EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION	
01 STATE	02 SITE NUMBER
PA	1007

II. HAZARDOUS CONDITIONS AND INCIDENTS

01 ☐ A. GROUNDWATER CONTAMINATION
03 POPULATION POTENTIALLY AFFECTED: 0
02 ☐ OBSERVED (DATE _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

No evidence of hazardous wastes found

01 ☐ B. SURFACE WATER CONTAMINATION
03 POPULATION POTENTIALLY AFFECTED: 0
02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

No evidence of hazardous wastes found

01 ☐ C. CONTAMINATION OF AIR
03 POPULATION POTENTIALLY AFFECTED: _____
02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

N/A

01 ☐ D. FIRE/EXPLOSIVE CONDITIONS
03 POPULATION POTENTIALLY AFFECTED: _____
02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

N/A

01 ☐ E. DIRECT CONTACT
03 POPULATION POTENTIALLY AFFECTED: _____
02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

N/A

01 ☐ F. CONTAMINATION OF SOIL
03 AREA POTENTIALLY AFFECTED: _____ (Acres)
02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

N/A

01 ☐ G. DRINKING WATER CONTAMINATION
03 POPULATION POTENTIALLY AFFECTED: _____
02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

N/A

01 ☐ H. WORKER EXPOSURE/INJURY
03 WORKERS POTENTIALLY AFFECTED: _____
02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

N/A

01 ☐ I. POPULATION EXPOSURE/INJURY
03 POPULATION POTENTIALLY AFFECTED: _____
02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

N/A

ORIGINAL (Red)

EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION	
01 STATE	02 SITE NUMBER
PA	1007

II. HAZARDOUS CONDITIONS AND INCIDENTS (Continued)

01 ☐ J. DAMAGE TO FLORA — 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

N/A

01 ☐ K. DAMAGE TO FAUNA — 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION (Include name(s) of species)

N/A

01 ☐ L. CONTAMINATION OF FOOD CHAIN — 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

N/A

01 ☐ M. UNSTABLE CONTAINMENT OF WASTES (Spills, Runoff, Standing liquids, Leaking drums) — 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
03 POPULATION POTENTIALLY AFFECTED: _____ 04 NARRATIVE DESCRIPTION

N/A

01 ☐ N. DAMAGE TO OFFSITE PROPERTY — 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

N/A

01 ☐ O. CONTAMINATION OF SEWERS, STORM DRAINS, WWTPs — 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

N/A

01 ☐ P. ILLEGAL/UNAUTHORIZED DUMPING — 02 ☐ OBSERVED (DATE: _____) ☐ POTENTIAL ☐ ALLEGED
04 NARRATIVE DESCRIPTION

N/A

05 DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL, OR ALLEGED HAZARDS

N/A

III. TOTAL POPULATION POTENTIALLY AFFECTED: _____

IV. COMMENTS

V. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION
PART 4 - PERMIT AND DESCRIPTIVE INFORMATION

I. IDENTIFICATION	
01 STATE	02 SITE NUMBER
PA	1007

II. PERMIT INFORMATION

01 TYPE OF PERMIT ISSUED (Check all that apply)	02 PERMIT NUMBER	03 DATE ISSUED	04 EXPIRATION DATE	05 COMMENTS
☐ A. NPDES	None			
☐ B. UIC				
☐ C. AIR				
☐ D. RCRA				
☐ E. RCRA INTERIM STATUS				
☐ F. SPCC PLAN				
☐ G. STATE (Specify)				
☐ H. LOCAL (Specify)				
☐ I. OTHER (Specify)				
☐ J. NONE				

III. SITE DESCRIPTION

01 STORAGE/DISPOSAL (Check all that apply)	02 AMOUNT	03 UNIT OF MEASURE
☐ A. SURFACE IMPOUNDMENT		
☐ B. PILES		
☐ C. DRUMS, ABOVE GROUND		
☐ D. TANK, ABOVE GROUND		
☐ E. TANK, BELOW GROUND		
☐ F. LANDFILL		
☐ G. LANDFARM		
☐ H. OPEN DUMP		
☒ I. OTHER fill (Specify)		

04 TREATMENT (Check all that apply)

- ☐ A. INCENERATION
- ☐ B. UNDERGROUND INJECTION
- ☐ C. CHEMICAL/PHYSICAL
- ☐ D. BIOLOGICAL
- ☐ E. WASTE OIL PROCESSING
- ☐ F. SOLVENT RECOVERY
- ☐ G. OTHER RECYCLING/RECOVERY
- ☐ H. OTHER _____ (Specify)

none

05 OTHER

☒ A. BUILDINGS ON SITE

06 AREA OF SITE

4 (Acre

07 COMMENTS

IV. CONTAINMENT

01 CONTAINMENT OF WASTES (Check one)

☒ A. ADEQUATE, SECURE ☐ B. MODERATE ☐ C. INADEQUATE, POOR ☐ D. INSECURE, UNSOUND, DANGEROUS

02 DESCRIPTION OF DRUMS, DIKING, LINERS, BARRIERS, ETC.

none

V. ACCESSIBILITY

01 WASTE EASILY ACCESSIBLE: ☐ YES ☒ NO

02 COMMENTS

VI. SOURCES OF INFORMATION (Cite specific references, e.g. state files, sample analysis, reports)

EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 5 - WATER, DEMOGRAPHIC, AND ENVIRONMENTAL DATA

I. IDENTIFICATION

01 STATE	02 SITE NUMBER
PA	1007

II. DRINKING WATER SUPPLY

01 TYPE OF DRINKING SUPPLY (Check as applicable)

	SURFACE	WELL
COMMUNITY	A. ☒	B. ☐
NON-COMMUNITY	C. ☐	D. ☐

02 STATUS — not affected

ENDANGERED	AFFECTED	MONITORED
A. ☐	B. ☐	C. ☐
D. ☐	E. ☐	F. ☐

03 DISTANCE TO SITE — 1,000 ft. upgradie[illegible]

A. 1 (mi)

B. _____ (mi)

III. GROUNDWATER

01 GROUNDWATER USE IN VICINITY (Check one)

☐ A. ONLY SOURCE FOR DRINKING ☐ B. DRINKING (Other sources available) COMMERCIAL, INDUSTRIAL, IRRIGATION (No other water sources available) ☐ C. COMMERCIAL, INDUSTRIAL, IRRIGATION (Limited other sources available) ☒ D. NOT USED, UNUSEABL[illegible]

02 POPULATION SERVED BY GROUND WATER none

03 DISTANCE TO NEAREST DRINKING WATER WELL N/A (mi)

04 DEPTH TO GROUNDWATER	05 DIRECTION OF GROUNDWATER FLOW	06 DEPTH TO AQUIFER OF CONCERN	07 POTENTIAL YIELD OF AQUIFER	08 SOLE SOURC[illegible] [illegible]ER
6 (ft)	NE toward creek	N/A (ft)	unknown (gpd)	N/A ☐ YES ☐ NO

09 DESCRIPTION OF WELLS (Including usage, depth, and location relative to population and buildings)

One well is used for watering high school football field

10 RECHARGE AREA — ☐ YES ☐ NO — COMMENTS: High water table with original conditions

11 DISCHARGE AREA — ☐ YES ☐ NO — COMMENTS:

IV. SURFACE WATER

01 SURFACE WATER USE (Check one)

☒ A. RESERVOIR, RECREATION DRINKING WATER SOURCE ☐ B. IRRIGATION, ECONOMICALLY IMPORTANT RESOURCES ☐ C. COMMERCIAL, INDUSTRIAL ☐ D. NOT CURRENTLY USED

02 AFFECTED/POTENTIALLY AFFECTED BODIES OF WATER

NAME:	AFFECTED	DISTANCE
None affected	☐	
	☐	
	☐	(mi)

V. DEMOGRAPHIC AND PROPERTY INFORMATION

01 TOTAL POPULATION WITHIN

ONE (1) MILE OF SITE	TWO (2) MILES OF SITE	THREE (3) MILES OF SITE
A. _____ NO. OF PERSONS	B. _____ NO. OF PERSONS	C. 5,000 NO. OF PERSONS

02 DISTANCE TO NEAREST POPULATION — 0.0 (mi)

03 NUMBER OF BUILDINGS WITHIN TWO (2) MILES OF SITE — _____

04 DISTANCE TO NEAREST OFF-SITE BUILDING — 0.0 (mi)

05 POPULATION WITHIN VICINITY OF SITE (Provide narrative description of nature of population within vicinity of site, e.g., rural, village, densely populated urban area)

Site is located in commercial/residential area of a small town, population 11,000.
Town is located in steep river valley, typical of Central, Pennsylvania.

EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 5 - WATER, DEMOGRAPHIC, AND ENVIRONMENTAL DATA

I. IDENTIFICATION
01 STATE: PA | 02 SITE NUMBER: 1007

VI. ENVIRONMENTAL INFORMATION

01 PERMEABILITY OF UNSATURATED ZONE (Check one)

☐ A. $10^{-6} - 10^{-8}$ cm/sec ☐ B. $10^{-4} - 10^{-6}$ cm/sec ☒ C. $10^{-4} - 10^{-3}$ cm/sec ☐ D. GREATER THAN 10^{-3} cm/sec

02 PERMEABILITY OF BEDROCK (Check one)

unknown ☐ A. IMPERMEABLE (Less than 10^{-6} cm/sec) ☐ B. RELATIVELY IMPERMEABLE ($10^{-4} - 10^{-6}$ cm/sec) ☐ C. RELATIVELY PERMEABLE ($10^{-2} - 10^{-4}$ cm/sec) ☐ D. VERY PERMEABLE (Greater than 10^{-2} cm/sec)

03 DEPTH TO BEDROCK	04 DEPTH OF CONTAMINATED SOIL ZONE	05 SOIL pH
30 to 90 (ft)	N/A (ft)	unknown

06 NET PRECIPITATION	07 ONE YEAR 24 HOUR RAINFALL	08 SLOPE: SITE SLOPE	DIRECTION OF SITE SLOPE	TERRAIN AVERAGE SLOPE
48 (in)	2.5 (in)	0 %	north	0 to 3 %

09 FLOOD POTENTIAL
SITE IS IN occasional flooded YEAR FLOODPLAIN

10 ☐ SITE IS ON BARRIER ISLAND, COASTAL HIGH HAZARD AREA, RIVERINE FLOODWAY
N/A

11 DISTANCE TO WETLANDS (5 acre minimum)
N/A ESTUARINE OTHER
A. _____ (mi) B. _____ (mi)

12 DISTANCE TO CRITICAL HABITAT (of endangered species)
N/A (mi)
ENDANGERED SPECIES: _____

13 LAND USE IN VICINITY

DISTANCE TO:

COMMERCIAL/INDUSTRIAL	RESIDENTIAL AREAS; NATIONAL/STATE PARKS, FORESTS, OR WILDLIFE RESERVES	AGRICULTURAL LANDS: PRIME AG LAND	AGRICULTURAL LANDS: AG LAND
A. 0.0 (mi)	B. 0.0 (mi)	C. 73 (mi)	D. 73 (mi)

14 DESCRIPTION OF SITE IN RELATION TO SURROUNDING TOPOGRAPHY

Site is on alluvial and colluvial materials formed at the base of Bald Eagle Ridge. The area is typically defined by high ridges and low river valleys and hollows. Elevation ranges from 500 to 2,000 feet above sea level.

