Is shower working?				
Proper drain (filtered)?				
Hot and cold water?	N			
Is a separate decon for bag removal set-up?	Ň		1	
Are entrances posted with warning signs?	4	Y		
Are required notifications on-site?		1 Y	· ·	
Is there a sign-in log on-site?		Ч		
Are workers medicals/fit test records current?				
Are emergency numbers/procedures posted?			1	
WORK AREA: Approximate size in ft ² :	300 FEZ	CCCCFEZ		
Are walls covered? How many layers/thickness of poly?	N	WA	· · · · · · · · · · · · · · · · · · ·	
Is floor covered? How many layers/thickness of poly?	NA	NA		
Are floor drains covered?	NA	WA		
Are all penetrations/openings out of work area sealed?	4	NA	· ·	
Will glovebags be used?/If yes, are they hung properly?	NA	- NA		
The emergency exits marked?	2	WA		
Iave moveable objects been removed from the work area?	<u> </u>	NA		
are immovable objects covered with poly?	N N	WA		
re there HEPA filter-equipped air filtration units?		10.1 V9	•	
How many? x cfm	1xzcco	NA NA		
Are they exhausting directly out of building?	<u></u>	NA NA		
THE HEPA units kept as far from decon as possible?		NA		
bes there appear to be sufficient negative pressure?	<u> </u>	NA		
re electrical systems turned off?		NA		
there GFCI protection on all circuits?	¥	MA		
re HVAC systems turned off/tagged out?	<u>/</u>	NA		
Are grills covered? / Duct seams taped?	<u>_</u>	NA		

•

• · · ·

Comments

т

*---

. • ---¢ DAILY INSPECTION OF WORK PRACTICES - To be completed every day during removal and final cleaning.

	AREA DESCRIPTIO	N - BLDG., ROOM NAME/#, CON	TAINMENT DESIGNATIO
· · ·	Tantaren	Fact	
Is material being wetted before removal?	Y	N	
Is a wetting agent being used?	Ň	N	
Is any material on floor being kept wet?	Ч <u>ч</u>	NA	
Is material on floor being bagged promptly?	Υ' Υ'	N,	
Is the area being misted?	У		
Is work area cleaned at the end of the shift?	Ч Ч		
Is water leaking out of the work area?	Ň		
Is the glovebag method in use?/If yes, is method acceptable?	NA		
Are workers wearing respirators?	Y	Ч	
If yes, which type?	Yz Coice	Yz Gace	
Are workers wearing disposable coveralls?	YI	4	
Are workers wearing protective boots?			
Are workers wearing protective bonnets/hoods?			
Are workers wearing gloves?			
Are workers removing coveralls before entering shower?	·		
Are workers showering adequately?			
Are bags of debris properly labelled?		NA	
Are they clean?		NA	
Are they double-bagged?		NA	
We sharp objects being placed in tear-proof bags or drums?		NA	
Are transport vehicles/dumpsters labelled?		NA	
ias chain of custody form been initiated for waste ransport?	1	nn	
NLY SUMMARIES:			
pe/phase of abatement completed today: Tomoves) of Certing & dehis from tax	- K Grean.	de-19 from 1001	-, Jamover
	•	· · · · ·	••
		· · · · ·	···· · · · · · · · · · · · · · · · · ·
			· · · · · · · · · · · ·
many of air sample results ($f_{2,2} > 0.01$ ($b_{2,2} > 0.01$)			• •
mmary of air sample results (If any > 0.01 fibers/cc, explain):		•	
•			·
	·····	· · · · · · · · · · · · · · · · · · ·	
			<u></u>
	oday:		<u>.</u>
t and explain any problems or important events that occurred			
t and explain any problems or important events that occurred			
t and explain any problems or important events that occurred			

.

-

Covino Environmental Associates, Inc.

Project Number: 96.00374 Project Monitor: <u>R</u>: Thomas Contractor: <u>AES</u> Client: <u>Gg. born Hacd E ASSOC</u>. Supervisor: <u>Tane F Millis</u> Project Location: Barp worde OIL # of Workers: 2 YKTAN W.H.

Date: 41-14-98 Contractor: RES

	AREA DESCRIPTION -	BLDG., ROOM NAME/#, CONT	AINMENT DESIGNATION
DECONTAMINATION FACILITY AND PAPERWORK:	Boiler Rom.		
Are there at least 3 chambers? If not, how many?	Acp.		
Are there flaps between each chamber?	- WA		
Is shower working?	NA		· ·
Proper drain (filtered)?	NA		
Hot and cold water?	<u>n</u>		
Is a separate decon for bag removal set-up?	N		
Are entrances posted with warning signs?	<u>ч</u>		· · ·
Are required notifications on-site?			
Is there a sign-in log on-site?	4		
Are workers medicals/fit test records current?			· ·
Are emergency numbers/procedures posted?	N		
WORK AREA: Approximate size in ft ² :	Se ICOFFE	· · · · · · · · · · · · · · · · · · ·	
Are walls covered? How many layers/thickness of poly?	y z Gmil	· · · · · · · · · · · · · · · · · · ·	· ·
's floor covered? How many layers/thickness of poly?	y Z Cemil		
Are floor drains covered?	q c umi	<u> </u>	-
Are all penetrations/openings out of work area sealed?	7	· · · · · · · · · · · · · · · · · · ·	
Will glovebags be used?/If yes, are they hung properly?	N		
Are emergency exits marked?	N	· · · · · · · · · · · · · · · · · · ·	
fave moveable objects been removed from the work area?	· 4		· · · · ·
tre immovable objects covered with poly?	NA		
ure there HEPA filter-equipped air filtration units?	Y		•
How many? x cfm	Vacción.		
Are they exhausting directly out of building?	N'A		- <u></u> ,
re HEPA units kept as far from decon as possible?			
oes there appear to be sufficient negative pressure?			
re electrical systems turned off?	v v		
there GFCI protection on all circuits?			•
re HVAC systems turned off/tagged out?	NA	· · · · ·	
Are grills covered? / Duct seams taped?	Nn		<u></u>

.

Comments_

•

· · · · · · · · · · · · · · · · · · ·		- BLDG., ROOM NAME/#, CONT	
	Reiser.		1
Is material being wetted before removal?			
Is a wetting agent being used?			
Is any material on floor being kept wet?	<u> </u>		
Is material on floor being bagged promptly?	4		
Is the area being misted?	4		
Is work area cleaned at the end of the shift?	1		
Is water leaking out of the work area?	<u> </u>		
Is the glovebag method in use?/If yes, is method acceptable?	<i>№</i>		
Are workers wearing respirators?	NA		
If yes, which type?	<u> </u>		
Are workers wearing disposable coveralls?	1/2 fice		
Are workers wearing protective boots?	<u> </u>		· · · · · · · · · · · · · · · · · · ·
· · · · · · · · · · · · · · · · · · ·			
Are workers wearing protective bonnets/hoods?			
Are workers wearing gloves?			
Are workers removing coveralls before entering shower?	NA	-	
Are workers showering adequately?	NA	· · · · ·	
Are bags of debris properly labelled?	Ч	•	
Are they clean?	ЧЧ	i dan se di sularra	a territoria esta a la construcción de la construcción de la construcción de la construcción de la construcción
Are they double-bagged?	Ч		
Are sharp objects being placed in tear-proof bags or drums?	<u> </u>		्यात तर व्यव्हार होते. इ
Are transport vehicles/dumpsters labelled?	Υ		n un angelante gata di
Has chain of custody form been initiated for waste transport?		ten and the second s Second second	la tizto a gidtiva. Li oranaria
		الاستخداد المراجعية المتعادة المتعاد والاستخدام المراجعة الم	يېرىيى، ئېرىپىرىيىنى يېرى 1946-يارىكى بىرىكى خورتورى يېرى
AILY SUMMARIES:	an a		د میرد. دوست است به ۲۰۰ از میشود از این ۱۰ موجه از منابع میرد ۱۰۰ از میشود از این
ype/phase of abatement completed today: Korrows	of Roile- Tacking	<u>~~</u>	
			یه این از ا اصلا المیه در این این است بین از است ا
	• • • • •	en til som en standarde som en so Televisione	
	• • • • • • • • • • • • •		
			این این کر چو جارج کار ا این این کر جارج کار ا
	······		ـــــــــــــــــــــــــــــــــــــ
ummary of air sample results (If any > 0.01 fibers/cc, explain):		· · · · · · · · · · · · · · · · · · ·	
· · · · · · · · · · · · · · · · · · ·		····	· · · · · · · · · · · · · · · · · · ·
		•	
	<u> </u>	· · · · · · · · · · · · · · · · · · ·	••••••
· · ·	loday:		
ist and explain any problems or important events that occurred			
st and explain any problems or important events that occurred			· · · · · · · · · · · · · · · · · · ·
ist and explain any problems or important events that occurred	· · · · · · · · · · · · · · · · · · ·		·····

APPENDIX C

DAILY FIELD NOTES

•

.



- -

. .

-___

— Covino Environmental Associates, Inc.

DAILY FIELD NOTES

Project Number: 98.00374 Client: <u>SANBORN, HEADEASS</u> Project Logition: <u>BEEDE WASIE OIL</u> <u>PLAIFIOW, N.H.</u> Date: <u>3-3/-98</u> Shift Number: <u>01</u> Page: ____of Monitor: <u>KEN UPMA</u> Page: _ of _____ Monitor: _<u>KEAI_UPMA</u>NN

7:40A - COVINO TECH UPMANN ARRIVES ON SITE & MEETS W/ SANBORN, HEAD'E ASSOC. (S.H.A.) PROJ. ENG. TECOTT NERNEY. 1.50A-SCOTT INTRODUCES TECH UPMANN TO ADVANCED

ENVIRONMENTAL SERVICES (A.E.S.) OWNERS (TTM & TANET) B:00A-A.E.S. WILL START THE PREPWORK. THEY THAVE TO RUN TEMP. POWER FROM (S.H.A'S) JOB TRAFLER OVER TO THE WORKSETE.

