TDD No.: 8710-40

Site Name: Raybestos, Manhattan, Mahm

SITE SAFETY PLAN

ORIGINAL (Red)

Site Name: Raybestos, Manhattan, Mahm Co.

Contact: Dennis Weller

Address: 123 East Stigl Street

Phone Number: (717) 665-2211

Manheim, PA

Other Contacts:

Purpose of Site Visit: Preliminary Assessment

Proposed Date of Work: 11/23/87

Proposed Site Investigation Team:

NUS Personnel	Responsibilities:
(b) (4) [redacted]	Site Leader
	Assistant Site Leader/Safety Officer

Other:	Purpose:

Plan Preparation: (b) (4) [redacted]

Prepared by: (11/16/87)

Approvals: (b) (4) [redacted]

Regional Health & Safety Manager: (11/16/87)

Regional Manager: (11/16/87)

TDD No.: 8710-40

Site Name: Raybestos, Manhattan, Mahon

ORIGINAL (Red)

Background Information:

Site Status: ___ Active ✓ Inactive ___ Unknown

Site Description (be specific, include topography, structures, etc.):

The landfill lying at the confluence of Doe Run and Chickie's Creek is approximately 2-3 acres in size. Landfill use was stopped in the 1960's. The only types of wastes placed in the landfill included asbestos and lead wastes. The landfill has been covered and reseeded, S.A.P. 10/97 ~~and~~ no wastes are present at the landfill surface.

Site History: Raybestos (now Raymark, Incorporated) has been at the Stigl road location for more than 60 years. Mr. Dennis Weller, an engineer for Raybestos notes that landfill use stopped in the 1960's. Mr. Weller also noted he was unsure of when the company started using it. The company is presently trying to obtain proper closure for the landfill from Pennsylvania Department of Environmental Resources.

Monitoring used on previous site work or previous sampling data:

Geoscience Consultants conducted sampling at the landfill approximately six months ago for EPA. The results have not been sent to NUS as of this date.

TDD No.: 8710-40

Site Name: Raybestos, Manheim, Mahon

ORIGINAL (Red)

Hazard Evaluation

Waste Types: ___Liquid ✓Solid ___Sludge ___Vapor

Characteristics: ___Corrosive ___Ignitable ___Radioactive

___Volatile ___Toxic ___Reactive

___Unknown ___Other _____

Task: Preliminary Assessment Low ___ Medium ___ High ___

Identification of Hazards/Hazard Assessment:
The landfill is inactive and has satisfactory cover and vegetation, according to the Plant Engineer at Raybestos. No contact with hazardous materials is expected. Therefore, a low hazard assessment has been assigned.

Task: _____ Low ___ Medium ___ High ___

Identification of Hazards/Hazard Assessment:

Task: _____ Low ___ Medium ___ High ___

Identification of Hazards/Hazard Assessment:

Task: _____ Low ___ Medium ___ High ___

Identification of Hazards/Hazard Assessment:

OVERALL HAZARD: ___Serious ___Moderate

✓Low ___Unknown

TDD No.: 8710-40

Site Name: Raybestos, Manhatten, Mahm

Hazardous/Toxic Known or Suspected Materials	Concentration	Media	Toxic and Pharmacologic Effects	PEL, TLV, IDLH	Reactivity, Stability, Flammability	Special Monitori Instrume
Asbestos	unknown	solid	Carcinogen: Asbestosis - diffuse, non-malignant scarring of lungs Bronchogenic carcinoma - malignancy of lung, interior	TLV = 0.2 fb/cc ~~mod~~ IDLH - Carcinogen	No incompatibilities	
Lead	unknown	solid	Carcinogen; Lead fumes and compounds cause poisoning after prolonged exposure. Most important means of entry into body is inhalation	TLV = 0.15 mg/m³ PEL - .05 mg/m³ IDLH - N/A	moderate flammability hazard when exposed to heat or flame Strong oxidizer incompatible with hydrogen peroxide, Sodium, potassium, active metals	

ORIGINAL (Red)

TDD No.: 8+10-40

Site Name: Raybestos, Manhattan, Mahon

REQUIRED LEVEL(S) OF PROTECTION:

Task	Name	Respiratory	Clothing	Gloves	Boots	Other; Modifications
PM	(b) (4) [redacted]		SEE BELOW			
SSO			SEE BELOW ↓			
SMO						
Surveillance (PA, site recon, etc.)	(b) (4) [redacted]	D	F	N/A	W	Leave area If H-nu readings ~~of mini alert~~ readings exceed background
		D	F	N/A	W	
						a observe from an area where HNU Readings do not exceed background
Samplers						
Other						
Decon						

Cotton=C Field=F Saranex=S

Butyl=B Cotton=C Latex=L

Fireman's=F Latex=L

ORIGINAL (Red)

TDD No.: 8710-40

Site Name: Raybestos, Manhattan ORIGINAL (Red) Mahon

Proposed On-site Activities: The preliminary assessment at this site will consist of a walk around survey and photograph documentation. Continuous monitoring will be done with the H-nu meter and radiation mini alert while on site.

Monitoring Procedures:

Site Monitoring Equipment:

- ✓ HNU
- ___ OVA
- ___ Photovac
- ___ Draeger Tube & Pump
- ___ Victoreen Radiation Detector
- ✓ TLD Badge
- ✓ Radiation mini-alert
- ___ Explosimeter
- ___ O_2 meter
- ___ Other: _____

Methods and Frequency of Surveillance: (For compounds > 10% PELs, see page 4)

_____

_____

Monitoring Equipment Calibration:

✓ HNu
As per manufacturer's recommendations, a field calibration is necessary once every three days. Calibration dates are recorded in the project logbook.