VII. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 6 - SAMPLE AND FIELD INFORMATION

I. IDENTIFICATION

01 STATE	02 SITE NUMBER
PA	1007

II. SAMPLES TAKEN

SAMPLE TYPE	01 NUMBER OF SAMPLES TAKEN	02 SAMPLES SENT TO	03 ESTIMATED DATE RESULTS AVAILABLE
GROUNDWATER		Mead Compu/Chem	
SURFACE WATER	1		08/01/84
WASTE			
AIR			
RUNOFF			
SPILL			
SOIL	2		08/01/84
VEGETATION			
OTHER			

III. FIELD MEASUREMENTS TAKEN

01 TYPE	02 COMMENTS
HNU	Nothing above background

IV. PHOTOGRAPHS AND MAPS

01 TYPE ☒ GROUND ☐ AERIAL

02 IN CUSTODY OF NUS FIT III files (Name of organization or individual)

03 MAPS ☐ YES ☐ NO

04 LOCATION OF MAPS

V. OTHER FIELD DATA COLLECTED (Provide narrative description)

none

VI. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

ORIGINAL (Red)

EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 7 - OWNER INFORMATION

I. IDENTIFICATION

01 STATE	02 SITE NUMBER
PA	1007

II. CURRENT OWNER(S)

01 NAME	02 D+B NUMBER	03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE	05 CITY	06 STATE	07 ZIP CODE
Janet Tires		136 Hogan Boulevard		Mill Hall	PA	17751
N/A						
N/A						
N/A						
N/A						

PARENT COMPANY (If applicable)

08 NAME	09 D+B NUMBER	10 STREET ADDRESS (P.O. Box, RFD #, etc.)	11 SIC CODE	12 CITY	13 STATE	14 ZIP CODE
N/A						
N/A						
N/A						
N/A						

III. PREVIOUS OWNER(S) (List most recent first)

01 NAME	02 D+B NUMBER	03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE	05 CITY	06 STATE	07 ZIP CODE
N/A						
N/A						
N/A						
N/A						

IV. REALTY OWNER(S) (If applicable, list most recent first)

01 NAME	02 D+B NUMBER	03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE	05 CITY	06 STATE	07 ZIP CODE
N/A						
N/A						
N/A						
N/A						

V. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

EPA FORM 2070-13 (7-81)

ORIGINAL (Red)

EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 8 - OPERATOR INFORMATION

I. IDENTIFICATION	
01 STATE	02 SITE NUMBER
PA	1007

II. CURRENT OPERATOR (Provide if different from owner)			OPERATOR'S PARENT COMPANY (If applicable)		
01 NAME N/A		02 D+B NUMBER	10 NAME N/A		11 D+B NUMBER
03 STREET ADDRESS (P.O. Box, RFD #, etc.)		04 SIC CODE	12 STREET ADDRESS (P.O. Box, RFD #, etc.)		13 SIC CODE
05 CITY	06 STATE	07 ZIP CODE	14 CITY	15 STATE	16 ZIP CODE
08 YEARS OF OPERATION	09 NAME OF OWNER				

III. PREVIOUS OPERATOR(S) (List most recent first; provide only if different from owner)			PREVIOUS OPERATORS' PARENT COMPANIES (If applicable)		
01 NAME N/A		02 D+B NUMBER	10 NAME N/A		11 D+B NUMBER
03 STREET ADDRESS (P.O. Box, RFD #, etc.)		04 SIC CODE	12 STREET ADDRESS (P.O. Box, RFD #, etc.)		13 SIC C
05 CITY	06 STATE	07 ZIP CODE	14 CITY	15 STATE	16 ZIP CODE
08 YEARS OF OPERATION	09 NAME OF OWNER DURING THIS PERIOD				
01 NAME N/A		02 D+B NUMBER	10 NAME N/A		11 D+B NUMBER
03 STREET ADDRESS (P.O. Box, RFD #, etc.)		04 SIC CODE	12 STREET ADDRESS (P.O. Box, RFD #, etc.)		13 SIC CODE
05 CITY	06 STATE	07 ZIP CODE	14 CITY	15 STATE	16 ZIP CODE
08 YEARS OF OPERATION	09 NAME OF OWNER DURING THIS PERIOD				
01 NAME N/A		02 D+B NUMBER	10 NAME N/A		11 D+B NUMBER
03 STREET ADDRESS (P.O. Box, RFD #, etc.)		04 SIC CODE	12 STREET ADDRESS (P.O. Box, RFD #, etc.)		13 S DE
05 CITY	06 STATE	07 ZIP CODE	14 CITY	15 STATE	16 ZIP CODE
08 YEARS OF OPERATION	09 NAME OF OWNER DURING THIS PERIOD				

IV. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

ORIGINAL (Red)

EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 9 - GENERATOR/TRANSPORTER INFORMATION

I. IDENTIFICATION	
01 STATE	02 SITE NUMBER
PA	1007

II. ON-SITE GENERATOR

01 NAME	02 D+B NUMBER
N/A	
03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE
05 CITY	06 STATE / 07 ZIP CODE

III. OFF-SITE GENERATOR(S)

01 NAME	02 D+B NUMBER	01 NAME	02 D+B NUMBER
N/A		N/A	
03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE	03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE
05 CITY	06 STATE / 07 ZIP CODE	05 CITY	06 STATE / 07 ZIP CODE
01 NAME	02 D+B NUMBER	01 NAME	02 D+B NUMBER
N/A		N/A	
03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE	03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE
05 CITY	06 STATE / 07 ZIP CODE	05 CITY	06 STATE / 07 ZIP CODE

IV. TRANSPORTER(S)

01 NAME	02 D+B NUMBER	01 NAME	02 D+B NUMBER
N/A		N/A	
03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE	03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE
05 CITY	06 STATE / 07 ZIP CODE	05 CITY	06 STATE / 07 ZIP CODE
01 NAME	02 D+B NUMBER	01 NAME	02 D+B NUMBER
N/A		N/A	
03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE	03 STREET ADDRESS (P.O. Box, RFD #, etc.)	04 SIC CODE
05 CITY	06 STATE / 07 ZIP CODE	05 CITY	06 STATE / 07 ZIP CODE

V. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

EPA FORM 2070-13 (7-81)

EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 10 - PAST RESPONSE ACTIVITIES

I. IDENTIFICATION	
01 STATE	02 SITE NUMBER
PA	1007

II. PAST RESPONSE ACTIVITIES

01 ☐ A. WATER SUPPLY CLOSED — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION
N/A

01 ☐ B. TEMPORARY WATER SUPPLY PROVIDED — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION
N/A

01 ☐ C. PERMANENT WATER SUPPLY PROVIDED — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION
N/A

01 ☐ D. SPILLED MATERIAL REMOVED — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION
N/A

01 ☐ E. CONTAMINATED SOIL REMOVED — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION
N/A

01 ☐ F. WASTE REPACKAGED — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION
N/A

01 ☐ G. WASTE DISPOSED ELSEWHERE — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION
N/A

01 ☐ H. ON SITE BURIAL — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION
N/A

01 ☐ I. IN SITU CHEMICAL TREATMENT — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION
N/A

01 ☐ J. IN SITU BIOLOGICAL TREATMENT — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION
N/A

01 ☐ K. IN SITU PHYSICAL TREATMENT — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION
N/A

01 ☐ L. ENCAPSULATION — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION
N/A

01 ☐ M. EMERGENCY WASTE TREATMENT — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION
N/A

01 ☐ N. CUTOFF WALLS — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION
N/A

01 ☐ O. EMERGENCY DIKING/SURFACE WATER DIVERSION — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION
N/A

01 ☐ P. CUTOFF TRENCHES/SUMP — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION
N/A

01 ☐ Q. SUBSURFACE CUTOFF WALL — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION
N/A

EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 10 - PAST RESPONSE ACTIVITIES

I. IDENTIFICATION	
01 STATE	02 SITE NUMBER
PA	1007

II PAST RESPONSE ACTIVITIES *(Continued)*

01 ☐ R. BARRIER WALLS CONSTRUCTED — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION
N/A

01 ☐ S. CAPPING/COVERING — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION
N/A

01 ☐ T. BULK TANKAGE REPAIRED — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION
N/A

01 ☐ U. GROUT CURTAIN CONSTRUCTED — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION
N/A

01 ☐ V. BOTTOM SEALED — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION
N/A

01 ☐ W. GAS CONTROL — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION
N/A

01 ☐ X. FIRE CONTROL — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION
N/A

01 ☐ Y. LEACHATE TREATMENT — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION
N/A

01 ☐ Z. AREA EVACUATED — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION
N/A

01 ☐ 1. ACCESS TO SITE RESTRICTED — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION
N/A

01 ☐ 2. POPULATION RELOCATED — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION
N/A

01 ☐ 3. OTHER REMEDIAL ACTIVITIES — 02 DATE _____ — 03 AGENCY _____
04 DESCRIPTION
N/A

III. SOURCES OF INFORMATION *(Cite specific references, e.g., state files, sample analysis, reports)*

EPA

POTENTIAL HAZARDOUS WASTE SITE
SITE INSPECTION REPORT
PART 11 - ENFORCEMENT INFORMATION

I. IDENTIFICATION	
01 STATE	02 SITE NUMBER
PA	1007

II. ENFORCEMENT INFORMATION

01 PAST REGULATORY/ENFORCEMENT ACTION ☐ YES ☒ NO

02 DESCRIPTION OF FEDERAL, STATE, LOCAL REGULATORY/ENFORCEMENT ACTION

none

III. SOURCES OF INFORMATION (Cite specific references, e.g., state files, sample analysis, reports)

SECTION 6

ORIGINAL
(Red)

6.0 LABORATORY DATA

6.1 Sample Data Summary

DRAFT

TDD Number F3-8905-02

EPA Number PA 1007

SAMPLE DATA SUMMARY
TARGET COMPOUNDS

☒ Organic ☐ Inorganic

Site Name JANET TIRE

Date of Sample 5/8/89

Solid sample results reported as dry weight.