8:15A-TECH MEETS W/ NEW HAMPSHIRE PEPT. OF ENVIRE BERVICES (N.H.D.E.S.) INSPECTOR (ROBERT P. MINICUCCI/II).

3:40A-A.E.S. INFORMS TECH THAT THE POLY THEY HAD BROUGHT TO THE SITE LAST WEEK WAS STOLEN. THEY THAVE TO GO BACK TO THEIR SHOP EGET SOME MORE. 1:00 A-TECH UPDATES AIR LOGS W/ FIELDNOTES. 10:30A-A.E.S. HAS I WORKER ON SITE WHO'S SEALING UP CRITICAL BARRIERS. THE WORK IS PROGREDSING AT

A VERY SLOW PACE.

THE WORK CONTINUES AS DESCRIBED. NO PROBLEMS OBSERVED.

[1:00P-A.E.S. JUST COMES BACK FROM LUNCH & CONTRUL W/TWO(2) PEOPLE CONDUCTING PREPWORK.

": 45P-TEUT SPEAKS W/ SCOTT N. (S.H.A.) & JIM D. (A.E.S. "& JIM INFORMS US THAT THEY'LL BE PREPPING ALL AFTERNOON & TOMORROW MORNING. SCOTT INFORM TECH THAT ARE SERVICES PROBABLY ARENT NEDE THIES AFTERNOON SINCE NO ABBESTOS REMOVAL

DAILY FIELD NOTES - Covino Environmental Associates, Inc. Date: 3-3 Shift Nymber: 0 Project Number Client: Project Location: p PLAISTOU Page: 0 IPMAIN Monitor: WILL BE CONDUCTED TODAY. 12:10P-TECH CONCLUDES FIELDNOTES & LEAVES SITE len (pmann (AM 60325) (I.O HR. TRUL, INCL. 7.0 HR ØAIRS OMILES

APR. -01' 98 (WED) 08:35 COVINO****

P. 002

DAILY FIELD NOTES - Covino Environmental Associates, Inc. Project Number: 08-00374 Client: Sanborn Hegd Assoc Project Locadon: 5000/2 (55h 0il 55les 25500 NiH Dale: 4-2-98 Shift Number:__ Page: 1 of 1 Monitor: C. Thomas 7130- T. Thomson Parises on Site. AES is on Site with 2 workers they continue to prep and Install on additional 2000 cm HEPA Unit. Install flags to decon. Etc. 1 8:30, AES continues to Finish prep. HEPA unit is being installed 9:30. Znd Hepa unit is Installed, But there is not enough power to Kun Both HEPA Units & other nessessary equipmed. 9:45, Both AES workers Leave Jobsite to go to Harvare store to Get supplies to Run more power _10:30, AES Teturns to the Job site and Runs concelle gover cord from the traile- to work area. 4050598 11:30, Prep is complete R. Thomson performs a post abotened Visul Inspection of the work anen. All is in place for Clean up and Removal to Besin. 11:45, 2 AES workers suit, up and Enter the work and Begin 11:55, R. Thomson suits up and Enters the work aren and observes 11:55, Removing Lights from Ceiling & Ceiling, I worker is Cleaning debris from the floor i R. Thomson Asked that more well debris from the Ceiling, This Request was arguted. Kenaing ceitings and Cleaning the floor TC:35, R. Thomse Exits the week area no problems observed at this 1:50. E. Thomson Enters the works error AES workers continue to Chan the Acons & Remain ceilings. · C'125, R. Thomson Starts new set of Aren Samples & Preps & Amlyses the 15t set, - Z100, R. Therean Exits the Area _3:25, R. Thomson Suits up and Enters the works one worker are picking debris Up offer of the floor and picking it in to flober drums, for disposed, 400-Ritheman Erits the verk area attorg glong with AES workers, Fitherse collects area samples graps and analyses, 130, ATES werkens Levre Job Site. Aph Bralytical Results are All Corola

APR. -01'98 (WED) 08:35 COVINO****

TEL:617 932 9402

P. 002

DAILY PIELD NOTES Covino Environmental Associates, Inc. Dole: 4-3-98 Project Number: 98-00374 Shift Number:] Page: _____af _____ Monitor: ______Thomson Clience Sanborn, House & Assoc. Project Location: Beede weste pil / Cash oil 7:30, P. Thomson of Coulon Arrives on Site. AES is also on Site, 7:35. Rithomson truvels to the work area and Besins Area ain Samples, I worked is in the work area bassing fiberglage Insulation, 7:50. Zue warker svite up and outers the wate area. Ritemon chack the permeter of the work are, all Engineering controlls appear to Be working Properly and all 5'15, R. Thomson Suits up and enters the office wat area and observes Criticle Barrie Kenain Interct, vortes removing Linoleum floor covering. Linoletin is Being Poeled up by venes workers bere also Remaring Ri Fiberglass batting from above where celling used to Be, All floring is being placed into Fiberdrums, Fine-Glass is being Placed into 6 mil Bags, q:10, TC, Thomson Exits the work area, and updates rates. 10:30. Wortes East the stopes work area for a break. 11:20, E. Thomson Begins Znd Set, of Area Samples, 11:30, P-ep & Analyse 1st set of Samples, 11:55, Workers Return to Tob site. & Continue Removal in the office area, Linoleum & Ceiling, 100 R. There Sufte up and Endes the no-t area to warter is Remarking or sheet Rack ceiling covered with Alm textured paint prother warter is Loading deares into Barrels and moving Barrels to divy Roa Zitheren Insteads and Alt ing Controlls, Cill are in place and appear 1:45, R. Thomson Exits the work area -Z'Je. R. Thousan Suits up and Enters the work area workers have Themared the Ceiling in the foot office Area and are picking by debris. Zills, Risherson Exits the work area to proplems are observed, 1.50, Edlect Area Samples prop & Analyse . 3:30, Leave Job Site

APR. -01'98(WED) 08:35 COVINO****

DAILY FIELD NOTES

Covino Environmental Associates, Inc. Date: 4-6-98 Shift Number: 1 Project Number: <u>96:00374</u> Client: <u>Sanborn, Nevel & Associates</u> Project Locadon: <u>Recel & Wester</u>, 1/(1916 energy Page: _ of Montor: RiThamac Mastan N.H. 7:35 F. Thomson, Arrives on site at Backeoil, NES is on Site and nerting at Removing Lindeum flooring from the front office of the work onen. 7:40, Rithonson Begins anea Air sampling. 850. AES Leaves Job site to get equipment to Remove adhered Lindvern Which is not asim Removed with hand Scrappers; 9:15, RES Returns to the work site with a heat sorce to try Rithouse suits up and enter the nork area to observe this work practice of Linoleum Removal with Heat, Bost. Linduem metted and famed But Remained adhered to the substrate 9:40, FIEG Leaves Job site to Zoturn Heat souce and try to attain a medianical scrapper. gioe, RES Returns with meticilical Scrappen. 11:30. R. Thomson Suits up and Enters the work area, mechanical Scrapports working Better But shill progress is very Slow, 12:00, C. Thomase Eits the nork area affer inspecting Engineering controlly, 13:50 Bithansa Enter work continues at a shails Pace Go Removing Brick pater - Lindecm. no Problems are abserbed 2:50. R. Thousan Ents the work aren and collects Aren Samples travels to a sofe office to Aralyse 3:45. Analytical Results Larol Fac.

APR. -01'98(WED) 08:35 COVINO****

DAILY FIELD NOTES

Covino Environmental Associates, Inc.	Pract Tall HOTES	
	Project Number: 08-00574 Client: Schorn, Hick & Aksoc. Project Locadon: Kestle works cil	- Date: <u>4-7-98</u> Shift Number: <u>/</u>
	Cash Energy	Monitor: Pithemson
7:35. 7. Thomson Arrives OL J J Lionkers to Begin	site. AES is on site h to Zenove Roofing me	ith and additional
.i		
7:40, Rithonson Basins area 7:40, Rithonson Basins area 1 7:45, I worker suits up and Hoor Liveleum Rov 1 gico, R. Thongan suits up are wegning suits	where the office work	area to continue
T Gico, R. Thomas Suits up	and Trancis to the Road	o attaltic Kool
- metterial that co	E Respirations to Remov riting aspestos. Drop clotha Le ground, No Problems an	are placed around
	- com inside the clarice h	ione area is using
- Chemical to Komo	ve Envlern Backing Kon	-floor.
4:15. R. Thomas Checks on prox	gress of Roofing material Rem	oral. Workers
- are miking Good Progres I worker continues to fin	s. no problems are observed Chear the office areas,	at this time -
	bencountered on the front Rock systems were are pr to Remove material from Se completely Removed. As	
10:401 Lillangon Contacts Bre	int Mongarstern to inform 1	nim of the odditional
- ;11:30, Steve Cullinane OF Nith, T Janet millis, & Jim Doh Mactic Adhesive on Playn	cool roof shatting can Bedi	sposed of as construction
be casily Removed Can	stay on the face -	A ADOCTING INTO CONTRA
140, Z. Thomse Collects Check Informs Outro Teck that Z. Thomse with quantal Uncased.		- Lond - Jin Dortety sus again Lound. once it is completely
CL - Cullinger) physes	Job site	
z:30, workers Keturn to	Kenoving Rooting Maker	al & fine Cleaning
- otters. si00, 7, Thomse Ollects A	rea samples peps 12 Arghness	
130 AES & Corino Leave Job	Site_	
_ !		ł

.