___ OVA
As per manufacturer's recommendations, a field calibration is necessary every three days. Calibration dates are recorded in the project logbook.

✓ Mini-Alert
A battery check and a response check were made prior to leaving the FIT office and will be made immediately prior to instrument use in the field. This field procedure will be documented in the log book.

___ Other

TDD No.: 8710-40

Site Name: Raybestos, Manhattan, Mohn

ORIGINAL (Red)

Decontamination and Disposal:

Personnel Decontamination Procedure: (X) level to be utilized

____ Level A - Segregated equipment drop, boot cover and glove wash, boot cover and glove rinse, tape removal, boot cover removal, outer glove removal, suit and hard hat removal, SCBA backpack removal, inner glove wash, inner glove removal, inner clothing removal, field wash redress.

____ Level B - Segregated equipment drop, boot cover and glove wash, boot cover and glove rinse, tape removal, boot cover removal, outer glove removal, SCBA backpack removal, suit and hard hat removal, inner glove removal, inner clothing removal, field wash, redress.

____ Level C - Segregated equipment drop, boot cover and glove wash, boot cover and glove rinse, tape removal, boot cover removal, outer glove removal, suit/safety boot wash, suit/safety boot rinse (Canister or Mask Change), safety boot removal, splash suit removal, inner glove removal, inner clothing removal, field wash, redress.

____ Level D - Segregated equipment drop, boot and glove wash, boot and glove rinse.

____ No personnel decontamination is necessary.

✓ Modifications (specify): No decontamination will be necessary

Equipment Decontamination: No contaminated equipment will be generated

Disposal Procedure for Investigation Derived Materials: No waste material will be generated

IONIZING RADIATION: Normal background 0.01 to 0.02 mR/hr

If less than 2 mR/hr, continue investigation with caution.

If greater than 2 mR/hr, evacuate site.

*Note: Background 10-20 CPM on mini-alert

TDD No.: 8710-4 ORIGINAL (Red)

Site Name: Raybestos, Manhattan, Maho

SITE OPERATING PROCEDURES/SAFETY GUIDELINES

1. Always observe the buddy system. Never enter or exit a site alone, and never work alone in an isolated area. Never wander off by yourself.

2. Always maintain line-of-sight.

3. Practice contamination avoidance. Never sit down or kneel, never lay equipment on the ground, avoid obvious sources of contamination such as puddles, and avoid unnecessary contact with on-site objects.

4. No eating, drinking, or smoking outside the designated "clean" zone.

5. In the event PPE is ripped or torn, work shall stop and PPE shall be removed and replaced as soon as possible.

6. Be alert to any unusual changes in your own condition; never ignore warning signs. Notify Health and Safety Co-ordinator as to suspected exposures or accidents.

7. A vehicle will be readily available exclusively for emergency use. All FIT personnel going on site shall be familiar with the most direct route to the nearest hospital.

8. In the event of direct skin contact, the affected area shall be washed immediately with soap and water.

9. Copies of the health and safety plan shall be readily accessible at the command post.

10. Note wind direction. Personnel shall remain upwind whenever possible during on-site activities.

11. Never climb over or under refuse or obstacles. Use safety harness/safety lines when sampling lagoons, stream beds, and ravines with steep banks.

12. Hands and face must be thoroughly washed before eating, drinking, etc.

13. Any modifications to this safety plan **MUST** be approved by the RHSM or designee.

Special Procedures: ~~None~~ EH. 11/16/87

Escape Packs will be carried at all times on Site

TDD No.: 8710-40

Site Name: Raybestos, Manhattan, Mahm

ORIGINAL (Red)

Confined Space Entry

✓ No attempt will be made to enter abandoned buildings, manholes, tanks, or any other confined areas.

___ Other:

Medical Surveillance

✓ No site specific medical surveillance is required for this task.

___ Medical surveillance will be as follows:

Personnel Monitoring

✓ Personnel monitoring will include only the use of the TLD badge. No further personnel monitoring is required.

___ Personnel monitoring will consist of:

TOPIC	HRS	Scott Britt DATE	Randy Petersing DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE
INTRODUCTION	40	4/6/87	7/16/86										
SAMPLING	16	↓	↓										
DECONTAMINATION	4	↓	↓										
HMU	4	↓	↓										
FIRST AID	8	4/6/87	4/6/87										
CPR	8	4/6/87	4/6/87										
SCBA REVIEW	2	4/6/87	8/26/87										
FIT TEST	0.5	4/6/87	8/26/87										

ORIGINAL (Red)

TDD No.: 8710-40 ORIGINAL (Red)

Site Name: Raybestos, Manhattan, Mahon

EMERGENCY SITUATIONS

Air Releases or Fire/Explosion:

In the event of an unexpected air release or fire/explosion, on-site personnel will travel at a right angle to the upwind direction. The Site Safety Officer (SSO) will then account for all personnel and notify the proper emergency agencies.

In the event the SSO is unavailable, the Project Manager will assume these responsibilities.

Emergency Site Control:

In the event of an emergency, the SSO will discourage any unauthorized personnel from entering the site. If necessary, the SSO will contact the proper authorities.

Personnel Injury:

If on-site personnel require emergency medical treatment, the following steps will be taken:

1) Evaluate the nature of the injury.
2) Decontaminate to the extent possible prior to administration of first aid or movement to emergency facilities.

First Aid Procedures:

Skin Contact: Remove contaminated clothing. Wash immediately with water. Use soap if available.

Inhalation: Remove from contaminated atmosphere. Artificial respiration, if necessary. Transport to hospital.