Compounds Detected

Sample Number	Sample Description and Location	Phase	Units	BIS(2-ETHYLHEXYL) PHTHALATE	DI-N-OCTYL PHTHALATE	PYRENE	METHYLENE CHLORIDE	FLUOROTRICHLOROMETHANE										Remarks
C8469	SURFACE WET AREA	Aq			<20 ◊													
C8470	WET AREA	Soil	ug/kg				68 ◊											
C8471	BLANK	Aq	ug/L		<22													
C8472	BLANK	Soil	ug/kg	3200	<400		15	4.2										
C8473	BACKGROUND	Soil	ug/kg			<74 ◊												

NOTE: For a review of this data and non-target, tentatively identified compounds, please see the Analytical Quality Assurance section of this report.

◊ Denotes results of qualitative verification based on quality assurance [illegible]

TDD Number F3-8405-02
EPA Number PA 1007

SAMPLE DATA SUMMARY
TARGET COMPOUNDS

☐ Organic ☒ Inorganic

Site Name JANET TIRE
Date of Sample 5/8/83

Compounds Detected

Sample Number	Sample Description and Location	Phase	Units	Aluminum	Chromium	Barium	Beryllium	Cobalt	Copper	Iron	Nickel	Manganese	Zinc	Boron	Vanadium	Silver	Remarks
MC1897	SURFACE WET AREA	AQ	ug/L	5600	30[c] ◇					18000[c]		7400[c]	290				C = CORRECTED FOR LAB BLANK
MC1898	WET AREA	SOL	Mg/KG	5100	4.8[c] ◇	44		3.33	23	9300[c]	10	330	100		11	0.5[c] ◇	
MC1899	BLANK	AQ	ug/L	320	20[c]					250[c]							
MC1900	BLANK	SOL	Mg/KG									2.9					
MC3225	BACKGROUND	SOL	Mg/KG	5300	7.4[c]	42		5	12 ◇	11000[c]	13	370	23		12	0.98[c] ◇	

NOTE: For a review of this data and non-target, tentatively identified compounds, please see the Analytical Quality Assurance section of this report.

◇ Denotes results of questionable qualitative significance based upon quality assurance review of data.

TDD Number F3-8405-02
EPA Number PA 1007

SAMPLE DATA SUMMARY
TARGET COMPOUNDS

☐ Organic ☒ Inorganic

Site Name JANET TIRE
Date of Sample 5/8/84

Compounds Detected

Sample Number	Sample Description and Location	Phase	Units	Arsenic	Antimony	Selenium	Thallium	Mercury	Tin	Cadmium	Lead	Ammonia	Cyanide	Sulfide				Remarks
MC1897	SURFACE WET AREA	AQ	ug/L	[5.5]						2.8 ◊	21 ◊							[ ] = CALCULATED FOR LESS THAN DL
MC1898	WET AREA	SOL	mg/kg	3.91						1.33	47							
MC1899	BLANK	AQ	ug/L						64	[0.7]	12							
MC1900	BLANK	SOL	mg/kg															
MC3225	BACKGROUND	SOL	mg/kg	2.81						0.15 ◊	17							

NOTE: For a review of this data and non-target, tentatively identified compounds, please see the Analytical Quality Assurance section of this report.

◊ Denotes results of questionable qualitative significance based upon quality assurance review of data.

6.2 Quality Assurance Review

6.2.1 Organic Data: Lab Case 2737

6.2.1.1 Introduction

The findings offered in this report are based upon a general review of organic laboratory data. The data package was examined for blank analysis results, surrogate and matrix spike recoveries, duplicate analysis results, and target compound matching quality.

6.2.1.2 Qualifiers

It is recommended that this data package be utilized only with the following qualifier statements:

- The positive result for di-n-octyl phthalate in sample C-8469 is questionable.
- The positive result for pyrene in sample C-8473 is questionable.
- The positive result for methylene chloride in sample C-8470 is questionable.

The aforementioned results were designated questionable because there is evidence to doubt the presence of these compounds at concentrations less than or similar to the levels reported. However, it can be assumed that concentrations significantly greater than the levels reported cannot be present.

- The detection limits for pentachlorophenol and 4-nitrophenol in sample C-8470 may be higher than reported. This may also be true for a small fraction of other acid compounds analyzed.

DRAFT

- In sample C-8470, the detection limit for 2,4-dinitrotoluene may be substantially higher than reported. This may also be true for other base-neutral compounds.

6.2.1.3 Findings

- Field and/or laboratory blank analysis revealed the presence of di-n-octyl phthalate, pyrene, and methylene chloride at levels sufficient to question the aforementioned sample results.

- Pentachlorophenol and 4-nitrophenol exhibited zero matrix spike recoveries in sample C-8470. However, the recovery of the 2,4,6-tribromophenol surrogate in the matrix spike was zero, as compared to 42 percent in the unspiked sample. Consequently, extraction efficiencies in the original sample appear to be somewhat higher than in the matrix spike.

- The matrix spike compound 2,4-dinitrotoluene exhibited a low recovery in sample C-8470.

6.2.1.4 Summary

The attached Quality Assurance Review has identified blank contamination and surrogate and matrix spike recoveries as the primary areas of concern. Please see the attached Support Documentation Appendix for specifics on this Quality Assurance Review.

DRAFT

Report prepared by Anthony N. Enweze _____ Date: November 20, 198

Report prepared by Russell J. Sloboda _____ Date: November 20, 198

6.2.2 Inorganic Data: Lab Case 2737

6.2.2.1 Introduction

The findings offered in this report are based upon a general review of all available inorganic laboratory data, blank analysis results, matrix spike and duplicate results, and calibration data.

6.2.2.2 Qualifiers

It is recommended that this data package be utilized only with the following qualifier statements:

- The following results may be qualitatively questionable:

Constituents	Samples with Questionable Results
chromium	All positive results
copper	MC-3225
cadmium	MC1897, MC3225
lead	MC-1897
silver	MC1898, MC3225

The aforementioned results were designated questionable because there is evidence to doubt the presence of these constituents at concentrations less than or similar to the levels reported. However, it can be assumed that concentrations significantly greater than the levels reported cannot be present.

- Although the reported results for chromium in sample MC-1897 and silver in sample MC-1898 were questioned due to blank contamination, if these constituents are actually present, the results may not reflect the average concentration present.

DRAFT

- The reported positive result for cobalt in the field blank MC-1900 is incorrect. Actually, cobalt was not detected, and the data summary has been appropriately modified.

- The actual detection limit for silver is, at best, 30 ug/l in aqueous samples, and 1.5 mg/kg in solid samples. This is 3 times higher than the required detection limit.

- The actual detection limit for chromium is, at best 80 ug/l in aqueous samples, and 4.0 mg/kg in solid samples. This is 8 times higher than the required detection limit.

6.2.2.3 Findings

- Field and/or laboratory blank analysis revealed the presence of chromium, copper, cadmium, and lead at levels sufficient to question the aforementioned sample results. (Silver was also reported in field and laboratory blanks, but these results are not meaningful due to inadequate instrument sensitivity.)

- The duplicate analysis results for chromium and silver in samples MC-1897 and MC-1898 revealed poor precision, respectively.

- Examination of raw data for cobalt revealed a non-detected result for this constituent in sample MC-1900, contrary to what was reported by the laboratory.

- Examination of absorbance values for silver and chromium revealed that instrument sensitivity was inadequate to achieve the required detection limit.

DRAFT

6.2.2.4 Summary

The attached Quality Assurance Review has identified blank contamination, false positive result, and poor precision as the primary areas of concern. Please see the attached Support Documentation Appendix for specifics on this Quality Assurance Review.

Report prepared by Anthony N. Enweze _____ Date: November 20, 1984

Report prepared by Russell J. Sloboda _____ Date: November 20, 1984

DRAFT

ORIGINAL
(Red)

SECTION 7

7.0 TOXICOLOGICAL EVALUATION

No indications of toxicological hazards are apparent at this site. No organics were reliably identified in samples collected; those few reported, but qualitatively questioned, would pose no threat if actually present, in any case. No odors, HNU readings, leachate seeps, stained soils, stressed vegetation, or any evidence of past hazardous waste disposal or pathways of potential release were noted. Area residents are serviced by a public water supply.

An elevated iron concentration (18,000 ug/l) was noted in the aqueous sample collected from a small marshy area proximate to the fill area. However, a background aqueous sample, upgradient of the site on the adjoining property, was found to also contain a high level of iron (11,000 ug/l). Since vegetation in the area appears abundant and healthy, it is unlikely that iron is exerting notable impacts.

Prepared by: _____ Date: July 6, 1985
Kenneth Symms, Ph.D., Toxicologist

DRAFT

ORIGINAL
(Red)

APPENDIX A

ORIGINAL (Red)

1. COST CENTER:	REM/FIT ZONE CONTRACT TECHNICAL DIRECTIVE DOCUMENT (TOD)	2. NO.:
ACCOUNT NO.:		F3-8405-02

3. PRIORITY:	4. ESTIMATE OF TECHNICAL HOURS:	5. EPA SITE ID:	6. COMPLETION DATE:	7. REFERENCE INFO.:
[X] HIGH [ ] MEDIUM [ ] LOW	200	PA-1007	3 wks after QA	[ ] YES [ ] NO [ ] ATTACHED [ ] PICK UP
	4A. ESTIMATE OF SUBCONTRACT COST:	5A. EPA SITE NAME: Janet Tire, Bald EAgle Twp, Clinton, Co., PA		

8. GENERAL TASK DESCRIPTION: Conduct a site inspection of the subject site.

9. SPECIFIC ELEMENTS:

1.) Review background information.
2.) Contact state and local agencies for relevant information.
3.) Submit sampling plan to EPA for approval.
4.) Coordinate lab analysis.
5.) Conduct on and off site inspection and sampling.
6.) Take and ship samples according to standard protocol.
7.) Perform Quality Assurance Review according to QALD Rev. 0.
8.) Prepare and submit report.

