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ATKEARNEY

July 8, 1988

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Mr. Tom Clark
Regional Project Officer
U.S. Environmental Protection Agency
Region VI
1445 Ross Avenue
Dallas, Texas 75202-2733

Reference: EPA Contract No. 68-01-7374; Work Assignment
No. R26-05-49; Holloman AFB, Alamogordo, New
Mexico; EPA ID No. NM657212422; Primate
Research Lab NM0570024422; Visual Site
Inspection Agenda

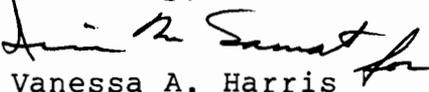
Dear Mr. Clark:

Enclosed is a proposed Visual Site Inspection (VSI) agenda
for the Holloman AFB facility in Alamogordo, New Mexico.
The Identified SWMU List (Attachment 1) and the
Preliminary Information Needs List (Attachment 2) are also
included.

The VSI has been scheduled for August 1-5, 1988. As noted
in the Project Plan Revision 1, the project schedule does
not allow variance from the milestones to meet the due
date of 9/28/88 as requested by the region.

Please feel free to call if you have any questions.

Sincerely,


Vanessa A. Harris
Work Assignment Manager

Enclosures

cc: W. Luthans, EPA Region VI (2)
L. Boada, EPA Region VI
J. Levin
L. Deets
J. Grieve
A. Anderson
A. McManus
B. Freeman
I. Sarnat
B. Morson, SAIC

1760E-CH

RCRA FACILITY ASSESSMENT
VISUAL SITE INSPECTION AGENDA

FACILITIES: Holloman Air Force Base
Alamogordo, New Mexico

EPA ID NO: NM6572124422

Primate Research Lab
Alamogordo, New Mexico

EPA ID NO: NM0570024422

FACILITY CONTACT: Terry Boone

DATES OF INSPECTION: August 1-5, 1988

PERSONNEL: V. Harris, A.T. Kearney, Inc.
A. McManus, A.T. Kearney, Inc.

PURPOSE OF INSPECTION

The Hazardous and Solid Waste Amendments of 1984 (HSWA) broaden the scope of EPA's authority under RCRA by requiring corrective action for releases of hazardous wastes and constituents at facilities that manage hazardous wastes. The RCRA Facility Assessment (RFA) is conducted to evaluate the potential for releases to the environment and the need for corrective action.

The RFA includes a desk-top review of available file information, a visual site inspection of the facility, and, if necessary, a sampling visit. Based on the review of available data for this facility, a visual site inspection (VSI) has been determined to be necessary. The purpose of the VSI is to:

1. Survey the site for hydrologic, geologic and surficial features.
2. Identify Solid Waste Management Units (SWMUs) and other Areas of Concern.
3. Review site information with facility representatives. Photographs are to be taken of all units and nearby surface water bodies.

INSPECTION ORGANIZATION

A.T. Kearney personnel will form a two-member team to perform a five-day inspection tour. The team, in general, will inspect process layout of production facilities, waste disposal areas such as landfills, tank farms, surface impoundments, industrial wastewater treatment plants and other site features. An interview with the facility staff will be performed to develop a better understanding of past waste disposal practices. Pertinent geologic information consisting of well logs, USGS topographic maps, plat and zoning maps and surrounding land use patterns will be reviewed. The team will concentrate on developing a better understanding of the waste generation, treatment, storage and disposal facilities. A review of the regional hydrogeology and site-specific data will be performed to make an assessment of depth to groundwater and its flow direction in the proximity of the Solid Waste Management Units.

The overall rationale of this inspection plan is to enable the team to trace waste streams from process through treatment/ disposal. Some adjustments to the agenda will more than likely be necessary to accommodate facility staff, geographical location of units and/or operational constraints.

A complete listing of identified units is provided in Attachment 1. The need to inspect the units shown in Attachment 1 will be established during the introductory meeting.

Preliminary information needs have been submitted as Attachment 2 to aid Holloman AFB in preparing for the site visit. These issues will be resolved in a meeting during the VSI. A more efficient agenda may be arranged in order to ensure that all SWMUs identified will be inspected.

HOLLOMAN AFB
ALAMOGORDO, NEW MEXICO
VISUAL SITE INSPECTION
AUGUST 1-5, 1988

PROPOSED INSPECTION SCHEDULE

The inspection will consist of three major events. These events are the Introductory Meeting and Discussions, Inspection Tour, and Close Out Meeting.

1. Introductory Meeting and Discussions, the project team will meet with Holloman AFB personnel to discuss:
 - Purpose of visit
 - Agenda
 - Safety and health considerations
 - Facility history and operations
 - Additional information needs pertaining to SWMUs identified during the file review.

This activity will begin at 8:00 a.m. on August 1, 1988 at Holloman Air Force Base.

2. Inspection Tour
The inspection tour will consist of a visual inspection of the identified potential SWMUs and other areas of concern. Photographs will be taken of these units and areas. The Inspection Tour schedule will be discussed and agreed upon during the Introductory Meeting and Discussions.

3. Close-out Meeting

The Close-Out meeting will be conducted at the completion of all inspection tour activities. At this time any remaining discussion of information needs and processes will take place. All inspection activities will be completed by 5:00 p.m. on August 5, 1988.