Ingestion: Never induce vomiting on an unconscious person. Also, never induce vomiting when acids, alkalis, or petroleum products are suspected. Contact the poison control center.

Equipment Failure: In the event that air monitoring equipment fails to operate, all personnel will exit the site immediately and notify the RHSM or designee for further instructions.

TDD No.: 8710-40

Site Name: Raybestos, Manhattan, Mahm

ORIGINAL (Rev. 1)

Communication Procedures:

(Horn blast, siren, etc.) is the emergency signal to indicate that all personnel should leave the Exclusion Zone.

The following standard hand signals will be used in case of failure of radio communications:

Hand gripping throat ---------- Out of air, can't breathe

Grip partner's wrist or ---------- Leave area immediately
both hands around waist

Hands on top of head ---------- Need assistance

Thumbs up ---------- OK, I am all right, I understand

Thumbs down ---------- No, negative

The following will be used on an "as-needed" basis:

Channel _____ has been designated as the readio frequency for personnel in the Exclusion Zone. All other on-site communications will use channel _____.

Telephone communication to the Command Post should be established as soon as practicable. The phone number is _____.

TDD No.: 2710-40

Site Name: Raybestos, Manhattan, Mahm

ORIGINAL (Red)

The MSDSs identified below are applicable to the PA (SI, PA, site recon, etc.) for the Raybestos Manhattan, Mahm (site name) (TDD No. F3-8710-46):

	acetone
	alcohol anhydrous*
✓	air (breathing)
	alconox
	amyl acetate (banana oil)
	carbon monoxide gas
	gasoline
	hexane
	hydrogen
	isopropyl alcohol
	magnesium perchlorate*
	mercuric acetate powder*
	methanol
	nitric acid
	nitrogren
	pH buffer 4.0
	pH buffer 10.0
	phosphoric acid*
	smoke tubes
	sodium hydroxide
	spray paint*
	stannic chloride
	sulfuric acid*
	1,1,1-trichloroethane
	zinc acetate dihydrate
	_____
	_____
	_____

VOA Standards

	benzene
	toluene
	carbon tetrachloride
	trans-1,2-dichloroethene*
	trichloroethene*
	tetrachloroethene*
	vinyl chloride
	o-xylene
	m-xylene
	p-xylene
	chloroform
	ethyl benzene

*Not presently available

Prepared by Site Leader: (b) (4) [redacted]

Signature

TDD No.: 8710-40

Site Name: Raybestos, Manhatten, Mahm

ORIGINAL (Red)

Emergency Information:

Local Resources:

Ambulance (Name): Manheim Fire Co. Phone (717) 665-3661
Hospital (Name): Lancaster General Hospital Phone (717) 299-5511
Police (Local or State): Manheim Borough Police Phone (717) 665-2481
Fire Department (Name & Volunteer?): Manheim Fire Co. Phone (717) 665-3661
Radio Channel
Nearest Phone: Raybestos building (717) 665-2211

Office Resources:

Region III FIT Office..... (215) 687-9510
EPA RPO Kenneth R. Kryszczun.....(215) 597-3535
Office Manger - Donna Wallace (home).....(215) 368-7939
Operations Manager - Garth Glenn (home)..... (215) 947-5806
(b) (4) [redacted] e (home)..... (215) 593-6894
(b) (4) [redacted] (home).....(215) 459-8522
Zone, Tom Centi (office)..... (703) 522-8802

Emergency Contacts: (Medical and Health)

- NUS Consulting Physician - University of Pittsburgh

  Office..... (412) 648-3240

  Please follow procedures as outlined on the following page.

- Elmer Burd (NUS Zone Health and Safety Manager)

  Office..... (412) 788-1080
  Home..... (412) 335-0205

- Regional Health Maintenance Program
  Thomas Jefferson Hospital

  Cassie..... (215) 928-6918

  Lifestyles

  Lorna Summers..... (215) 436-8249

- Poison Information Center..... (215) 922-5523

- National Response Center..... (800) 424-8802
  (FOR ENVIRONMENTAL EMERGENCY ONLY)

Directions to Hospital (Attach Map): From Site, turn ~~right~~ left. SAB 11/10/87 Go two blocks to Route 72. Take Route 72 south to Lancaster. Go over railroad bridge Make a right onto Prince Street, Make a left onto Frederick Street, Go two blocks. Turn right onto Duke Street. The hospital lies

University of Pittsburgh

SCHOOL OF MEDICINE
Department of Medicine
Program in Occupational Medicine

ORIGINAL (Red)

Emergency Physician Access Plan

NUS Corporation, Superfund Division

December, 1986

A. MONDAY THROUGH FRIDAY, 9:00 A.M. - 5:00 P.M.

Dial the (412) 648-3240 number. When answered state that:

(1) you are calling from NUS Corporation;
(2) this is an emergency call.

Program Staff will be alerted how to contact the physician designated to provide emergency covereage on that day. Collect calls will be accepted.

B. EVENINGS, WEEK-ENDS & HOLIDAYS:

Dial the (412) 648-3240 number. An operator from the answering service will answer the telephone. Do the following:

(1) tell the operator that you are calling from NUS Corporation
(2) tell the operator that this is an emergency call
(3) give her your name
(4) give her the telephone number where the physician is to call. Be certain that she has written the correct number (area code and seven digits)
(5) if you do not receive a call back within 15 minutes, place a second call to (412) 648-3240

Collect calls will be accepted.