10. INTERIM DEADLINES:

11. DESIRED REPORT FORM: FORMAL REPORT [X] LETTER REPORT [ ] FORMAL BRIEFING [ ]

OTHER (SPECIFY):

12. COMMENTS: Contact Yener Soylemez - EPA and Dick Bittle - PA DER.

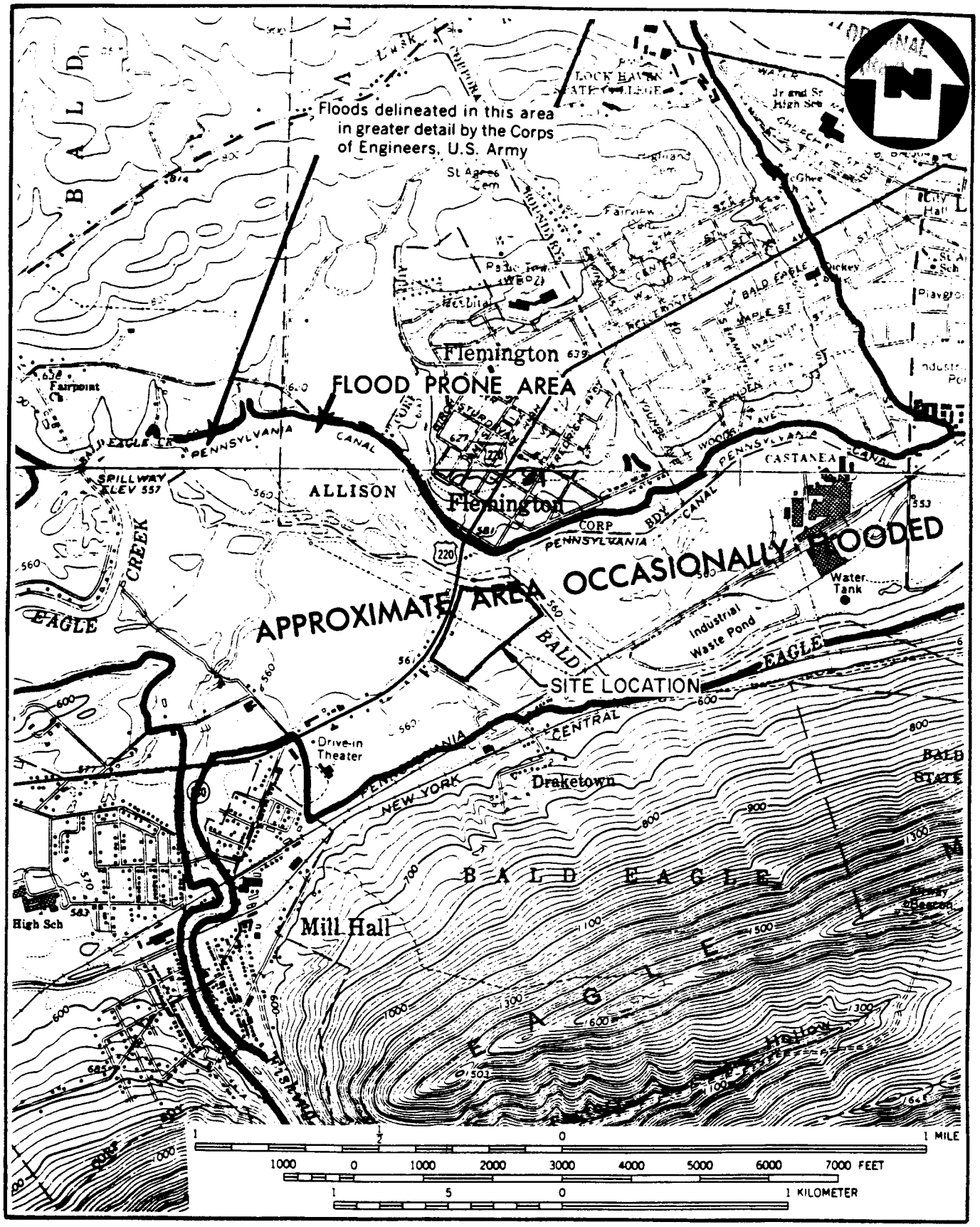
13. AUTHORIZING RPO: Harold G Byer (SIGNATURE) — 14. DATE: 5/8/84

15. RECEIVED BY: [X] ACCEPTED [ ] ACCEPTED WITH EXCEPTIONS [ ] REJECTED
(CONTRACTOR RPM SIGNATURE) — 16. DATE: 5/10/84

Sheet 1 White – FITL Copy Sheet 3 Pink – Contracting Officer's Copy (Washington, D. C.)
Sheet 2 Canary – RPO Copy Sheet 4 Goldenrod – Project Officer's Copy (Washington, D. C.)

ORIGINAL
(Red)

APPENDIX B



SOURCE: USGS MILL HALL & LOCK HAVEN, PA. QUADS. (7.5 MINUTE SERIES)

FIGURE 1

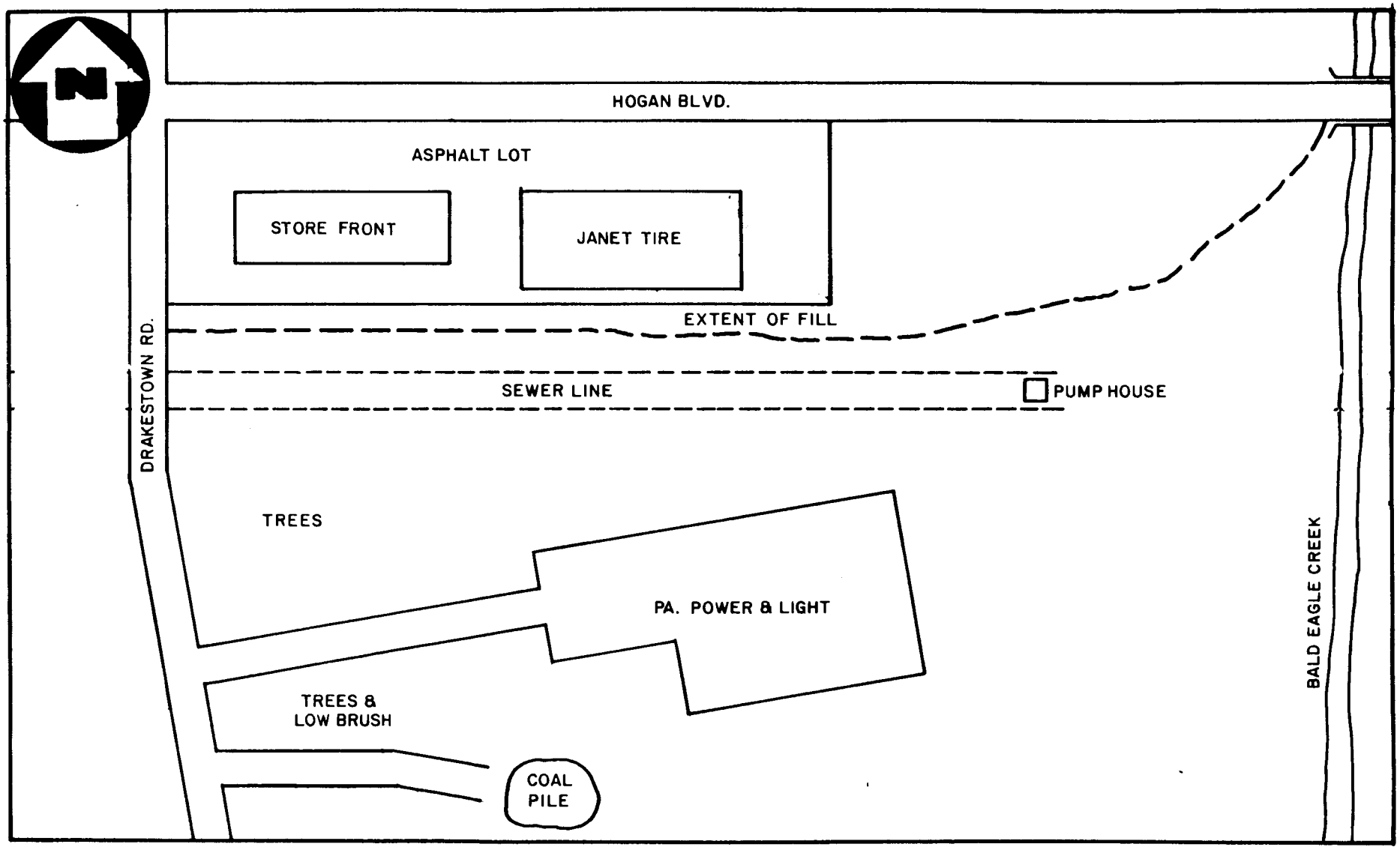
SITE LOCATION MAP

JANET TIRE, MILL HALL, PA.

SCALE 1:24000

NUS CORPORATION

A Halliburton Company



SITE SKETCH
JANET TIRE, MILL HALL, PA.
(NO SCALE)