HOLLOMAN AIRFORCE BASE
ALAMOGORDO, NEW MEXICO
VISUAL SITE INSPECTION
AUGUST 1-5, 1988

ATTACHMENT 1

IDENTIFIED SWMU LIST

Bldg. No. 1 POL Drum Storage Site
Bldg. No. 15 Accumulation Pt.
Bldg. No. 15 Lab Satellite Accumulatn Pt.
Bldg. 21 Entomology Holding Tank
Bldg. 21 Entomology Satellite Accumulation Point
Bldg. 21 Entomology Leachfield
Bldg. 55 Paint Shop Accumulation Point
Bldg. 55 Heating Shop Refrigeration Shop Accumulation Point
Bldg. 59 Old Entomology Shop Location
Bldg. 67 Second Entomology Shop Location
Bldg. 112 - DPDO Defense Property Disposal Area
Bldg. 118 - DRMO/YDM
Bldg. 119 Dyncorp Radar
Bldg. 121 - 4 SCS/LKUM
Bldg. 130 - 833 RD T.S. Special Purpose Shop
Bldg. 135 - 833RD T.S. Allied Trades Shop
Bldg. 137 Military Gas Station
Bldg. 181 - 883 RD CRS Neutralization Unit
Bldg. 181 Less than 90 Day Accumulation Pt.
Bldg. 195- 833 T.S./LGTH Satellite Accumul. Pt.
Bldg. 198-833 T.S. General Purpose Vehicle Maintenance
Bldg. 198-833 T.S. Oil/Water Separator

ATTACHMENT 1 (Con't)

Bldg. 231 Hobby Shop Silver Recovery Unit
Bldg. 280 Machine Shop Accumulation Point
Bldg. 280 Environmental Systems Shop
Bldg. 281 Chromic Acid Plating Vats
Bldg. 281 Welding Shop Accumulation Point
Bldg. 282 Accumulation Point
Bldg. 282 Oil/Water Separator
Bldg. 282 Repair & Reclamation Shop Accumulation Point
Bldg. 282 Small Gas Turbin
Bldg. 282 Wheel & Tire Shop Accumulation Point
Bldg. 283 Oil/Water Separator
Bldg. 283 Satellite Accumulation Point
Bldg. 284 Accumul. Pt.
Bldg. 295 - Old AGE Refueling Station
Bldg. 297 Accumulation Point
Bldg. 300 Propulsion Shop Accumulation Point
Bldg. 300 Degreasing and Fingerprint Ink Removal Unit
Bldg. 300 Paint Lacquer Recycle Still Unit
Bldg. 300 Propulsion Shop Drains
Bldg. 300 479th CRS Propulsion Shop 200 gallon tank
Bldg. 300 Oil/Water Separator
Bldg. 301 AGS
Bldg. 301 Aircraft Maintenance Hangar (IR2 - Site 50)
Bldg. 306 Oil/Water Separator
Bldg. 306 F38 Aircraft Washrack
Bldg. 308 Corrosion Control Accumul. Pt.

ATTACHMENT 1 (Con't)

Bldg. 308 Corrosion Control Washrack
Bldg. 308 Oil/Water Separator
Bldg. 308 CRS/MAC FC
Bldg. 309 AGE
Bldg. 315 Oil/Water Separator
Bldg. 319 Photo Lab
Bldg. 332 Silver Recovery Unit
Bldg. 500 Accumul. Pt.
Bldg. 500 Electric Shop Lead Acid Battery Storage
Bldg. 500 Phase Docks Hydraulic Shop Accumulation Point
Bldg. 500 Oil/Water Inspection Shop Separator
Bldg. 500 Electric Shop Neutralization Unit
Bldg. 500 Satellite Accumulation Point
Bldg. 599 Combat Arms Shop Accumulation Pt.
Bldg. 638 Test Cell Oil/Water Separator
Bldg. 639 Sound Suppressor Oil/Water Separator
Bldg. 702 Refueling Maintenance Shop Accumulation Point
Bldgs. 702 and 704 Locale POL Washrack Discharge Area
Bldgs. 702 and 704 Locale POL Washrack Washdown Area
Bldgs. 702 and 704 Locale POL Washrack Oil/Water Separator
Bldgs. 702 and 704 Locale POL Washrack Trench
Bldg. 807 Test Cell
Bldg. 809 EMS Corrosion Control Shop Accumulation Point
Bldg. 809 EMS Corrosion Control Shop Oil/Water Separator
Bldg. 809 Test Cell Accumulation Point
Bldg. 811 Photo Lab

ATTACHMENT 1 (Con't)

Bldg. 816 Machine Shop Accumulation Point
Bldg. 816 Vehicle Washing Oil/Water Separator
Bldg. 822 EMS AGE Shop Accumulation Point
Bldg. 823 Accumul. Pt.
Bldg. 824 Plating Shop Waste Storage
Bldg. 824 Machine Shop Accumulation Point
Bldg. 830 Satellite Accumulation Point
Bldg. 835 TKEN Shops Satellite Accumul. Pt.
Bldg. 837 Fuel Labs Neutralization Unit
Bldg. 839 Accumul. Pt.
Bldg. 844 Dynacorp Satellite Accumul. Pt.
Bldg. 851 NDI Shop Accumulation Point
Bldg. 851 Hydraulics Shop Accumulation Point
Bldg. 867 Corrosion Control Shop Accumul. Pt.
Bldgs. 868 and 869 Oil/Water Separator
Bldg. 877 Aircraft Maintenance Shop Accumulation Point
Bldg. 882 Missile Test Facility
Bldg. 898 Electric Shop Accumulation Point
Bldg. 898 Wheels & Tires Accumulation Point
MOBSS Drainage Lagoon Disposal - Near Bldgs. 901/902
Bldg. 901 - 4449 MOBSS Corrosion Control Shop
Bldg. 901 - 4449 MOBSS Transport/Refrig/Power Waste Oil
Accumulation
Bldg. 901 - 4449 MOBSS Age Accumulation Point
Bldg. 901 - 4449 MOBSS Sanitation Incinerator
Bldg. 902 - 4449 MOBSS Machine Shop Accumul. Pt.
Bldg. 909 - 4449 MOBSS Paint Shop Accumul. Pt.

