CAFB95

16 FEB 1995

Daniel A. Barnett, Acting Chief
27 CES/CEVP
111 Engineers Way
Cannon AFB NM 88103-5216

RECEIVED
HAZARDOUS WASTE
PROGRAM

Ms. Barbara Hoditschek
RCRA Permitting Program
State of New Mexico Environment Department
PO Box 26110
Santa Fe NM 87502

Dear Ms. Hoditschek

Per telephone conversation between Mr. Charles Lundstrom and Mrs. Wood, I am forwarding an advance copy of Cannon's Part B Operating Permit. This advance copy is to assist your office in reviewing the proposed modifications for an initial class analysis.

Please fax (505-784-2208) my office an advance copy of the cost determination so that we can process the necessary paper work to appropriate funds to your designee.

If you have any additional questions concerning this subject, please feel free to contact Mrs. Vera Wood at (505) 784-6022, or you may call me at (505) 784-6035.

Daniel A. Barnett
By Vera Wood

DANIEL A. BARNETT, ACTING CHIEF
Environmental Flight

Encl (1)
Draft CAFB RCRA Part B Permit Application

27th Feb
these deadlines
Danny Barnett supervisor
Vera

784-2208

DRAFT

LIBRARY COPY

CANNON AIR FORCE BASE
RCRA PART B PERMIT APPLICATION

Prepared for

Department of the Air Force
Cannon Air Force Base, New Mexico

and

Armstrong Laboratory
Occupational and Environmental Health Directorate

JANUARY 27, 1995

FEB 1995
RECEIVED
HAZARDOUS WASTE
PROGRAM

Contract No. F33615-89-D-4003/Delivery Order 142

725528

TABLE OF CONTENTS

SECTION 1	**GENERAL BASE AND FACILITY DESCRIPTIONS**	**1**
1.1	Cannon Air Force Base	1
1.2	Hazardous Waste Storage Facility	1
1.2.1	Permitted and Prohibited Wastes	4
1.3	Solid Waste Management Units	4
SECTION 2	**WASTE CHARACTERISTICS**	**5**
2.1	Hazardous Waste Generator Data	5
2.2	Hazardous Waste Stream Inventory	5
2.3	Known Characteristics of Cannon AFB Hazardous Waste Streams	5
SECTION 3	**WASTE ANALYSIS PLAN**	**6**
3.1	Waste Characterization Procedures	6
3.2	Sample Request Procedures	7
3.3	Sampling Methods	7
3.4	Sample Collection	7
3.4.1	Sampling Liquid and Semi-Solid Wastes from Containers	8
3.4.2	Sampling Free-Flowing Powders From Containers	8
3.4.3	Sampling Rags From Containers	8
3.5	Sample Frequency	8
3.6	Test Parameters and Analytical Methods	9
3.7	Results Interpretation and Documentation	11
3.8	QA/QC and Sample Chain of Custody Control	12
3.9	Hazardous Waste Profile Sheet	12
3.10	Waste Analysis Plan Revision and Review Frequency	13
SECTION 4	**FACILITY SECURITY**	**14**
4.1	24-Hour Surveillance System	14
4.2	Physical Barriers	14
4.3	Means to Control Entry	14
4.4	Related Cannon AFB Documents	14
SECTION 5	**FACILITY INSPECTIONS**	**15**
5.1	Inspection Requirements	15
5.2	Inspection Logs	15
5.3	Corrective Action	15
SECTION 6	**PREPAREDNESS AND PREVENTION**	**18**
6.1	Design and Operation of Facility	18
6.2	Required Equipment	18

TABLE OF CONTENTS

6.3	Equipment Maintenance	18
6.4	Access to Communications	18
6.5	Aisle Space	18
6.6	Coordination Agreements	18
SECTION 7	**CONTINGENCY PLAN**	**19**
7.1	Introduction	19
7.2	Implementation of the Contingency Plan	19
7.3	Spill Response Personnel	20
7.3.1	Emergency Coordinator	20
7.3.2	On-Scene Coordinator	20
7.3.3	Spill Response Team	21
7.3.4	Base Spill Response Support Services	21
7.3.5	Off-Base Response Organizations	21
7.4	Initial Response and Notification	21
7.4.1	Initial Spill Response and Notification	22
7.4.2	Initial Fire and/or Explosion Response and Notification	22
7.4.3	General Considerations	23
7.5	Spill Containment and Response Actions	24
7.6	Emergency Equipment	24
7.6.1	HWSF	24
7.6.2	Water for Fire Control	24
7.6.3	Emergency Response Equipment Lists	24
7.6.4	Post-Emergency Equipment Maintenance	24
7.7	Communications	25
7.7.1	Internal Communications	25
7.7.2	External Communications	25
7.8	Evacuation Procedures	25
7.9	Coordination Agreements	26
7.10	Documentation and Record Keeping	26
7.10.1	Documentation	26
7.10.2	Record Keeping	26
7.11	Contingency Plan Review and Amendments	27
SECTION 8	**PREVENTATIVE PROCEDURES, STRUCTURES, AND EQUIPMENT**	**28**
8.1	Loading and Unloading Operations	28
8.2	Run-on/Run-off Control	28
8.3	Water Supplies	28
8.4	Equipment and Power Failure	29
8.5	Personal Protective Equipment	29

TABLE OF CONTENTS

SECTION 9 PRECAUTIONS TO PREVENT IGNITION OR REACTION OF IGNITABLE OR REACTIVE WASTES **30**
9.1 General Precautions 30
9.2 Compatibility of Wastes 30

SECTION 10 TRAFFIC PATTERNS **32**

SECTION 11FACILITY LOCATION INFORMATION **33**
11.1 Seismicity 33
11.2 Floodplain Information 33

SECTION 12 PERSONNEL TRAINING **35**
12.1 Outline of Training Program 35
12.2 Required Courses 35
12.3 On-the-Job Training 35
12.4 Job-Specific Training 36
12.5 Emergency Response Training 36
12.6 Annual Refresher Training 36
12.7 Test Drills 37
12.8 Implementation of Training Program 37
12.9 Written Records 37

SECTION 13 CLOSURE & POST-CLOSURE PLAN **38**
13.1 General Information 38
13.2 Amendment of Plan 38
13.3 Closure Schedule 38
13.4 Extensions of Closure Schedule 39
13.5 Maximum Facility Waste Inventory 39
13.6 Partial Facility Closure Procedures 39
13.7 Inventory Disposal and Removal 40
13.7.1 Environmental Sampling and Analytical Analysis 40
13.7.2 Facility Inspection 41
13.7.3 Equipment Decontamination 44
13.8 Closure of Containers 44
13.9 Certification of Closure 44
13.10 Post Closure Plan 45
13.11 Financial Requirements 45

SECTION 14 HWSF Location **46**
14.1 Topographic map 46
14.2 Wind Speed and Direction 46
14.5 Water Wells 46

TABLE OF CONTENTS

SECTION 15 REQUIREMENTS FOR CONTAINERS **50**

15.1 Management of Containers 50

15.1.1 Information Provided by the Generator 50

15.1.2 DRMO Inspections of Generator Hazardous Waste For Storage 50

15.1.3 Container Handling 51

15.2 Facility containment system 51

15.2.1 Design Parameters, Dimensions, and Construction Materials of Containment System 51

15.2.2 Container Storage 55

15.2.3 Containment System Capacity 55

15.2.4 Provisions for Preventing Run-On 55

15.2.5 Accumulated Liquid Removal 55

15.3 Storage of Containers Without Free Liquids 56

15.4 Management of ignitable, Reactive, and Incompatible Wastes 56

15.4.1 Ignitable and Reactive Wastes 56

15.4.2 Incompatible Waste 56

LIST OF FIGURES

Figure 1-1	Location of base with respect to Clovis	2
Figure 1-2	Location of HWSF – SWMU 66 IN RFA	3
Figure 5-1	Inspection Log	16
Figure 11-1	FEMA Map	34
Figure 14-1	HWSF Vicinity Topographical Map	47
Figure 14-2	Wind Rose	48
Figure 14-3	Water Well Location Map	49
Figure 15-1	Plan Layout of HWSF	52
Figure 15-2	Cannon AFB HWSF, Building 226	53
Figure 15-3	HWSF EPA Ignitable Storage Area	53
Figure 15-4	HWSF Loading and Unloading Area	54
Figure 15-5	HWSF Toxic and Reactive Storage Area	54

LIST OF TABLES

Table 3-1	Representative Sampling Method Protocols	7
Table 3-2	Test Parameters and Rationale	9
Table 3-3	Test Parameters and Analytical Methods for Containerized Liquid	10
Table 3-4	Test Parameters and Analytical Methods for Containerized Liquid (oils)	10
Table 3-5	Test Parameters and Analytical Methods for Containerized Solids	11
Table 3-6	Test Parameters and Analytical Methods for Containerized Flammable Solids	11
Table 13-1	Established Closure Schedule	39
Table 13-2	Sampling Method	40
Table 13-3	Test Methods	41
Table 15-1	Containment System Capacity	55

LIST OF APPENDICES

Appendix A Permitted Waste Listing

Appendix B Hazardous Waste Generator Locations

Appendix C Hazardous Waste Stream Inventory

Appendix D Examples of HWPS and Laboratory Analysis.

Appendix E How to Select Containers for Sampling/Random Numbers Table

Appendix F List of Emergency Coordinates

Appendix G Base Spill Response Support Services

Appendix H Local State and Federal Emergency Contacts

Appendix I Emergency Response Equipment Lists

Appendix J Coordination Agreements

Appendix K Pollution Incident Report

Appendix L HWSF Construction Drawings

ANNOTATED OUTLINE

40 CFR 270 Sections	Corresponding 40 CFR 264 Sections	General Part B Permit Requirement Description	Section Number
270.14(b)(1)	None	General Facility Description	1
270.14(b)(2)	264.13(a)	Chemical and Physical Analyses of Waste ☐ All information necessary for proper treatment, storage, or disposal of analyzed waste.	2
264.13(b)(3)	264.13(b)	Waste Analysis Plan ☐ Sampling Methods ☐ Test Parameters ☐ Analytical Methods ☐ Frequency of Analysis	3
270.14(b)(4)	264.14	Facility Security Description of security procedures and equipment, to include: ☐ Surveillance System ☐ Physical Barrier ☐ Means to Control Entry ☐ Warning Signs	4
270.14(b)(5)	264.15	General Inspection Requirements ☐ Written schedule for inspecting facility and equipment. ☐ Corrective Actions ☐ Inspection Log	5
270.14(b)(6)	264 Subpart C	Preparedness and Prevention ☐ Design and Operation of Facility ☐ Equipment Maintenance ☐ Communications ☐ Aisle Space ☐ Coordination Agreements ☐ Required Equipment	6
270.14(b)(7)	264 Subpart D	Contingency Plan ☐ Actions taken in response to fires, spill, or explosions. ☐ Coordination Agreements ☐ Emergency Coordinator List ☐ Emergency Response Equipment ☐ Evacuation Plan	7

ANNOTATED OUTLINE (CONTINUED)

270.14(b)(8)	None Specific	Preventative Procedures, Structures, and Equipment ☐ Prevent hazards in unloading operations. ☐ Prevent runoff from hazardous waste handling areas to other facility areas. ☐ Prevent contamination of water supplies. ☐ Mitigate effects of equipment failure and power outages. ☐ Prevent undue exposure of personnel to hazardous waste. ☐ Prevent releases to the atmosphere.	8
270.14(b)(9)	264.17	Precautions To Prevent Ignition or Reaction of Ignitable or Reactive Wastes ☐ Separation and protection of ignitables from sources of ignition. ☐ Mixing of Wastes ☐ Documentation of compliance	9
270.14(b)(10)	None Specific	Traffic Patterns ☐ Estimated Traffic Volume ☐ Traffic Control ☐ Road surfacing and load bearing capacity	10
270.14(b)(11)	264.18	Facility Location Information ☐ Seismicity ☐ Floodplain	11
270.14(b)(12)	264.16	Personnel Training ☐ Program of classroom instruction or on-the-job training. ☐ Program must be completed within six months. ☐ Annual review of initial training. ☐ Documentation of employee name, job description, and individual training.	12

ANNOTATED OUTLINE (CONTINUED)

270.14(b)(13)	264.112 264.118	Closure and Post Closure Plan ☐ Description of how each hazardous waste management unit will be closed. ☐ Description of how compliance will minimize need for further maintenance and protect human health. ☐ Estimate of the maximum inventory of hazardous wastes ever on site and detailed description of methods to be used for partial and final closure. ☐ Facility Decontamination ☐ Schedule for Closure	13
270.14(b)(15)	264.142 264.143	Financial Requirements for Closure	13
270.14(b)(16)	264.144 264.145	Financial Requirements for Post-Closure	13
270.14(b)(17)	264.147(a)-(c)	Insurance Requirements	13
270.14(b)(18)	264.149 264.150	State financial mechanism to replace insurance	13
270.14(b)(19)	None	Topographic map ☐ Area including a distance of 1000 feet around the facility at a scale of 1 inch to 200 feet. ☐ Contour Intervals ☐ Map Scale and Date ☐ Surface Waters ☐ Surrounding Land Uses	14
270.15	264 Subpart I	Requirements for Containers	15

LIST OF ACRONYMS

ADT	Average Daily Traffic
AFB	Air Force Base
ASTM	American Society for Testing and Materials
BCE	Base Civil Engineer
CE	Civil Enginering
CFR	Code of Federal Regulations
CHEMTREC	Chemical Transportation Emergency Center
CHRIS	Chemical Hazards Response Information System
CLP	Contract Laboratory Program
CSG	Command Support Group
DOD	Department of Defense
DOT	Department of Transportation
DRMO	Defense Reutilization and Marketing Office
DRMS	Defense Reutilization and Marketing Service
DSN	Defense Switched Network
EPA	Environmental Protection Agency
ETIS	Environmental Technical Information System
HAZMAT	Hazardous Materials
HSWA	Hazardous and Solid Waste Ammendments
HWMR	Hazardous Waste Management Regulation
HWPS	Hazardous Waste Profile Sheet
HWSF	Hazardous Waste Storage Facility
IRP	Installation Restoration Program
MSDS	Material Safety Data Sheet
NFPA	National Fire Protection Association
NM	New Mexico
NPDES	National Pollutant Discharge Elimination System
NMED	New Mexico Environment Department
NRC	National Response Center
NSN	National Stock Number
OEHL	Occupational and Environmental Health Laboratory
OPLAN	The Disaster Preparedness Plan
OSC	On-Scene Coordinator
OSHA	Occupational Safety and Health Administration
POL	Petroleum Oil, and Lubricants
PPE	Personal Protective Equipment
RCRA	Resource Conservation and Recovery Act
RQ	Reportable Quantity
SPCC	Spill Prevention, Control and Countermeasures
SPR	Spill Preventions Response
SRT	Spill Response Team
SWMU	Solid Waste Management Unit

LIST OF ACRONYMS (CONTINUED)

SW846	EPA Publication, "Test Methods for Evaluating Solid Wastes"
TCLP	Toxicity Characteristic Leaching Procedure
TOC	Total Organic Carbon
TOX	Total Organic Halogens
TSCA	Toxic Substance Control Act
TSDF	Treatment, Storage, Disposal Facility
US	United States
UT	Utah
WAP	Waste Analysis Plan

LIST OF REFERENCES

Author unknown. Management Action Plan, Cannon Air Force Base Clovis, New Mexico. October 1993.