•

DAILY FIELD NOTES Covino Environmental Associates, Inc. Date: 4-10-98 Project Number: 98-00374 Client: <u>Sandon Hoad & NSCCC</u> Project Location: Recelle Loste 011 Shift Number: Page: ____ of ____ Monitor: _____ Thomson Plastow NIA [ash energy 7:30, Fithouson Arrives on site AES is on site with 2 workers I worker Jegins Remaring Plywood \$4 Sheething from the Roof, to Access Kingterial Beneath the the other worker is norter is working in the tank Room to the Rights side of the tunnel remaring steet Rock from Celling which has spay Appled textured material. 8:09. Kithoman Begin Area simples at variour Locatrons Q130. Z. Thomas travels to the Rock and observes worker Remaring Philood Sheeting and Roofing material work is wearing dispossible suit & Kespirator. 9:00, Zithanson suits up and enters the Tank from work area where worker is Cleaning debris from the floor and cleaning debris from Fride tank that has been cut in half, 9:45, 52, Thomson Earths the area. The Rithanson Inspect Engineering Controls for tank area. no problems are detected at this thre. 1 12:00, work continues, on Roch & in Tank Grea, no problems and I barrel of debris from the tonk crea formy contain other observed, Ortaininants other than asbestos, This drun has been set aside. T -E.Thomsen with ook Serbenn Hand Assoc. for direction as to how they want to disposed of this waste. I 3:45, RES & Corino Leave Job site to- the day

DAILY FIELD NOTES Covino Environmental Associates, Inc. Project Number: 96-00374 Client: <u>Scriborn Head & Assoc</u> Project Location: <u>Seerle broke 01</u> Date: 4-10-98 Shift Number: Page: _____ of _____ Monitor: ______ Thomso-____ Machow NH. 7:50, Rithanson Arrives, on site AES ison site with 2 workers N.H. waste management is on site delivering a 30 yrd open topped N.H. waser mugmes Dungster for waster, I worker continues to Remove Racing 50 · material I worked continues to final the Tank area 9:15, Z. Thanson Performs a post abatement visual Inspection of the tank area son carlainmet, Porring the Dispection no Disible superf 9:30, R. Thomson Bearing Aggressive Cleanance sampling in the tankaren. 1 when Lines Dumpster, 11:15. Z. Thomson Glods Clearance samples. 11:30. Tithousan Speak with Sanbar Rep and Informs him of a barrel of containinants-from the tank in the tank area, I. Thomson Asky or what stold be done with this barrel of wake, Santan Rep. Thomas Rithanson to have AES Date Elabel the Barrel and have it stored in more (Building for disposed at a Latter 12:00. NES workers Begen Loading Durpster with Robing don's. 1:50. Progress of Loding the dumpter is very Spw, vaters are hard placing debris into wheel barrow the dumping debris into Dumpter. 3,00 Norm Geis of Covino Arrives on side . R. Thomson updates norm on the progress of the Job. AES Continue's to Load where into dumpster. 3:45. R. Thomson Leaves Job Site. • - 4

DAILY FIELD NOTES Date: <u>4/13/98</u> Covino Environmental Associates, Inc. Project Number: <u>98, 00374</u> Client: <u>SANBORN-HEAD</u> ASSOC. Project Location: <u>BBEDE OIL</u>, <u>Planetow</u> Shift Number: / Page: / of 7 0730 NGEIS, Cours rep. arrived onsite 2 AES personnel usere onsite, dismantling the containment inside the abandoned B/D. They well continue to clean up the remaining ACM Roging material and then load drums and Bags into she Rob - off dumpster today. 10830-AES continues to dismantle and bog plastic sheeting ext. Mums are also leeing looked into Roll-off Transates. 1000 - DRUMS & Roofing material are GENG lodged into Poll - of DoupstER By THES. 1100- HES has cleaned up debris from the keop on the Side of the Bkl., is cleaning up debris adj to I the coll of dumpster. 1100- AES has cleaning up debris adj to 1100- AES has cleaning up debris adj to 1300- AES has done work on the roof, removing entire ponels of plyceood weith Acm sooping material. A count of Dreems by Courso rep. was accomplished (34 Acm work. Tone with of contaminated material. Approx 45 Bags were noted alchough more may be generated from containment poly sheeting which hasn't lean bugged 1430-Approx. 11/2 cubic yards of Roofing material has These generaled and placed in clumpster, Mole material remains on Roof although not a significant amount. AES continues to clean up deleris around Bld. 1600 - AES has filled dumpster with Barrels, Bags. Cours rep. noted generator babels on Drumsk Bags. Roofing material remains to be removed on 4/14/98, fight RB Ballast also remains to be removed from Bld. AES also will have to 1630 - Courso rep and AES personnel left the

DAILY FIELD NOTES

Covino Environmental Associates, Inc.

_	Project Number: <u>78-0374</u> Client: Santon Head & ASSOC. Project Location: <u>Baced & Worst-roil</u>	Date: <u>4 - 4 - 98</u> Shift Number: <u>1</u> Page: <u>(</u> of <u></u>
	Plastow NH.	Monitor: 2. Themsen

.

Sittam, Z. Thomson Arrives on site. AES is on site with Z warters I wanter is warting on Remaring and Cleaning Remaining Each debris from Each. I wanter is chaving debris from Ground.
9:15. I worter continues with Reaf Cleanup. I worker Begins prep in the boiler Toorry for the Trenad of Pacting material Between Ribs
I II'. IS. T. Thomson Performs a prep check of the soiler toom Allisin place for Temoral to Begin and it does work continues on tool,
12:00, R. Thomson suits up and Enters the Torile- Rom nont area. and observes workers using a chisel to Themare Torile-Pacting, material is norther before it is Remared and warter is rearing a suit of Respirater. I worker is picting up Residual socie debuis from the Groud I worker is picting up Residual socie debuis from the Groud
1:15. wont continues in boiler Em. I wonter is cleaning the than of the of
7:0 I worker Besin Remaring Lights from ceiling to Remove Relibits R. Thomsen performs a post-abstrant visual Inspection of the Roik- R. No suspeed delaris is detected
Z'IS, Z' I Longen Bogins god abstend area air simpling
I In Soller Km. The Soller Km. 2:20- K. Thouse notices that several of the Ballast State that they continue to PCB'S, R. Thouse - Calls Frent morganisher in to Inferm Km of the Discovery and to Receive Direction if Ballast still need to be Renard.
Zisz, Zishonson is interned By Burnt morganstern that non PCB
Zi45, WII HIS Kilkst's have been Remard and Placed into a plus Down;
TS:15. Working Remove drow of oil sludge and place it into Jarage at metal BU. TS:45. Kittomen collects Area sample preps. and andyses 4:00 Analytical Results LODI Fice AES Teams down
4:00 Analytical Kesuths LODI TICC NES Tears down

APPENDIX B

PLAISTOW BEEDE WASTE OIL/CASH ENERGY SITE EPA ACCOUNT # 025-044-2596-091-0515 STATE OF NH - DES FINAL SUBMITTALS BY R.J. OLSZAK CONSTRUCTION, INC. OF BRIDGEWATER, NEW HAMPSHIRE



2009 4/24/53 29M

PLAISTOW BEEDE WASTE OIL/CASH ENERGY SITE

- *i*.

EPA account # 025-044-2596-091-0515

State of NH - DES

FINAL SUBMITTALS

R. J. OLSZAK CONSTRUCTION, INC. Rt 3A 717 Mayhew Turnpike Bridgewater, NH 03222-5232

-

COPY

R. J. OLSZAK CONSTRUCTION, INC.

Route 3A 717 Mayhew Turnpike Bridgewater, New Hampshire 03222

phone: 744-5090 fax: 744-9231

Date: <u>April 22,1998</u>

TO: NH-DES

RE: PLAISTOW, NH Beede Waste Oil/ Cash Energy Site

CONTRACTING PROCEDURES AND SCHEDULE

Methods of operation:

Asbestos removed by licensed sub-contractor; Advanced Environmental Services, Concord, NH; hazardous disposal to Waste Management, Rochester, NH. Metal, steel removed by R.J. Olszak Construction Inc.; disposal to Advanced Recycling, Concord, NH. Demolition, clean-up by R.J. Olszak Construction Inc. disposal of wood debris to ERRCO, Epping, NH; paper/wood debris to Waste Management, Rochester, NH. Personnel and subcontractors: R.J. Olszak Construction Inc.: site coordinator, Ronald J. Olszak; excavator operator, Ronald J. Olszak; truck driver, laborer-Chris Olszak; laborer-Beth Carter. Advanced Environmental Services: site coordinator, Janet Mills, laborer-James Doherty, Alberto Martinez, Mento Rosario, Julian Reyes. <u>Certificate of insurance</u> - sent direct by Rowley Agency for R.J. Olszak Construction; copy attached Certificate of existence - copy attached Certificate of resolution - copy attached Statements: Bill #1 per base bid - submitted 4/20/98. Bill #1-A amendment #1 - attached Amendment #1 - notorized and attached Advanced Environmental Services: disposal manifest - attached notification form - attached shipping records - attached daily notes - attached

GUPY

- ACORD. CERTIFICATE OF LIABILITY INSURANCE

_

DATE (MM.DDAYY)