ATTACHMENT 1 (Con't)

Bldg. 910 (Near) West Area Landfill #1

Bldg. 910 - Photo Lab Solar Observatory

Bldgs. 920-924 - Drains Former Equipment Maintenance Area

Bldg. 1070 Track Readiness Shop Accumulation Point

Bldg. 1080 AGE Shop Accumulation Point

Bldg. 1080 AGE Shop Oil/Water Separator

Bldg. 1080 AGE Shop Small Pond

Bldg. 1080 AGE Shop Drainfield

Bldg. 1080 Weapons Shop Accumulation Point

Bldg. 1119 Dynalectron Corp. Satellite Accumulation Point

Bldg. 1166 Sled Test Maintenance Area Drainfield

Bldg. 1166 Sled Test Maintenance Area Accumulation Point

Bldg. 1166 Sled Recovery Shop Recycling Unit

Bldg. 1176 Test Sled Launch Area Small Pond

Bldg. 1176 Test Sled Launch Area Treatment System

Bldg. 1178 Corrosion Control Accumulation Pt.

Bldg. 1178 Track Metal Processing Accumul. Pt.

Bldg. 1178 Satellite Generator Site

Bldgs. 1191 and 1192 Unconventional Fuel Area Run Off Pits

Bldg. 1264 Primate Research Center Building Sewer Lines Release
Site

Bldg. 1264 Primate Research Center Accumulation Point

Bldg. 1264 - Central Inertia Guidance Test Facility Spent Solvent
Disposal Burn Area

Bldg. 1266 Paint Shop Satellite Accumul. Pt.

Taxiway 4 - Tank 28

Taxiway 8 Sound Suppressor Engine Test Facility Oil/Water Separator

ATTACHMENT 1 (Con't)

Pad 9 Washrack Area Sump

Main Taxi Access Underground Fuel Tank

Leaking Underground Storage Tank - Diesel Fuel - Noted 6/24/85

Tank #15 - JP-4 Fuel Storage Tank

49 EMS/MAEFC 300 lb. Capacity Burn Area

6585 TG 20,000 Pound Detonation Pit for Rocket Boosters

Munitions Burn Area Incinerator "Burn Kettle"

Munitions Storage Area

Open Burn Pits for Munitions

Munitions Burial Trenches

Grease Trap Disposal Area

Cooking Grease Disposal Trenches

Fire Training Area Burn Site

Fire Training Area Oil/Water Separator

Fire Training Area Storage Tank

Pond A

Pond B

Pond C

Pond D

Pond E

Pond G

Recirculating Pond

Recirculating Line

Effluent Distribution (Splitter Box

Influent Collection Box/ Comminutor

Bldg. 752 Parshall Flume, Wet Well

Lake Holloman

Lake Stinky

ATTACHMENT 1 (Con't)

Waste Treatment Plant Trench (Landfill) (IR Site 20)
Imhoff Tanks (5)
Sludge Drying Beds
Sanitary Sewer
Existing Main Base Landfill (IR Site 1)
Causeway Rubble Disposal Site
Spill Coco Block House Disposal Well (IR Site 41)
Herbicide Disposal (IR Site 13)
Old Main Base Landfill (IR Site 10)
Old Main Base Landfill Incinerator
Radioactive Material Burial Site (IR Site 42)
Former North Area Washrack (IR Site 28)
Former Army Landfill (IR Site 29)
MOBSS Landfill Disposal Trench (IR Site 23)
Refrigeration/Heat Shop Washrack and Drainfield (IR Site 15)
PCB Bunker near Atlas Substation
Main Base Electrical Substation PCB Disposal Site
ABLE 51 PCB Storage Area
Golf Course Landfill
West Area Landfill No. 2
Rubble Disposal Site S.E. of POL Site
Refuse Collection - Truck Washrack Leach Field S.W. of POL Site -
IR Site 8
POL Tanks Sludge Burial POL Fenced Area - IR Site 3
Acid Trailer Burial Site E of POL Storage Area - IR Site 4 -
Landfill
RATSCAT - White Sands Missile Base
X-Ray Laboratory

ATTACHMENT 1 (Con't)

AREAS OF CONCERN

POL Ruptured Fuel Line South Side of Fenced Area IR Site 6

Spill Area - POL Storage Area - IR Site 2 - POL Site 1 - 14 Tanks

Tank #7 - JP4 Fuels Storage Tank Spill - POL Storage Area

West Area Photo Lab

Early Missile Testing Site

Spill N.E. of Base Housing

Auto Hobby Shop Carburetor Cleaning

BX Service Station Underground Fuel Line Leakage

49th TAC Fighter Wing Flightline

POL Area Tank 1

POL Area Tank 2

POL Area Tank 3

POL Area Tank 4

POL Area Tank 5

POL Area Tank 6

POL Area Tank 7

89-105 Tank 1

89-105 Tank 2

89-105 Tank 3

89-105 Tank 4

89-105 Tank 5

89-105 Tank 6

Bldg. 137 Tank 1

Bldg. 137 Tank 2

ATTACHMENT 1 (Con't)