FIGURE 2

NUS CORPORATION
A Halliburton Company

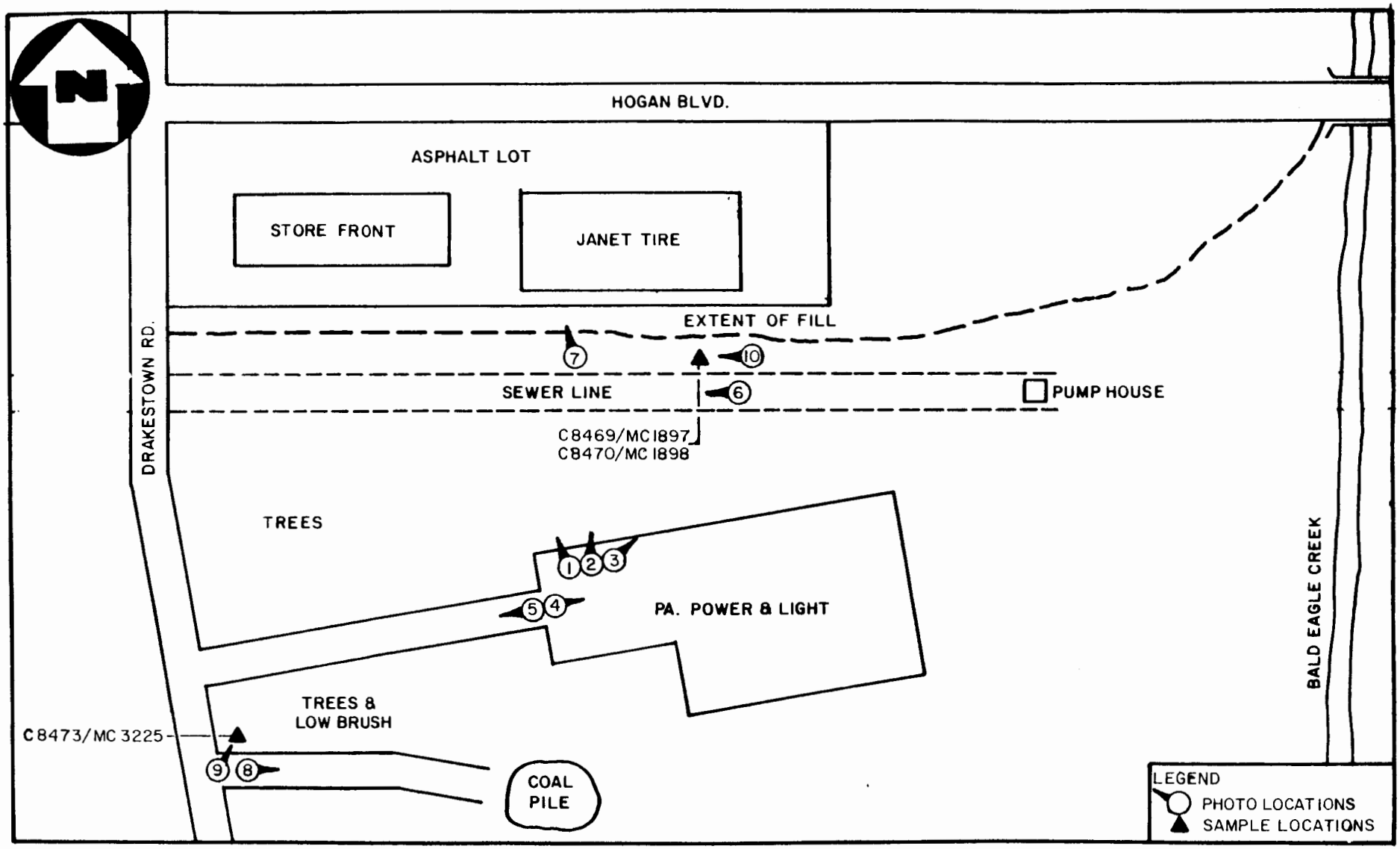


PHOTO & SAMPLE LOCATIONS MAP

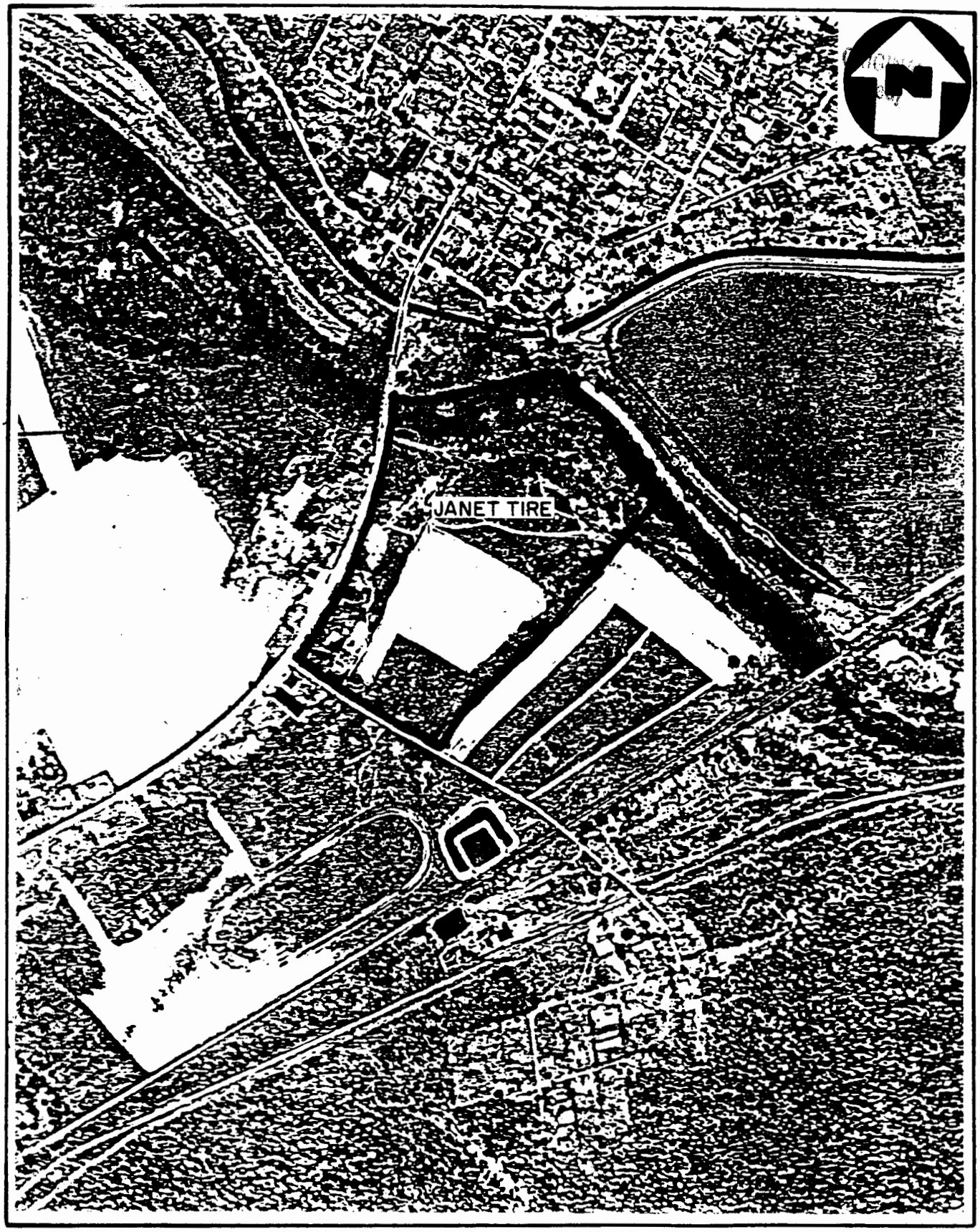
JANET TIRE, MILL HALL, PA.

(NO SCALE)

FIGURE 3

NUS CORPORATION

A Halliburton Company



ARIEL PHOTOGRAPH

JANET TIRE, MILL HALL, PA.

(SCALE UNKNOWN)

FIGURE 4

NUS CORPORATION

A Halliburton Company

ORIGINAL
(Red)

APPENDIX C

TDD NO: F3-2405-02 REGION: III

QUALITY ASSURANCE REVIEW OF ORGANIC ANALYSIS LAB DATA PACKAGE

Case No.: 2737
Contract No.: 68-01-6866
Contract Laboratory: MEAD
Applicable IFB No.:
Reviewer: ANTHONY N. ENWERE
Review Date: NOV. 5th 1984

Applicable Sample No's.: C8469, C8470, C8471, C8472, and C8473

The organic analytical data for this case has been reviewed. The quality assurance evaluation is summarized in the following table:

Reviewer's Evaluation*	Fraction				
	VOLATILES	ACIDS	BASE/ NEUTRALS	PCB/ PEST.	TCDD
Acceptable				✓	✓
Acceptable with exception(s)	✓ [1]	✓ [2], [3]	✓ [1], [3]		
Questionable					
Unacceptable					

* Definitions of the evaluation score categories are listed on next page.

This evaluation was based upon an analysis of the review items indicated below:

- ● DATA COMPLETENESS
- ● BLANK ANALYSIS RESULTS
- ● SURROGATE SPIKE RESULTS
- ● MATRIX SPIKE RESULTS
- ● DUPLICATE ANALYSIS RESULTS
- ○ EVALUATION OF CONFIRMATIONS
- ‡ ◒ QUANTITATIVE CALCULATIONS
- ‡ ● TARGET COMPOUND MATCHING QUALITY
- ○ TENTATIVELY IDENTIFIED COMPOUNDS
- ‡ ● CHROMATOGRAPHIC SENSITIVITY CHECKS
- ‡ ● DFTPP AND BFB SPECTRUM TUNE RESULTS
- ‡ ● STANDARDS
- ‡ ● CALIBRATION CHECK STANDARDS
- ‡ ● INTERNAL STANDARDS PERFORMANCE

Data review forms are attached for each of the review items indicated above.

‡ No errors noted, no form attached.

◒ Spot Check performed.

Comments:

[1] See blank analysis results
[2] See surrogate spike recovery results
[3] See matrix spike recovery results.

ACCEPTABLE: Data is within established control limits, or the data which is outside established control limits does not affect the validity of the analytical results.

ACCEPTABLE WITH EXCEPTION(S): Data is not completely within established control limits. The deficiences are identified and specific data is still valid, given certain qualifications which are listed below.

QUESTIONABLE: Data is not within established control limits. The deficiences bring the validity of the entire data set into question. However, the data validity is neither proved nor disproved by the available information.

UNACCEPTABLE: Data is not within established control limits. The deficiences imply the results are not meaningful.

FRACTION	TRAFFIC REPORT # C84	71	69	72	70	73						
	LAB I.D. # 268	27	20	35	28	36						
BNA :	RUN DATE/TIME	✓										
	TARGET COMPOUND TAB.	✓										
	TARGET COMPOUND D.L.	✓										
	TENT. I.D. COMPOUND TAB.	✓										
	SURROGATE RECOVERY	✓										
	GC SCREEN TABULATION	✓										
	GC/MS CHROMATOGRAMS	✓										
	TARGET CMPD. QUAN. LIST	✓										
	TARGET CMPD. SPECTRA	✓										
	TENT. I.D. CMPD. Q.L.	✓										
	TENT. CMPD. LIB. SRCH.	✓										
	CHRO./SENS. CHECKS	✓										
	BFB/DFTPP TUNE DATA	✓										
	I.S AREAS CHARTS	✓										
	I.S. REL. RESP. FORM	✓										
	RF & AMTS. : CALIB. CHK.	✓										
	RF & AMTS. : 3-PT CALIB.	✓										
	Chromatograms: Calib. Chk.	✓										
	Chromatograms: 3-Pt. Calib.	✓										
	LINEARITY : 3-PT. CALIB	N/A										
	RF COMPARISON	✓										
	SAMPLE/FIELD BLANK	✓		✓								
	METHOD/INSTR. BLANK											
	LAB DUPLICATE		✓		✓							
	FIELD DUP/REP											
	MAT. SPK./M. STD.		✓		✓							
PEST. :	PESTICIDE TABULATION	✓										
	PEST. D.L. TABULATION	✓										
	PESTICIDE CHRO.	✓										
	PESTICIDE STD. CHRO.	✓										
	PESTICIDE STD. I.D.	✓										
	2nd COLUMN CONF.	✓										
	GC/MS CONFIRMATION	N/A										
	PESTICIDE DUPLICATE		✓		✓							
	PESTICIDE SPIKE											
	PESTICIDE BLANK		✓		✓							
TCDD	TCDD TABULATION	✓										
	TCDD DETECTION LIMIT	✓										
	TCDD CHRO./E.I.C.P.	✓										
	TCDD BLANK											