Daniel Consultants. Cannon Air Force Base Traffic Engineering Study Final Report. April 1994.

Radian Corporation. Cannon Air Force Base Plan 106, Draft Spill Prevention and Response Plan. 9 July 1993.

USEPA, Test Methods for Evaluating Solid Waste, Physical/Chemical Methods (EPA publication SW 846). 2nd edition. July 1982.

SECTION 1 GENERAL BASE AND FACILITY DESCRIPTIONS

This section has been prepared in accordance with 40 CFR 270.14(b)(1).

1.1 CANNON AIR FORCE BASE

Cannon Air Force Base (AFB), a major Air Combat Command installation, lies in eastern New Mexico, near the Texas Panhandle. The base is located in Curry County, approximately 7 miles west of Clovis and 15 miles north of Portales in a semiarid and remote region (approximately 34°24' latitude and 103°19' longitude). Figure 1-1 shows the location of the base in relation to Clovis.

Cannon AFB is home to the 27th Fighter Wing, the only operational United States (US) Air Force unit flying the swing-wing F-111 strike fighter, and the EF-111A "Raven" electronic countermeasure aircraft. Cannon AFB's primary mission is to develop and maintain an F-111 and EF-111A fighter wing capable of day, night, and all-weather combat and electronic combat operations for combat commanders world-wide, at any time. All models of F-111 aircraft will be replaced at Cannon AFB sometime in the future. New models are currently under study, and it is possible that the new model selected will be fueled with hydrazine as an emergency power supply.

Cannon AFB is a large quantity hazardous waste generator and is currently operating under a Resource Conservation and Recovery Act (RCRA) Part B permit issued on October 16, 1989 (Permit Number NM 7572124454-1). This document incorporates the necessary revisions to the aforementioned permit in order for Cannon AFB to maintain compliance with current regulations.

1.2 HAZARDOUS WASTE STORAGE FACILITY

This permit is for the Hazardous Waste Storage Facility (HWSF) at Cannon AFB located at 110 W Street, Building 226, on the property of the Defense Reutilization and Marketing Office (DRMO) and operated by the DRMO. Figure 1-2 shows the present base layout and location of the HWSF. A detailed description of the construction and design of the HWSF is included in Section 15.2.

DRMO-Cannon stores containerized wastes in the HWSF. An estimated 10,720 gallons in 85-gallon drums and smaller containers is the maximum storage capacity at the HWSF. The Cannon AFB HWSF currently stores only those hazardous wastes generated within the base boundaries, and disposes of its wastes off-site through licensed disposal contractors. These waste streams are monitored by the vendors who provide treatment and/or disposal through the use of periodic verification testing to determine if waste streams have changed.

Hazardous wastes generated at Cannon AFB are stored in the HWSF for up to one year while arrangements are made for transport to an appropriate treatment, storage, and/or disposal facility. If problems arise concerning the disposal of wastes (i.e. no permitted disposal facility, backlog at a permitted disposal facility, or contractual problems), the storage limit of

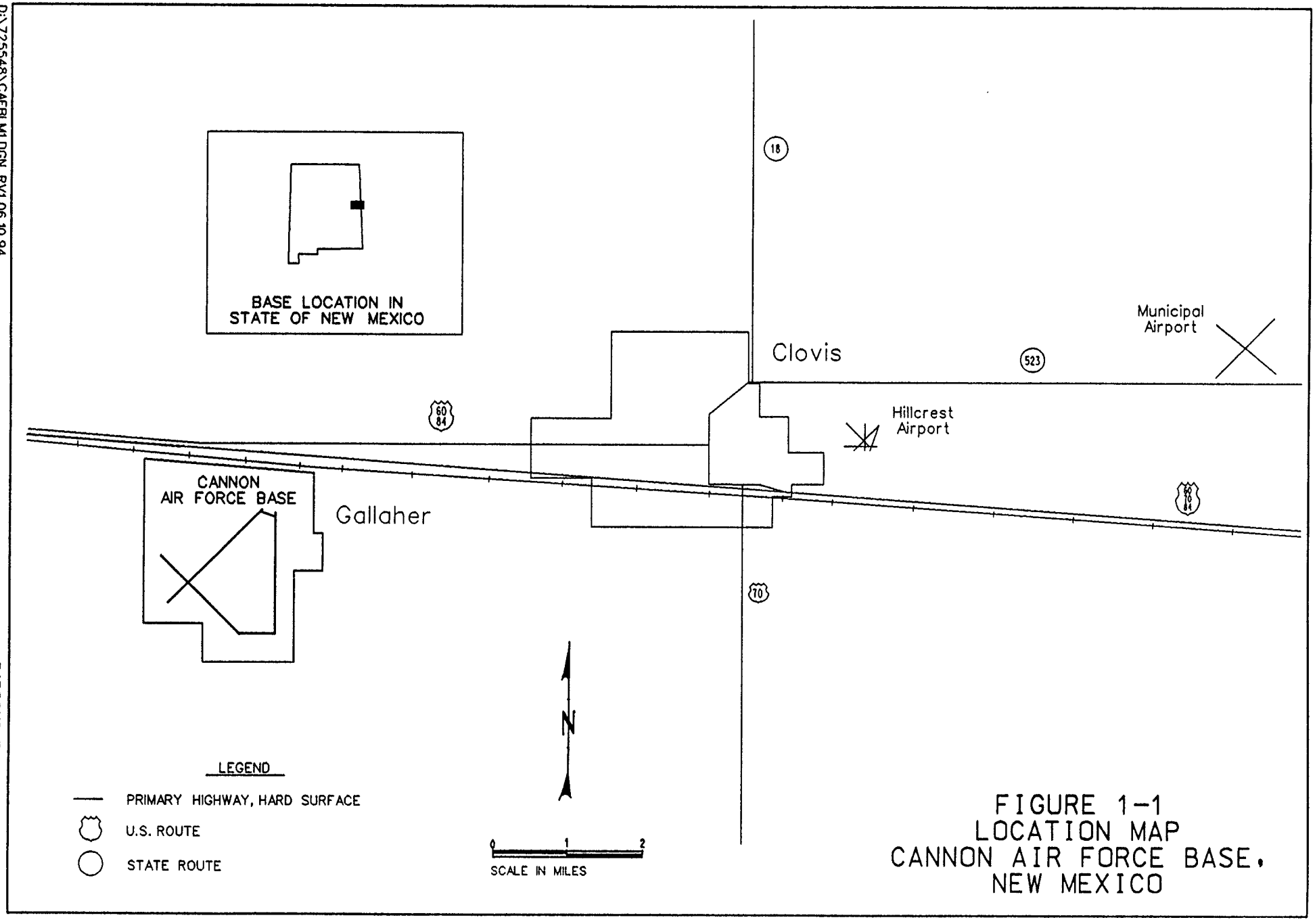
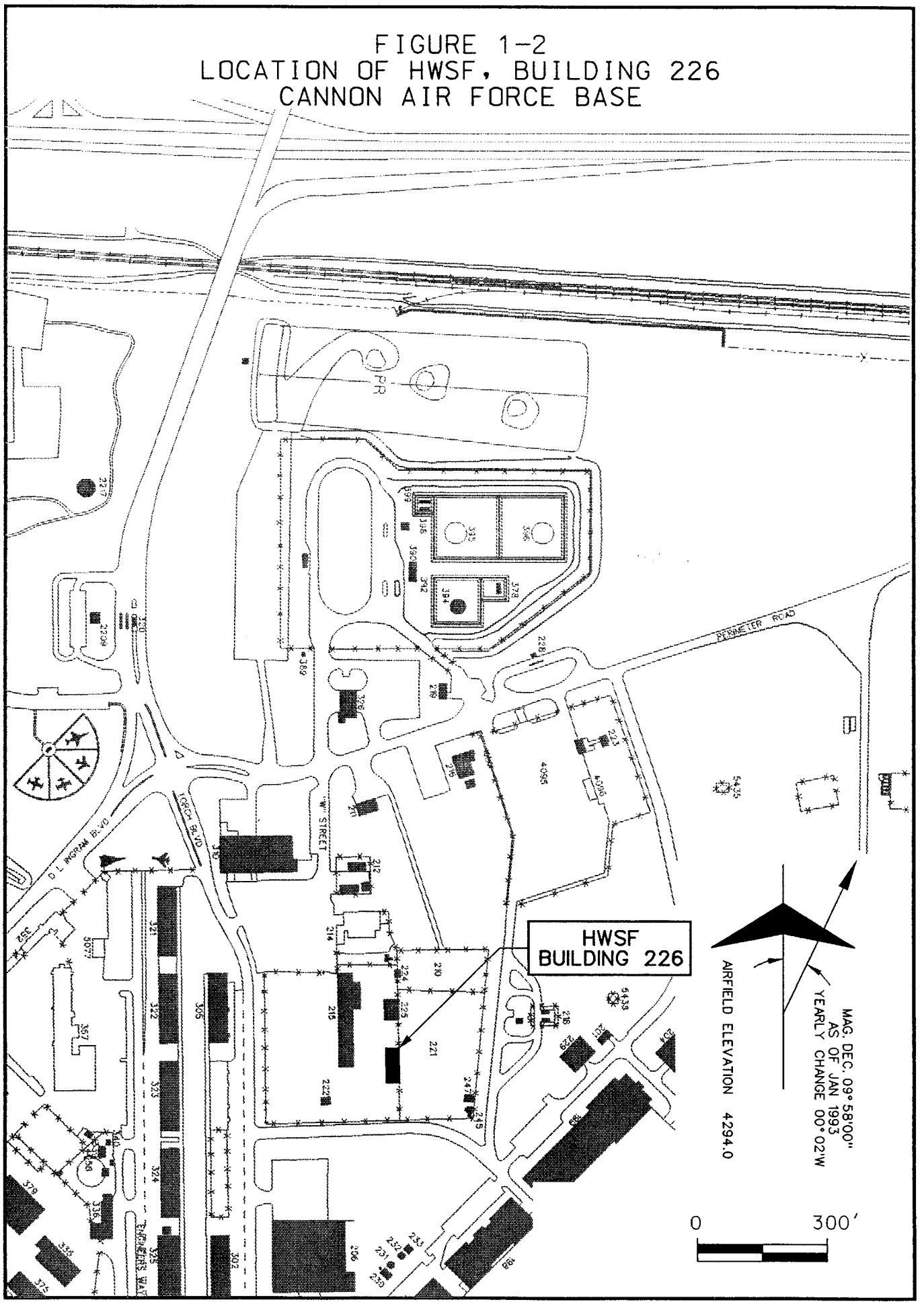


FIGURE 1-1
LOCATION MAP
CANNON AIR FORCE BASE,
NEW MEXICO

D:\725548\CAFBLM1.DGN RV1 06.10.94

PARSONS ENGINEERING SCIENCE

FIGURE 1-2
LOCATION OF HWSF, BUILDING 226
CANNON AIR FORCE BASE



one year may be reached. In that event, Cannon AFB will request a storage extension from the New Mexico Environment Department (NMED) justified on a case by case basis.

DRMO personnel receiving the waste for permitted status storage mark the contents and the date (e.g., 14 SEP 94) the waste enters the facility on the container and annotate the same on their tracking log. The DRMO receipt date begins the tracking time frame for waste in and out of the permitted facility. Details on container management procedures at the HWSF are included in Section 15 of this document.

1.2.1 Permitted and Prohibited Wastes

Due to the variability of the activities conducted, Cannon AFB has the potential for receiving a variety of material classified as hazardous waste by both the Environmental Protection Agency (EPA) and the State of New Mexico. The hazardous wastes generated at Cannon AFB include waste paint-related products, solvents, lead-acid storage batteries, and other wastes that are RCRA-listed hazardous wastes or that are characteristically hazardous as defined in 40 CFR Part 261. The base also generates a large quantity of used petroleum products that are regulated under RCRA Subtitle I, but are not RCRA hazardous wastes.

Additionally, as part of a pollution prevention program, the HWSF stores small containers of hazardous materials to be reused or sold. These materials are stored in storage bays with similar wastes until they are consumed or become hazardous wastes by virtue of an expired shelf life. Non-RCRA regulated wastes are also stored in the facility until vendors take them for recycling, treatment, or disposal. These waste containers are identified by non-RCRA waste labels.

Appendix A, entitled "Permitted Waste Listing", includes tables which identify all hazardous wastes proposed for storage at the HWSF. This listing enables the HWSF to accept a wide variety of waste streams. Cannon AFB is permitted to receive and store the wastes in containers at the DRMO-Cannon facility, subject to the terms of this RCRA Permit.

Cannon AFB is prohibited from storing or treating hazardous wastes which are not listed in Appendix A. In the event that Cannon AFB exceeds the amount of any waste code stored in any one year, Cannon AFB shall submit a written report to the NMED Director for approval.

1.3 SOLID WASTE MANAGEMENT UNITS

Cannon AFB has several projects that are actively investigating the presence or absence of RCRA-regulated hazardous materials that resulted from previous disposal practices and/or spillage. These on-going projects consist of RCRA Facility Investigations (RFI), and there is a potential for future RCRA Corrective Measures Studies at designated Solid Waste Management Units (SWMU). None of the SWMUs include the HWSF. Documentation pertaining to these ongoing RCRA activities is prepared by the base's Installation Restoration Program (IRP) and exists in documents such as The Management Action Plan for Cannon AFB and subsequent documents. Ongoing RCRA Corrective Actions Program documents are provided to EPA Region VI and NMED on a routine basis.

SECTION 2 WASTE CHARACTERISTICS

This section has been prepared in accordance with 40 CFR 270.14(b)(2) and (3), and 40 CFR 264.13. It provides information on the chemical and physical analyses necessary to properly store, treat, and/or dispose the hazardous wastes generated at Cannon AFB.

2.1 HAZARDOUS WASTE GENERATOR DATA

The HWSF stores only those hazardous wastes generated within the base boundaries. A current list of organizations that may generate hazardous waste and their locations on Cannon AFB as of this permit update is included in Appendix B. The information is subject to change based on events such as construction improvements on base or the combination of units due to Air Force reorganization. The Environmental Flight maintains this listing of all units generating hazardous waste and keeps track of these changes on the Monitors Listing. The types and quantities of wastes they generate are discussed in Section 2.2.

2.2 HAZARDOUS WASTE STREAM INVENTORY

Appendix C presents the Hazardous Waste Stream Inventory for Cannon AFB as of this permit update. These tables were compiled by Cannon AFB personnel who conducted a survey of each shop that generates hazardous waste or uses petroleum products. They outline the location of waste generation, description of wastes, estimated quantity generated, EPA hazardous waste number, containers utilized, disposal, and hazard codes. The hazard codes are based on the known characteristics of the waste, such as ignitability (I), reactivity (R), corrosivity (C), and toxic characteristics (E), established in 40 CFR 261 Subpart C. The quantities and wastes that appear in these tables will likely change in the future as Cannon AFB continues to seek methods to decrease their hazardous waste stream.