Bldg. 137 Tank 3

89-106 Tank 1

89-106 Tank 2

Bldg. 18 Tank

Bldg. 15 Tank

Bldg. 787 Tank

Bldg. 298 Tank 1

Bldg. 298 Tank 2

Bldg. 298 Tank 3

Bldg. 585 Tank

Bldg. 638 Tank

Bldg. 828 Tank 1

Bldg. 828 Tank 2

Bldg. 828 Tank 3

Bldg. 845 Tank 1

Bldg. 845 Tank 2

Bldgs. 1159/1160 Tank

Bldg. 1254 Tank

Bldg. 1256 Tank

Bldg. 1119 Tank

1769E

ATTACHMENT 2

PRELIMINARY INFORMATION NEEDS
FOR RCRA FACILITY ASSESSMENT

General Items

1. Please provide an overview of individual processes that occur on site. For each process, identify any and all wastes generated and describe the waste management practices for these wastes.
2. Provide a site map with identified SWMU locations.
3. Provide any maps which show the location of sumps, sewer drains and sewer lines.
4. Submit information relative to the history of the facility including:
 - a) Date of organization
 - b) Former owners and manufacturing processes as well as wastes generated.
5. The Generator Biennial Hazardous Waste Report for 1985 indicates that the facility generated:
 - . 95 lbs. of beryllium dust
 - . 302 lbs. of nickel-cadmium batteries

If these wastes were disposed of on-site and/or continue to be generated on-site, please supply all of the information called for on the matrix for each waste.
6. A file note of 06-24-85/ Boyd from Bob Andreoli refers to a release of 2 gallons of 1,1,1 Trichlorethanol. Please supply information regarding remedial action taken and results.
7. Correspondence from DPDO Holloman to EPA Regional Office dated 10/22/84, refers to a manifested shipment refused by the receiver. The shipment included:
 - . 75 gallons of potassium permanganate
 - . 525 gallons of waste corrosive liquid
 - . 260 gallons of waste NaOH flakes
 - . 19 gallons of waste hydrochloric acid

Are these items stored anywhere on the base? If so, please state where they are stored.

ATTACHMENT 2 (Cont'd.)

PRELIMINARY INFORMATION NEEDS
FOR RCRA FACILITY ASSESSMENT

Items Related to Specific SWMUs

Attached are two lists of informational needs related to specific SWMUs. The first is a matrix on which specific items have been checked as being needed. If a check appears in the column headed "Additional Questions", those questions will be found on the second list of information needs by SWMUs

The following is a brief description of what is wanted for each category on the matrix:

UNIT DESCRIPTION

Type: Describe what type of unit this is such as:

- . Waste Pile
- . Surface Impoundment
- . Storage Tank
- . Container Storage Area
- . Landfill
- . Tanks
- . Land Treatment
- . Incinerators
- . Thermal Treatment
- . Chemical, Physical or Biological Treatment

Purpose: What is the unit used for?

- . Waste Storage
- . Solid Waste Disposal
- . Plating of Metal Parts
- . Paint Stripping
- . Fuel Storage
- . Etc.

Location: Include description, as available, including:

- . Building Number
- . Distance and direction from specific landmarks
- . Location on a map

ATTACHMENT 2 (Cont'd.)

PRELIMINARY INFORMATION NEEDS
FOR RCRA FACILITY ASSESSMENT

Dimension: The physical size of the facility such as:

- . Width, Depth and Breadth
- . Acreage
- . Other

Capacity: Express as gallons, tons, cubic feet or yards, etc. for static units or as a flow rate (gallons per minute/hour) for a process.

Structure: Is the SWMU indoors, out-of-doors or covered?
Is it below ground, in ground or above ground?
Is it fully closed or open to the air?

Construction
Material:

If a tank, is it made of concrete, steel or other materials? Is it lined? With what?

If a surface impoundment, is it lined? With what? Is it diked? What are the dikes made of?

Waste
Conveyance:

How are wastes brought into the unit (pipe, barrels, chute, ditch, etc)?

How are wastes removed from the unit?

Underlying Material: Is the unit located on:

- . Concrete
- . Asphalt
- . Gravel
- . Grass
- . Soil
- . Other

Operating Dates

Date Unit Began Operation:
Date Unit Became Inactive:
Date Unit Formally Closed:

ATTACHMENT 2 (Cont'd.)

PRELIMINARY INFORMATION NEEDS
FOR RCRA FACILITY ASSESSMENT

Closure Status

Is the unit:

- . Active
- . Inactive but physically present
- . Inactive and removed or dismantled
- . Closed under State and/or EPA
- . Other

Wastes

Managed

List actual wastes managed.
Include relevant codes where known.
List maximum volumes stored/generated for each waste.

Sources/Disposition

For each waste describe both source(s) and
disposition(s)

Release Controls

Describe all relevant release controls employed including:

- . Overflow controls
- . Lining systems and berms
- . Freeboard height and monitoring
- . Leak detection devices
- . Dikes
- . Covers
- . Aprons

Release History

List all past releases of waste materials including:

- . Date of Release
- . Volume of Release
- . Clean-up methods employed
- . Results of post-cleanup monitoring (sampling results)

**PRELIMINARY INFORMATION NEEDS
FOR RCRA FACILITY ASSESSMENT**

Be specific as to whether the release was to (one or more of):

- . Air
- . Soil
- . Ground Water
- . Surface Water
- . Subsurface Gas

Other Information

A check in this box indicates that there are specific questions for this site on the second list of informational need.