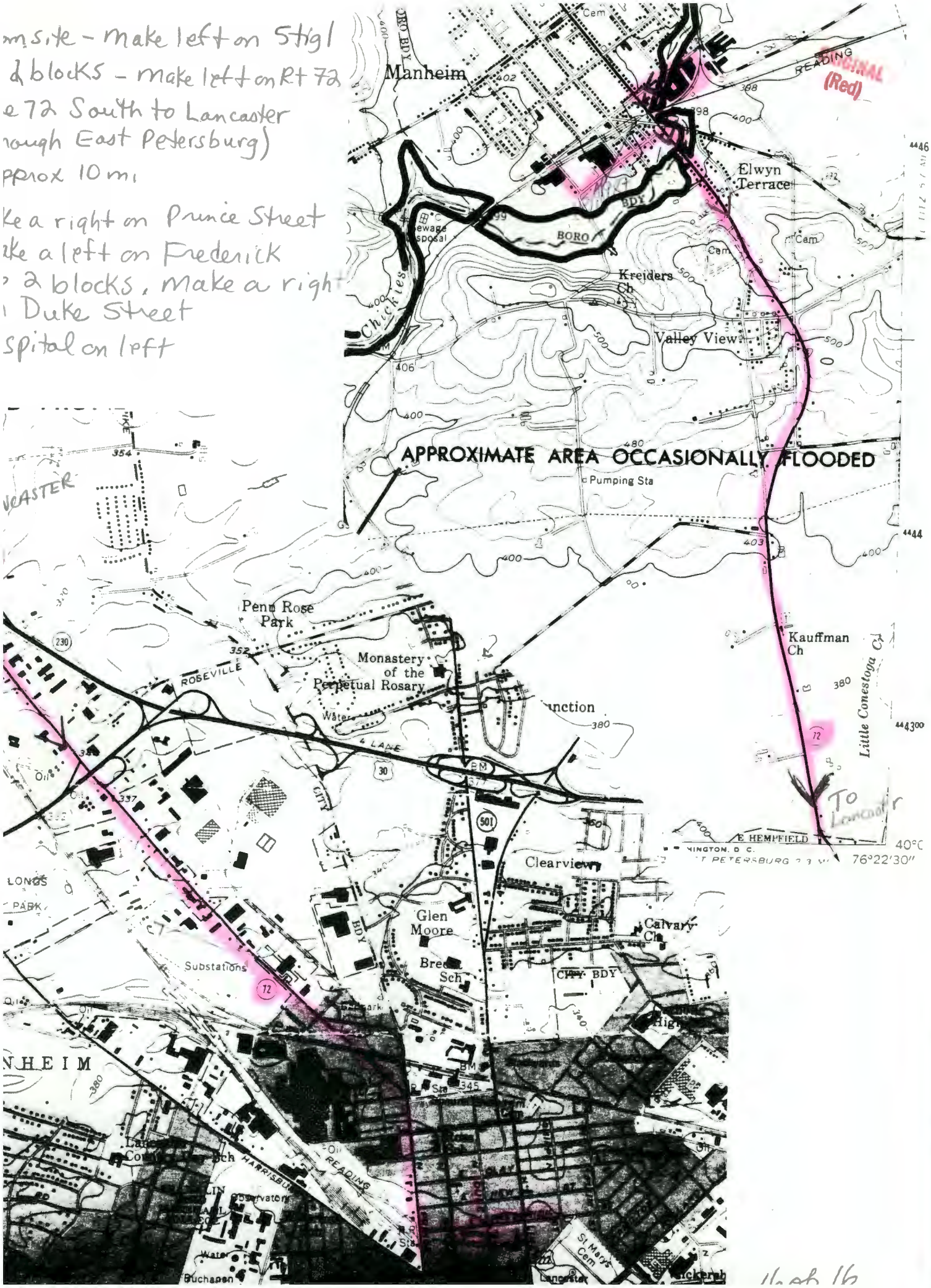
C. SITUATIONS WHERE EMPLOYEE REQUIRES IMMEDIATE TRANSPORT TO A HOSPITAL:

If the situation is life-threatening, ie., cardiac arrest or person not breathing, call the emergency medical services system and transport the person to the nearest hospital with advanced life support capabilities.

After obtaining assistance as stated above, call the (412) 648-3240 number and follow the procedures in A or B as appropriate.

m site - make left on Stigl
& blocks - make left on Rt 72
e 72 South to Lancaster
rough East Petersburg)
pprox 10 mi

ke a right on Prince Street
ke a left on Frederick
2 blocks, make a right
Duke Street
spital on left



Hab 16

MATHESON GAS PRODUCTS
MATERIAL SAFETY DATA SHEET

ORIGINAL (P 002

PRODUCT IDENTIFICATION

MSDS002: AIR

SYNONYM(S): None

CHEMICAL FORMULA: None

C.A.S. NUMBER: None

D.O.T. SHIPPING NAME: Air, compressed

D.O.T. I.D. NUMBER: UN1002

D.O.T. HAZARD CLASS: Nonflammable Gas

D.O.T. LABEL(S): Nonflammable Gas

PHYSICAL DATA

MOLECULAR WEIGHT: 28.96

BOILING POINT: -194.35°C; -317.8°F

SPECIFIC VOLUME @ 1 ATM, 21.1°C: 0.830 m^3/kg; 13.3 ft^3/lb

DESCRIPTION: Air is a colorless, odorless, nonflammable gas mixture composed of approximately 79% nitrogen by volume and 21% oxygen by volume. It is compressed and shipped in high pressure cylinders. Unless specifically labeled it is not to be used for breathing purposes.

FIRE AND EXPLOSION HAZARD DATA

FLAMMABLE LIMITS IN AIR: Nonflammable

FIRE FIGHTING PROCEDURES: Air is nonflammable and as such does not create a fire hazard. However, cylinders that are exposed to fire may rupture with violent force. They may be kept cool using a water spray applied from the maximum possible distance.