COMPLETENESS	CONC./MATRIX	Lo/Aq	→	Lo/Sd	→								
FRACTION	TRAFFIC REPORT # C84	71	69	72	70	73							
	LAB I.D. # 268	27	20	35	28	36							
VOA :	RUN DATE/TIME	✓											
	TARGET COMPOUND TAB.	✓											
	TARGET COMPOUND D.L.	✓											
	TENT. I.D. COMPOUND TAB.	✓											
	SURROGATE RECOVERY	✓											
	GC SCREEN TABULATION	✓											
	GC/MS CHROMATOGRAMS	✓											
	TARGET CMPD. QUAN. LIST	✓											
	TARGET CMPD. SPECTRA	✓											
	TENT. I.D. CMPD. Q.L.	✓											
	TENT. CMPD. LIB. SRCH.	✓											
	CHRO./SENS. CHECKS	✓											
	BFB/DFTPP TUNE DATA	✓											
	I.S AREAS CHARTS	✓											
	I.S. REL. RESP. FORM	✓											
	RF & AMTS.: CALIB. CHK.	✓											
	RF & AMTS.: 3-PT CALIB.	✓											
	Chromatograms: Calib. Chk.	✓											
	Chromatograms: 3-Pt. Calib.	✓											
	LINEARITY: 3-PT. CALIB	~~NA~~											
	RF COMPARISON	✓											
	SAMPLE/FIELD BLANK	✓		✓									
	METHOD/INSTR. BLANK												
	LAB DUPLICATE		✓		✓								
	FIELD DUP/REP												
	MAT. SPK./M. STD.		✓		✓								

ORIGINAL ORG

COMMENTS :

KEY TO DATA COMPLETENESS FORM

Abbreviation Used on Form	Description of Checklist Item
Conc./Matrix	Concentration category submitted in analysis request (low, med, hi); and matrix (sol., aq.)
Fraction	Fill in acid, base/neutral, acid/base/neutral, or volatiles analysis
Run Date/Time	Instrument run date (to be used for correlating calibration)
Target Cmpd. Tab.	Tabulated results for target compounds
Target Cmpd. D.L.	Detection limits for target compounds (actual/level indicated by screen
Tent. LD. Cmpd. Tab.	Tabulated results for tentatively identified compounds
Surr. Rec.	Surrogate recoveries results
GC Screen Tab.	Tabulated GC screen results indicating required level of followup
GC/MS Chromatograms	Chromatograms of GC/MS analysis runs
Target Cmpd. Quan. List	Target compounds quantitation list, showing areas, ret. times
Target Cmpd. Spectra	Enhanced and unenhanced spectra of target compound hits
Tent. LD. Cmpd. Q.L.	Quantitation list for tentatively identified compounds
Tent. Cmpd. Lib. Srch.	Spectra and library match spectra of tentatively identified compounds
Chro./Sens. Checks	EICP's and R.R.F.'s for chromatographic sensitivity checks
BFB/DFTPP Tune Data	Spectra intensity lists, and criteria comparison forms for BFB, DFTPP
I.S. Areas Charts	Internal standards area control charts and description of remedial action
I.S. Rel. Resp. Form	Internal standards relative response listings for each sample run
RF and amts.: Calib. Chk.	Tabulated response factors and amount injected for all cmpds. in calibration check
RF and amts.: 3-Pt. Calib.	Tabulated response factors and amount injected for all cmpds. in 3-point calibration
Chromatograms: Calib. Chk.	Chromatograms for calibration check standard
Chromatograms: 3-Pt. Calib.	Chromatograms for 3-point multilevel calibration standards.
Linearity: 3-Pt. Calib.	Tabulated correlation coefficient or relative standard deviation for calibration
RF Comparison	Tabulated comparison of calibration Response Factor with check standard
Sample/Field Blank	Equipment rinse or reagent water blank shipped with samples from field
Method/Instr. Blank	Method or instrument blank which is prepared at lab
Lab Duplicate	Sample which was split by lab for duplicate analysis
Field Dup/Rep	Sample which was split or collected twice in the field
Mat. Spk./M. Std.	Matrix spike or method standard (blind, or done by lab)
Pest. Tab.	Tabulated results for pesticides
Pest. D.L. Tab.	Tabulated detection limits for pesticides
Pest. Chro.	Chromatograms for pesticide screening
2nd Col. Conf.	Confirmation of pesticide results by using a second GC column and temperature
GC/MS Conf.	Confirmation of pesticide results by GC/MS analysis
Pest. Dup., Spk. Blk.	Pesticide duplicate, spike, and blank
Pest. Std. Chro.	Chromatogram of pesticide standard
Pest. Std. LD.	Pesticide standard identification form
TCDD	2,3,7,8-tetrachlorodibenzodioxin
TCDD Tab., D.L., EICP, Blk.	TCDD tabulated results, detection limits, extracted ion current profile, blank

KEY TO SYMBOLS USED IN DATA COMPLETENESS TABLE

Symbol	Meaning	Symbol	Meaning
✓	Data item present	I	Incomplete data item
NA	Data item not applicable or not required	NC	Data item not clearly explained (units of conc., etc)
P	Data item within established control limits		
F	Data item outside established control limits	* or [number]	See footnote
MS	Missing item	XX/XX/XX XX:XX	Date/Time of run (calibration, etc

RUN CHRONICLE

FRACTION: V/BA			FRACTION: B/N/A			FRACTION: ORIGINAL (Rev)		
RUN ORDER	RUN ID/ DESCRIPTION	DATE / TIME	RUN ORDER	RUN ID/ DESCRIPTION	DATE / TIME	RUN ORDER	RUN ID/ DESCRIPTION	DATE / TIME
	STD Gs840516 *C18	5/16/84 4:49		STD HG840529 *B16	5/29/84 20:03		1st Batch	
	STD G840608 *C19	6/8/84 4:52		STD HG840529 *A16	5/29/84 10:44			
				STD HG840606 *C15	6/6/84 5:13			
				STD HG840606 *A21	6/6/84 12:18			
	STD CS840514 *A19	5/14/84 0:09		STD HG840518C15	5/18/84 6:09		2nd Batch	
	STD CS840514B19	5/14/84 19:48		STD HG840531B15	5/31/84 19:55			
	C8469	5/14/84 15:11		C8469	5/18/84 9:25		2nd Batch samples	
	C8471	5/14/84 13:28		C8471	5/18/84 10:29			
	C8472	5/16/84 6:33		C8472	5/29/84 14:55		1st Batch samples	
	C8470	6/8/84 8:11		C8470	6/14/84 4:18			
	C8473	5/16/84 5:44		C8473	5/30/84 0:37			
			No possible flooding.					

				CONCENTRATION / DETECTION LIMIT
VOA	field Blank low / Solid	C8472 26835	NUS	methylene chloride (15 ug/Kg) 2 Acetone (2.6 ug/Kg) 2 Trichlorofluoromethane (4.2 ug/Kg) 2
B/N/A	field Blank low / Solid	C8472 26835	NUS	bis(2 ethylhexyl) phthalate (3240 ug/Kg) 2 di-n-octyl phthalate (200 ug/Kg) 2 pyrene (12 ug/Kg) 2
VOA	field Blank low / Aqueous	C8471 26827	NUS	methylene chloride (0.6 ug/l) 2 Trichlorofluoromethane (0.4 ug/l) 2
B/N/A	field Blank low Aqueous	C8471 26827	NUS	Bis(2 ethyl hexyl) phthalate (15 ug/Kg) di-n-octyl phthalate (8 ug/Kg)
VOA	LAB Blank	Prep. BLK	MEAD	methylene chloride (0.5 ug/Kg) 2 Acetone (3 ug/Kg) 2 2-Butanone (4 ug/Kg) 2
VOA	LAB Blank	meth BLK	MEAD	methylene chloride (1.5 ug/Kg) 2 Acetone (6 ug/Kg) 2 2-Butanone (4.4 ug/Kg) 2
VOA	LAB. BLK	meth BLK	MEAD	methylene chloride (1.2 ug/Kg) 2 Acetone (0.9 ug/Kg) 2
VOA	LAB BLK	meth BLK	MEAD	methylene chloride (14 ug/Kg) 2
B/N/A	LAB BLK	meth BLK	MEAD	pyrene (77 ug/Kg) 2 di n-octyl phthalate (87 ug/Kg) 2

LABORATORY REPORTED FIELD BLANK DATA IS COMPARED WITH THE SAMPLE DATA IN A TABULATION FORM WITHIN SAMPLE ANALYTICAL DATA SUMMARY. TENTATIVELY IDENTIFIED COMPOUNDS IN BLANKS ARE LISTED ON A SEPARATE

COMMENTS:

(1) RESULT REPORTED BY LABORATORY AND CONFIRMED BY REVIEWER.

(2) RESULT INFERRED FROM QUANTITATION LIST, DIAGNOSTICS, CHROMATOGRAM AND/OR SPECTRA.

SPIKES

Page ___ of ___

WATER SURROGATE PERCENT RECOVERY SUMMARY

CASE NO. 2737
LOW LEVEL
(WATER) X
CONTRACTOR CompuChem
MED. LEVEL
SOIL/SED.
CONTRACT NO. 68-01-6866
HIGH LEVEL
OTHER (Specify)
QC REPORT NO.

							Volatile			Semi-Volatile							Pesticide	Dioxin
SURR. I.D.	EXT. DATE	EXT. I.D.	DATE ANA.	ANAL. I.D.	CC #	SMO Traffic No.	(8233) D_8 Toluene 84-114	(8267) BFB 63-127*	(8250) D_4-1,2 Dichloro Ethane 90-130*	(8447) D_5 Nitro Benzene 42-131	(8480) 2-Fluoro Biphenyl 50-154	(8471) D_{10} Pyrene (NE)	(8496) D_{14} p-Ter Phenyl 54-118*	(8612) D_5 Phenol 15-98	(8619) 2-Fluoro Phenol 25-115*	(8628) 2,4,6-Tribromo Phenol 47-123*	(8738) Dibutyl Chlor-endate 67-114*	(8465) 1,2,3,4 TCDD 26-104
383	5/9		5/14	714	26821	26820 C8469	103	123	83	80	90	89	93	61	65	57	109	
382	5/14		5/18		26823	26820 C8469												
368	5/9		5/11		26825	26820 C8469												
364																		
383	5/9		5/14		26822	26820 C8469	107	126	86	80	82	84	81	54	60	49	94	
382	5/14		5/18		26824	26820 C8469												
368	5/9		5/11		26826	26820 C8469												
364																		
383																		
382																		
368																		
364																		
383																		
382																		
368																		
364																		
383																		
382																		
368																		
364																		

Comments: ~~C8469 LG~~ all recoveries acceptable.

*Asterisked values are outside of QC limits

Blanks

Page ___ of ___

WATER SURROGATE PERCENT RECOVERY SUMMARY

CASE NO. 2737
LOW LEVEL ✓✓
WATER xxx

CONTRACTOR CompuChem
MED. LEVEL
SOIL/SED.