I N F O R M A T I O N N E E D S

SWMU NAME	U N I T I N F O R M A T I O N										WASTE			RELEASE		O T H E R I N F O R M A T I O N						
	T Y P E	P U R P O S E	L O C A T I O N	D I M E N S I O N S	C A P A C I T Y	S T R U C T U R E	C O N S T R U C T I O N	M A T E R I A L S	W A S T E	C O N V E Y A N C E	U N D E R L Y I N G	M A T E R I A L	O P E R A T I N G	D A T E S	C L O S U R E		S T A T U S	M A N A G E D	S O U R C E S	D I S P O S I T I O N	C O N T R O L S	H I S T O R Y
Bldg. 282 Oil/Water Separator	X	X	X	X		X	X	X	X	X				X	X	X	X	X	X	X	X	
Bldg. 282 Repair & Reclamation Shop Accumulation Point	X	X	X	X	X	X	X	X	X	X				X	X	X	X	X	X	X	X	
Bldg. 282 Small Gas Turbin	X	X	X	X	X	X	X	X	X	X			X	X	X	X	X	X	X	X	X	X
Bldg. 282 Wheel & Tire Shop Accumulation Point	X	X	X	X	X	X	X	X	X	X			X	X	X	X	X	X	X	X	X	X
Bldg. 283 Oil/Water Separator	X	X	X	X	X	X	X	X	X	X			X	X	X	X	X	X	X	X	X	X
Bldg. 283 Satellite Accumulation Point	X	X	X	X	X	X	X	X	X	X			X	X	X	X	X	X	X	X	X	
Bldg. 284 Accumul. Pt.	X	X	X	X	X	X	X	X	X	X			X	X	X	X	X	X	X	X	X	
Bldg. 295 - Old AGE Refueling Station	X	X	X	X	X	X	X	X	X	X			X	X	X	X	X	X	X	X	X	X
Bldg. 297 Accumulation Point	X	X	X	X	X	X	X	X	X	X			X	X	X	X	X	X	X	X	X	
Bldg. 300 Propulsion Shop Accumulation Point				X	X	X	X	X	X	X				X					X	X	X	
Bldg. 300 Degreasing and Fingerprint Ink Removal Unit	X			X	X	X	X	X	X	X			X	X	X	X	X	X	X	X	X	
Bldg. 300 Paint Lacquer Recycle Still Unit	X			X	X	X	X	X	X	X			X	X	X	X	X	X	X	X	X	
Bldg. 300 Propulsion Shop Drains				X	X	X	X	X	X	X			X						X	X		
Bldg. 300 479th CRS Propulsion Shop 200 gallon tank		X		X		X	X	X	X	X			X				X	X	X	X	X	X

I N F O R M A T I O N N E E D S

SWMU NAME	U N I T I N F O R M A T I O N											WASTE			RELEASE		O T H E R I N F O R M A T I O N					
	T Y P E	P U R P O S E	L O C A T I O N	D I M E N S I O N S	C A P A C I T Y	S T R U C T U R E	C O N S T R U C T I O N	M A T E R I A L S	W A S T E	C O N V E Y A N C E	U N D E R L Y I N G	M A T E R I A L	O P E R A T I N G	D A T E S	C L O S U R E	S T A T U S		M A N A G E D	S O U R C E S	D I S P O S I T I O N	C O N T R O L S	H I S T O R Y
Bldg. 300 Oil/Water Separator	X			X		X	X	X	X	X					X	X				X	X	
Bldg. 301 AGS	X	X		X	X	X	X	X	X	X					X	X		X	X	X	X	
Bldg. 301 Aircraft Maintenance Hangar (IR2 - Site 50)	X	X		X	X	X	X	X	X	X					X	X		X	X	X	X	X
Bldg. 306 Oil/Water Separator				X		X	X	X	X	X					X	X				X	X	
Bldg. 306 F38 Aircraft Washrack	X			X	X	X	X	X	X	X					X	X		X	X	X	X	
Bldg. 308 Corrosion Control Accumul. Pt.				X		X	X	X	X						X					X	X	
Bldg. 308 Corrosion Control Washrack	X			X	X	X	X	X	X	X					X	X		X	X	X	X	
Bldg. 308 Oil/Water Separator				X		X	X	X	X	X					X					X		
Bldg. 308 CRS/MAC FC	X	X		X	X	X	X	X	X	X					X	X		X	X	X	X	X
Bldg. 309 AGE	X	X		X	X	X	X	X	X	X					X	X		X	X	X	X	
Bldg. 315 Oil/Water Separator				X		X	X	X	X	X					X	X				X	X	
Bldg. 319 Photo Lab	X	X		X	X	X	X	X	X	X					X	X		X	X	X	X	X
Bldg. 332 Silver Recovery Unit	X			X	X	X	X	X	X	X					X	X		X	X	X	X	
Bldg. 500 Accumul. Pt.	X	X		X	X	X	X	X	X	X					X			X	X	X	X	
Bldg. 500 Electric Shop Lead Acid Battery Storage	X	X	X	X	X	X	X	X	X	X					X	X		X	X	X	X	