2.3 KNOWN CHARACTERISTICS OF CANNON AFB HAZARDOUS WASTE STREAMS

The Environmental Flight maintains files containing the Hazardous Waste Profile Sheet (HWPS) and laboratory results for each hazardous waste stream generated at Cannon AFB. These documents provide information on the physical and chemical composition of the waste stream which must be known to properly store, treat, and/or dispose of the wastes. The complete set of these documents for all waste streams at Cannon AFB is too extensive to include in this permit. Therefore, examples of the documents are contained in Appendix D, and information on an particular waste stream can be reviewed in the files.

SECTION 3 WASTE ANALYSIS PLAN

This is the Waste Analysis Plan (WAP) for Cannon AFB as required by 40 CFR 264.13(a), (b), and (c); 40 CFR 270.14(b)(3); New Mexico Regulations; and Air Force policy. The WAP applies to all Cannon AFB waste streams that are transferred to the DRMO-operated Part B-permitted HWSF (Building 226, 110 W Street). The WAP describes procedures for obtaining physical and chemical analyses from all hazardous waste producing activities at Cannon AFB. The purpose of the WAP is to ensure sufficient information is available for the safe handling and storage of hazardous waste at Cannon AFB.

3.1 WASTE CHARACTERIZATION PROCEDURES

Proper characterization of waste streams may require data from several sources. Characterization may be conducted either by using the generator's knowledge of the waste, analytical testing, computer systems, or Material Safety Data Sheets (MSDS). In any case, the characterization must be based on the EPA solid waste and hazardous waste definitions included in 40 CFR Part 261.

Sampling and chemical analysis may not be necessary when a waste is a shelf-life expired U or P listed waste per 40 CFR 261.33 in its original, marked container, or a spill residue of such a waste. (U and P listed wastes are unused, commercial chemical products that are pure, technical grade, or have only one active ingredient.) These materials must have either a complete national stock number (NSN), which can be used to query the computer databases for chemical and physical characteristics, or, for non-stock numbered items, the MSDS may be used to establish the chemical and physical characteristics of the waste in lieu of laboratory analyses. Testing is also not normally required when there is up-to-date written documentation regarding the constituents of the waste stream; or the waste is the same as previous accumulation of the waste stream for which a laboratory analysis was obtained. Generator's knowledge may only be used to determine hazardous properties of the waste stream. Documentation verifying the information must be maintained in the files for three years.

To determine whether testing is required, the producing activity shall request a hazardous waste determination in writing through the installation Environmental Manager to Bioenvironmental Engineering. Bioenvironmental Engineering will determine if the producer's knowledge of the waste is sufficient to characterize the waste. If testing is needed, the producer should arrange for sampling and analysis. Bioenvironmental Engineering will assist the producer with sample collection and analysis, or they will request in writing that the Environmental Flight obtain a contract to assist the producing activity with obtaining sampling and analysis services. Bioenvironmental Engineering will be responsible for notifying the base producers when the Environmental Flight is requested to take the lead in sampling and analysis support.

3.2 SAMPLE REQUEST PROCEDURES

When a unit requires a sample to be taken from their waste stream, a "Request for Sample and Analysis" form shall be filled out. This form is routed through the Environmental Flight to Bioenvironmental Engineering. This form must be filled out completely and accurately to correctly classify the waste stream. The most current version of the form will be used and can be obtained from the Environmental Flight.

3.3 SAMPLING METHODS

The methods and equipment used for sampling vary with the form and consistency of the waste to be sampled. Many waste streams are heterogeneous; therefore, care must be taken to obtain a representative sample. A representative sample is defined as a sample exhibiting average properties of the whole waste. In sampling wastes, consideration should be given to the uniformity of the waste in a container and to daily variations in production which may cause the waste to vary. The appropriate representative sampling techniques, devices, and containers will be selected from either the EPA document, "Test Methods for Evaluating Solid Wastes" (EPA Publication SW-846) or the "American Society for Testing and Materials" (ASTM) methods. Table 3-1 is a summary of waste sampling methods for different types of wastes that may be used.

Table 3-1 Representative Sampling Method Protocols

Sample Type	Method Number
Extremely viscous liquids	ASTM Standard D140-70
Crushed or powdered material	ASTM Standard D346-75
Soil or rock-like material	ASTM Standard D420-69
Soil-like material	ASTM D1452-65
Fly ash-like material	ASTM Standard D2234-76
Containerized liquid wastes	US EPA SW-846 Drum Sampling Procedure
Liquid wastes in pits, ponds, lagoons and similar reservoirs	US EPA SW-846 Pond Sampler

3.4 SAMPLE COLLECTION

If the waste is contained in more than one container, then 20% of the containers should be sampled. To calculate the number of containers to sample, the number of containers should be multiplied by 0.2; anything less than 0.5 should be rounded down and anything greater than or equal to 0.5 should be rounded up to the next whole number. The resulting whole number is the number of containers to sample. Each container should be assigned a two-digit number consecutively beginning with 01. The containers to be sampled will be chosen randomly with the aid of a random numbers table. An example of this procedure and a random numbers table is included in Appendix E.

Homogeneous samples of the same waste stream may be composited by the laboratory prior to analysis. Worst case samples will always be collected. Procedures for collecting samples of liquid and semi-solid wastes, free-flowing powders, and rags are described briefly below.

3.4.1 Sampling Liquid and Semi-Solid Wastes from Containers

Samples will be taken by inserting a drum sampling device through the bung on each drum, allowing the device to fill with the waste, inserting the plug into the end of the device, and draining the contents of the device into the precleaned glass sample bottle.

It is important to keep air out of samples which will be analyzed for both Toxicity Characteristic Leaching Procedure (TCLP) and non-TCLP volatile organic components. A minimum of two 40-milliliter samples should be collected in teflon-lined septum capped vials and stored and shipped at 4°C prior to analysis. Reference the sampling methods listed in Table 3-1 for more details.

3.4.2 Sampling Free-Flowing Powders From Containers

When obtaining samples of free-flowing powders from containers, a small shovel will be used to obtain the sample. A minimum of 250 grams will be removed from the drum and emptied into a precleaned glass sample bottle.

3.4.3 Sampling Rags From Containers

When obtaining samples of rags from containers, several samples should be taken from locations dispersed both horizontally and vertically through the open top 55-gallon drums. Three aliquots should be collected, one from the top third, one from the middle third, and one from the bottom third of the drum. A minimum of 250 grams should be removed from the randomly selected locations and placed in a precleaned, glass sample bottle with a teflon-lined lid (glass mason jars are also acceptable for collecting rag samples). Two bottles should be filled. For cloth rags, this is approximately 10 rags per bottle; for paper towels pack as many as will fit into the bottle.

3.5 SAMPLE FREQUENCY

High-volume waste streams are defined as those waste streams from activities that produce four or more 55-gallon drums of waste per year. Each high-volume waste stream will be sampled and analytically characterized annually following initial characterization in order to update the HWPS. This will ensure that the initial hazardous waste determinations are accurate and up-to-date.

Low-volume waste streams are from activities that produce less than four 55-gallon drums per year. Low-volume waste streams generated by Cannon AFB will be sampled and analyzed once every three years after the initial analysis and characterization, unless there is a process change that would dictate a more frequent evaluation. The HWPS will be reviewed annually by the producer and the Environmental Flight.

The initial accumulation point managers will request additional analyses from Bioenvironmental Engineering or the Environmental Flight in accordance with this plan whenever a change in raw materials or processes alters the characteristics of the waste. Prior to turning in a waste to DRMO for disposal, the initial accumulation point manager must review the current HWPS to ensure that it still accurately reflects the characteristics, composition, and regulatory classification of the waste. If there has been a change in the waste stream, additional analyses and an updated HWPS may be required.

If new waste streams are produced, the producing unit's Hazardous Waste Monitor will contact Bioenvironmental Engineering for a determination of the sampling parameters and required analysis. This analysis and a HWPS must be completed by the Hazardous Waste Monitor prior to waste turn-in to the DRMO or any other non-DRMO disposal agent.

Cannon AFB personnel will notify NMED whenever new hazardous waste streams are identified or existing waste streams modified.

3.6 TEST PARAMETERS AND ANALYTICAL METHODS

All new and non-recurring waste streams, except laboratory chemicals and unused commercial chemical products, will be tested based on recommendations of the Environmental Flight. As a minimum, new waste streams will be evaluated using TCLP to determine toxicity characteristics. In addition, the major components of each hazardous waste stream must be defined on the hazardous waste profile sheet. If process knowledge is not sufficient, wastes will be tested to determine the major components. A major component includes any hazardous constituent listed in Appendix VIII of 40 CFR 261 present over 10,000 ppm (1%). If process knowledge is not sufficient to identify major components, then testing for those components in accordance with the procedures outlined in SW-846 will be necessary.

Table 3-2 below describes rationale for selection of specific test parameters. Test parameters will be analyzed using ASTM and EPA test methods.

Table 3-2 Test Parameters and Rationale

Test Parameter	Rationale for Selection
Corrosivity	Identify corrosive wastes that may compromise container structural integrity
Ignitability	Identify ignitable wastes, and therefore appropriate storage conditions
Reactive Cyanide, Sulfide	Identify potential reactivity and relevant health and safety precautions
Appropriate Hazardous Constituent(s)	Identify constituent(s) for compliance with the permit limits and for safe handling of the waste.

The hazardous waste analysis for all waste streams will be conducted by an analytical laboratory with appropriate EPA Contract Laboratory Program (CLP) and State of New

Mexico credentials and certifications. The analytical methods chosen for any particular waste sample is based on the physical state of the waste. Tables 3-3 through 3-6 below list the parameters and analytical methods requested for samples of containerized liquids, containerized liquids (oils), containerized solids, and containerized flammable solids.

Table 3-3 Test Parameters and Analytical Methods for Containerized Liquid

Test Parameter	Analytical Method
TCLP Zero Headspace Extraction	EPA Method SW-846 1311
TCLP Non-Volatiles Extraction	EPA Method SW-846 1311
Ignitability	EPA Method SW-846 1010
Corrosivity	EPA Method SW-846 9040/SW-846 Chapter 7:7.2.2
Reactive, Cyanide	EPA Method SW-846 9010A/SW-846 Chapter 7:7.3.3
Reactive, Sulfide	EPA Method SW-846 9030
TCLP Metals	EPA Method SW-846 6010/7470 (Hg)
TCLP Volatiles	EPA Method SW-846 8260
TCLP Semi-Volatiles	EPA Method SW-846 8270
pH on Water	EPA Method 150.1
Organic Halogen	ASTM E442-74/EPA Method SW-846 9021
Metals Digestion	EPA Method SW-846 3010
TPH Extraction for Liquids	EPA Method 3520 (modified)

Table 3-4 Test Parameters and Analytical Methods for Containerized Liquid (Oils)

Test Parameter	Analytical Method
TCLP Zero Headspace Extraction	EPA Method SW-846 1311
TCLP Non-Volatiles Extraction	EPA Method SW-846 1311
Ignitability	EPA Method SW-846 1010
Corrosivity	EPA Method SW-846 9040/SW-846 Chapter 7:7.2.2
Reactive, Cyanide	EPA Method SW-846 9010A/SW-846 Chapter 7:7.3.3
Reactive, Sulfide	EPA Method SW-846 9030
TCLP Metals	EPA Method SW-846 6010/7470 (Hg)
TCLP Volatiles	EPA Method SW-846 8260
TCLP Semi-Volatiles	EPA Method SW-846 8270
pH on Water	EPA Method 150.1
Organic Halogen	ASTM E442-74/EPA Method SW-846 9021
Metals Digestion	EPA Method SW-846 3050 (total metals)/3010
TPH Extraction for Liquids	EPA Method 3520 (modified)
Ash Content	ASTM D42
BTU per Pound	ASTM D2015-707
PCBs	EPA Method SW-846 8080

Table 3-5 Test Parameters and Analytical Methods for Containerized Solids

Test Parameter	Analytical Method
TCLP Zero Headspace Extraction	EPA Method SW-846 1311
TCLP Non-Volatiles Extraction	EPA Method SW-846 1311
TCLP Metals	EPA Method SW-846 6010/7470 (Hg)
TCLP Volatiles	EPA Method SW-846 8260
TCLP Semi-Volatiles	EPA Method SW-846 8270
Metals Digestion	EPA Method SW-846 3050 (total metals)/3010
TPH Sonication	EPA Method SW-846 3550
TPH 418.1	EPA Method 418.1

Table 3-6 Test Parameters and Analytical Methods for Containerized Flammable Solids

Test Parameter	Analytical Method
TCLP Zero Headspace Extraction	EPA Method SW-846 1311
TCLP Non-Volatiles Extraction	EPA Method SW-846 1311
Ignitability, PMCC and DOT Test	OSHA 16 CFR 1500.44/SW-846 1010/DOT 49 CFR
TCLP Metals	EPA Method SW-846 6010/7470 (Hg)
TCLP Volatiles	EPA Method SW-846 8260
TCLP Semi-Volatiles	EPA Method SW-846 8270
Metals Digestion	EPA Method SW-846 3050 (total metals)/3010
TPH Sonication	EPA Method SW-846 3550
TPH 418.1	EPA Method 418.1
Paint Filter Test	EPA Method SW-846 9095

3.7 RESULTS INTERPRETATION AND DOCUMENTATION

After the analytical results have been received from the laboratory, Bioenvironmental Engineering will interpret the data to determine if the tested waste streams are hazardous according to EPA or state definitions. The interpretation will be based on EPA regulations or the identification and listing of hazardous waste in 40 CFR Part 261. The Bioenvironmental Engineer or the Environmental Flight will mark the analytical results as "HAZARDOUS WASTE" or "NOT HAZARDOUS WASTE" after making such a determination.

Bioenvironmental Engineering will provide copies of the analytical results to the waste producer and the Environmental Flight, and keep the original on file. The file copy should be

maintained for at least three years from the date that the waste was last shipped off-installation.

3.8 QA/QC AND SAMPLE CHAIN OF CUSTODY CONTROL

The lab employed to obtain analytical data must certify its use of the test methods and must be able to provide, on request, documentation of quality control and quality assurance procedures. Acceptable documentation may include compliance with the quality control section of each SW-846 procedure, certification under the State or Federal public drinking water act for equivalent parameters, and/or the performance and reporting of replicates and percent recovery data.

3.9 HAZARDOUS WASTE PROFILE SHEET (HWPS)

The HWPS is the standard form used to characterize hazardous waste for disposal. A copy of this form is available from the Environmental Flight. Examples of HWPSs maintained in the files at the time of this permit update are included in Appendix D.

The analytical results, as well as the producing activity's process knowledge, will be used to complete a comprehensive waste stream description on the HWPS. The producing activity will obtain assistance in completing the HWPS from the Environmental Flight, Bioenvironmental Engineering, and the Transportation Office as follows:

- The Base Environmental Flight will complete the HWPS information required by the EPA on land disposal restrictions. This information can be located in Part 1 of the HWPS, or as a continuation sheet to Part 1. (In the latter case, the attachment must be clearly marked as such on the HWPS).