UNUSUAL FIRE AND EXPLOSION HAZARDS: High pressure air can greatly accelerate combustion.

HEALTH HAZARD DATA

PERMISSIBLE EXPOSURE LIMITS:

OSHA TWA: Not applicable

ACGIH TWA: Not applicable

ACUTE EFFECTS OF OVEREXPOSURE: Not Applicable

CHRONIC EFFECTS OF OVEREXPOSURE: Not Applicable

FIRST AID INFORMATION

Not applicable

REACTIVITY DATA

Air is a stable mixture.

Keep high pressure air away from oil, grease and readily ignitable materials. Under pressure it greatly accelerates combustion.

SPILL OR LEAK PROCEDURE

No special procedures are required. Compressed air is not hazardous except in the presence of oil, grease and other readily ignitable materials.

ORIGINAL (Red)

PRECAUTIONARY INFORMATION

STORAGE RECOMMENDATIONS: Cylinders should be stored and used in dry areas away from source of heat.

PERSONAL PROTECTIVE EQUIPMENT:

EYE PROTECTION - Safety glasses should be worn.

SKIN PROTECTION - No special equipment is required. Gloves are recommended for cylinder handling.

BEFORE USING THE GAS:

1. Secure the cylinder to prevent it from falling or being knocked over.
2. Leak check the lines and equipment.

* * * *

*** NOTICE ***

This data is furnished gratuitously, independent of any sale of the product, and only for your independent investigation and verification. While this data is believed to be correct, Matheson makes no representation as to the accuracy of the data. Matheson makes no warranties, guaranties or representations of any kind or nature with respect to the product or to this data, either express or implied, and whether arising by law or otherwise, including but not limited to any implied warranty of merchantability or fitness for any particular purpose. Matheson shall in no event be liable for any personal injury, property or other damages of any nature whatsoever, whether special, indirect, consequential or compensatory, directly or indirectly resulting from the publication or use of or reliance upon this data.

IN CASE OF EMERGENCY CALL THE NEAREST MATHESON LOCATION

Cucamonga, CA (714) 987-4611, Newark, CA (415) 793-2559, Morrow, GA (404) 961-7891, Joliet, IL (815) 727-4848, Gloucester, MA (617) 283-7700, East Rutherford, NJ (201) 933-2400, Twinsburg, OH (216) 425-4406, La Porte, TX (713) 471-2544

Site Specific Amendment to Work Plan PA-1, Rev. No. 3
(WPA-1, Rev. 2)

ORIGINAL (Red)

Site: Raybestos, Manhatten, Mahm

TDD No.: 8710-40

EPA Site No.: PA-1060

Project Manager: (b) (4) [redacted]

Date: 11/11/87

Revision No.: 0

Charge No.: PA KJ PA

1) Check below the sections of the Work Plan PA-1, Rev. No. 1 which apply to this specific project:

✓	1.0	SUMMARY AND REQUIREMENTS
✓	2.0	PRELIMINARY ASSESSMENTS
	2.1	OVERVIEW
✓	2.2	OBJECTIVE OF PRELIMIANRY ASSSSMENT
✓	2.2.1	CHARACTERIZATION OF HAZARDOUS SUBSTANCES
✓	2.2.2	IDENTIFICATION OF POLLUTANT DISPERSAL PATHWAYS
✓	2.2.3	IDENTIFICATION OF RECEPTORS
✓	2.2.4	CHARACTERISTIZATION OF SITE MANAGEMENT PRACTICES
✓	2.3	INFORMATION SOURCES FOR PRELIMINARY ASSESSMENT
✓	TABLE 2.1	INFORMATION AND SOURCE GUIDELINE
✓	2.4	FINDINGS OF PRELIMINARY ASSESSMENTS
✓	3.0	SAFETY GUIDELINES
✓	4.0	OPERATING GUIDELINES FOR FIELD MONITORING EQUIPMENT
✓	4.1	USE, CALIBRATION, AND MAINTENANCE OF THE HNU-PI-101
	4.2	USE, CALIBRATION, AND MAINTENANCE OF THE PHOTOVAC 10A10
	4.3	USE, CALIBRATION, AND MAINTENANCE OF THE OVA-128
✓	4.4	USE, CALIBRATION, AND MAINTENANCE OF THE RADIATION MINI ALERT
	4.5	USE, CALIBRATION, AND MAINTENANCE OF THE MSA EXPLOISMETER
	4.6	USE, CALIBRATION, AND MAINTENANCE OF THE MSA OXYGEN INDICATOR
✓	5.0	GUIDELINES FOR THE PERFORMANCE OF A PRELIMINARY ASSESSMENT
✓	6.0	LOGBOOK AND DOCUMENTATION REQUIREMENTS
✓	7.0	REPORT FORMAT
	7.1	NON-SAMPLING SITE RECONNAISSANCE SUMMARY REPORTS
✓	7.2	INTRODUCTION TO PRELIMINARY ASSESSMENTS
✓	7.3	PRELIMINARY ASSESSMENT REPORT FORMAT REQUIREMENTS
✓	7.4	MAP FORMAT REQUIREMENTS
✓	8.0	GENERAL INSTRUCTION FOR COMPLETING FORM T-2070-2
✓	9.0	REPORT PROCESSING
✓	10.0	FILE INVENTORIES AND GENERAL INVESTIGATION INFORMATION FORMS

ORIGINAL (Red)

2) Check below to indicate the documents which will be generated in the course of the project (both deliverable and non-deliverable):