ING LIGHTON BOODON 100			CONFERS NO RI	D AS A MATTER OF INFO GHTS UPON THE CERTIFI DOES NOT AMEND, EXT		
The Rowley Agency, Inc. 139 Loudon Road		ALTER TH	E COVERAGE AFF	ORDED BY THE POLICIES	BELOW.	
P.O. Box 511	00.0514		COMPANIES AP	FORDING COVERAGE		
Concord NH 033	02-0511	COMPANY A	Acadia Insurance	Сотралу		
SURED		COMPANY		······································		
R J Olszak Construction, Inc. 717 Mayhew Tpke Rte 3A		B COMPANY	·····			
Bristol NH 032	220000	C				
		COMPANY D				
COVERAGES THIS IS TO CERTIFY THAT THE POLICIES INDICATED, NOTWITHSTANDING ANY REOU CERTIFICATE MAY BE ISSUED OR MAY PE EXCLUSIONS AND CONDITIONS OF SUCH 1	IREMENT, TERM OR CONDITION OF A RTAIN, THE INSURANCE AFFORDED E	ANY CONTRACT OR OTHER BY THE POLICIES DESCRIB	R DOCUMENT WITH R ED HEREIN IS SUBJE	ESPECT TO WHICH THIS		
20 TYPE OF INSURANCE	POLICY NUMBER	POLICY EFFECTIVE DATE (MM/DD/YY)	POLICY EXPIRATION DATE (MM/DD/YY)		S	
GENERAL LIABILITY	CPA001410413	04/06/98	04/06/99	GENERAL AGGREGATE	\$ 2,0	
X COMMERCIAL GENERAL LIABILITY				PRODUCTS - COMP/OP AGG	\$ 2,0	
CLAIMS MADE X OCCUR				PERSONAL & ADV INJURY	\$ 1,0	
OWNER'S & CONTRACTOR'S PROT				EACH OCCURRENCE	\$ 1,0	
X PER JOB AGGREGATE LIMITS				FIRE DAMAGE (Any one fire)	5	
X PER LOCATION AGG. LIMITS			1	MED EXP (Any one person)	5	
A AUTOMOBILE LIABILITY	CAA001410513	04/06/98	04/06/99	COMBINED SINGLE LIMIT	s 1,0	
X ANY AUTO ALL OWNED AUTOS SCHEDULED AUTOS				BOOILY INJURY (Per person)	\$	
X HIRED AUTOS X NON-OWNED AUTOS				BODILY INJURY (Per accident)	\$	
				PROPERTY DAMAGE	s	
GARAGE LIABILITY				AUTO ONLY - EA ACCIDENT	\$ 1,00	
A X ANY AUTO	CGA002989012	04/06/98	04/06/99	OTHER THAN AUTO ONLY:		
				EACH ACCIDENT	\$ 1,0	
				AGGREGATE	\$ 2.0	
	CUA002120013	04/06/98	04/06/99	EACH OCCURRENCE	\$ 1,00	
X UMBRELLA FORM				AGGREGATE	\$ 1,00	
OTHER THAN UMBRELLA FORM		·.			5	
WORKERS COMPENSATION AND				X WC STATU- OTH- TORY LIMITS ER		
EMPLOYERS' LIABILITY	WCA001410712	04/06/98	04/06/99	EL EACH ACCIDENT	s 10	
				EL DISEASE · POLICY LIMIT	\$ 50	
OFFICERS ARE:		ł		EL DISEASE · EA EMPLOYEE	s 10	
OTHER	·····					
	·					
ESCRIPTION OF OPERATIONS/LOCATIONS/VEHICLES roject: Demolition of the Beede V	SPECIAL ITEMS Vaste Oil Building in Plais	tow, NH	<u> </u>	.H.,	<u> </u>	
CERTIFICATE HOLDER		CANCELLATIO		<u></u>		
				POLICIES BE CANCELLED BEFOR	e The	
State of New Hampshire D.E.S.				G COMPANY WILL ENDEAVOR TO		
		DAYS W	RITTEN NOTICE TO THE	CERTIFICATE HOLDER NAMED TO	THE LEFT,	
Attn. Bob Mincucci		1	<u>30</u> DAYS WRITTEN NOTICE TO THE CERTIFICATE HOLDER NAMED TO THE LEFT. BUT FAILURE TO MAIL SUCH NOTICE SHALL IMPOSE NO OBLIGATION OR LABILITY			
Attn. Bob Mincucci Hazen Drive Concord NH	03302			ALL IMPOSE NO OBLIGATION OR L' AGENTS OR REPRESENTATIVES.	ABILITY	
Attn. Bob Mincucci Hazen Drive	03302		ON THE COMPANY, ITS			



State of New Hampshire Bepartment of State

CERTIFICATE OF INCORPORATION

OF

R.J. OLSZAK CONSTRUCTION, INC.

The undersigned, as Deputy Secretary of State of the State of New Hampshire, hereby certifies that Articles of Incorporation for the incorporation of R.J. OLSZAK CONSTRUCTION, INC., duly signed pursuant to the provisions of the New Hampshire Business Corporation Act, have been received in this office.

ACCORDINGLY the undersigned, as such Deputy Secretary of State, and by virtue of the authority vested in him by law, hereby issues this Certificate of Incorporation of R.J. OLSZAK CONSTRUCTION, INC. and attaches hereto a copy of the Articles of Incorporation.

IN TESTIMONY WHEREOF, I hereto set my hand and cause to be affixed the Seal of the State of New Hampshire, this 2nd day of July A.D. 1996

tP (1)

Robert P. Ambrose Deputy Secretary of State

I, Ronald J. Olszak, president of R.J.Olszak Construction certify the status of the corporation has not changed and this is a copy of the original document submitted with the bid for the Plaistow project.

Ronald Volgal

4/23/98 NOTARY Public My Commission Expires April 5, 2000



8:50

AMENDMENT #1

This Agreement (hereinafter called the "Amendment #1") dated this 27th day of May, 1998, by and between the State of New Hampshire acting by and through its Department of Environmental Services (hereinafter referred to as the "State"), and R.J. Olszak Construction, Inc., a corporation organized under the laws of the State of New Hampshire with a place of business at Route 3A, Bridgewater, NH 03222, (hereinafter called the "Contractor").

WHEREAS, pursuant to an agreement (hereinafter called the "Contract") dated March 4, 1998, approved by the Governor & Council on March 4, 1998, the Contractor agreed to perform certain services upon the terms and conditions specified in the Contract and in consideration of payment by the State of certain sums specified therein; and

WHEREAS, pursuant to the provisions of paragraph 17 of the Contract, the Contract may be amended, waived or discharged only by written instrument executed by the parties thereto; and

WHEREAS, the Contractor and the State have agreed to amend the Contract in certain respects;

NOW THEREFORE, in consideration of the foregoing, and the covenants and conditions contained in the Contract and set forth herein, the parties hereto do hereby agree as follows:

1.) Amendment and Modification of Contract:

The Contract is hereby amended as follows:

In consideration of the discovery and subsequent removal and disposal, of 2,000 square feet of asbestos-containing roofing material, which was not discoverable before the roof was actually demolished, the contract price is raised from \$47,000.00 to \$53,950.00.

2.) Effective Date of Amendment:

This Amendment shall take effect upon the date of approval of this Amendment by the Governor and Executive Council of the State of New Hampshire.

3.) <u>Continuance of Agreement:</u>

Except as specifically amended and modified by the terms and conditions of this Amendment, the Contract, and the obligations of the parties thereunder, shall remain in full force and effect with the terms and conditions set forth therein.

8:54 No.CU2 P.O3

Amendment #1 R.J. Olszak Construction, Inc. May 27, 1998 page 2

IN WITNESS WHEREOF, the parties set their hands as of the day and year first above written.

THE STATE OF NEW HAMPSHIRE Department of Environmental Services

BY:_____ Robert W. Varney, Commissioner DATE:_____

R.J. OLSZAK CONSTRUCTION, INC.

Jonna

TITLE: SectraFary

DATE: 4 20 98

STATE OF NEW HAMPSHIRE COUNTY OF ROCKINGHAM

On this 2L day of <u>April</u>, 1998, before the undersigned officer, personally appeared <u>Downa</u> <u>Diszak</u>, and acknowledges him/herself to be the <u>Secretary</u> of R.J. Olszak Construction, Inc., who executed the foregoing instrument for the purposes therein contained.

IN WITNESS THEREOF, I hereunto set my hand and official seal. SUE ANN WILLIAMSON, Notary Public My Commission Expires November 6, 2002

Notary Public

Name and Title of Notary Public

Approved by the ATTORNEY GENERAL this ____ day of _____ 1998.

Assistant Attorney General

Approved by GOVERNOR AND COUNCIL this ____ day of _____ 1998.