  The Environmental Flight is also responsible for reviewing the HWPS for accuracy based on the best available information. Only when the waste has been properly characterized on the HWPS should the Disposal Turn In Document be certified by the Environmental Flight. The Environmental Flight must maintain a copy of each HWPS in the hazardous waste file for the installation for at least three years from the final date of disposal of the waste stream.

- Bioenvironmental Engineering will advise on completion of the health and hazardous waste identification portions of the HWPS in Part II, Sections 1-4, and the special handling information in Section 5 of the form. Bioenvironmental Engineering also reviews the HWPS for technical accuracy when requested by the Environmental Flight. Bioenvironmental Engineering should also maintain a copy of each HWPS in the generating activity's shop folder or coordinate with the Environmental Flight for further data pertaining to the HWPS.

- The Transportation Office will advise on completion of the proper shipping information, containers, and transportation requirements of Part II, Section 5 of the HWPS.

Upon completion of the form, the Environmental Flight assigns an initial reference number to each HWPS. Subsequent turn-ins of the same waste do not require that the HWPS accompany the waste. Instead, the generating activity simply places the reference number in the "Remarks" section (block AA) of the Disposal Turn-In Document. A copy of all analytical results from waste evaluation activities should be attached to the HWPS (see Appendix D). HWPSs are reviewed and updated annually at a minimum, and/or whenever the waste stream changes.

3.10 WASTE ANALYSIS PLAN REVISION AND REVIEW FREQUENCY

The Cannon AFB WAP is evaluated and reviewed annually by Bioenvironmental Engineering to ensure that the most up-to-date procedures are conducted. The plan will also be reviewed and revised if necessary whenever:

- The sample frequency changes due to changes in the annual volume of the installation's hazardous waste streams,
- Analytical parameters change due to changes in the processes generating hazardous waste,
- EPA waste codes and/or Department of Transportation (DOT) identification numbers change due to regulatory revisions, and
- Disposal methods change due to revisions to land disposal restrictions.

SECTION 4 FACILITY SECURITY

This section has been prepared in accordance with 40 CFR 270.14(b)(4) and 264.14.

4.1 24-HOUR SURVEILLANCE SYSTEM

Cannon AFB is responsible for on-site security to control entry at all times through the gates or other entrances to the active portion of the entire installation. All entrances are manned 24-hours per day or are locked. Proper identification is required of all persons for entry onto the base.

The 27th Tactical Fighter Wing Security Police monitors the DRMO facility during hours of non-operation (1630-0730 hours). The procedures and personnel involved are determined by the Security Police. A copy of the Interservice Support Agreement and arrangements between the Security Police and the DRMO is kept in the facility files.

4.2 PHYSICAL BARRIERS

A 6-foot high metal chain link fence, topped with three strands of barbed wire encircles the property of the DRMO to prevent unauthorized entry. The facility fence is equipped with three lockable gates. Warning signs with the legend "DANGER UNAUTHORIZED PERSONNEL KEEP OUT" are posted at each gate to the DRMO facility and at each entrance to the HWSF. The signs are visible from 25-feet and are printed in both English and Spanish. Additional warning signs are posted along the fence of the DRMO facility. Perimeter lighting is provided in the DRMO facility and around the HWSF at night.

4.3 MEANS TO CONTROL ENTRY

DRMO personnel control entry to the area during hours of operation (0730 - 1630 hours). Visitors and contractors are required to sign into a log book. Doors to the HWSF are locked during non-duty hours and when not being used to gain entrance into the building.

Two gates are located on the north side of the DRMO facility. Only the western-most of these gates is designed for delivery and removal of hazardous waste from the HWSF. This gate remains locked except during hours of operation when a chain barrier is used to prevent unauthorized vehicles from entering. The eastern-most gate is unlocked only in the event of a DRMO sale. The third gate is located at the southwest corner of the DRMO facility. This gate is locked at all times. The gate locations are depicted on the topographical map (Figure 14-1) contained in Section 14.

4.4 RELATED CANNON AFB DOCUMENTS

The DRMS has well established procedures for physical security contained in documents such as DRMS-H 4160.14 and updates thereto. This document sets forth uniform security standards including barriers, lock and key control, and entry control to be implemented in DRMOs.

SECTION 5 FACILITY INSPECTIONS

This section has been prepared in accordance with 40 CFR 270.14(b)(5) and 264.15.

5.1 INSPECTION REQUIREMENTS

As the operator of the HWSF, DRMO-Cannon personnel will maintain the facility and conduct inspections in accordance with 40 CFR 264.15 for equipment malfunctions, structural deterioration, operator errors, and discharges that could cause or lead to the release of hazardous waste constituents and adversely affect the environment or threaten human health. Inspections will be conducted by an individual trained in hazardous waste management procedures as described in Section 12 of this document.

5.2 INSPECTION LOGS

An Inspection Log will be maintained for inspections of the facility, equipment, and container storage area. The most current version of the Inspection Log, such as the one that appears in Figure 5-1, will be used. The Inspection Log identifies potential problems and the frequency of inspection associated with the item being inspected.

All items listed on the log sheets will be inspected. Any item(s) not listed specifically on the Inspection Log may be added in one of the "other" or blank spaces provided. Inspection results will be recorded directly on the Inspection Log. The Inspection Log must include the date and time of the inspections, the name of the inspector, a notation of observations made, and the date and nature of any repairs or other remedial actions.

All inspection records must be maintained at the facility for a period of at least three years from the date of the inspection.

5.3 CORRECTIVE ACTION

A space is provided on the Inspection Log for the date and nature of any corrective action. Any deterioration or malfunction of equipment revealed during these inspections will be remedied on a schedule which ensures that the problem does not lead to an environmental or human health hazard.

INSPECTION LOG

(Prescribing Authority: DRMS-M 6050.1)

LEGEND
NA - Not applicable

DATE/TIME	AREA/BLDG *(Specify when HM/HW is stored off-site of DRMO)*	SIGNATURE OF INSPECTOR

ITEM	TYPE OF PROBLEM	SAT	UN-SAT	NA	LOCATION AND PROBLEMS OBSERVED	DATE & NATURE OF CORRECT ACTION	FREQUENCY
SAFETY AND EMERGENCY EQUIPMENT							
Face shield & chemical goggles	Broken, dirty or missing						Weekly
Protective clothing	Holes, worn, missing						Weekly
Absorbents (e.g., sorb-all Vermiculite)	Saturated contaminated, below minimum quantity						Weekly
Empty drums/containers	Corrosion structural damage securely stored						Weekly
Emergency eyewash/shower	Water pressures, leaking, flushed						Weekly
Ventilation systems	Not operating, blocked						Weekly
Shovel nonsparking	Missing, damaged						Weekly
Fire extinguishers	Not charged, not mounted, missing						Monthly
Fire alarm system	Not operating						Monthly
Telephone system	Not operating						Monthly
First Aid equipment & supplies	Items out of stock, outdated, expired supplies						Monthly
Non-sparking bung wrench	Missing, damaged						Weekly
Push broom	Missing, damaged						Weekly
SECURITY							
Warning signs	Illegible, missing						Weekly
Security lights	Not operating						Weekly
Building doors, locks, fence and gates	Locks missing, unlocked, signs of tampering						Weekly*

*Daily when in use

(Previous edition is obsolete)

ITEM	TYPE OF PROBLEM	SAT	UN SAT	NA	LOCATION AND PROBLEMS OBSERVED	DATE & NATURE OF CORRECT ACTION	FREQUENCY
MATERIAL HANDLING EQUIPMENT							
Brakes	Worn pads, rotors, bands						PTEU**
Hydraulics	Leaking						PTEU**
Lights-running emergency	Not operational						PTEU**
Horns/sirens	Not operational						PTEU**
Battery	Not operational						PTEU**
Lubrication (oil, grease)	Low level, lack of						PTEU**
Tires, Hard Rubber	Worn						PTEU**
Safety equipment	Not operational, missing						PTEU**
Instruments	Not operational, missing						PTEU**
General condition	Deficiencies						PTEU**
Lift, shift, tilt, control mechanisms	Not functional, loose, worn						PTEU**
Accessories	Missing, inoperative						PTEU**
Fire extinguisher	Missing, serviceable						PTEU**
Rated for area of use	DY, EE, EX for flammable storage areas						PTEU**
Overhead protection (Forklifts)	Missing, damaged						PTEU**

**PTEU Prior to each use but not more often than once per day

SECTION 6 PREPAREDNESS AND PREVENTION

This section has been prepared in accordance with 40 CFR 270.14(b)(6).

6.1 DESIGN AND OPERATION OF FACILITY

The possibility of fire, explosion, or unplanned release at the HWSF is minimized by the facility's design and operation. Safety features incorporated into the design of the facility are discussed in Section 7.6. Details of the design and the storage and containment system are contained in Section 15. Construction drawings of the HWSF are included in Appendix L.

6.2 REQUIRED EQUIPMENT

The HWSF has all equipment necessary to perform initial response and notification for an emergency situation on its premises. Locations of water for fire control, fire extinguishers, and spill response equipment are discussed in Section 7.6. Cannon AFB's communication systems to provide immediate instruction to facility personnel and to summon emergency assistance are described in Section 7.7.

6.3 EQUIPMENT MAINTENANCE

Facility inspections include the inspection of safety and emergency equipment. Details of facility inspections are contained in Section 5.

6.4 ACCESS TO COMMUNICATIONS

Whenever hazardous waste is being handled, all personnel involved must have immediate access to an internal alarm or emergency communication device, either directly or through contact with another employee. If there is ever just one employee on the premises while the facility is operating, he must have immediate access to a device, such as a telephone or a two-way radio, capable of summoning external emergency assistance.

6.5 AISLE SPACE

Adequate aisle space will be maintained within and between storage bays of the HWSF to allow access for unobstructed movement of personnel, a fork-lift or spill response equipment. An aisle space of 10 feet is provided in the EPA ignitable storage area and 4 feet is provided in the toxic and reactive storage area. An aisle space of 10 feet between bays allows ample room for forklift operations. An 18-inch aisle space between pallets is maintained in order to inspect all containers for deterioration caused by corrosion or other factors.

6.6 COORDINATION AGREEMENTS

Local hospitals, fire departments and police departments have entered into coordination agreements with Cannon AFB (see Section 7.9). If called upon, these agencies will provide support to the AFB in an emergency situation. Copies of the coordination agreements are shown in Appendix J. Phone numbers for these organizations are included in Appendix H.

SECTION 7 CONTINGENCY PLAN

This section has been prepared in accordance with 40 CFR 270.14(b)(7) and 264 Subpart D.

7.1 INTRODUCTION

This Contingency Plan is for the DRMO located on Cannon AFB. The DRMO is a tenant agency on a US Air Force Installation and is operated by the Defense Reutilization and Marketing Service (DRMS). DRMO-Cannon stores containerized wastes in the HWSF. An estimated 10,720 gallons in 85-gallon drums and smaller containers is the maximum storage capacity at the HWSF. A general site plan and a full description of the facility are contained in Section 15.2. An inventory of the waste streams generated as of this permit update is provided in Appendix C.

This Contingency Plan has been prepared in accordance with the EPA rules and regulations specified in 40 CFR 264, Subpart D. The purpose of this plan is to minimize hazards to human health or the environment from fires, explosions, or any unplanned sudden or non-sudden release of hazardous waste or hazardous constituents to air, soil, or surface water at the HWSF. This plan describes the initial response and notification actions facility personnel must take in response to an emergency situation. In the unlikely event of such an occurrence, the provisions of this plan will be carried out immediately. A copy of this plan will be maintained at the facility.

The Cannon AFB Spill Prevention and Response (SPR) Plan provides more detailed guidance and assigns responsibility for the prevention and proper response to spills of oil, sewage, or hazardous substances. Execution of the plan is described in Chapter 4 of that document.

7.2 IMPLEMENTATION OF THE CONTINGENCY PLAN

The decision to implement the contingency plan depends upon whether or not an imminent or actual incident could threaten human health or the environment. This section provides guidance to the Emergency Coordinator in making sound decisions by providing decision-making criteria.

Implement the contingency plan in the following situations:

1. Fire and/or Explosion

- A fire causes the release of toxic vapors.
- The fire spreads and could possibly ignite materials at other locations on-site or could cause heat-induced explosions.
- The fire could possibly spread to off-site areas.
- Use of water or water and chemical fire suppressant could result in contaminated runoff.
- An imminent danger exists if an explosion could occur, causing a safety hazard because of flying fragments or shock waves.

- An imminent danger exists if an explosion could ignite other hazardous waste at the facility.
- An imminent danger exists if an explosion could result in the release of toxic material.
- An explosion has occurred.

2. Spills or Material Release

- The spill could result in the release of flammable liquids or vapors, causing a fire or gas explosion hazard.
- The spill could cause the release of toxic liquid or vapors.
- The spill can be contained on-site, but the potential exists for groundwater contamination.
- The spill cannot be contained on-site, resulting in off-site soil contamination and/or ground or surface water pollution.

3. Floods

- The potential exists for surface water contamination.

7.3 SPILL RESPONSE PERSONNEL

7.3.1 Emergency Coordinator

In accordance with the regulations, at least one employee is either on the base premises or on call and available to respond to an emergency by reaching the base within a short period of time. The Emergency Coordinator is thoroughly familiar with all aspects of this contingency plan, all operations and activities at the HWSF, the location and characteristics of waste handled, and the facility layout. In addition, the Emergency Coordinator has the authority to commit the resources needed to carry out this contingency plan.

A complete list of emergency coordinators is included in Appendix F. Due to the high turn-over rate for military personnel, names of personnel and their after-duty phone numbers are not published in this document. Instead, the emergency coordinators are referenced by job titles, and duty phone numbers are provided. Should an emergency occur outside normal business hours, the Command Post maintains current rosters of these individuals and will be able to contact the appropriate personnel.

7.3.2 On-Scene Coordinator (OSC)

The OSC is an individual assigned the responsibility for directing and coordinating all spill response actions. The OSC has the authority to use the expertise and resources of the spill response team (SRT) to implement response actions. The SRT responds only if called by the OSC or his/her designate.

The OSC may also contact any of the base spill response support services listed in Appendix F for assistance, or any of the outside organizations and agencies listed in Appendix H if base resources are insufficient.

The Commander 27th Combat Support Group (27 CSG) acts as Primary OSC, and the Base Civil Engineer (BCE) acts as first Alternate OSC in the event the Commander is unavailable or delegates his/her responsibility to the BCE. The Base Fire Chief acts as the OSC until the Commander or BCE arrives at the spill scene. He/she will serve as second Alternate OSC in the event the Commander or the BCE is unavailable.

7.3.3 Spill Response Team (SRT)

Every organization using hazardous materials at Cannon AFB has a team of people trained in spill response procedures. The members of these organizational SRTs are prepared to implement initial response actions and notification according to the procedures outlined in Section 7.4. However, it is the Fire Department's responsibility to perform all actions necessary to terminate emergency status. The Fire Department must be notified in the event of any spill, fire, or explosion, regardless of its size or severity.