- ✓ Final Report
- ✓ Draft Report
- ✓ Log Book
- ✓ Photographs and Negatives
- ✓ Well Questionnaires
- ✓ Safety Plan
- ✓ Site Safety Follow-up Report
- ✓ Task Related Correspondence
- ✓ Report Processing Forms
- ✓ Telecon Records
- ✓ TDD
- ___ EPA File Information
- ✓ State File Information
- ✓ Completion Document

3) List below any specific techniques to be implementd during the course of the project (ie. planned deviations from or additions to the Work Plan PA - 1, Rev. No.3): N/A

4) Attach to this work plan the following items:

ORIGINAL (Red)

TDD

Site Safety Plan

5) Complete the following work plan checklist:

Indicate where the item may be found or indicate N/A		Item
TDD	1.	SDD/TDD/ WA number
TDD	2.	EPA site identification
TDD	3.	Description of assignment
WPPA-1 Rev-3	4.	Technical approach
TDD	5.	Task breakdown of assignment
WPPA	6.	Account number
TDD	7.	Estimated technical hours
N/A	8.	Estimated subcontract cost
TDD	9.	Priority of work
SP, WPPA	10.	Project Manager identification
SP	11.	Project personnel requirements
SP	12.	Personnel assignments
SP	13.	Schedule for activities
N/A	14.	Milestones
SP, WPPA-1 Rev-3	15.	Background data
SP	16.	Data assessment summary
WPPA	17.	Required resources list
WPPA	18.	Cost and budjet management
N/A	19.	Procurement planning
N/A	20.	Special training requirements
TDD/WPPA-1 Rev-3	21.	Interface requirements
TDD/WPPA-1 Rev-3	22.	Access requirements planning
WPPA ~~WPPA~~ ~~SPA~~ SAB 1/14/87	23.	Documents to be generated
N/A	24.	Management reports
TDD/WPPA	25.	Report/ product requirements
WPPA-1 Rev-3	26.	Report/ product review
N/A	27.	Quality control requirements
WPPA-1 Rev-3	28.	Quality assurance requirements
N/A	29.	Community relations assistance requirements
SP	30.	Emergency planning considerations
SP	31.	Health and safety requirements

TDD = Technical Directive Document
SP = Safety Plan
PPA = This Document
PPA-1 Rev-3 = Generic WorkPlan

Prepared by,	Reviewed & Approved by,	Reviewed & Approved by,	Reviewed & Approved by,
(b) (4) [redacted]			
TDD Manager	Assistant Manager	Reg. Operations Manager	Reg. QA Representative
11/14/87	11/16/87	11/16/87	11/16/87
Date	Date	Date	Date

ORIGINAL

The undersigned have received, read, and understood this work plan amendment and all documents listed in item 4. (Must be signed by all project personnel.)

Name	Date

Note: This document, in conjuction with Work Plan PA-1, Rev. No. 3 ; the TDD and the Site Safety Plan fulfill the requirements of QAP 2.5 as found in the NUS Corp., Superfund Division Quality Assurance Manual Issue D.

FIT ZONE I CONTRACT
CONTRACT NO. 68-01-7346
TECHNICAL DIRECTIVE DOCUMENT (TDD)

1.A. COST CENTER: Region 3

1.B. ACCOUNT NO.: S575PAKJPA

2. NO.: F3-8710-40

2.A.: [X] NEW ASSIGNMENT [ ] AMENDMENT

ORIGINAL (Red)

3.A. PRIORITY: [X] HIGH [ ] MEDIUM [ ] LOW

4.A. ESTIMATE OF TECHNICAL HOURS: 80

5.A. SSID NO.: XXX

5.B. EPA SITE NAME: PA-1060 Raybestos-Manhattan, Manheim

6. DESIRED REPORT FORM: [X] FORMAL REPORT [ ] FORMAL BRIEFING [ ] LETTER REPORT [ ] OTHER (SPECIFY):

3.B. KEY EPA CONTACT: NAME: J. McCreary PHONE: 597-1105

4.B. ESTIMATE OF SUBCONTRACT COST: N/A

5.C. CITY/COUNTY/STATE: Manheim, Lancaster County, PA

7.A. START DATE: 10/26/87 field work

7.B. ESTIMATED COMPLETION DATE: 12/1/87 draft 12/28/87 final

8. TYPE OF ACTIVITY:
[X] PA [ ] SI [ ] ESI [ ] HRS SUPPORT [ ] QA SUPPORT [ ] SPECIAL STUDIES
[ ] ENFORCEMENT SUPPORT [ ] TRAINING [ ] EQUIPMENT MAINTENANCE
[ ] GENERAL TECHNICAL ASSISTANCE [ ] PROGRAM MANAGEMENT

9. GENERAL TASK DESCRIPTION:
Conduct a Preliminary Assessment of the subject site.

10. SPECIFIC ELEMENTS:
1) Review background information
2) Contact state and local agencies for relevant information
3) Arrange for site access
4) Conduct a brief on- and off-site inspection to determine potential sample locations
5) Prepare and submit preliminary assessment report, including proposed sampling plan and rationale, if applicable.

[ ] ADDITIONAL SCOPE ATTACHED

11. INTERIM DEADLINES:

12. COMMENTS:
State Code 042 County Code 071

13. AUTHORIZING: [ ] RPO [ ] DPO [ ] PO
(SIGNATURE)

14. DATE:

15. RECEIVED BY: [ ] ACCEPTED [ ] ACCEPTED WITH EXCEPTIONS (ATTACH) [ ] REJECTED
(CONTRACTOR FITOM SIGNATURE)

16. DATE:

SHEET 1 WHITE-FITOM COPY
SHEET 2 GREEN-PROJECT OFFICER'S COPY (WASHINGTON D.C.)
SHEET 3 CANARY-RPO COPY
SHEET 4 PINK-ZPM COPY
SHEET 5 GOLDENROD-CONTRACTING OFFICER'S COPY (WASHINGTON D.C.)