WASTE SHIPMENT RECORD

<u>~</u>	WASTE SHIPN	IENT RE	CORD	,	$\mathbb{C}($	DP	
	1. Work site (Generator): Name A DVANCE CIVVICON MINH / Mailing Address 7 pully 1-ci flaish 7 City/State/Zip	511 34 - 1	Owner'	s Name	tel	Owner ephone	no.
	2. Remover's name and address:	•		•	F _tel	ephone	r's no.
	3. Waste Disposal Site (WDS)' Name Waste Management of NH Mailing Address P.O. Box 7065 City/State/Zip Rochester, NH 03839~70		WDS telephone Additiona	e no: (6) Il Informati		0-213	4
OR	Physical 90 Rochester Neck Rd Site Location			Profile No.	47	75	27
GENERATOR	4. Name and address of responsible agency MH DES NH Air Res 64 North Main Street Caller Box Concord, NH 03301 (603) 271-	2033	vision				
	5. Description of materials RQ, ASBESTOS, 9, NA2212, III RQ = 1 LB (ONE POUND)		6. Conta No.	ainers Type		otal qua m³ (yd³	
	8 Special handling instructions and additional info REQUIRIES PIE: Properly fitted resp	rmation (prov	vided by ge	enerator.) , Steel	Toe Bo	oots	· · ·
	9. OPERATOR'S CERTIFICATION: I hereby declar accurately described above by proper shipping na are in all respects in proper condition for transpo government regulations. NOTE: Generator must	ame and are c ort by highwa	lassified, p y accordin	backed, ma g to applic	- rked, and	labele	d, and
	Printed/typed name & title	Sig	gnature	2/1/2	Month /	Day	Year
	10. Transporter 1 (Acknowledgment of receipt of ma						
	Printed/typed name & title for Waste Management of NH, Inc.	Sig	gnature		Month	Daγ	Year
TRANSPORTER	Address and telephone no. 26 Liberty Drive Londonderry, NH 03053 (603) 437-33		<u> </u>				SP2-
ANS	11. Transporter 2 (Acknowledgment of receipt of ma		gnature		NA = = + h	<u> </u>	Vee
TR/	Printed/typed name & title	51	gnature		Month	Day	Year
•	Address and telephone no.						1
		·			:		
SITE	12. Discrepancy indication space	•	Re	ejected: Yes	· No		
DISPOSAL SITE	 Waste disposal site owner or operator: Certificatio materials covered by this manifest except as noted 		f asbestos	SCALE T NUMBER :			
DISP	Printed/typed name & title	Siç	gnature		Month	Day	Year

WASTE SHIPMENT RECORD

ŀ

;

•

.

(COP)	
-------	--

	1. Work site (Generator):	Owi	ier's Name		Owne	
	Mailing Address 7 Kelly Street	Ì		1 (6	lephon	e no,
	City/State/Zip Plaistow, N.H.	1				
	2. Remover's name and address:			-1	Remov	er's ·
	Advanced Environmental Servi	ces			lephon	
	44 North Main Street, Basem	cnt	•	80	174	5-1192
	<u>Concord NH 03301</u> 3. Waste Disposal Site (WDS)	WDS			<u></u>	
	Name Waste Management		one no:			
	Mailing Address	Additi	onal Informat	ion:	·. ······	
	<u>City/State/Zip</u>			· · · · · · · · · · · · · · · · · · ·	۱· 	
	Physical Site Learning		Profile No	· []		
Õ	Site Location					
GENERATOR	4. Name and address of responsible agency Dept.	of Env.	Protectio	ρ Λ		
III		Source				
61	64 N. Concor		63301	1		
	5. Description of materials	6. Co	ontainers		otal qu	antity
	RQ, ASBESTOS, 9, NA2212, III	No.	Type		m² (yơ	1 ²)
	RQ = 1 LB (ONE POUND)	- ove-	30 y d	Contor		
		[-		1er ·	
	8. Special handling instructions and additional information				· .	
·	9. OPERATOR'S CERTIFICATION: Thereby declare that the	Ca JUM	of this consi	Lace		lu an
1. 175 1. 175	accurately described above by proper shipping name and	are classifie	d, packed, ma	irked, and	d labele	ed, and
	are in all respects in proper condition for transport by hig	hway accor	ding to applic			
	government regulations. NOTE: Generator must retain a c	copy of this	form.		•	Ĩ
	Janet M. Mills, Aspestos Coordinator.	Signature	1 Mil	Month	Day	Year
	Janet M. Mills, Asbestas Coordnator. Va. 10. Transporter 1 (Acknowledgment of receipt of materials)	140 17	mane	4	<u> </u>	98
<i>*</i> .		Signature		Month		Vara
	Waste Management, Inc. 97 Rochesto Neck Road	Signature	1	Month	Day.	Year
÷.,	97 Rochestor Neck Road Gonic, NHt azez 9		1	1		
		•				
TE	Address and telephone no.		1			
OR	603/330-0217		· · · ·			
ANSPORTER	11. Transporter 2 (Acknowledgment of receipt of materials)					
A	Printed/typed name & title	Signature		Month	Day	Year
Ľ.		2	Í	2		
			,	ę		•
	Address and telephone no.	·				
i i i i i i i i i i i i i i i i i i i						
						·
SITE	12. Discrepancy indication space		Rejected:		2	
N N	12 Meste dia contrata a contrata de la contrata de	· · · · · · · · · · · · · · · · · · ·	Yes 🗌	No		
SA	 Waste disposal site owner or operator: Certification of recein materials covered by this manifest except as noted in Item 1 	pt of aspest 2.	OS (1	
02						· · · · · · · · · · · · · · · · · · ·
DIS	Printed/typcd name & title	Signature		Month	Daÿ	Year
		•				
	GENERATOR		•			



ENVIRONMENTAL RESOURCE RETURN CORP. 270 EXETER ROAD, P.O. 80X L EPPING, NEW HAMPSHIRE 03042 PHONE (603)679-2626 FAX (603)679-2526

Waste In - Charge Scale Ticket

Tickel # : 712628 Operator - K8 - Gute : 04/15/98

Hand ticket #0762

Hrs: Mon-Fri: Zam-Sphi Sal: Zam-12noon

ERRED THANKS YOU FOR YOUR BUSINESS!

NET 20



ENVIRONMENTAL RESOURCE RETURN CORP. 270 EXETER ROAD, P.O. BOX L EPPING, NEW HAMPSHIRE 03042 PHONE (600)679-2626 FAX (603)879-2526

Waste In - Charge Scale Ticket

Ticket # : 712632 Operator : KB = Date : 04/16/98

Vehicle : 1292 TAN FORD LTL. F.J. OUSZAK CONSTRUCTION Eustomer / ULSZAK MIXED C&O Material : MIXCD1 Source : NH Plaislow Location : EASTMAN Units 22.20 TONS Time In : 08:10:54 Time Out - 08:32:07 Grups Wt : 38720 1bs fare Wt : 44320 1bs Net Wi : 44400 lbs 22.20 tons

Yankea Barn

Hrs: Mon-Fri: Zam-Spm; Sat: Zam-12noon

ERRCO THANKS YOU FOR YOUR BUSINESS:

NET 20

Signature:



ENVIRONMENTAL RESOURCE RETURN CORP. 270 EXETER ROAD, P.O. BOX L EPPING, NEW HAMPSHIRE 03042 PHONE (605)629-2625 FAX (603)579-2526

Waste In - Charge Scale Ticket

Ticket # : 212649 Operator : SS Date : 04/16/98

Vehicle : 1320 Customer : OLSZAK Material : MIXCD4 Source : NH Plashoo Location : Time In : 12:31:53 Time Out : 12:50:56 Gross Wt : 58900 lbs Tare Wt : 36900 lbs Net Wt : 22000 lbs 11.00 tons

Hrs: Mon-Fri: 7am-5pm: Sat: 7am-12noon

ERRCO THANKS YOU FOR YOUR BUSINESS!

NET 20

Signature:

Plaistow			COPY
CUSTOMER: 100 CAS HAULER: NASTE: DEM DEMO	CUSTOMER	LNEW HOMESHIRE, ROAD, ROCHESTER, N WEIGH MASTER: KIM ORIGIN: MIN	H DATE: 04/17/1996 TIME: 1:55-18:16 TRUCK: H GROMYKO ALK 1740
- GROSS TARE	: 44480 LES	KND CON	THE BEST OF MY WLYDGE THIS TRUCK TAINS NO HAZARDOUS UNACCEPTABLE WASTE
OUT-OF-STATE SOLID perjory that the in knowledge and belie 	WASTE TRANSPORTER DE	CLARATION: 1 Cert	ify under penalty of
		5.GN:	- De-
	WASTE MANEGEMENT OF 90 ROCHESTER NECK RD 802) 330-2134 CUSTOMER	NEW HAMESHIRE, IN AD, ROCHESTER, NH	_
HAULER:		WEIGH MASTER: KIM G	
HAULER: WANTE: DEM DEMO BROSS: TARE:	67040 L85	MASTER: KIM G ORIGIN: 01 NE CORIGIN: 01 NE TO T KNOW	
- WASTE: DEM DEMO - BROSS: - TARE: - NET: - NET:	67040 LBS 37280 LBS 29760 LBS = 14. ASTE TRANSPORTER DEC ormation provided is	MASTER: KIM G ORIGIN: 01 NE TO T KNOW CONT 88 TONS DR U LARATION: Iscenti true and correct	ROMYKO W HAMPSHIRE I I I I I HE BEST OF MY LEDGE THIS TROCK AINS NO HAZARDOUS NACCEPTABLE WASTE Fy under penalty of