The Fire Department HAZMAT Team is considered the primary responder for all spills. The HAZMAT Team is comprised of the firemen employed by Cannon AFB. Cannon AFB employees approximately 70 full-time firemen who operate on 24-hour shifts. They constitute the only fully-trained hazardous materials SRT on Cannon AFB. The HAZMAT Team will be activated upon request of the OSC.

The role of the Fire Department HAZMAT Team in the handling of a hazardous materials emergency is to provide on-scene command and control, on-site rescue, fire extinguishment, and stabilization of hazardous materials. Once neutralized, fire department involvement will revert to a support role. Recovery, clean-up and disposition of the hazardous material will be accomplished by other base agencies.

7.3.4 Base Spill Response Support Services

Various base spill response support services are available to assist in providing containment, control, recovery, and environmental restoration for all emergencies. A list of these support services is shown in Appendix G and their duties, if called on to provide assistance in the event of an emergency, are described in Chapter 2 of the Cannon AFB SPR Plan.

7.3.5 Off-Base Response Organizations

Provisions have been made for including off-base organizations in the response organization when on-base spill response resources and expertise are insufficient, and when off-base water, land, or air are adversely affected. Telephone numbers of some of the significant off-base spill response resources that can be called upon are listed in Appendix H. Descriptions of their duties, if called on to provide assistance, are described in Chapter 2 of the Cannon AFB SPR Plan.

7.4 INITIAL RESPONSE AND NOTIFICATION

The initial response to any emergency is to protect human health and safety, then the environment, and finally property. Initial response procedures are described in this section. Procedures describing the secondary response, including identification, containment,

treatment, and disposal assessment, are described in Section 4 of the SPR Plan. Spill notification procedures are included in Annex VIII of the SPR Plan.

DRMO employees can only respond to emergencies where Level D personal protection equipment is appropriate. Level D equipment may include coveralls, hard-hat, steel toe boots, gloves, and safety glasses. The Cannon AFB Fire Department responds to any other type of spill or emergency.

7.4.1 Initial Spill Response and Notification

Until otherwise confirmed, the spill environment shall be presumed to be hazardous. Upon discovery of a spill, person(s) discovering the spill should immediately assess the incident and initiate defensive actions without undue risk of personal injury. The following actions should be implemented as necessary upon discovery of a spill. The order of the actions will depend on existing conditions.

1. Evacuate the area. Make spill scene Off Limits to unauthorized personnel.

2. Notify the Fire Department at extension 911. Provide all information listed below.

    - Your name and phone number
    - Location of spill and building number
    - Number of injured personnel/nature of injuries
    - Immediate threat to personnel/property
    - Substance spilled
    - Amount spilled (estimated)
    - Extent spill has traveled
    - Rate material currently spilling (estimated)
    - Time spill occurred (estimated)
    - Any other pertinent information

3. Restrict all sources of ignition when flammable substances are involved.

4. Secure the source of the spill, to include the use of on-site spill containment equipment and materials, only if it can be performed safely and poses no threat to human health.

5. Report to the OSC to provide any other information required.

If deemed necessary by the OSC, a SRT will be activated. The Disaster Preparedness Group as well as other organizations may also be activated if necessary. If a base fire, spill or pollution incident may affect off-base residents, the Fire Department will contact the appropriate communities in accordance with organizational mutual aid agreements.

7.4.2 Initial Fire and/or Explosion Response and Notification

Fire fighting and other emergency vehicles and equipment have easy access to the HWSF via the gate at the southwest corner of the facility's perimeter fence. The Cannon Fire Department responds to any emergency 24 hours a day. Until Fire Department personnel arrive, the fire

containment effort will be carried out by DRMO personnel where Level D protection is appropriate and without undue risk of personal injury.

In the event of a fire and/or explosion involving hazardous materials, take the following actions:

1. Notify the Base Fire Department. The Fire Department contacts the OSC and Civil Engineering Service Desk.

2. Immediately cease work in all areas.

3. Evacuate all personnel not actively fighting the fire according to instruction from the OSC.

4. Close all doors in the HWSF during evacuation and extinguish and secure any ignition sources.

5. Transfer all injured persons to medical facilities for treatment.

If a highly flammable material is released, the following action:

1. Notify all persons within a 1/4-mile radius.

2. Eliminate all ignition sources.

3. Restrict or eliminate motor vehicles to avoid ignition of the vapor.

4. Evacuate all persons within a 2000-foot radius of the source, if the likelihood of an impending explosion is determined.

The Fire Chief will determine when the fire has been controlled and will consult with the Emergency Coordinator and the OSC to determine when activities in the area can resume.

7.4.3 General Considerations

Below are considerations to be kept in mind in the event of an emergency.

- Remain calm in all emergency situations.
- Fire and explosion potential always exist.
- Keep non-essential people away from the scene.
- Avoid contact with spilled material. Avoid inhaling smoke, fumes, or vapors.
- Do not assume gases or vapors are harmless because of a lack of odor.
- Check MSDSs to determine flammable and toxic characteristics.

7.5 SPILL CONTAINMENT AND RESPONSE ACTIONS

Spill containment and response actions are described in Chapter 4 of the Cannon AFB SPR Plan.

7.6 EMERGENCY EQUIPMENT

7.6.1 HWSF

The HWSF is equipped with heat detectors in each of the three overhead cargo doors within the HWSF, six manual pull stations, and three portable fire extinguishers. Two emergency eyewash/shower stations are in the HWSF: one in the EPA ignitable storage area, and one in the loading/unloading area just outside the toxic/reactive storage area. A spill kit containing personal protective equipment and absorbent materials is maintained in the loading and unloading bay. The locations of these items are illustrated on floor plan of the HWSF included in Figure 15-1.

7.6.2 Water for Fire Control

Two fire hydrants are approximately 400 feet from the entrance to the storage facility and a freeze-proof hydrant is 300 feet southeast of the facility. The primary fire hydrant (Number 200) is inside the DRMO yard. It has the capacity to supply 1128 gallons of water per minute at 20 pounds per square inch pressure, which is more than what is required for the HWSF.

7.6.3 Emergency Response Equipment Lists

Appendix I includes lists of emergency response equipment that is maintained at various locations throughout Cannon AFB. The OSC or designee may procure this equipment in the event of an oil or hazardous substance spill by telephoning the appropriate shop supervisor or Squadron Commander. A phone list for resources is included at the beginning of the appendix. The Supervisor or Commander will arrange prompt delivery of the equipment to the scene of the incident. The vehicle status charts in the Damage Control Center and at Motor Vehicle Dispatch, extension 4-2832, will determine the availability of assigned vehicles and equipment.

These lists will be updated annually, or as available resources change.

7.6.4 Post-Emergency Equipment Maintenance

After an emergency event, all emergency equipment that was used for clean-up purposes will be cleaned or replaced so that it will be fit for its intended use. Equipment will be triple-rinsed using water or an appropriate solvent. All rinses will be containerized. The third rinse will be analyzed for appropriate parameters, based on materials involved. An inspection of all safety equipment will be conducted before operations are resumed. The Regional US EPA Administrator, State, and Local authorities will be notified that post-emergency equipment maintenance has been performed and operations will resume.

7.7 COMMUNICATIONS

7.7.1 Internal Communications

The HWSF is equipped with six manual pull-alarm stations, four located within the facility and two located just outside the north and south entrances to the facility. Personnel observing a fire, explosion, or an unplanned release of hazardous waste in the area may use one of these stations to notify facility personnel of an emergency situation. The locations of the pull stations are illustrated on Figure 15-1. The DRMO Chief may verbally inform personnel if evacuation is necessary.

7.7.2 External Communications

The HWSF is equipped with a telephone in the loading/unloading bay which may be used in the event of an emergency to summon emergency assistance. **IN THE EVENT OF AN EMERGENCY, DIAL 911 FOR ASSISTANCE.** If this phone is inaccessible, phones in the DRMO or other nearby offices may be used.

7.8 EVACUATION PROCEDURES

All emergencies require prompt and deliberate action. In the event of any major emergency, it is necessary to follow an established set of procedures. Such established procedures are followed as closely as possible; however, in specific emergency situations, the OSC may deviate from the procedures to provide a more effective plan for bringing the situation under control. The OSC is responsible for determining which emergency situations require the evacuation of additional personnel in the vicinity of the facility.

When an evacuation from the HWSF is necessary, the following actions will be taken:

1. The DRMO Chief may verbally initiate evacuation procedures of personnel from the DRMO facility. Military police may be called to assist in informing all personnel of an emergency situation using loudspeakers.

2. No further entry of visitors, contractors, or trucks will be permitted. All vehicle traffic within the DRMO-property will cease to allow the safe exit of personnel and movement of emergency equipment.

3. ALL personnel, visitors, and contractors will immediately leave through the exit gate and gather at the parking lot northwest of the DRMO facility.

4. Only people specifically authorized by the person or persons calling for the evacuation can remain or re-enter the location. The person in charge is responsible for those persons within the perimeter. Those within the fenced area will normally only include fire brigade personnel or emergency teams.

5. ALL persons will be accounted for by their immediate supervisors, who ensure that personnel stay together and proceed to a safe location.

6. Personnel will follow instructions given by the OSC. Re-entry into the facility is made only after clearance is given by the OSC.

All DRMO personnel are trained in evacuation procedures and know how to exit from their respective work areas. Drills are held regularly to practice these procedures.

7.9 COORDINATION AGREEMENTS

The Plains Regional Medical Centers, the City Fire Departments, and the City Police Departments of both Clovis and Portales, as well as the New Mexico State Police Department have entered into coordination agreements with Cannon AFB. Phone numbers for these organizations are included in Appendix H. If called upon, these agencies will provide support to Cannon AFB in an emergency situation. Copies of the coordination agreements are shown in Appendix J. These organizations have a copy of this contingency plan.

The agreement between fire departments states that the requesting party (in this case, the Cannon AFB Fire Department) is in charge of all operations. The Disaster Preparedness Plan (OPLAN 355-1) assigns the responsibility of Medical Disaster Operations to USAF Hospital, Cannon AFB.

Documentation will be kept of the refusal of an organization to enter into such an agreement.

7.10 DOCUMENTATION AND RECORD KEEPING

7.10.1 Documentation

Spill notification response forms and procedures are included in the Cannon AFB SPR Plan. In addition to these requirements, the DRMO, as a tenant on Cannon AFB, has internal reporting requirements. The following incidents require that a report be filed:

- All fires
- Chemical spills of more than five gallons (or smaller volumes if highly toxic materials are involved)
- All injuries except minor cuts and bruises
- All burns and chemical irritations
- All equipment damage due to malfunction or operating error
- All "near misses" of the above that could have had serious consequences

A form similar to that shown in Appendix K will be used for this purpose and will be sent to Operations West, Ogden UT and DRMS, Battle Creek MI.

7.10.2 Record Keeping

Summary reports and details of all incidents requiring implementation of the contingency plan will be prepared and kept with the facility operating records.

The Environmental Coordinator will prepare a Pollution Incident Report which assess the cause of the fire, explosion, or spill. This report will also indicate remedial actions taken to prevent any recurrence of the hazardous situation.

7.11 CONTINGENCY PLAN REVIEW AND AMENDMENTS

This contingency plan will be reviewed and immediately amended, in the following cases:

- The facility permit is revised.
- The plan fails in an emergency.
- The facility changes in its design, construction, operation, maintenance, or other circumstances. This includes any change that materially increases the potential for fires, explosions or releases of hazardous waste constituents, or changes the response necessary in an emergency.
- The list of emergency coordinators changes.
- The list of emergency equipment changes.

SECTION 8 PREVENTIVE PROCEDURES, STRUCTURES, AND EQUIPMENT

This section has been prepared in accordance with 40 CFR 270.14(b)(8).

8.1 LOADING AND UNLOADING OPERATIONS

The loading/unloading bay at the HWSF is designed to minimize the hazards of loading/unloading operations. Specifics on the design of the area can be found in Section 15.2.

Drums are stored on wooden pallets and placed in a bay using a forklift. An aisle space of 10 feet between the bays provides ample room for the operation of the forklift. The forklift is equipped with a spark arrestor. Also, to avoid damaging containers, only trained forklift operators are allowed to move the containers and only palletized containers are stored.

8.2 RUN-ON/RUN-OFF CONTROL

The HWSF building is designed to control run-on and run-off. The building is not located in a 100-year floodplain. The building is completely enclosed on all four sides and covered with a roof to prevent rainfall from entering the facility. The building entrance thresholds are raised to prevent run-on and run-off, and the surrounding area graded to drain into two storm drains located on the west side of the facility.

The perimeter of the foundation and the internal bay dividers are 6-inch concrete curbs. Each storage bay is enclosed by the curbs on three sides and slopes towards a grated containment trench to prevent mixing of spilled or leaked material or runoff containing waste residues from other storage bays. All containment trenches in the facility are tested annually by filling them with water and measuring the water level for 72 hours.

The concrete floor has no joints and is sealed with a chemically resistant epoxy material to inhibit chemicals from leaking through. The epoxy coating is applied over the entire floor surface including curbs and joints. After any spills, the integrity of the floor coatings and sealants are visually inspected and corrected as necessary.

In view of these facts, no run-on into or run-off from the containment system is expected. Details on the facility spill containment system are provided in Section 15.2.

8.3 WATER SUPPLIES

The 4000-square foot concrete pad which makes up the foundation of the HWSF has no joints and has been sealed with a chemically resistant epoxy material to protect against soil and groundwater contamination. It is checked weekly to insure there are no cracks in the sealant. Six-inch concrete curbs surrounding the perimeter of the foundation provides containment.

8.4 EQUIPMENT AND POWER FAILURE

No backup power supplies exist at the HWSF. In the event of a brief power interruption, all storage facility activities will cease until power is restored. No automatic waste feed system exists at the facility. If necessary, base support will provide DRMO with portable generators for backup power generation.

8.5 PERSONAL PROTECTIVE EQUIPMENT

All Cannon AFB personnel handling hazardous waste are required to wear protective equipment to prevent exposure to hazardous waste. A description of available personal protective equipment (PPE) is presented in the Contingency Plan contained in Section 7. PPE includes, but is not limited to protective gloves, eye and face guards, overalls, and boots. Depending on the hazard associated with the particular material being handled and its volatility, appropriate respiratory protection is also required.

SECTION 9 PRECAUTIONS TO PREVENT IGNITION OR REACTION OF IGNITABLE OR REACTIVE WASTES

This section has been prepared in accordance with 40 CFR 270.14(b)(9) and 264.17.

9.1 GENERAL PRECAUTIONS

Hazardous wastes received at the HWSF are in non-leaking containers compatible with the contained waste, safe to handle, and comply with DOT container regulations (49 CRF Parts 173, 178 and 179). The identity and characteristics of all hazardous wastes are made known to the DRMO at the time of receipt and are documented on the HWPS, allowing the DRMO to store the waste compatibly. Wastes are classified as EPA ignitable, reactive, toxic, oxidizer, acid, or base based upon 40 CFR 261.30 Subpart D, HMIS information, other standard hazardous material reference data, and/or lab analyses. The following 40 CFR 261.30 hazard codes appear in the Hazardous Waste Stream Inventory included in Appendix C and are used as guidance to store wastes compatibly: (I) Ignitability, (C) Corrosivity, (R) Reactivity, (E) Toxicity Characteristic Waste, (H) Acute Hazardous Waste, and (T) Toxic Waste.