8710-40-11

NUS CORPORATION AND SUBSIDIARIES — **TELECON NOTE**

CONTROL NO:	DATE: 11/23/87	TIME: 0845 ORIGINAL (Red)

DISTRIBUTION:

BETWEEN: Mr. Dennis Weller	OF: Raybestos, Manhatten	PHONE: (717) 665-2211

AND: (b) (4) [redacted]

DISCUSSION:

I informed Mr. Weller that the preliminary assessment for Raybestos was cancelled and that the RCRA PA will replace the Superfund PA.

(b) (4) [redacted] 11/23/87

ACTION ITEMS:

NUS 067 REVISED 0685

8710-40-10

NUS CORPORATION AND SUBSIDIARIES — **TELECON NOTE**

CONTROL NO:	DATE: 11/20/87	TIME: 0850

ORIGINAL (Red)

DISTRIBUTION:

BETWEEN:	OF:	PHONE:
(b) (4) [redacted] Pennsylvania Project Officer	EPA Region 3	(215) 597-3165

AND (b) (4) [redacted]

DISCUSSION:

I told Ms. Acker about the landfill, closure situation, and RCRA work that had been done on the landfill. I noted that we could go out Tuesday, as planned and do the PA and state file search or we could do an in house PA if EPA could get us the information quickly. I stressed that this PA is due December 10th so we can't stall around. Ms. Acker noted that often times RCRA and Superfund are not aware of the PA's or SI's each other are doing. Moreover, EPA RCRA has started doing their own PA's and SI's lately. Ms. Acker noted she would call Joe Arena and make a decision as to a desk top PA vs. on-site PA.

ACTION ITEMS:

She wondered if we could come down to EPA and do the file search. I noted that would not be a problem. Ms. Acker noted she would call me back.

Scott Butt 11/20/87

NUS 067 REVISED 0685

8710-40-09

NUS CORPORATION AND SUBSIDIARIES — **TELECON NOTE**

CONTROL NO:	DATE: 11/20/87	TIME: 1605 ORIGINAL (Red)

DISTRIBUTION:
Raybestos, Manhatten, Mahm
8710-40

BETWEEN:	OF:	PHONE:
Lori Acker - Project Officer Pennsylvania	EPA Region 3	(215) 597-3165

AND: (b) (4) [redacted]

DISCUSSION:
Ms. Acker noted that she contacted Joe Arena of EPA, RCRA and was told a Preliminary Assessment had already been completed on the Project (site) as I noted to her in our prior Conversation. Ms. Acker told me not to continue on the project and that the RCRA. PA would be sufficient to replace the PA under the Superfund program. Ms. Acker said under a new policy, EPA is allowed to substitute RCRA PA's and SI's for PA's and SI's under Superfund. I told Ms. Acker we would log this in our file with the other telecons with PADER and Raybestos. I told Ms. Acker I would let Rich Cramer know of the situation as she requested.

ACTION ITEMS:
(b) (4) [redacted] 11/20/87

NUS 067 REVISED 0685

8710-40-08

NUS CORPORATION AND SUBSIDIARIES — **TELECON NOTE**

CONTROL NO:	DATE: 11/20/87	TIME: 0825 ORIGINAL (Red)

DISTRIBUTION:

BETWEEN:	OF:	PHONE:
Joe Arena	EPA Region 3	(215) 597-3180

AND: (b) (4) [redacted]

DISCUSSION:

Mr. Arena noted that GCA completed a PA on the site and GCL completed an SI on site about 6 months ago. Samples included aqueous locations at the confluence and along Chickie's Creek and Doe Run, soil samples from an old impoundment, and soil samples at the former landfill. Depths are unknown. Basically, the landfill was going to close in 1988. The Company did not want to do that, so RCRA Part B was denied which means that they have to begin closure. An agreement was made between PA DER and Raymark to stop using the landfill in March of '87. EPA has yet to see sampling results because many of the company employees went to a different contractor. Mr. Arena does not understand why Superfund is studying this site via it is not an abandoned or bankrupt company and it should go under RCRA corrective action with a consent agreement.

Scott Bull

ACTION ITEMS:

NUS 067 REVISED 0685

8710-40-07

NUS CORPORATION AND SUBSIDIARIES — **TELECON NOTE**

CONTROL NO:	DATE: 11/17/87	TIME: 1025

ORIGINAL (Red)

DISTRIBUTION:

BETWEEN:	OF:	PHONE:
Lori Acker - EPA Region 3 SIO - Penn Project Officer	EPA Region 3	(215) 597-3165

AND: (b) (4) [redacted]

DISCUSSION:

I told Ms. Acker that we had site access for Raybestos Manhatten, Mohm Co. in Lancaster County for Tuesday November 24th. I noted that Jim McCreary will not be in until Monday November 23rd and that he can call me then if he has any questions.

Scott Butt 11/17/87

ACTION ITEMS:

NUS 067 REVISED 0685

8710-40-06

NUS CORPORATION AND SUBSIDIARIES — **TELECON NOTE**

ORIGINAL (Red)

CONTROL NO:	DATE: 11/16/87	TIME: 0920

DISTRIBUTION:

BETWEEN:	OF:	PHONE:
Mr. Doug Zimmerman	PADER (Waste Mgt Specialist)	(717) 657-4588

AND: (b) (4) [redacted]

DISCUSSION:

Mr. Zimmerman noted that the landfill was 10 acres in size, although only 2 to 3 acres are the area of concern. Some of the 10 acres are covered with asphalt, although the area of concern was uncovered in July of 87. Apparently, Raymark had a 50-50 mix of lead and asbestos slurry waste and deposited it in 3 trenches (approximately 10 feet deep) at the area of concern. They switched to a dry process with dust collection bags. The slurry was was 5-10% solids.