I N F O R M A T I O N N E E D S

SWMU NAME	U N I T I N F O R M A T I O N										WASTE			RELEASE		O T H E R I N F O R M A T I O N						
	T Y P E	P U R P O S E	L O C A T I O N	D I M E N S I O N S	C A P A C I T Y	S T R U C T U R E	C O N S T R U C T I O N	M A T E R I A L S	W A S T E	C O N V E Y A N C E	U N D E R L Y I N G	M A T E R I A L	O P E R A T I N G	D A T E S	C L O S U R E		S T A T U S	M A N A G E D	S O U R C E S	D I S P O S I T I O N	C O N T R O L S	H I S T O R Y
Bldg. 809 EMS Corrosion Control Shop Accumulation Point	X			X		X	X	X	X	X			X					X	X	X	X	
Bldg. 809 EMS Corrosion Control Shop Oil/Water Separator	X	X	X	X	X	X	X	X	X	X							X	X	X	X	X	
Bldg. 809 Test Cell Accumulation Point	X	X	X	X	X	X	X	X	X	X			X			X	X			X	X	
Bldg. 811 Photo Lab	X	X	X	X	X	X	X	X	X	X			X			X	X	X	X	X	X	
Bldg. 816 Machine Shop Accumulation Point	X	X	X	X	X	X	X	X	X	X						X	X	X	X	X	X	
Bldg. 816 Vehicle Washing Oil/Water Separator	X	X	X	X	X	X	X	X	X	X			X			X	X	X	X	X	X	
Bldg. 822 EMS AGE Shop Accumulation Point	X	X	X	X	X	X	X	X	X	X			X							X	X	
Bldg. 823 Accumul. Pt.	X	X	X	X	X	X	X	X	X	X						X	X	X	X	X	X	
Bldg. 824 Plating Shop Waste Storage	X	X	X	X	X	X	X	X	X	X			X			X	X	X	X	X	X	
Bldg. 824 Machine Shop Accumulation Point	X	X	X	X	X	X	X	X	X	X			X			X	X	X	X	X	X	
Bldg. 830 Satellite Accumulation Point	X	X	X	X	X	X	X	X	X	X			X						X	X	X	
Bldg. 835 TKEN Shops Satellite Accumul. Pt.	X	X	X	X	X	X	X	X	X	X			X							X	X	
Bldg. 837 Fuel Labs Neutralization Unit	X	X	X	X	X	X	X	X	X	X			X			X	X	X	X	X	X	
Bldg. 839 Accumul. Pt.	X	X	X	X		X	X	X	X								X	X	X	X	X	
Bldg. 844 Dynacorp Satellite Accumul. Pt.	X	X	X	X	X	X	X	X	X	X			X			X	X	X	X	X	X	

I N F O R M A T I O N N E E D S

SWMU NAME	U N I T I N F O R M A T I O N										WASTE			RELEASE		O T H E R I N F O R M A T I O N						
	T Y P E	P U R P O S E	L O C A T I O N	D I M E N S I O N S	C A P A C I T Y	S T R U C T U R E	C O N S T R U C T I O N	M A T E R I A L S	W A S T E	C O N V E Y A N C E	U N D E R L Y I N G	M A T E R I A L	O P E R A T I N G	D A T E S	C L O S U R E		S T A T U S	M A N A G E D	S O U R C E S	D I S P O S I T I O N	C O N T R O L S	H I S T O R Y
Taxiway 8 Sound Suppressor Engine Test Facility Oil/Water Separator	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Pad 9 Washrack Area Sump	X		X	X	X	X	X	X	X	X				X	X	X	X	X	X	X	X	
Main Taxi Access Underground Fuel Tank	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Leaking Underground Storage Tank - Diesel Fuel - Noted 6/24/85	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Tank #15 - JP-4 Fuel Storage Tank	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
49 EMS/MAEFC 300 lb. Capacity Burn Area	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
6585 TG 20,000 Pound Detonation Pit for Rocket Boosters	X	X	X	X		X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Munitions Burn Area Incinerator "Burn Kettle"	X	X	X		X	X			X	X				X			X	X	X	X	X	
Munitions Storage Area	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Open Burn Pits for Munitions	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Munitions Burial Trenches	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Grease Trap Disposal Area	X	X	X		X	X	X	X	X	X				X			X	X	X	X	X	
Cooking Grease Disposal Trenches	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
Fire Training Area Burn Site	X	X	X		X	X	X	X	X	X				X			X	X	X	X	X	

I N F O R M A T I O N N E E D S

AREAS OF CONCERN

	U N I T I N F O R M A T I O N											WASTE			RELEASE		O T H E R I N F O R M A T I O N					
	T Y P E	P U R P O S E	L O C A T I O N	D I M E N S I O N S	C A P A C I T Y	S T R U C T U R E	C O N S T R U C T I O N	M A T E R I A L S	W A S T E	C O N V E Y A N C E	U N D E R L Y I N G	M A T E R I A L	O P E R A T I N G	D A T E S	C L O S U R E	S T A T U S		M A N A G E D	S O U R C E S	D I S P O S I T I O N	C O N T R O L S	H I S T O R Y
POL Ruptured Fuel Line South Side of Fenced Area IR Site 6			X		X	X	X				X		X		X						X	
Spill Area - POL Storage Area - IR Site 2 - POL Site 1 - 14 Tanks			X	X			X				X		X		X		X	X	X	X	X	
Tank #7 - JP4 Fuels Storage Tank Spill - POL Storage Area			X								X									X	X	X
West Area Photo Lab																						X
Early Missile Testing Site			X	X							X		X		X		X				X	X
Spill N.E. of Base Housing			X																		X	X
Auto Hobby Shop Carburetor Cleaning			X						X				X		X		X		X	X		
BX Service Station Underground Fuel Line Leakage																						
49th TAC Fighter Wing Flightline			X								X					X		X			X	X
POL Area Tank 1	X	X	X	X			X	X	X	X	X		X		X		X	X	X	X	X	
POL Area Tank 2	X	X	X	X			X	X	X	X	X		X		X		X	X	X	X	X	
POL Area Tank 3	X	X	X	X			X	X	X	X	X		X		X		X	X	X	X	X	
POL Area Tank 4	X	X	X	X			X	X	X	X	X		X		X		X	X	X	X	X	
POL Area Tank 5	X	X	X	X			X	X	X	X	X		X		X		X	X	X	X	X	
POL Area Tank 6	X	X	X	X			X	X	X	X	X		X		X		X	X	X	X	X	