CONTRACT NO. 68-01-6866
HIGH LEVEL
OTHER (Specify)

QC REPORT NO.

							Volatile			Semi-Volatile							Pesticide	Dioxin
SURR. I.D.	EXT. DATE	EXT. I.D.	DATE ANA.	ANAL. I.D.	CC #	SMO Traffic No.	(8233) D_8 Toluene 84-114	(8247) BFB 63-127*	(8250) D_4-1,2 Dichloro Ethane 90-130*	(8447) D_5 Nitro Benzene 42-131	(8480) 2-Fluoro Biphenyl 50-154	(8471) D_{10} Pyrene (NE)	(8495) D_{14} p-Ter Phenyl 54-118*	(8612) D_5 Phenol 15-90	(8619) 2-Fluoro Phenol 25-115*	(8628) 2,4,6-Tribromo Phenol 47-123*	(8738) Dibutyl Chlor-endate 67-114*	(8466) 1,2,3,4 TCDD 26-104
383					27169	B				93	104	99	115	34	49	45		
382	5/14		5/16															
368																		
364																		
383					28634	B				38	72	72	77	19	21	63		
382	5/31		6/2															
368																		
364																		
383					26867	B											75	
382																		
368	5/9		5/11	✓														
364																		
383			5/14		CB8405	4A19	86	93	97									
382																		
368																		
364																		
383																		
382																		
368																		
364																		

Comments: All recoveries were within specified range.

*Asterisked values are outside of QC limits

WATER SURROGATE PERCENT RECOVERY SUMMARY

CASE NO. 2737 Reports
LOW LEVEL
WATER XXX

CONTRACTOR CompuChem
MED. LEVEL
SOIL/SED.

CONTRACT NO. 68-01-6762 68-01-6866
HIGH LEVEL
OTHER (Specify)

QC REPORT NO.

SURR. I.D.	EXT. DATE	EXT. I.D.	DATE ANA.	ANAL. I.D.	GC #	SMO Traffic No.	Volatile (8233) D_8 Toluene 84-114	Volatile (8267) BFB 63-127*	Volatile (8258) D_4-1,2 Dichloro Ethane 90-120*	Semi-Volatile (8447) D_5 Nitro Benzene 42-131	Semi-Volatile (8448) 2-Fluoro Biphenyl 50-154	Semi-Volatile (8471) D_{10} Pyrene (NE)	Semi-Volatile (8496) D_{14} p-Ter Phenyl 54-118*	Semi-Volatile (8512) D_5 Phenol 16-90	Semi-Volatile (8519) 2-Fluoro Phenol 25-115*	Semi-Volatile (8528) 2,4,6-Tribromo Phenol 47-123*	Pesticide (8738) Dibutyl Chlor-endate 67-114*
383									(2)	*34	82	118	78	19(1)	*10	28	
382	5/31		6/01	763	26837R	C8471											
368																	
364																	
383																	
382																	
368																	
364																	
383																	
382																	
368																	
364																	
383																	
382																	
368																	
364																	
383																	
382																	
368																	
364																	

Comments: (1) C8471 although reported did not improve Recovery for 2-fluorophenol – Thus DL for some compounds may be higher than reported. This sample is a field Blank

Volatiles: ___ out of ___; outside of QC limits
___ out of ___; outside of QC limits

*Asterisked values are outside of QC limits
NE - Not established

WATER SURROGATE PERCENT RECOVERY SUMMARY

CASE NO. 2737
LOW LEVEL
(WATER) XXX

CONTRACTOR CompuChem
MED. LEVEL
SOIL/SED.

CONTRACT NO. 68-01-6762
68-01-6766
HIGH LEVEL
OTHER (Specify)

QC REPORT NO.

SURR. I.D.	EXT. DATE	EXT. I.D.	DATE ANA.	ANAL. I.D.	CC #	SMO Traffic No.	Volatile: (0233) D_8 Toluene 84-114	Volatile: (0247) BFB 63-127*	Volatile: (0258) D_4-1,2 Dichloro Ethane 90-130*	Semi-Volatile: (0447) D_5 Nitro Benzene 42-131	Semi-Volatile: (0448) 2-Fluoro Biphenyl 50-154	Semi-Volatile: (0471) D_{10} Pyrene (NE)	Semi-Volatile: (0496) D_{14} p-Ter Phenyl 54-118*	Semi-Volatile: (0612) D_5 Phenol 15-98	Semi-Volatile: (0619) 2-Fluoro Phenol 25-115*	Semi-Volatile: (0628) 2,4,6-Tribromo Phenol 47-123*	Pesticide: (0730) Dibutyl Chlor-endate 67-114*	Dioxin: (0466) 1,2,3 TCB 26-1
383	5/9		5/14	633	26820	C8469	103	113	87	77	88	83	83	25	48	64	38	
382	5/14		5/18															
368	5/9		5/11	597														
364																		
383	5/9		5/14	633	26837	C8471	108	116	88	78	86	92	86	26	14.6	2.2	86	
382	5/14		5/18	771														
368	5/9		5/11	597														
364																		
383																		
382																		
368																		
364																		
383																		
382																		
368																		
364																		
383																		
382																		
368																		
364																		

Comments: C8471- repeated (See next page)

0 out of 2 ; outside of QC limits

*Asterisked values are outside of QC limits
NE - Not established

SOIL SURROGATE PERCENT RECOVERY SUMMARY

Blanks

CASE NO. 2737
LOW LEVEL
WATER
QC REPORT NO.

CONTRACTOR CompuChem
MED. LEVEL
SOIL/SED. XX

CONTRACT NO. 68-01-6866
HIGH LEVEL
OTHER (Specify)

							Volatile			Semi-Volatile							Pesticide	Dioxin
SURR. I.D.	EXT. DATE	EXT. I.D.	DATE ANA.	ANAL. I.D.	GC #	SMO Traffic No.	(8233) D_8 Toluene 81-120	(8247) BFB 57-137*	(8250) D_4-1,2 Dichloro Ethane 60-150*	(8447) D_5 Nitro Benzene 19-115	(8448) 2-Fluoro Biphenyl 17-125	(8471) D_{10} Pyrene (NE)	(8496) D_{14} p-Ter Phenyl 34-126*	(8612) D_5 Phenol 10-104	(8619) 2-Fluoro Phenol 25-116	(8620) 2,4,6-Tribromo Phenol 32-124*	(8738) Dibutyl Chlor-endate 41-121*	(8466) 1,2,3,4 TCDD 11-128
383	5/9	.	5/15		26878	B	108	93	85									
382																		
368																		
364																		
383					27111	B				94	94	110	94	26	39	58	180	74
382	5/11		5/29															
368	5/17		5/21															
364	5/14		6/6															
383	5/16		5/23		27368	B	92	118	84									
382																		
368																		
364																		
383					28092	B				59	65	114	86	(-)	(-*)	(-*)		
382	6/1		6/20															
368																		
364																		
383				6884	6608C19	Blank	90	99	85									
382																		
368																		
364																		

Volatiles: 0 out of 2 ; outside of QC limits
Semivolatiles: 4 out of 8 ; outside of QC limits
Dioxin: 0 out of 1 ; outside of QC limits

~~[1] Not significant~~

*Asterisked values are outside of QC limits.
NE - Not established.

[1] No significant effect to data (This is Blank

SOIL SURROGATE PERCENT RECOVERY SUMMARY

CASE NO. 2737
LOW LEVEL XX
WATER
QC REPORT NO.

CONTRACTOR CompuChem
MED. LEVEL
SOIL/SED. XX

CONTRACT NO. 68-01-6762
68-01-6966
HIGH LEVEL
OTHER (Specify)

							[Volatile]			[Semi-Volatile]							[Pesticide]	[Dioxin]
SURR. I.D.	EXT. DATE	EXT. I.D.	DATE ANA.	ANAL. I.D.	CC #	SMO Traffic No.	(8233) D_8 Toluene 81-120	(8247) BFB 57-137*	(8258) D_4-1,2 Dichloro Ethane 50-150*	(8447) D_5 Nitro Benzene 19-115	(8448) 2-Fluoro Biphenyl 17-125	(8471) D_{10} Pyrene (NE)	(8496) D_{14} p-Ter Phenyl 34-126*	(8612) D_5 Phenol 10-104	(8619) 2-Fluoro Phenol 26-116	(8628) 2,4,6-Tribromo Phenol 32-124*	(8738) Dibutyl Chlor-endate 41-121*	(8466) 1,2,3,4 TCDD 11-128
383	5/7		6/8	633	26828	C8470	113	133	90	53	71	66	85	36	60	42	62	37
382	6/1		6/14	740										(1)	(1)	(1)		
368	5/17		5/21	597														
364	5/14		5/24	803														
383	5/9		5/10	82	26835	C8472	92	130	68	69	43	41	33	67	68	53	130	72
382	5/11		5/29	755														
368	5/17		5/21	679														
364	5/14		5/24	803														
383	5/9		5/10	812	26836	C8473	84	107	75	113	90	104	80	66	95	86	130	61
382	5/11		5/30	683														
368	5/17		5/	679														
364	5/14		5/24	803														
383																		
382																		
368																		
364																		
383	6/6	N OA	6/6/R			29317	Blank	109	132	85								
382																		
368																		
364																		

Volatiles: 0 out of 3 ; outside of QC limits
Semivolatiles: ___ out of ___ ; outside of QC limits
Dioxin: 0 out of 3 ; outside of QC limits

All recoveries acceptable

*Asterisked values are outside of QC limits.
NE - Not established.

Comments:

(1) See matrix spike recoveries.

SPIKES

SOIL SURROGATE PERCENT RECOVERY SUMMARY

CASE NO. 2737
LOW LEVEL ✓
WATER
QC REPORT NO.