Wastes stored at the HWSF are protected from sources of ignition or reaction, such as open flames, smoking, cutting and welding, hot surfaces, frictional heat, sparks (static, electrical, or mechanical), and radiant heat. Spark-proof tools are used on all containers storing ignitable materials. In order to prevent a possible source of external ignition, smoking is not permitted within 50 feet of the HWSF. Signs clearly marked with the legend "No Smoking within 50 feet" are posted on the HWSF in English and Spanish.

9.2 COMPATIBILITY OF WASTES

Wastes are not mixed at the HWSF. Containers are segregated by waste type and stored in the storage bays containing similar waste types. Incompatible wastes with the same hazardous waste characteristic are stored in separate bays.

Storage according to compatibility serves as a precaution to prevent reactions which could:

- Generate extreme heat, pressure, fire, explosions, or violent reactions;
- Produce uncontrolled toxic mists, fumes or gases in sufficient quantities to threaten human health or the environment;
- Produce uncontrolled flammable fumes or gases in sufficient quantities to pose a risk of fire or explosions;
- Damage the structural integrity of the device or facility; or
- Threaten human health through other like means.

Publications available to assist DRMO personnel in determining the compatibility of wastes include:

DRMS-M Environmental Compliance for the DRMO Hazardous Property Program, Chapter III, "Storage",

NIOSH Pocket Guide to Chemical Hazards, and

NFPA Fire Protection Guide on Hazardous Materials.

SECTION 10 TRAFFIC PATTERNS

The majority of base traffic, approximately 14,300 vehicles per day average daily traffic (ADT), enters Cannon AFB through the main gate on the northern boundary of the base and circulates between the command buildings (Building 1 and Building 600) located on D.L. Ingram and Torch Boulevard respectively. Only two traffic signals are located on base, at the intersections of Torch Boulevard and D.L. Ingram, and D.L. Ingram and Casablanca. Stop signs control other intersections as needed.

Traffic is distributed between commercial, retail, flight line, residential, and support areas in the following manner (Daniel Consultants, 1994):

D.L.Ingram Blvd. (Commercial Area)	11,481 ADT
Olympic Blvd. (Retail Area)	6,995 ADT
Torch Blvd. (Flight line Area)	4,704 ADT
Sextant Ave. (Residential Area)	1,923 ADT
Trident Ave. (Support Area)	2,958 ADT

Hazardous wastes are generated in various shops located throughout the base, though the majority are generated in the industrial area along Torch Boulevard. Wastes are delivered by pickup truck and other light vehicle to the HWSF, which is located just south of the main gate entrance to the base. From the industrial area of the base, transporters would travel north along Torch Boulevard and turn right into the parking area before the intersection with D.L. Ingram Boulevard to reach the entrance to the DRMO facility. Another route of access would be via W Street, which heads south off of Perimeter Road several hundred yards east of the intersection at Torch and D.L. Ingram Boulevards.

Hazardous waste is picked up periodically from the HWSF by a licensed transporter. Because the HWSF is close to the Main Gate, transporters carrying hazardous waste away from the facility need only travel fifteen hundred feet before exiting the base. One stop light is encountered along the way at the intersection of D.L. Ingram and Torch Boulevards. Access for these transporters to the DRMO would most likely be via W Street. (See Figure 14-1).

Perimeter Road, D.L. Ingram Boulevard, and Torch Boulevard are two-lane highways with posted speed limits ranging from 30 to 40 mph. There are no turn lanes on any of these roads in the vicinity of the DRMO. All roads on Cannon AFB are designed to HS-20 loading specifications and are able to handle up to 40,000 pounds, dual axle. This is the maximum load expected from a fully loaded tractor trailer. The facility receives less than one delivery per day. Traffic near the DRMO is light to moderate.

SECTION 11 FACILITY LOCATION INFORMATION

This section has been prepared in accordance with 40 CFR 270.14(b)(11).

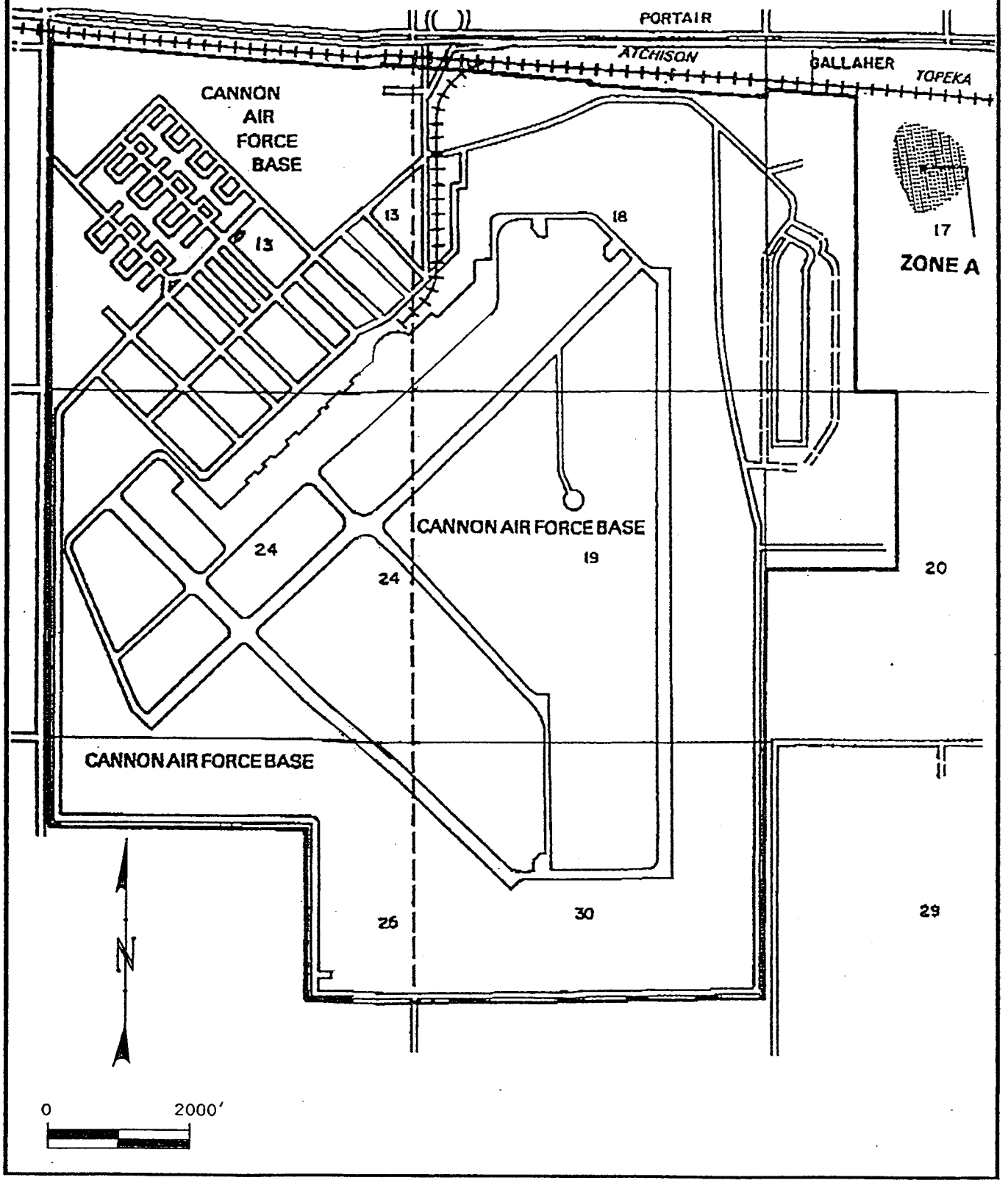
11.1 SEISMICITY

Cannon AFB, located in Curry County, New Mexico, does not lay within a political jurisdiction requiring evaluation of the area's seismicity per 40 CFR 264.18(a).

11.2 FLOODPLAIN INFORMATION

Federal Insurance Administration maps obtained from the Federal Emergency Management Agency, Figure 11-1, indicate that no part of Cannon AFB lies within a 100-year floodplain. Only a small outlying area near the northwest corner of the base, lies within a zone A flood hazard area.

FIGURE 11-1
FEMA MAP -
DEPICTING ZONE A FLOOD HAZARD AREA
CANNON AIR FORCE BASE



D:\725528\CAFB11-1.DGN R00 12.21.94

PARSONS ENGINEERING SCIENCE

SECTION 12 PERSONNEL TRAINING

This section has been prepared in accordance with 40 CFR 270.14(b)(12).

12.1 OUTLINE OF TRAINING PROGRAM

DRMO personnel who handle hazardous wastes must successfully complete a program of classroom instruction and/or on-the-job training so they are able to operate and maintain the facility in a manner which ensures the facility's compliance with 40 CFR 270.14(b)(12). Relevant course selections are determined by DRMS Headquarters in Battle Creek, Michigan. The DRMS Corporate Training Plan is made available to the DRMO via E-mail from the DRMS personnel office. A copy of the Training Plan is kept on file at DRMO-Cannon.

Training matrices which outline required courses and job specific training for each job position are maintained at the DRMO. The types of training offered at Cannon AFB include:

- Required Courses
- On-the-Job Training
- Job Specific Training
- Emergency Response Training
- Annual Refresher Training

The training program employed by DRMS for employees handling hazardous wastes combines supervised on-the-job instruction and formal classroom training. Each employee learns about particular dangers associated with hazardous wastes typically stored at the HWSF and their storage requirements. Training specified in this section is provided to all DRMO employees having duties relating to hazardous waste management. Refresher training is conducted annually and addresses the same topics discussed in the initial training, plus any additional pertinent information available.

12.2 REQUIRED COURSES

Each employee involved in hazardous materials/waste management at Cannon AFB must complete the required courses specified on their training matrix. The required courses typically cover topics related to hazardous waste management, such as identification, spill containment, and storage and disposal procedures of hazardous waste, through a combination of lectures and practical exercises.

12.3 ON-THE-JOB TRAINING

Each employee must read and understand documents such as Environmental Compliance for the DRMS Hazardous Property Program. Chapter III and IV of this publication outline procedures to ensure the proper management and handling of hazardous wastes. Each

employee must also read and understand information such as that which is contained in Chapter VII of publication #DRMS-M 6050.1 entitled, Oil and Hazardous Materials/Hazardous Wastes Spill Prevention and Response. Furthermore all DRMO personnel must familiarize themselves with the facility contingency plan. Reference materials describing technical and regulatory aspects of hazardous waste management are also available at the DRMO Administrative Office. The Spill Prevention, Control, and Countermeasures (SPCC) Plan for Cannon AFB is executed at least once annually for training purposes.

Environmental specialists from Operations West, Ogden UT provide on-the-job training during periodic quality assurance visits throughout the year. These individuals provide guidance to DRMO personnel for the property identification, handling, and storage of hazardous wastes. Employee compliance with the requirements set forth in 6050.1 are also reviewed during Operations West, Ogden UT, DRMS, Inspector General, and to a lesser extent, by EPA/NMED visits to the facility.

12.4 JOB-SPECIFIC TRAINING

The training outlined above is sufficient to satisfy the requirements of NM HWMR 206.b.6.a. Several courses are also available that offer more in-depth instruction. Courses such as those discussing regulatory compliance and incident response operations are offered to relevant employees. At least one additional course beyond what is required is recommended as advanced hazardous waste management training for DRMO personnel.

12.5 EMERGENCY RESPONSE TRAINING

The DRMS training program includes emergency response training. All DRMO personnel acquire the ability to respond effectively to emergency situations which are related to their tasks.

As mentioned previously, on-the-job training requires each employee to read and understand information such as that which is contained in Chapter VII of publication #DRMS-M 6050.1 entitled, Oil and Hazardous Materials/Hazardous Wastes Spill Prevention and Response. Emergency response, spill containment and control, and spill clean-up are also covered in classroom instruction with lectures and practical exercises.

12.6 ANNUAL REFRESHER TRAINING

The annual refresher training summarizes the initial classroom training and includes:

- The status of storage and operating conditions and procedures, noting any areas where there are problems or potential problems. Employees help develop effective solutions to identified problems.

- The requirements of the facility's RCRA permit, noting any changes during the past year. Areas where maintenance of compliance is a problem are identified and discussed and effective solutions sought.

- Incidents of the past year that required implementing the contingency plan or emergency action. This review focuses on the cause of the incident and identifies steps to prevent or to ensure better handling of similar events in the future.

- Review of the annual hazardous waste and waste minimization reports.

In addition, employee compliance with the requirements set forth in 6050.1 are also reviewed during Operations West, Ogden UT, DRMS, Inspector General, and, to a lesser extent, by EPA/NMED visits to the facility.

12.7 TEST DRILLS

All DRMO personnel are required to participate, at least annually, in test drills designed to simulate an emergency response action. The test drills are pre-arranged and are monitored for areas requiring improvement or modification. Major discrepancies or flaws in the emergency response system are corrected and a subsequent test drill is implemented. Test drills are conducted until the emergency response actions are satisfactory.

12.8 IMPLEMENTATION OF TRAINING PROGRAM

Current and future DRMO employees assigned to manage/handle hazardous materials and hazardous wastes complete the required and on-the-job training programs within six months of their date of employment or assignment to a new activity, unless the employee has a record of previous hazardous waste management training. No employee works unsupervised with hazardous wastes until he/she successfully completes on-the-job training.

12.9 WRITTEN RECORDS

DRMO-Cannon maintains and updates the following documents:

- A list of job titles related to hazardous waste management at the DRMO, a written job description and associated training matrix for each title, and the name of the employee filling each position. The job description includes duties, required skills, required education, and the initial and continued training provided for this position at DRMO-Cannon.

- Training records of all employees at DRMO-Cannon whose work is related to hazardous waste management. These personnel training records document all completed training programs (both introductory and review).

These written records are kept on-site in the DRMO until closure. Records of former employees must be kept for three years after the employee leaves Cannon AFB. Personnel training records should accompany transferred personnel. Duplicate records are kept at CSG/CEV. The above information for Cannon AFB personnel is also maintained by CSG/CEV.

SECTION 13 - CLOSURE & POST-CLOSURE PLAN

This section has been prepared in accordance with 40 CFR 264.110-115 and 264.178.

13.1 GENERAL INFORMATION

The Closure Plan describes procedures and techniques to implement and complete the closure of the HWSF at any point during its operating life and to completely close the storage facility at the end of its intended operating life.

DRMO-Cannon and Cannon AFB will maintain an on-site copy of the following Closure Plan and all revisions to the plan until the Certification of Closure Completeness has been submitted and accepted by the State of New Mexico and EPA Region VI.

This closure plan is designed to ensure that the HWSF will not require further maintenance and control, and to minimize and eliminate threats to human health and the environment upon completion of closure.

13.2 AMENDMENT OF PLAN

The Cannon AFB HWSF Closure Plan will be amended whenever any pertinent changes are made to the existing equipment, structures, instruments, or procedures related to the management or closure activities of the facility. In addition, the Closure Plan will be amended to reflect any new information on the expected year of closure of the facility.