GENERATOR'S WASTE PROFILE SHEET PLEASE PRINT IN INK OR TYPE



Service Agreement on File? YES NO	Profile Number: WMI	488527
· · · · · · · · · · · · · · · · · · ·	Renewal Date:	1 1
A. Waste Generator Information		
1. Generator Name: Beede Oil (Abandon	2. SIC Code:	
3. Facility Street Address: 7 Kelly Road	4. Phone: ()	
5. Facility City: PLAISTOW, J NH	6. State/Province;	
. Zip/Postal Code:	8. Generator USEPA/Federal ID #:	· · · · · · · · · · · · · · · · · · ·
. County:	10. State/Province ID #:	
1. Customer Name:	12. Customer Phone: ()	
3. Customer Contact:	14. Customer Fax:	
. Waste Stream Information		
Name of Waste: Ashestas Debris	2. State Waste Code: RQ	Acheros 9
. Process Generating Waste:	1. Older Hass 00000	
	uble Bagged and/or Pol	
Labeled		
Estimated Annual Volume: 300	Tons Mards Other (specify)	······································
Personal Protective Equipment Requirements: 1/2	Respirator. Disposable W	HE SUN.
Transporter/Transfer Station: Waste Mana	acment	
Is this a U.S. Department of Transportation (USDOT) Haza	reous Material? (If no, skip 8, 9, & 10)	YES MO
Reportable Quantity (lbs.; kgs.): 12,000	9. Hazard Class/ID #: Ro -	Ashcustos 9
USDOT Shipping Name: <u>RQ - ASB - 9</u>		
	on is altached. Indicate the number of attact	ned pages:
Generator's Certification (Please check appropriate respon	ses, sign, and date below.)	
Is the waste represented by this waste profile sheet a "Hazardous V Mexican and/or state/province regulation, in the location where gan		TYES SNO
Does the waste represented by this waste profile sheet contain reg concentrations of Polychlorinated Biphenyls (PCBs)?		TYES WO
Does this waste profile sheet and all attachments contain true and a material?		ØYES □NO
Has all relevant information within the possession of the Generator of pertaining to the waste been disclosed to the Contractor?	regarding known or suspected hazards	
Is the analytical data attached hereto derived from testing a represe 40 CFR 261.20 (c) or equivalent rules?		
Will all changes that occur in the character of the waste be identified Contractor prior to providing the waste to the Contractor?	by the Generator and disclosed to the	MYES DNO
entification Signature: x and Millis	Title: x Asbestas	Coordinator
	ipany Name: x Aduptica Enu	
WMI Management's Decision Management Method: Landfill Solidify Bioremedia		OR WMI USE ONLY
Proposed Ultimate Management Facility: Supplemental Information:	3. Hours of acceptance:	
Precautions, Special Handling Procedures, or Limitations of	n Approval:	······
pecial Wasta Decision		
alesperson's Signature:		۰ ۴ <i>۴</i> میت
vision Approval Signature (Oplional):	Date:	
pecial Waste Approvals Person Signature:	Date:	

Earin WMI-4152

	بر م													<u>о</u> г.				
~			n an	erjan en en	1.0							NC	N-H.	AZAH			STE D	:s ∕∕
• -						ESTR						والمراجع والمراجع				J		ሆ
: · · •	GENE	RAL O	VED	EN INFOR	MATION			IMBER		RON	NFE	1 DIATUS			NEW ACCO			
	CIL.IT.		KEU	L Rol	4.D			<u></u>			64080 44	- 70 -	98	/ ()	SERVICE II SERVICE Q RATE INCH	CCREASE		·
•	R V LCLAISTN	P	LAIS	Toul	4756°4	UTATE U	FUNTY	÷,	ATE PHU		ZIPPOSTAL		<u>'Y</u>		ATE DECI CANCEL DTHER	RFASE		
2	800	-74	5-119:	2 M	R. Potte	RT1	,	INC	USTAY D	LOMENT		A. 25		l		UIITS		
	DE	205	। T । D মহনারা	F # 840	Contractor and a state of the second			and the second second	DATE:	U-11)-	98	S		FECTIVE		4-71	-Ck	7
		diry.		резолитские	······			5711.2	WASTE	SFECI MILOTILE NULMEER	AL WASTE		ידירטי דירטי		EURVICO	DAYS		TAT REC
-			30 Tr	2D TEMP	RO		<u> </u>	Ê	<u>E</u> E									$\overline{\Sigma}$
		}	ASE	SESTO	5	 		┼╌┝							+	+	+	
																+		
	THIS IS A L	EGALLY	BINDING COM	ITRACT, AND CON	TRACTOR ACRE	ES TO PHO		ND CL	ISTOM	ER ACREE	S TO AC	CEPT T	HE SEF	VICES A		PMENT		E
	Mikh	DVAI	NCED	ENVIR	ONME!	NTA		MS AN		VOITIONS S	PECIFIE	D ON TH	HE REV	-74	DE. 5-1	192	7	
	$ \begin{bmatrix} A \\ D \\$	64	t_No	2. MAIN	1 57								MR	- D	OHC IFELNTIE	ERT	Ý	
	N PREEN		610		A7.3								30F 4200					
		au s	CON OF CHA	CURD		VH		り	33	<i>0 '</i>	Mitcatal C		RCHASL C	adta sul	21)4			
-					Custom f da					143	Fat	FAT	E					
!		1-	30 YRD	TEMP R	6 WITH	ΙΟ Ου. ·	YARD	5,	<u>k</u> be	SOSX					RH			
			- 1	AL RATE		1000.	YAR	25_				/		=R 2	U. Y.	4RP)	1
		1		ELINE		2 R/	5	<u> </u>				50°. 50°.		-				
į	ADDITIONA		CTIONS/COM	MENIS	1													-
				TO PL			-		10			. 7		1 . A	•			
- !				EARLY NE O										t-1~(•			
				/	•		-					- (Ì
			<u> </u>	YPES AND ANO											<u></u>	· · · · ·		
in a				I REVERSE SIDE A	NO THE ATTACH	ied contr	ACTOR	'S DEI	F'NITIC	on of spei	CIAL WAS		E PART RAETU		ALREEN	MENT.		
USON CF4	althopicle cr Ecult (= 5 X		Jan	nes (The	<u>~ † 1</u>		AEPAL:	UEN FATIN	VE \$ SIGNATUR	E	<u> </u>	V	100	7	7.	<u></u>	-
A HL	··· = .X					<u> </u>		G M RL	<u>. 2007. –</u>					<u></u>	0 MTE		:===	

COPY	7
------	---

ASBESTOS DEMO/RENO NOTIFICATION FORM

Air Resources Division

Waiver #:		of Environmental S	ervices	
ite Owner: <u>Budi III</u>	Oct Oil Site	Operator:	Alvanced Enne	ummental Son
Address: 7 Kellu	Roan			un Strid
Plaistou			Concord ALL	<u>A330/</u>
<u></u>			Concorr, 11-47-	
Phone: 603/27/	-2941	Phone:	.800/745-1	192
Contact: Mr. Roll	At Monmocurchi	Contact:	and Mills	
			Demo	(X)
Site/Building Name:	unde Waste Oil		Reno	()
Address: 7 Kelly R		Ŧ	Removal	(x)
	DA SUPFREUND SIT		Encapsulation	(
	<u></u>		Pickup/Disposal	()
	_		Emergency D/R	()
Site Description:	counted stonal (Maria Alda	Alandmed	
Size: Anny GOOSF #1	Floors ALE	ge_ 30 vos Pri	ior Use <u>() / Comp</u>	MARIA
Size. MAULAP. #1	10013 <u>01015</u>		irrent Use_ <u>Alon</u>	
Amount of ACM musson	Amour	it to be abated:	ment use	
Amount of ACM presen	ar feet friable	IL IV DE ADALEU.	Start Datas Ton	2-21-99
		2	Start Date: Tues	
2000 Linder Squa	re feet friable		End Data What	11-11-06
then Colling Surver miles	ir non-iriable	······································	End Date: ////	9-14-78
squa	re non-friable			
ocation in building of the second sec	tim	g <u>ceiling</u>	Hours of Operati Days of Operatio	A.M. D.A. on: <u>7:30 - 5:00</u> n: <u>Man - FAL</u>
	and Mills	, C		
Site Supervisor:		·····		
	In the Management	a 111h		
•	last Immonument		2 Productor 11	1. Dead
Final Disposal Site:_///		4/75 9	a Rochuster Nec	K KOUD
XQ	MISUS (XICIUC) -	NUU XANADI		
	Interior:	· · · · · · · · · · · · · · · · · · ·	has and the	
Nature of methods to be	used: <u>+ III (Ma</u>	nmm	5- papt all	sn e
MIGOTINE OIN Exter	<u>nor: Kospinatory Equ</u>	yomint, (M	TTAL CAMULI	<u></u>
Procedures to be employ Loluled, Contain	yed for compliance: <u>///</u> M/ M/ Sutr f.M. a	t Dava, Doi	ale Bag, Pr	ppnly
Unusual work practices	to be employed:			
Authority ordering dem	o (if applicable): <u>Deve</u> Stole & <u>P.6 Box</u>	95, Concord	Suser Fund S. of Ensumments New Hampshin	ite) . I Services
-	n, NHDES-ARD, 64 No. Main S Steve Cullinane	1. PO Box 2033, Concor		2941

.