Raymark had their Part B RCRA permit denied in August of 1986. The company submitted their closure plan in March or April of 1987. Presently, closure is being

ACTION ITEMS:

discussed but problems exist via the waste is thought to be in the groundwater and at stream confluence. Moreover, aguments exist on the type of final cover. The state wants Raymark to cover the site with clay; Raymark wants to use asphalt.

[illegible] 11/16/87

NUS 067 REVISED 0685

8710-40-06

NUS CORPORATION AND SUBSIDIARIES — **TELECON NOTE**

CONTROL NO:	DATE:	TIME:
	11 / 12 / 87	1500

ORIGINAL (Red)

DISTRIBUTION:

BETWEEN:	OF:	PHONE:
Mr. Don Hentz (Inspector)	PADER	(717) 657-4588

AND (b) (4) [redacted]

DISCUSSION:

Mr. Hentz told me that Doug Zimmerman would give me a call tomorrow concerning Raymark (formerly Raybestos). He noted that Mr. Zimmerman is in charge of the Raymark project. Mr. Hentz noted that I should get together with the receptionist at 657-4588 to set up a file search.

Nicole Smith 11/12/87

ACTION ITEMS:

NUS 067 REVISED 0685

8710-46-65

NUS CORPORATION AND SUBSIDIARIES — **TELECON NOTE**

CONTROL NO:	DATE: 11/9/87	TIME: 1535 ORIGINAL (Red)

DISTRIBUTION:

BETWEEN:	OF:	PHONE:
Mr. Don Hentz (Inspector)	PADER Lancaster County	(717) 657-4588

AND: (b) (4) [redacted]

DISCUSSION:

I asked Mr. Hentz if he knew anything about Raybestos-Manhatten, Mahm Company in Manheim. He noted that the company stored bags of fly ash on site and their RCRA permit was revoked on account of what Jim McCreary said. Mr. Hentz noted he would review the file and that we are welcome to any file information available. I noted I would call him on 11/10/87 and I would further inspect the NUS files, so we can distinguish between the Raybestos (Chickie's Creek and Doe Run) and the other Raybestos that a PA has been completed on already.

Scott Butt 11/9/87

ACTION ITEMS:

NUS 067 REVISED 0685

8710-40-04

NUS CORPORATION AND SUBSIDIARIES — **TELECON NOTE**

CONTROL NO:	DATE: 11/5/87	TIME: 1255 ORIGINAL (Red)

DISTRIBUTION:

BETWEEN:	OF:	PHONE:
Jim McCreary	EPA Region 3	(215) 597-1105

AND: (b) (4) [redacted]

DISCUSSION:

Mr. McCreary noted that the EPA RCRA Section has no records of the inspection carried out on 11/24/86. He also noted that he talked with Doug Zimmerman of PADER [(717) 657-4585 or 88]. Mr. Zimmerman noted that the company used to have a B permit for storage. The permit was revoked on account of the company not turning in a closure plan. Supposedly, the company has bags of fly ash on site.

(b) (4) [redacted]

ACTION ITEMS:

I noted I would call Mr. Zimmerman of PADER to gather background information and let him know when we would go out to the Manhatten, Mahm Company.

NUS 087 REVISED 0685

8710-40-03

NUS CORPORATION AND SUBSIDIARIES — **TELECON NOTE**

CONTROL NO:	DATE:	TIME:
	11/4/87 (SAD 11/5/87)	0900

ORIGINAL (Red)

DISTRIBUTION:

BETWEEN:	OF:	PHONE:
Dennis Weller - Engineer	Raybestos	(717) 665-2211

AND: (b) (4) [redacted]

DISCUSSION:

I noted to Mr. Weller that NUS was tasked to complete a preliminary assessment on the Raybestos Manhatten, Mahm at Chikie's Creek and Doe Run. Mr. Weller noted that NUS looked at the lagoon around six months ago. He noted that a landfill exists at the confluence of Chickie's Creek and Doe Run. He noted the landfill is about 2-3 acres in size, contains asbestos and lead wastes and is currently covered and revegetated. The landfill use stopped in 1961. The company has been at the present location for over 60 years. The total company property averages 91 acres. Site Access was granted. Pictures were OK'd.

Geoscience Consultants conducted waste sampling near the landfill and of the surface water approximately six months ago.

ACTION ITEMS:

NUS 067 REVISED 0685

8710 40-02

IS CORPORATION

TELECON NOTE

ORIGINAL (Red)

NTROL NO:

DATE: 11/4/87

TIME: 1600

TRIBUTION:

WEEN: Jim McCreary

OF: EPA Region 3

PHONE: (215) 597-1105

D: (b) (4) [redacted]

NUSI

CUSSION:

I told Mr. McCreary that I was assigned the Raybestos-Manhattan, Mohm Company in Manheim, Lancaster County, PA. The facility is located at Chicks's Creek and Doe Run. I noted that EPA or an EPA contractor carried out a RCRA inspection on 11/24/86. Furthermore, I noted that it would be helpful if he could get the EPA RCRA inspection report to me. Then, Mr. McCreary, Chuck Meyer, and I could make a decision on whether a site visit would be needed versus a desktop SI. Moreover, I noted that EPA is requesting this report by Dec 10, 1 (b) (4) [redacted]

(b) (4) [redacted] (b) 11/4/87

ION ITEMS:

Mr. McCreary noted he would try to get back to me on 11/5/87 concerning the above issue.