A written request for a permit modification, including a copy of the amended Closure Plan, will be submitted for approval to the NMED Hazardous Waste Division at least 60 days prior to the proposed change in facility design or operation or no later than 60 days after an unexpected event has occurred which has affected the Closure Plan. If an unexpected event occurs during the closure period, a permit modification will be requested no later than 30 days after the unexpected event.

13.3 CLOSURE SCHEDULE

Cannon AFB, on which DRMO-Cannon is a tenant, is an integral part of the defense system of the United States; therefore, closure is not anticipated. However, 2034 is the estimated closure date.

Cannon AFB must notify NMED Hazardous Waste Division in writing at least 45 days prior to the date the HWSF is expected to close. An independent registered professional engineer must supervise and certify final closure.

Closure activities will be initiated no later than 30 days after receipt of the final volume of hazardous wastes. All hazardous waste maintained in the HWSF will be removed and disposed within 90 days after receiving the final volume of hazardous waste. Closure activities must be complete within 180 days after receiving the final volume of hazardous

waste. Table 13-1 presents an estimated schedule for closure which gives an estimate of the total time required to close the facility and the time required for intervening closure activities.

Table 13-1 Estimated Closure Schedule

Item	Activity	Days
1.	Notify NMED Hazardous Waste Division	-45
2.	Receipt of final volume of hazardous waste	-30
3.	Begin closure period	0
4.	Removal/disposal of final waste inventory	60
5.	Decontamination of HWSF	90-140
6.	Decontamination verification	160
7.	Submittal of final report and certification	180
8.	Completion of closure period	180
9.	Submit certification of closure	240

13.4 EXTENSIONS OF CLOSURE SCHEDULE

No extension for closure time is anticipated. If, however, an extension would be necessary to properly close the HWSF, then a petition will be sent to the NMED Hazardous Waste Division at least 30 days prior to the effected closure period(s). The petition must demonstrate that all steps to prevent threats to human health and the environment, including compliance with all applicable permit requirements, have and will be taken if the site is unclosed but inactive.

13.5 MAXIMUM FACILITY WASTE INVENTORY

The maximum waste inventory for the storage of containers is dependent upon the containment system capacity and arrangement of pallets in the storage areas. The maximum inventory would be 10,720 gallons of hazardous waste in storage in 55-gallon containers and smaller, at any given time, during the operational life of the HWSF. Secondary containment plans and specifications are provided in Section 15.2 of this permit application.

13.6 PARTIAL FACILITY CLOSURE PROCEDURES

Partial closure of the HWSF is not expected to occur during the operational life of the facility. However, in the event of a partial closure, Cannon AFB and an independent registered professional engineer must certify that all closure activities have been completed according to the guidelines of the basic Closure Plan.

During such closure, the engineer will be present full-time to ensure that this Closure Plan is followed. Upon completion of closure, Cannon AFB will submit to the NMED Hazardous Waste Division a certification by the DRMO Commander and by the independent registered professional engineer that the HWSF has been closed in accordance with the specifications in the approved Closure Plan.

Submittal of certification will be made within 60 days of final closure.

13.7 INVENTORY DISPOSAL AND REMOVAL

Once NMED Hazardous Waste Division returns formal notification to proceed with closure, no additional hazardous property will be accepted at the HWSF.

All hazardous waste/property remaining in inventory will be removed in accordance with a contractual agreement to a State and/or EPA-treatment, storage, and/or disposal facility or recycling site(s). If this process cannot be accomplished within the allotted time for closure, the hazardous property will be transferred to an operational DRMO with an approved treatment, storage, and/or disposal permit.

After the final inventory of hazardous waste has been removed, the HWSF will be inspected for loose items, i.e., papers, pallets, or empty containers. Any items found will be removed and properly disposed.

13.7.1 Environmental Sampling and Analytical Analysis

Sampling and analytical testing will be performed by trained personnel. The contractor selected to perform the environmental sampling and analytical testing is required to:

- Have an established quality control/quality assurance program that is consistent with the requirements of EPA Publication SW-846.
- Use sampling methods in accordance with Table 13-2, which specifies methodology.
- Decontaminate equipment between samples using hexane followed by three rinses with distilled water then air dry, or use another approved method.
- Use appropriate tests in Table 13-3. The guide reference provides estimated detection limits, and specifies the maximum sample holding time. For the wipe samples, a blank will be run on filter paper that was not wiped on a surface. The filter paper wipe samples will be extracted using a method from SW-846 or TCLP in Appendix II of 40 CFR 268 before being analyzed.

Table 13-2 Sampling Methods

Type of Waste	Guide Reference
1. Soil or rock-like material	ASTM Standard D420-69
2. Soil-like material	ASTM Standard D1452-65
3. Fly-ash-like material	ASTM Standard D2234-76
4. Surface sampling (wipe)[1]	None

(1) Filter paper will be used to wipe a 2500 square centimeter area at each sampling point.

Table 13-3 Test Methods

Types of Material	Test
Ignitables Paints, Lacquers, Varnishes, Sealing compounds, Corrosion preventative, F003 and F005 spent solvents, Refueling operations residue contaminated with JP-4, Alcohols, Paint removers, Hydrocarbon solvents	8020, 8270, 9060, SW-846[2]
Chlorinated hydrocarbons F002 and F001 spent solvents, 1, 1, 1-trichloroethane, Dichloromethane, Tetrachloroethylene	8020, 8270, 8010, SW-846
Corrosive materials Acids, Caustics	pH
Solvents May have contained heavy metals from processes as used.	8020, 8270, TCLP
Heavy metals Paint residues, Batteries	TCLP

(2) EPA Publication SW-846 (as revised) and 40 CFR 261.

13.7.2 Facility Inspection

Following inventory removal and disposal, each empty unit will be inspected for cracks in the floor or signs of deterioration in the containment system. Facility inspection records will be used to determine the need to modify the sampling and test parameters. Two general cases could be expected and are described as follows:

13.7.2.1 Case 1

Inspection of the empty facility reveals no cracks in the floors or signs of deterioration in the containment system.

Wipe samples will be taken of the surface to determine if the facility surfaces are contaminated. Sampling size will be determined by using a statistical formula as described in Methods for Evaluating the Attainment of Cleanup Standards, EPA 230/02-89-042, February 1989.

The majority of sampling points will be in the storage bays used to store waste, in the sumps, and along the routes used to move hazardous waste in the facility. If there are records or evidence of any spills or leaks, samples will be taken at those locations. The samples will be tested for TCLP characteristic waste, corrosivity, and organics according to the test methods outlined in EPA Publication SW-846.

Wipe samples will be collected from "clean areas" within the HWSF to represent background samples. The concrete floor of the HWSF is coated with a sealant to prevent hazardous waste from leaking into or through the concrete floor and contaminating the soil and groundwater.

Analytical results of the wipe samples could include some or all of the chemical constituents of the sealant. To maintain uniformity, background samples will be taken from the same concrete floor, or from another concrete floor with the same sealant.

If the results indicate no contamination, then closure actions will be considered complete and certifications accomplished, since the floor is sealed to prevent hazardous wastes from leaking into or through the floor.

If the results indicate that the floor is contaminated in particular areas/bays, then the floor will be decontaminated according to the procedures described below. Criteria will be based on a 95-percent confidence level that analytical results exceed the statistical mean of the background samples.

13.7.2.1.a Facility Decontamination

Trained personnel wearing appropriate PPE (rubber gloves, rubber boots, and coveralls) will remove and clean-up all visible signs of contamination. The services of these personnel will be obtained at the time of closure notification in accordance with contractual procedures established by DRMS.

A series of three solvent washes will be used to wash the walls, floors, and sumps of each bay, closet, and hall. All washings will be collected in a portable tank and the washwater will be analyzed. Washwater samples will be analyzed for TCLP characteristic waste, ignitability, corrosivity, TOC (total organic carbon), TOX (total organic halogens), reactivity and any specific substance if indicated by the spill records or the wipe sample test results. The washwater will be considered hazardous if:

- It meets any characteristic waste definition in 40 CFR 261;
- It show the presence of any waste listed in Appendix VIII of 40 CFR 261;
- The pH ≤ 2 or ≥ 12.5;
- The flash point is below 140°F;
- The cyanide concentration exceeds 1 mg/l;
- The TOC concentration exceeds 25 mg/l, or;
- The TOX concentration exceeds 25 mg/l.

If the analysis indicates that the wash is hazardous, then the wash solutions will be collected, containerized, manifested, and properly disposed. Cannon AFB will determine if the washwater contains wastes subject to land disposal restrictions and will attach the appropriate certification/notification to the manifest. Washwater not found to be contaminated will be disposed in accordance with applicable regulations (e.g., NPDES requirements) to the sanitary sewer system.

Should the decontamination process fail to adequately clean the concrete, the concrete will be broken up and contained for disposal as hazardous waste.

13.7.2.1.b Environmental Sampling and Analysis

A minimum of four soil samples will be taken at various locations surrounding the HWSF. Surface samples will be taken initially. Samples will also be taken at any location which shows evidence of contamination. A representative background sample will be taken outside the area defined as potentially contaminated. The samples will be analyzed for TCLP characteristic waste, corrosivity, and organics by Gas Chromotography-Mass Spectroscopy according to the test methods outlined in EPA Publication SW-846.

Comparison of the analytical data from the samples collected with the background samples should be made using the analysis of variance (ANOVA), Cochran's approximation to the Behrans-Fisher t-test, averaged replicate t-test, or other statistical methods to determine whether there is a statistically significant difference or change between the baseline and the soil samples. A probability level (confidence interval) of 95 percent has been selected for the baseline concentration upper level.

If any contaminated soils are found, further sampling and analysis will be conducted to determine the lateral and vertical extent of contamination. Sampling will be repeated at increased depth and frequency. If results indicate that the contamination was wider than previously estimated; sampling will continue until a contamination profile can be constructed. All contaminated soil will be excavated and disposed as hazardous waste. Discovery of contamination is considered an unexpected event during closure.

13.7.2.2 Case 2

Cracks or deterioration are found in the floor or containment system.

Samples of the floor and subsurface will be taken using standard core sampling techniques. The materials listed in operating records are those constituents stored at the unit. Tests will be performed on the subsurface generally, and specifically at areas of cracks and deterioration at zero, one, and three feet below the floor of the facility to detect subsurface soil contamination. A representative background sample will be taken outside the area defined as potentially contaminated. The samples will be analyzed for TCLP characteristic waste, corrosivity, and organics according to the methods outlined in EPA Publication SW-846.

Comparison of the analytical data from the samples collected with the background samples should be made using the analysis of variance (ANOVA), Cochran's approximation to the Behrans-Fisher t-test, averaged replicate t-test, or other statistical methods to determine whether there is a statistically significant difference or change between the baseline and the soil samples. A probability level (confidence interval) of 95 percent has been selected for the baseline concentration upper level.

If any contaminated soils are found, further sampling and analysis will be conducted to determine the lateral and vertical extent of contamination. Sampling will be repeated at

increased depth and frequency. If results indicate that the contamination was wider than previously estimated; sampling will continue until a contamination profile can be constructed.

Any spills which may occur are expected to be contained within the HWSF. Therefore, a groundwater monitoring program has not been implemented and groundwater contamination is not expected to occur. However, if unacceptable concentrations of contaminants are found at greater depths, the need for establishing groundwater wells will be determined. Contaminated groundwater attributable to the handling practices of hazardous wastes at this facility will be treated and remediated so that any contamination resulting from the above handling practices is below local and/or Federal limits specific for that contaminant. Discovery of contamination during closure is an unexpected event.

Contaminated soils will be removed and handled according to state and federal regulations. Should the decontamination process described in 13.7.2.1.a fail to adequately clean the concrete, the concrete will be broken up and contained for disposal as hazardous waste. The area where soil was removed will be restored to the extent required by the closure standard and pursuant to state and federal regulations.

Areas where the floor shows no cracks and the chemical resistant seal coat is intact will be treated as in Case 1 above.

If the results indicate no contamination, then closure actions will be considered complete and certifications accomplished.

13.7.3 EQUIPMENT DECONTAMINATION

All equipment used during the facility's operating life, which has come into contact with hazardous waste at closure, will be decontaminated or shipped off-site to a permitted hazardous waste disposal site. The equipment and hand tools will be decontaminated on the load/unloading area of the HWSF. Equipment will be washed and triple rinsed, where applicable, and the washwater will be collected. The load/unloading area and sump will be cleaned in the same manner after the equipment decontamination has taken place.

13.8 CLOSURE OF CONTAINERS

The removal of waste containers will be verified by an independent registered professional engineer. All containers will be sealed and labeled prior to shipment. Manifests for container removal will be maintained by the Cannon AFB Environmental Protection Specialist and the DRMS Headquarters Office.

13.9 CERTIFICATION OF CLOSURE

Once the sampling and decontamination processes for the facility are completed, a registered professional engineer will visually inspect the facility, review all analytical results, and if all criteria described above are met, certify the facility closure.

Within 60 days of completion of closure of the HWSF, certification that the HWSF has been closed in accordance with the specifications in the approved Closure Plan must be submitted to NMED Hazardous Waste Division. The certification must be signed by the owner or operator of the HWSF and by the registered professional engineer.

13.10 POST-CLOSURE PLAN

A Post-Closure Plan per 40 CFR 264.117 and 118 is not required for the Cannon AFB HWSF because this permit only addresses a waste storage facility. All hazardous wastes will be removed, transported, and the storage areas will be decontaminated as part of the facility Closure Plan.

13.11 FINANCIAL REQUIREMENTS

The Cannon-DRMO, as an entity of the US Government, is exempt from the financial and liability requirements outlined in 40 CFR 264 Subpart H.

SECTION 14 HWSF LOCATION

This section has been prepared in accordance with 40 CFR 270.14(b)(19).

14.1 TOPOGRAPHIC MAP

A topographic map showing a distance of 1000 feet around the HWSF (Building 226) is included in Figure 14-1.