	X	" x " (
		•	
NOTIFICATION OF DEHOLITIC	ON AND RENOVATION	(continued)	
DESCRIPTION OF PLANNED DEMOLITION OR REA	NOVATION WORK, AN		JSED:
A comptrie chan-up of contamina "illing & Linoleum & Roof Math	erials outside	mostly from	
. DESCRIPTION OF WORK PRACTICES AND ENGINE EMISSIONS OF ASBESTOS AT THE DEMOLITION		C BE USED TO PREVEN	
Aspestos to be removed utilizing			n, Hepalacs,
Negative Air, Water, Proper Baggin Exterior Roof - All Materials Will	g & Labeling	, (Interior) + while Tar Rope	r I Elashing is
XII. WASTE TRANSPORTER #1 Moved.			
Name: Advanced Environmental Se	rvices		
-Address 44 North Main Street	Base ment		
-city: (Concord	State: NH	zip: 0330/	
Contact Person: Janet Mills	<u> </u>	Telephone: 800/74	5-1192
WASTE TRANSPORTER #2		· · · · · · · · · · · · · · · · · · ·	
stame: 1. 1			
Address		•	
21ty:	State:	Zip:	
Contact Person:	· · · · · · · · · · · · · · · · · · ·	Telephone:	
CII. WASTE DISPOSAL SITE	- x		
Hame: Turnkey Manage	ment of	J.H	
"Deation: 90 Rachester Neck Ro	ad	· · · · · · · · · · · · · · · · · · ·	
"ty: Rochester	State: AHH	Zip:	
Lephone: 603	1330-2134		
.V. IF DEMOLITION ORDERED BY A GOVERNMENT	AGENCY, PLEASE	IDENTIFY THE AGENCY	BELOW:
Name: State of N.H.	Ţitle:	603/271-2941	
uthority: Bab Manachu	ichi		
Date of Order (HH/DD/YY):	Date Ordered to 1	Begin (HH/DD/YY):	· .
/. FOR EMERGENCY RENOVATIONS	,	·	
Date and Hour of Emergency (HH/DD/YY):		•	
Description of the Sudden, Unexpected Event:	7	•	
Explanation of how the event caused unsafe condition	s or would cause equi	pment damage	
or an unreasonable financial burden:	en ante a la companya de la companya		
YUT DESCRIPTION OF PROCEDURES TO TRE TOTAL		· · · · · · · · · · · · · · · · · · ·	
XVI. DESCRIPTION OF PROCEDURES TO BE FOLLOW FOUND OR PREVIOUSLY NONFRIABLE ASBESTO OR REDUCED TO POWDER. All WORK W	S MATERIAL B_COM	ES CRUMBLED PULVER	RTZED.
on-she hygienist and proceed	w further a	batement under	direction of hygienis
II.I CERTIFY THAT AN INDIVIDUAL TRAINED I PART 61, SUBPART M) WILL BE ON-SITE DU THAT THE REQUIRED TRAINING HAS BEEN AO FOR INSPECTION DURING NORMAL BUSINESS	JRING THE DEMOLIT	TON OR RENOVATION A IS PERSON WILL BE A Year after promu	AND EVIDENC AVAILABLE 11gation)
VIII. I CERTIFY THAT THE ABOVE INFORMATION		An in	(Date)
	Vanit M. 1	Mills .	123/98 -
7/	·····	-10-2-2+0-1	(Date)

41117))D OT LANE of N.H. owner) Becde Waste Plaistow Q 3301 obert Mannacucchi · 603/1271 3294 Oi! Becdeulaste T-Kellin Rood Plaistow 03-01 NH Interior front of Blog. - Exterior, Roof AAXX 35 1 Story Droccupicd 6000 S.F. Commercial, Oil Company A LAN CLARKER E Bulk Samples by Covino Associates. Boiler Rope Roof & Ceilin 6000 14/10/98 13/30/98 4/17/98

Brede Waste Oil 7 Kelly Rd. Plaiston, NH.

PROJECT NOTES Assured on site aprox 7:30. Ken Epman of Conino was <u>- Tuesday</u> 3-31 , the designated hygunist for the day. Set Up for full containment was started. It was discovered that all g the poly shating and asbests lags as well as our duct tape was missing. (This was for material that was dropped op during the pressions week.) All of this material had to be repeaced. With what was ligh, set up began. Hyguenist monitored all progress. Om Sete: AES Janet Mills, James Dohnty Course, Ken Epiman Lednesday Full containment set up continued. Electrical Hook-ups had to be run to accomposate use of water pump, Macuums Migotive an equipment and hand tools. Ares gand Mills James Courty Om-Sole: Course Rol- Thompson Completed gull containment set up Approved for abatement Activity to begin by Rob Thompson, on-sete human an Parama Thursday 4-2 hygemist per Corino In the apternoon, started actual aboutement by picking up and containing all visible contaminated delsis in work areas. On-Sde: AES, Janet Mills James Doherly Covino, Rob Thompson



Friday Continued clean-up and above ment activities. 4-3 Ceilings were torn down and linoleum was reped up. All ACM was placed in poly lined girore drums, 55 gal. size. Hyguent monitored all abatement progress from both inside and outside of containment. Pump wise run and are as samples were collected and analyzed by pygumst, Rob. Thompon. Janet Mills AES Jones Dohuty AES On Site = _ at . 4-4 NO_WORK w. 4-5 NO WORK Continued abstement activities on interior of blog. _ 10nday All bulk delives was containized and all ACM was segregated to holding area of equipment ores of decontamination und in preputition for ditail cleaning and for visual and ais clearance analysis on Two. A.M. On Site = AES Janet Mills, James Doherty Cavino Rob Thompson Also, Stive Cullinane, NH, Dept, & Ais Resources made a site visit. He was shown the roop and spoke about you ditails with hygienist. Sterr psued his approval to alate any mastic that would as



Tuesday Detail cleaned interior of side B gos final ais - 4-7 clearance and resual inspection. Exterior Log. abotement started with 3 man crew. During exterior abatement activities, it was discovered that in addition to the visible exterior rog, these love two (2) sub roops in 3 seperate areas g the roof system. This added aprox. 2000 S.F. extra to the alatement that had to be performed. Rob Thompson was informed of this, plus he inspected these listra areas of alatemine to verify square bootage amounts. It was decided that these unexposed areas of non would also have to be handled as asbestos containing material as they also were constructed with the some adhesive, multi-layes tas papes and wood dusing Unification of square footage of extra datement was imperative due to the fact that the added cast was to be calculated from the extra und cast submitted. A copy of this proposal is attached (17.10 per square bast) ett is understood that 10% over is allowed. according to the proposal, before the extra unit cost price well kick-in.

Funday The extro abotement was started on the Dog surface. The intenior of side B uas also ready for final air cliarance and resual inspection. The final analysis use performed and areas passed. At this point, a negative air machine uses removed and moved to side A gos abotement cleaning of that area. Also, it would now be acceptable for the roop directly_ overhead side B to be removed which would expose the newly alated interior of side B James Doherty On Site: AES Jand Mills Alberts Martinez Minto-Rosario Julian Reijes Rob Thompson. Corro State & N.H., Aus Resource Dept. Stor Cullinane

COPY Ulednesday Began abstement activities on Side "A". Abatement consisted of primarily stripping _____4-8_ remaining ceiling shut sock, picking up and containing all visible debris on ploon surface and inside of 2 disignated anti-guese tanks. Upon starting the tank cleaning, it was discovered that all of the water in the tamps was contaminated. This water had to be lagged up and also disposed of as astestos uaste. The tank on the left side of the room contained bulk delvis, water and sel studge. All of the liquid contaminants had to be drummed seperately and stored on - sets at .___ ___ bude Master Oil. The drum was properly labeled and stored in the disignated storage ana. The remaining delsis was disposed of as asbestos containing waste On Sete: AES Jand Mills James Dokuty Alberto Mastinez Mento Rosario Julian Rups Also on this day, contrued any abotement,

COPY

Waste Management Iropped gg 30 cubic yord _ Thursday_ _disposal container for Astestos Ulasti Material. <u> 4-9</u> Continued abatement procedures on rag and detailed and fine cleaned interior of tank room of side A. Visual inspection and final ais clearance collected and analyzed from ais samples on side A. All ais analysis have passed clearance criteria. On Site: Jand Mills James Dohesty AES Ref. Thompson - Corino Broke-down interior aslestes containment ofter Friday issuance q final air clearance testing 4-10 Picked up rog delives from reas of building to start packing asbestos containing On Site: Janit Mills, - James Dohnly AES Bob Thompson Corro

COPY [-Monday] Finished picking up remaining roop debris around perimetes of building and loaded 4-20 into container. Moved all full drums and lags from interior of building outside and into containin All containers, loch drums and bags use labeled with pre-printed a hesite stichers with all pertinant identification details; (such as generator, contractor and licence I.D.) On Site: AES Janit Mills James Doherty Course, designated hyginist, Ben (this was a dypoint higginist, as Rob Thempson had other job commitments this day). Alo, all inspections was performed visibly by Ken at Corino on outside of building Set Up Boilis Room to remove siction packing Tuesday_ from boiles. Performed abatement procedures 4-21 under full containment. Visual inspection and ais cleanance conducted and collected by Kob Thompson of Conno. (An & Visual passed Elessance criteria) bog abatement detailed and fine cleaned.

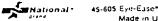
COPY Removed all ballasts from light fixtures Bos proper disposal. All PCB and Non-PCB ballasts were designated and prepared for proper disposal of disposed of as construction debris. Maste Management siched up asbestes (1 30 yd. Full) containes for disposal in Rochester. Uler . Packed up all equipment into AES truchs. Removed all signs and poly barriers in 4-22 preperation for site demolition On Sitc: Janet Mills, James Dohesty AES Kol- Thompson Cound Kon Olszak, Olszak Construction, Returned to site to collect remaining equipment. Thu. EPA, Sanborn-Hill and State of NH officials 4-23 were conducting a search of rage area storage room which had not bun detected previously. Flourescent Bulbs, Tas Papes and misc ceiling tiles une taken back for proper Luposal by AES On Sole: AES James Doherty Conno, Rol- Thompson Sanlown-Hill, EPA & State officials.