CONTRACTOR CompuChem
MED. LEVEL
SOIL/SED. XX

CONTRACT NO. 68-01-6866
HIGH LEVEL
OTHER (Specify)

							Volatile			Semi-Volatile							Pesticide	Dioxin
SURR. I.D.	EXT. DATE	EXT. I.D.	DATE ANA.	ANAL. I.D.	CC #	SMO Traffic No.	(8233) D_8 Toluene 81-120	(8267) BFB 57-137*	(8258) D_4-1,2 Dichloro Ethane 50-150*	(8447) D_5 Nitro Benzene 19-115	(8448) 2-Fluoro Biphenyl 17-125	(8471) D_{10} Pyrene (NE)	(8456) D_{14} p-Ter Phenyl 34-126*	(8512) D_5 Phenol 10-104	(8519) 2-Fluoro Phenol 25-116	(8528) 2,4,6-Tribromo Phenol 32-124*	(8738) Dibutyl Chlor-endate 41-121*	(8466) 1,2,3,4 TCDD 11-128
383	5/9	.	5/16		26829	26828 C8470	100	132	81	73	86	57	106	36	25*	0*		
382	4/5		6/6		26831	26828 C8470									(1)	(1)		
368					26833													
364																		
383	5/9		5/16		26830	26828 C8470	89	123	66	96	87	92	75	6.0*	1.1*	4.8*		
382	3/11		3/29		26832	26828 C8470								(2)	(2)	(2)		
368			.		26834													
364																		
383																		
382																		
368																		
364																		
383																		
382																		
368																		
364																		
383	VOA	BLANK		6684	0516CB	Blank	99	121	76									
382																		
368																		
364																		

Volatiles: 0 out of 2 outside of QC limits
Semivolatiles: 2 out of 2 outside of QC limits
Dioxin: ___ out of ___ outside of QC limits

(1)- Actual D.L. for some acid fraction compounds may be substantially higher, in particular for 4-nitrophenol & PCP, although other compounds may be also affected.
(2)- Recoveries of all the acid surrogates are markedly lower than in actual sample CS4A

*Asterisked values are outside of QC limits.
NE = Not established.

[illegible] on matrix spike recoveries. [illegible] the duplicate matrix spike [illegible]

MATRIX SPIKE DUPLICATE/RECOVERY

CASE NO. 2737
LOW LEVEL XX
WATER
QC REPORT NO.

CONTRACTOR MEAD COMPUCHEM
MED. LEVEL
SOIL/SED. XX

CONTRACT NO. 68-01-6762/6866
HIGH LEVEL
OTHER (Specify)
UNITS (Circle) ug/kg ug/l

FRACTION	COMPOUND	SMO # CONC	CONC. SPIKE ADDED	CONC. MS	% REC.	CONC. MSD	% REC.	RPD	QC LIMITS* RPD	QC LIMITS* RECOVERY	COMMENTS
VOA 26828 SMO # C8470	1,1-Dichloroethylene	ND	12.5	14	112	12	96	15	<15%	51-150	26828
	Trichloroethylene	ND	12.5	13	104	11	88	17*	<15%	74-130	26835-36
	Chlorobenzene	ND	12.5	16	128	16	128	0	<15%	67-130	
MS # C8470 MSD # C8470	Toluene	ND	12.5	15	120	15	120	0	<15%	58-130	
	Benzene	ND	12.5	17	(3) 136*	14	112	19*	<15%	56-130	
B/N 26828 SMO # C8470	1,2,4-Trichlorobenzene	ND	2000	1700	85	1700	85	0	<50%	38-110	26828
	Acenaphthene	ND	2000	1600	80	1800	90	12	<50%	57-120	26835-36
	2,4-Dinitrotoluene	ND	2000	—	(1) *	1300	65	—	<50%	43-110	
MS # C8470 MSD # C8470	Di-N-Butylphthalate	ND	2000	1800	90	2100	105	15	<50%	13-110	
	Pyrene	ND	2000	1200	60	2100	105	62*	<50%	26-140	
	N-Nitrosodi-N-Propylamine	ND	8000	6900	86	6900	86	0	<50%	34-110	
	1,4-Dichlorobenzene	ND	2000	1600	80	1700	85	6	<50%	33-110	
ACID 26828 SMO # C8470	Pentachlorophenol	ND	2000	—	(2) *	—	(4) *	—	<40%	19-120	26828
	Phenol	ND	2000	800	40	—	(4) *	—	<40%	23-80	26835-36
	2-Chlorophenol	ND	2000	500	(3) 25*	—	(4) *	—	<40%	33-110	
MS # C8470 MSD # C8470	P-Chloro-M-Cresol	ND	2000	600	(3) 30*	—	(4) *	—	<40%	32-110	* SEE QA NOTICE
	4-Nitrophenol	ND	12000	—	(2) *	—	(4) *	—	<40%	15-90	
PEST 26836 SMO # C8473	Lindane	ND	437	370	85*	320	73	15	<40%	87-110	26828
	Heptachlor		437	380	87	320	73	18	<40%	43-120	26835-36
	Aldrin		437	380	87	320	73	18	<40%	45-110	
MS # C8473 MSD # C8473	Dieldrin		437	420	96	420	96	0	<40%	56-120	
	Endrin		437	430	98	425	97	1	<40%	89-110	
	P,P-DDT	ND	437	450	103	390	89	15	<40%	82-100	

*Asterisked values are outside QC limits.

RPD: VOAs 2 out of 5; outside QC limits
B/N 1 out of 7; outside QC limits

(1) - Actual D.L. may be substantially higher
(2) - Actual D.L. may be substantially higher
(3) - Not significant to affect data
(4) Spike not representative of sample pa[illegible] because of sample matrix behavior [illegible] sample [illegible]

RECOVERY: VOAs 1 out of 10; outside QC limits
B/N 1 out of 14; outside QC limits
ACID 4 out of 10; outside QC limits

MATRIX SPIKE SAMPLE/SAMPLE DUPLICATE RECOVERY

CASE NO. 2737
LOW LEVEL XX
MATRIX XX
QC REPORT NO.

CONTRACTOR MEAD COMPUCHEM
MED. LEVEL
SOIL/SED.

CONTRACT NO. 68-01-6762/6866
HIGH LEVEL
OTHER (Specify)
UNITS (Circle) ug/kg ug/l

FRACTION	COMPOUND	SMP # CONC	CONC. SPIKE ADDED	CONC. MS	% REC	CONC. MSD	% REC.	RPD	QC LIMITS* RPD	QC LIMITS* RECOVERY	COMMENTS
VOA SMP #	1,1-Dichloroethylene		25						<15%	51-150	
	Trichloroethylene		25						<15%	74-130	
	Chlorobenzene		25						<15%	67-130	
MS # MSD #	Toluene		25						<15%	56-130	
	Benzene		25						<15%	56-130	
B/N 26820 SMP # C8469	1,2,4-Trichlorobenzene	ND	200	160	80	150	75	7	<50%	39-110	26820 26827
	Acenaphthene	ND	200	190	95	190	95	0	<50%	57-120	
	2,4-Dinitrotoluene	ND	200	190	95	170	85	11	<50%	43-110	
MS # C8469 MSD # C8469	Di-N-Butylphthalate	ND	200	160	80	130	65	21	<50%	13-110	
	Pyrene	ND	200	200	100	200	100	0	<50%	35-140	
	N-Nitrosodi-N-Propylamine	ND	800	680	85	690	86	1	<50%	34-110	
	1,4-Dichlorobenzene	ND	200	150	75	140	70	7	<50%	33-110	
ACID 26820 SMP # C8469	Pentachlorophenol	ND	200	80	40	62	26	42*	<40%	19-120	26820 26827
	Phenol	ND	200	120	60	110	55	9	<40%	23-80	
	2-Chlorophenol	ND	200	160	80	140	70	13	<40%	33-110	
MS # C8469 MSD # C8469	P-Chloro-M-Cresol	ND	200	120	60	120	60	0	<40%	32-110	
	4-Nitrophenol	ND	1200	1200	100	690	58	60*	<40%	15-90	
PEST 26820 SMP # C8469	Lindane	ND	8.0	7	88	7	88	0	<40%	37-110	26820 26827
	Heptachlor	ND	8.0	7	88	7	88	0	<40%	43-120	
	Aldrin	ND	8.0	7	88	7	88	0	<40%	45-110	
MS # C8469 MSD # C8469	Dieldrin	ND	8.0	7	88	7	88	0	<40%	56-120	
	Endrin	ND	8.0	9	113*	8	100	12	<40%	39-110	
	P,P-DDT	ND	8.0	8	100	7	88	13	<40%	32-100	

*Asterisked values are outside QC limits.

[1] ~~[illegible] Sample may be different~~ - C8469.
[1] No effect on sample results for C8469.

RECOVERY: VOAs ___ out of ___ ; outside QC limits
B/N 7 out of 11 ; outside QC limits
[illegible] out of ___ ; outside QC limits

MATRIX SPIKE DUPLICATE/RECOVERY

CASE NO. 2737
LOW LEVEL XX
MATRIX XX
QC REPORT NO.

CONTRACTOR MEAD COMPUCHEM
MED. LEVEL
SOIL/SED.

CONTRACT NO. 68-01-6762/6866
HIGH LEVEL
OTHER (Specify)
UNITS (Circle) ug/kg (ug/l)

FRACTION	COMPOUND	SMO # CONC	CONC. SPIKE ADDED	CONC. MS	% REC	CONC. MSD	% REC.	RPD	QC LIMITS* RPD	QC LIMITS* RECOVERY	COMMENTS
VOA 26820 SMO # [26465]	1,1-Dichloroethylene	ND	25	28	112	29	116	4	<15%	51-150	26820
	Trichloroethylene	ND	25	25	100	24	96	4	<15%	74-130	26827
	Chlorobenzene	ND	25	33	132*	33	132*	0	<15%	67-130	
MS [8146] MSD [8147]	Toluene	ND	25	31	124	31	124	0	<15%	58-130	
	Benzene	ND	25	28	112	29	116	4	<15%	56-130	
B/N SMO #	1,2,4-Trichlorobenzene		100						<50%	38-110	
	Acenaphthene		100						<50%	57-120	
	2,4-Dinitrotoluene		100						<50%	43-110	
MS # ___ MSD # ___	Di-N-Butylphthalate		100						<50%	13-110	
	Pyrene		100						<50%	25-140	
	N-Nitrosodi-N-Propylamine		400						<50%	34-110	
	1,4-Dichlorobenzene		100						<50%	33-110	
ACID SMO #	Pentachlorophenol		100						<40%	19-120	
	Phenol		100						<40%	23-80	
	2-Chlorophenol		100						<40%	33-110	
MS # ___ MSD # ___	P-Chloro-M-Cresol		100						<40%	32-110	
	4-Nitrophenol		600						<40%	16-90	
PEST SMO #	Lindane		8.0						<40%	87-110	
	Heptachlor		8.0						<40%	43-120	
	Aldrin		8.0						<40%	45-110	
MS # ___ MSD # ___	Dieldrin		8.0						<40%	56-120	
	Endrin		8.0						<40%	89-110	
	P,P-DDT		8.0						<40%	82-100	

*Asterisked values are outside QC limits.

[1] Not significant to affect data.

RPD: VOAs 0 out of 5; outside QC limits
B/N ___ out of ___; outside QC limits

RECOVERY: VOAs 2 out of 10; outside QC limits
B/N ___ out of ___; outside QC limits

ORIGINAL (Red)