I N F O R M A T I O N N E E D S

SWMU NAME	U N I T I N F O R M A T I O N											WASTE			RELEASE		O T H E R I N F O R M A T I O N				
	T Y P E	P U R P O S E	L O C A T I O N	D I M E N S I O N S	C A P A C I T Y	S T R U C T U R E	C O N S T R U C T I O N	M A T E R I A L S	W A S T E	C O N V E Y A N C E	U N D E R L Y I N G	M A T E R I A L	O P E R A T I N G	D A T E S	C L O S U R E	S T A T U S		M A N A G E D	S O U R C E S	D I S P O S I T I O N	C O N T R O L S
POL Area Tank 7	X	X	X	X		X	X	X	X	X	X	X	X	X		X	X	X	X		
89-105 Tank 1	X	X	X	X		X	X	X	X	X	X	X	X	X		X	X	X	X		
89-105 Tank 2	X	X	X	X		X	X	X	X	X	X	X	X	X		X	X	X	X		
89-105 Tank 3	X	X	X	X		X	X	X	X	X	X	X	X	X		X	X	X	X		
89-105 Tank 4	X	X	X	X		X	X	X	X	X	X	X	X	X		X	X	X	X		
89-105 Tank 5	X	X	X	X		X	X	X	X	X	X	X	X	X		X	X	X	X		
89-105 Tank 6	X	X	X	X		X	X	X	X	X	X	X	X	X		X	X	X	X		
Bldg. 137 Tank 1	X	X	X	X		X	X	X	X	X	X	X	X	X		X	X	X	X		
Bldg. 137 Tank 2	X	X	X	X		X	X	X	X	X	X	X	X	X		X	X	X	X		
Bldg. 137 Tank 3	X	X	X	X		X	X	X	X	X	X	X	X	X		X	X	X	X		
89-106 Tank 1	X	X	X	X		X	X	X	X	X	X	X	X	X		X	X	X	X		
89-106 Tank 2	X	X	X	X		X	X	X	X	X	X	X	X	X		X	X	X	X		
Bldg. 18 Tank	X	X	X	X		X	X	X	X	X	X	X	X	X		X	X	X	X		
Bldg. 15 Tank	X	X	X	X		X	X	X	X	X	X	X	X	X		X	X	X	X		
Bldg. 787 Tank	X	X	X	X		X	X	X	X	X	X	X	X	X		X	X	X	X		
Bldg. 298 Tank 1	X	X	X	X		X	X	X	X	X	X	X	X	X		X	X	X	X		
Bldg. 298 Tank 2	X	X	X	X		X	X	X	X	X	X	X	X	X		X	X	X	X		
Bldg. 298 Tank 3	X	X	X	X		X	X	X	X	X	X	X	X	X		X	X	X	X		
Bldg. 585 Tank	X	X	X	X		X	X	X	X	X	X	X	X	X		X	X	X	X		
Bldg. 638 Tank	X	X	X	X		X	X	X	X	X	X	X	X	X		X	X	X	X		
Bldg. 828 Tank 1	X	X	X	X		X	X	X	X	X	X	X	X	X		X	X	X	X		

I N F O R M A T I O N N E E D S

SWMU NAME

	U N I T I N F O R M A T I O N											WASTE			RELEASE		O T H E R I N F O R M A T I O N				
	T Y P E	P U R P O S E	L O C A T I O N	D I M E N S I O N S	C A P A C I T Y	S T R U C T U R E	C O N S T R U C T I O N	M A T E R I A L S	W A S T E	C O N V E Y A N C E	U N D E R L Y I N G	M A T E R I A L	O P E R A T I N G	D A T E S	C L O S U R E	S T A T U S		M A N A G E D	S O U R C E S	D I S P O S I T I O N	C O N T R O L S
Bldg. 828 Tank 2	X	X	X	X		X	X	X	X	X	X	X	X	X		X	X	X	X	X	
Bldg. 828 Tank 3	X	X	X	X		X	X	X	X	X	X	X	X	X		X	X	X	X	X	
Bldg. 845 Tank 1	X	X	X	X		X	X	X	X	X	X	X	X	X		X	X	X	X	X	
Bldg. 845 Tank 2	X	X	X	X		X	X	X	X	X	X	X	X	X		X	X	X	X	X	
Bldgs. 1159/1160 Tank	X	X	X	X		X	X	X	X	X	X	X	X	X		X	X	X	X	X	
Bldg. 1254 Tank	X	X	X	X		X	X	X	X	X	X	X	X	X		X	X	X	X	X	
Bldg. 1256 Tank	X	X	X	X		X	X	X	X	X	X	X	X	X		X	X	X	X	X	
Bldg. 1119 Tank	X	X	X	X		X	X	X	X	X	X	X	X	X		X	X	X	X	X	

ATTACHMENT 2 (Cont'd.)