Breve Wu. Cur Plaisbus, NH	TIME OUT		daily until daily until completion 4 - 14 - 98	daily until Completion 4-17-98	yob " completed				
SITE LOUATION: Ben Kelly Rd, Pl	REASON FOR VISIT	n Pre-start site meeting	started asbestos remoral	started demolition work	picked up final demo trailen				
SITE ENTRY LOG	EMPLOYER	R.J. Olszak Construction	Advanced Environmental Services	R.T. Olszak Const	R.J. Olszak Const.				
	SIGNATURE	Ronald Olszak Donna Olanjabu	-Tanet Mills Tames Duherty	Ronald Olszak Obris Olszak Beth Carter	Chris Olszak	-			
	TIME IN					, e			
	0ATE ====	3/18/88	3/31/98	99/4/4	86/07/4				

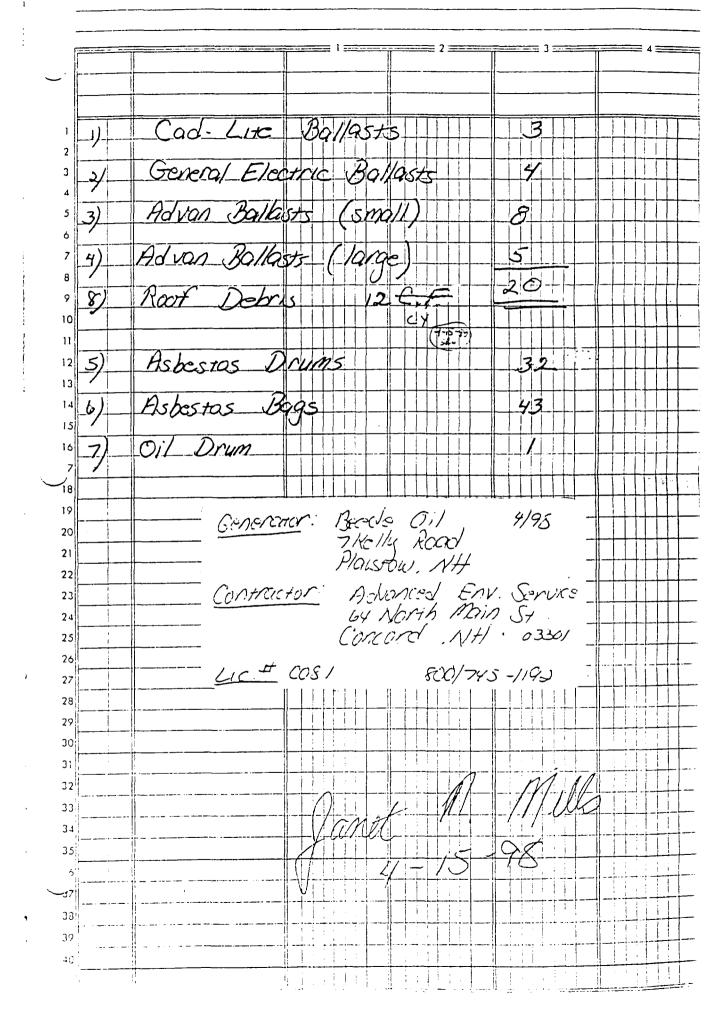
COPY

APPENDIX C

AES ASBESTOS AND PCB BALLAST INFORMATION







APPENDIX D

ANALYSIS OF LEAD IN AIR SAMPLES BEEDE WASTE OIL 7 KELLY (sic) ROAD PLAISTOW, NEW HAMPSHIRE BY COVINO ENVIRONMENTAL ASSOCIATES, INC. OF WOBURN, MASSACHUSETTS MAY 7, 1998



300 Wildwood Avenue • Woburn, Massachusetts 01801 Tel 781.933.2555 • Fax 781.932.9402 • email covino@tiac.net

May 7, 1998

Mr. Jim Taylor Sanborn, Head & Associates 6 Garvins Falls Road, Suite 1 Concord, New Hampshire 03301

Ref: Covino Project 98.00374A Analysis of Lead in Air Samples Beede Waste Oil 7 Kelly Road Plaistow, New Hampshire

Dear Mr. Taylor:

On April 15, 1998 and April 16, 1998, a representative of Covino Environmental Associates, Inc. (Covino) collected personal air samples on Ron Olszack during the demolition of a building at Beede Waste Oil at 7 Kelly Road located in Plaistow, New Hampshire. Covino understands that the personal air samples were collected during demolition activities which reportedly disturbed lead-based paints (LBP). The purpose of the monitoring was to provide initial employee exposure monitoring for lead as required under Occupational Safety and Health Administration (OSHA) regulation 29 CFR 1926.62, during operation of an excavating machine.

The air samples were submitted to ProScience Analytical Services, Inc. (ProScience) located in Woburn, Massachusetts. They were analyzed in accordance with the National Institute for Occupational Safety and Health (NIOSH) Method 7082. The analytical results of the personal exposure monitoring for airborne lead during maintenance activities are presented in Table 1 as micrograms of lead per cubic meter of air ($\mu g/m^3$).

Table	1. Ai	rborne	Lead	Monitoring

Sample I.D.	Date	Description/Location	Sampling Period	Airborne Concentration [*] (µg/m ³)
. 01	4/15/98	Personal, Ron	8:59 am	None Detected
		Olszack, Excavator	to	(< 5.0)
		Operator	1:40 pm	

Sample I.D.	Date	Description/Location	Sampling Period	Airborne Concentration [*] (µg/m ³)
02	4/15/98	Personal, Ron Olszack, Excavator Operator	2:10 pm to 6:00 pm	None Detected (< 5.0)
03	4/16/98	Personal, Ron Olszack, Excavator Operator	8:46 am to 4:30 pm	None Detected (< 5.0)

Table 1. Airborne Lead Monitoring (cont.)

^a concentration during the sampling period

The OSHA permissible exposure limit (PEL) and Action Level, as well as the American Conference of Governmental Industrial Hygienists (ACGIH) Threshold Limit Value (TLV), for lead are listed in Table 2. These are 8-hour time-weighted average (TWA) levels not to be exceeded as an average concentration over an 8-hour work shift. The OSHA PELs are legally enforceable exposure limits, whereas the ACGIH TLVs are recommended guidelines.

Table 2. Occupational Exposure Limits

		p	
		OSHA	
	OSHA PEL	Action Level	ACGIH TLV ^e
	8-hour TWA	8-hour TWA	8-hour TWA
Substance	(µg/m ³)	$(\mu g/m^3)$	(µg/m ³)
Lead	50	30 ·	50

^e 1996 TLV

The results indicate that full-shift airborne lead concentrations in the excavator operator's breathing zone during demolition operations were well below the corresponding OSHA PEL, the OSHA Action Level, and the ACGIH TLV for lead, all as 8-hour TWA concentrations.

Regardless of the lead exposure level, under the regulation, the following requirements apply if the potential for exposure to airborne lead exists:

• The employer must provide a respirator when a respirator is requested by the employee (use of a respirator requires a respirator program).



- The employer must maintain work area surfaces and eating areas as free as practicable of lead-containing dust.
- The employer must provide adequate hand-washing facilities.
- The employer must provide training regarding the hazards of lead in accordance with 29 CFR 1926.59.

Enclosed please find the laboratory analytical results. If you should have any questions, or if you should require additional information, please call.

Sincerely, Covino Environmental Associates, Inc.

metersport. I have

Brenton D. Morgenstern Project Manager

BM/mjg Enc.

f:\LeadAsbestos\Rob1\98.00374A



ATTACHMENT - PROSCIENCE ANALYTICAL SERVICES, INC. LABORATORY REPORT





١

ProScience Analytical Services, Inc.

22 Cummings Park - Woburn, MA 01801 - 781-935-3212 - FAX 781-932-4857

			Laboratory R	eport			
Name: Company: Address: Client Job No: Project Site:		Covino Environmentz 300 Wildwood Ave. Woburn, MA 01801 98.00374 NA	ll Associates	PASI Batch No.: C980352 Date Received: April 17, 1998 Date Analyzed: April 21, 1998 Date of Report: April 21, 1998 Paul Fyfe, Chemistry Laboratory Manager Adrian Stanca, Laboratory Director			
	<u></u>		Lead Analysis in Air Usin	g NIOSH 7082			
			Lead Analysis,	Ug/M ³		······	
Lab ID	Field <u>ID</u>	Sample <u>Date</u>	Sample Description	Sample Results	Detection Limit	<u>Comments</u>	
C10645	001	04/17/98	Personal, Ron Olszack	<5.00	5.00		
C10646	002	04/17/98	Personal, Ron Oiszack	<5.00	5.00		
C10647	003	04/17/98	Personal, Ron Olszack	<5.00	5.00		
	All samples are reported in total micrograms. No air volumes supplied.			RECEIVED			
				APR	2 3 1998		
				no uno e	NVIRONMENTAL		
				·			
				-			
	• <u>-</u>	ż.					

APPENDIX E

WEIGHT SLIP FOR THE DISPOSAL OF METAL AT MAX COHEN & SONS, INC. ADVANCED RECYCLING, IN CONCORD, NEW HAMPSHIRE



PURCHASED FROM: R.J. OLSZAK 717 NAYHEW TURNFIKE BRIDGEWATER. NH 03222 DATE I DESCRIPTION OF MATERIAL I NET I -+ ł F 1 i 1 C71324 1 1420 04/15/96 | ALUMINUM, OLD i ≙6180 ' 04/15/98 | STEEL, MIXED Chron PALD WITH CASH Payment received_

DATE: 04/15/98 INVOICE #: 0000077865

PROVIDING TOTAL QUALITY RECYCLING

25 SANDQUIST STREET, CONCORD, NH 03301/603-225-CANS/FAX 603-225-0656 1-800-227-8911 10 WALLACE STREET, ROCHESTER, NH 03867/603-332-3704/FAX 603-332-3862 1-800-287-3704 399 WILLOW STREET, MANCHESTER, NH 03103/603-622-8484/FAX 603-647-4009 1-800-640-648

Esyling: Alloys • Auminum • Aluminum Cans • Batteries • Brass • Cast Iron Copper • Radiators • Steel • Steel Cans • White Goods & Light Iron