PRELIMINARY INFORMATION NEEDS
FOR RCRA FACILITY ASSESSMENT

ADDITIONAL INFORMATION REQUIRED FOR INDIVIDUAL SWMUS

Building 1 POL Drum (IRP Site 9)

Describe if, and how, the contaminated soil underlying the container storage area was cleaned or removed prior to closure or paving. If the unit is still active, describe the material currently underlying the unit.

Building 15

Does Building 15 have more than one waste accumulation point? Describe them.

Building 21

Describe how the break in the sewer line which caused a pit to form in the leach field was rectified.

Building 55

Does Building 55 have more than one waste accumulation point? Describe them.

Building 137 - Military Gas Station

Literature indicated there has been a possible tank leak. Has this been verified or disproved? If verified, what remedial actions have been taken? What is the current condition/status of the tank?

POL Tanks Sludge Burial - POL Fenced Area

Please supply date of last set of soil sampling and results.

Acid Trailer Burial Site - East of POL Storage Area

Have soil samples been analyzed for this area recently? When? What were results?

ATTACHMENT 2 (Cont'd.)

PRELIMINARY INFORMATION NEEDS
FOR RCRA FACILITY ASSESSMENT

ADDITIONAL INFORMATION REQUIRED FOR INDIVIDUAL SWMUS

Tank #7 JP4 Fuel Spill

The Installation Restoration Program Records Search prepared by CH2M Hill in August of 1983 refers to an overtopping of a bulk JP-4 storage tank (about 2 years prior) resulting in a spill estimated to be 30,000 gallons. It also states that most of it was recovered. Has any ground water monitoring been done to ascertain whether any amount of this gas is still in the vicinity?

Building 280

Does Building 280 have more than one waste accumulation point? Describe them.

Building 282

Does Building 282 have more than one waste accumulation point? Does the accumulation point serve shops in Building 283?

Building 283

Does Building 283 have more than one oil/water separator? Describe them.

Building 295

Fuel was discovered floating on water in ditch near Building 295. Please identify the unit from which this fuel was released. Provide date, volume and areal extent of the release and clean-up methods employed.

Building 300 479th CRS Propulsion Shop Tank

Does this unit handle waste or raw material?

Building 301 AGS

This unit was identified as handling used oils, fuels and hydraulic fluid. No other information was provided. Please provide information checked on the matrix.

ATTACHMENT 2 (Cont'd.)

ADDITIONAL INFORMATION REQUIRED FOR INDIVIDUAL SWMUS

Building 301 Aircraft Maintenance Hangar (IR2-Site 50)

Liquid hydrocarbons were discovered in the water table during exploratory digging for sewer line. Indicate source of contamination and provide all information checked on the matrix.

Building 308 CRS/MACFC

According to the SWMU Response Letter, spills of methylene chloride and phenol were identified in this location. Indicate source of contamination and provide all information checked on the matrix.

Building 309 AGE

Used oils, fuels and hydraulic fluid were identified from an unknown unit at this location. No other information was provided. Please provide information checked on the matrix.

Building 319 Photo Lab

Propionic Acid, Formaldehyde and Methanol were identified from an unknown unit at this location. No other information was provided. Please provide information checked on the matrix.

Building 752 Parshall Flume, Wet Well

Clarify capacity in gallons/day.

Building 882

A small quantity of fuel spillage was noted in 1976 near Pad 8. Please identify the unit from which this release occurred. Provide date, amount and areal extent of the release and the clean-up methods employed.

Building 1119

A release of formaldehyde and methanol was reported in 1984. Please identify the unit(s) from which this release occurred. Provide date and areal extent of the release. Specify the media to which the materials were released, e.g. air, surface water, soil, groundwater, and subsurface gas.

ATTACHMENT 2 (Cont'd.)

ADDITIONAL INFORMATION REQUIRED FOR INDIVIDUAL SWMUS

RATSCAT - White Sands Missile Base

Literature indicates that this facility is a Small Quantity Generator (SQG) of hazardous wastes. Please supply all of the information requested on the previous list and supply date classified as SQG.

X-Ray Laboratory

Methanol, acetone and formaldehyde were identified as being handled until 1983. Indicate if these were raw materials or waste. If wastes, please provide the information checked as needed on the matrix.

AREAS OF CONCERN

POL Ruptured Fuel Line - South of Fenced Area

Literature search indicated a spill of 8,000 gallons of JP4 jet fuel in 1979. What monitoring of area has been done and what are the test results?

West Area Photo Lab

Reference was noted to a spill of 1,000 pounds of arsenic trioxide in 1977-1978. Was this spill completely cleaned up and how was the material disposed of?

Early Missile Testing Site

References were noted of rocket fuel spills that included nitrocellulose, nitroglycerine, potassium perchlorate and polysulfide, lead oxide, hydrochloric and sulfuric acids.

How was this area cleaned up? Please report most recent soil sample and ground water analysis results.

JP4 Jet Fuel Spill - N.E. of Base Housing

Please supply details of clean up of the reported spill of 2,000 gallons of JP4 jet fuel in 1975. Include all test results available that indicate status of ground water in locale.

ATTACHMENT 2 (Cont'd.)

AREAS OF CONCERN

BX Service Station - Underground Fuel Line Leakage

The literature search revealed that there was a leakage of gasoline, discovered in 1981, that was estimated to be 100-150,000 gallons. The latest reference indicated that this fuel was still present as a layer atop the groundwater.

Has any additional recovery or neutralization been accomplished?
What is the status of this contamination field?

49th TAC FIGHTER WING FLIGHTLINE

File documents refer to spills, prior to 1980 of 275 gallons of trichloroethylene and 200 gallons of carbon tetrachloride.

What remedial actions were undertaken and with what results?