14.2 WIND SPEED AND DIRECTION

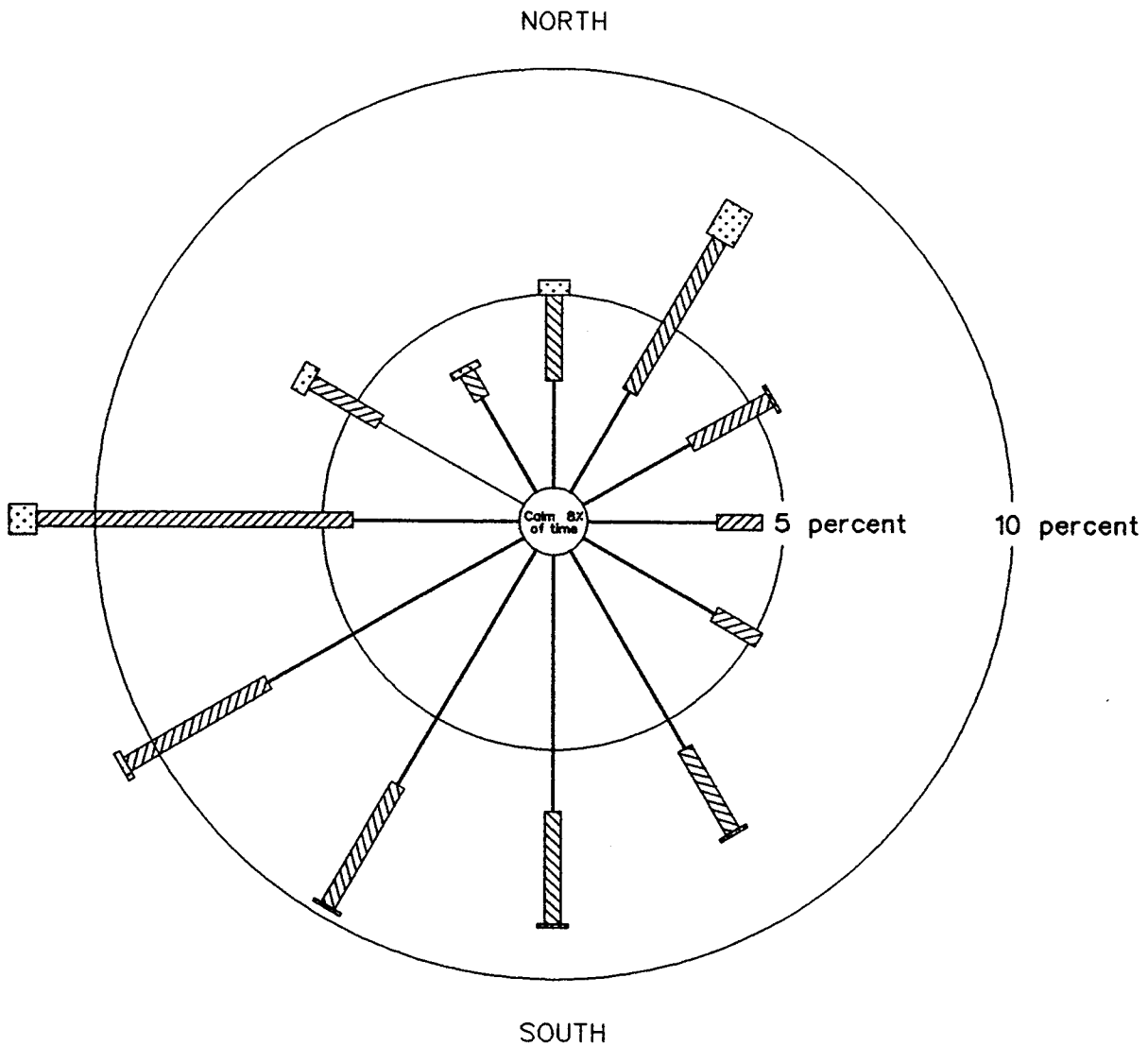
A wind rose for Cannon AFB is shown in Figure 14-2. Winds in the Cannon AFB area are often gusty and can average 10 mph or greater. Based on a 10-year period, the prevailing surface wind direction at Cannon AFB is from the west. Winds from this direction occur primarily from October to May, but in the warmer months, winds tend to be from the south.

14.5 WATER WELLS

Groundwater is the sole source of water for the Cannon AFB water supply system. Base water is withdrawn from wells (Figure 14-3) developed in the Ogallala aquifer. Well depths vary from 357 to 415 feet, with capacities from 200 to 765 gallons per minute.

FIGURE 14-2

WINDROSE
for
Cannon AFB
October 1981 – September 1991

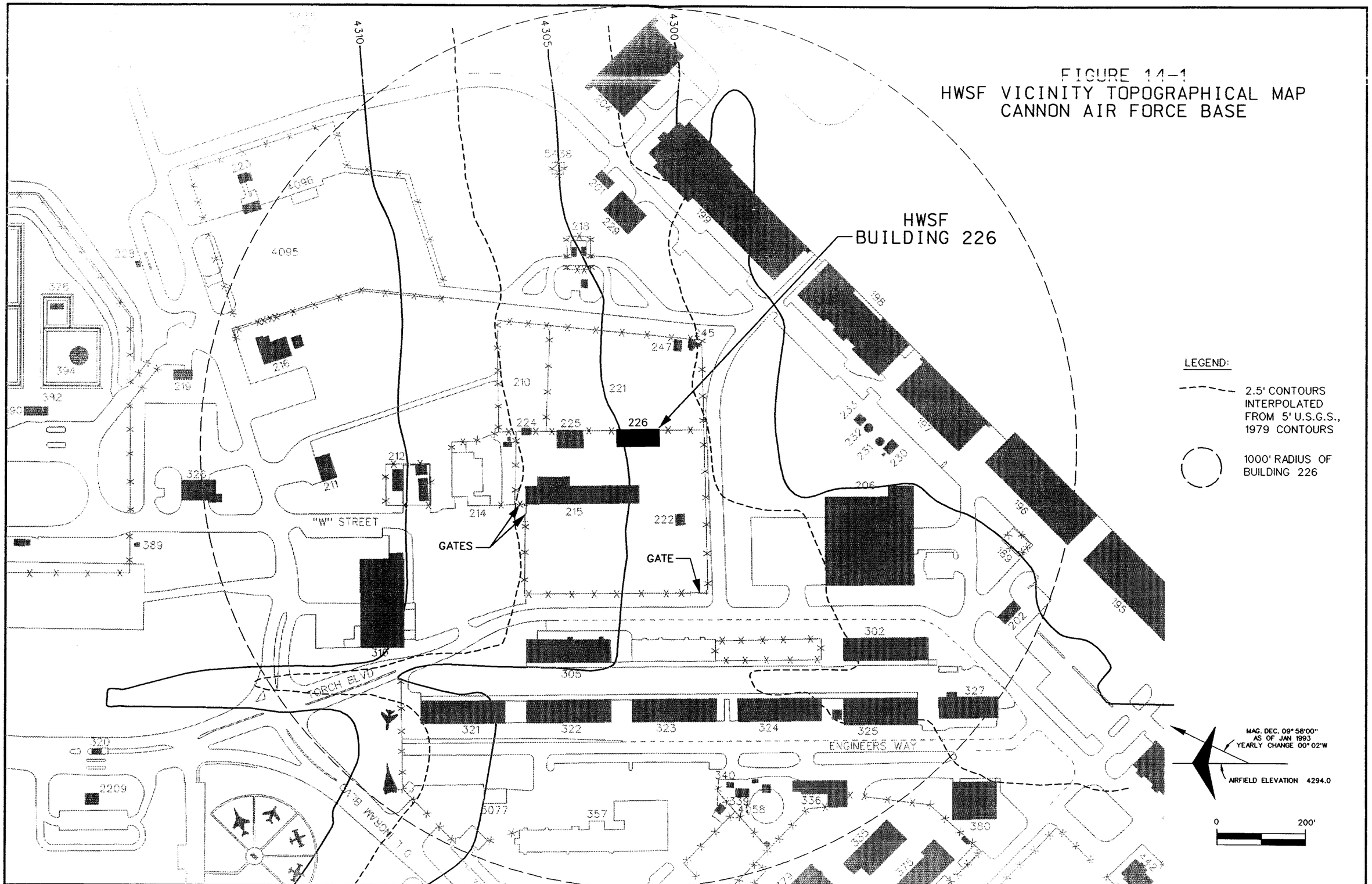


LEGEND

1-9 knots
10-19 knots
20-29 knots

NOTE: The positions of the spokes show the direction from which the wind was blowing; the length of the segments indicates the percentage of the speeds in various groups.

D:\725528\CAFBWR1.DGN R01 08.18.94



D:\725528\CAFB14-1.DGN R02 01.25.95

PARSONS ENGINEERING SCIENCE

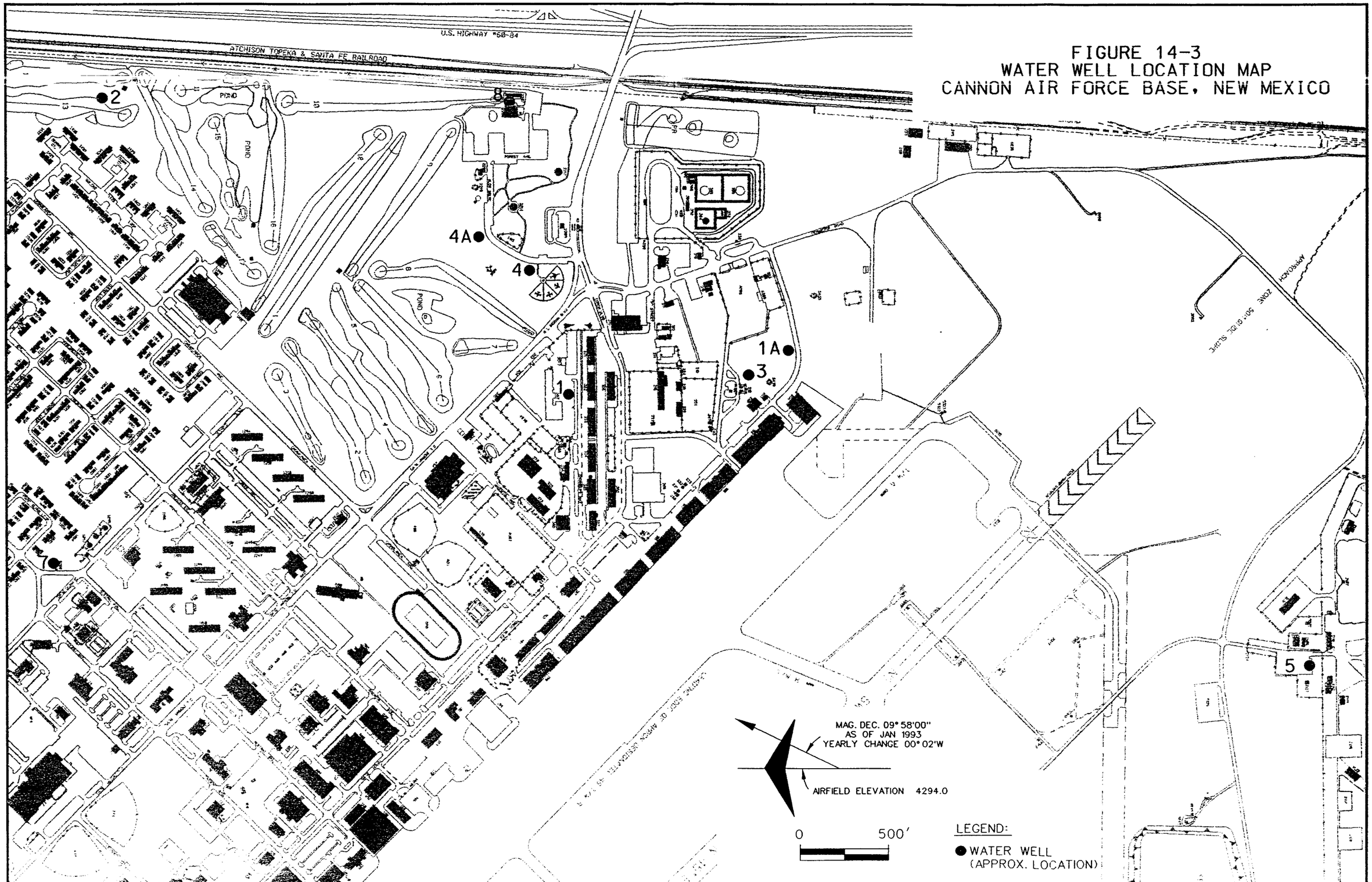


FIGURE 14-3
WATER WELL LOCATION MAP
CANNON AIR FORCE BASE, NEW MEXICO

D:\725528\CAFB14-3.DGN R01 12.22.94

PARSONS ENGINEERING SCIENCE

SECTION 15 REQUIREMENTS FOR CONTAINERS

This section has been prepared in accordance with 40 CFR 270.15

15.1 MANAGEMENT OF CONTAINERS

The containers used for the storage of hazardous wastes meet the US Department of Transportation (DOT) specifications or military container specifications for the type of waste stored. DRMO-Cannon is responsible for providing guidance to hazardous waste generators for packaging requirements in accordance with DOT regulations (49 CFR Subchapter C - Hazardous Material Regulations). It is the responsibility of the transporting vendor to label all containers with the appropriate DOT designations.

Containers holding waste are kept closed during storage, except when sampling is being performed. A container will not be opened, handled, or stored in a manner which may cause it to be ruptured or otherwise damaged. Containers must be made of or lined with materials which will not react with, and are otherwise compatible with, the hazardous waste to be stored. Incompatible wastes are stored in separate bays.

15.1.1 Information Provided by the Generator

Department of Defense (DOD) regulations require that any squadron or flight turning in hazardous wastes properly package, label, mark, and seal the containers at the point of generation. Wastes restricted from land disposal are marked with the date and EPA hazardous waste number. This marking must be separate from the accumulation date. All hazardous wastes, prior to acceptance for storage, must be accompanied by internal DOD documents and applicable notification/certification of the disposal requirements. Included in these documents is a detailed HWPS for each waste stream based on generator knowledge of the waste or chemical analyses. Examples of completed HWPSs are included in Appendix D.

Using the information on the generator's HWPS, DRMO-Cannon personnel will verify if the waste is subject to the land disposal restrictions and one year storage limitations of 40 CFR 268. If the waste is banned from land disposal, then the DRMO-Cannon personnel will check to see if the written notice of appropriate treatment standards or certification as specified in 40 CFR 268.7 is attached to the incoming documentation. If these items are not present and are required, the DRMO-Cannon personnel will contact the generator and have them correct the deficiency. These notices will be filed and a copy sent with the outgoing manifest when the waste leaves Cannon AFB.

15.1.2 DRMO Inspections of Generator Hazardous Waste For Storage

Upon arrival at the load/unloading area, hazardous waste containers are pre-inspected at DRMO prior to receipt. Pre-inspection ensures that the waste is packaged in structurally sound, non-leaking containers and that the packaging is safe for storage, handling and future shipments. No leaking or damaged containers will be accepted for storage at DRMO-Cannon. Any wastes that require repackaging (the containers are structurally unsound or leaking) will

be corrected before they are allowed to enter the storage facility. All items are visually inspected to ensure they match container markings, piece count, and accompanying documents (manifest, applicable notification/certification of the disposal requirements and internal DOD documents).

15.1.3 Container Handling

Upon receipt at the load/unloading area, the containers and packaged wastes will be off loaded from the truck(s). Prior to transit to designated storage locations in the HWSF, containers are placed on pallets of a size appropriate to the storage location. In most instances a forklift and a drum handler are used for ease in handling. Incompatible wastes are transferred separately in all storage and handling operations. All wastes entering the facility are entered onto an inventory log for tracking purposes.

15.2 FACILITY CONTAINMENT SYSTEM

15.2.1 Design Parameters, Dimensions, and Construction Materials of Containment System

Construction drawings of the HWSF are included in Appendix L. A diagram illustrating the proposed layout of the HWSF is included in Figure 15-1.

The HWSF building at DRMO-Cannon is an enclosed steel structure constructed upon a concrete pad of approximately 4000 square feet (Figure 15-2). The building is divided into three sections:

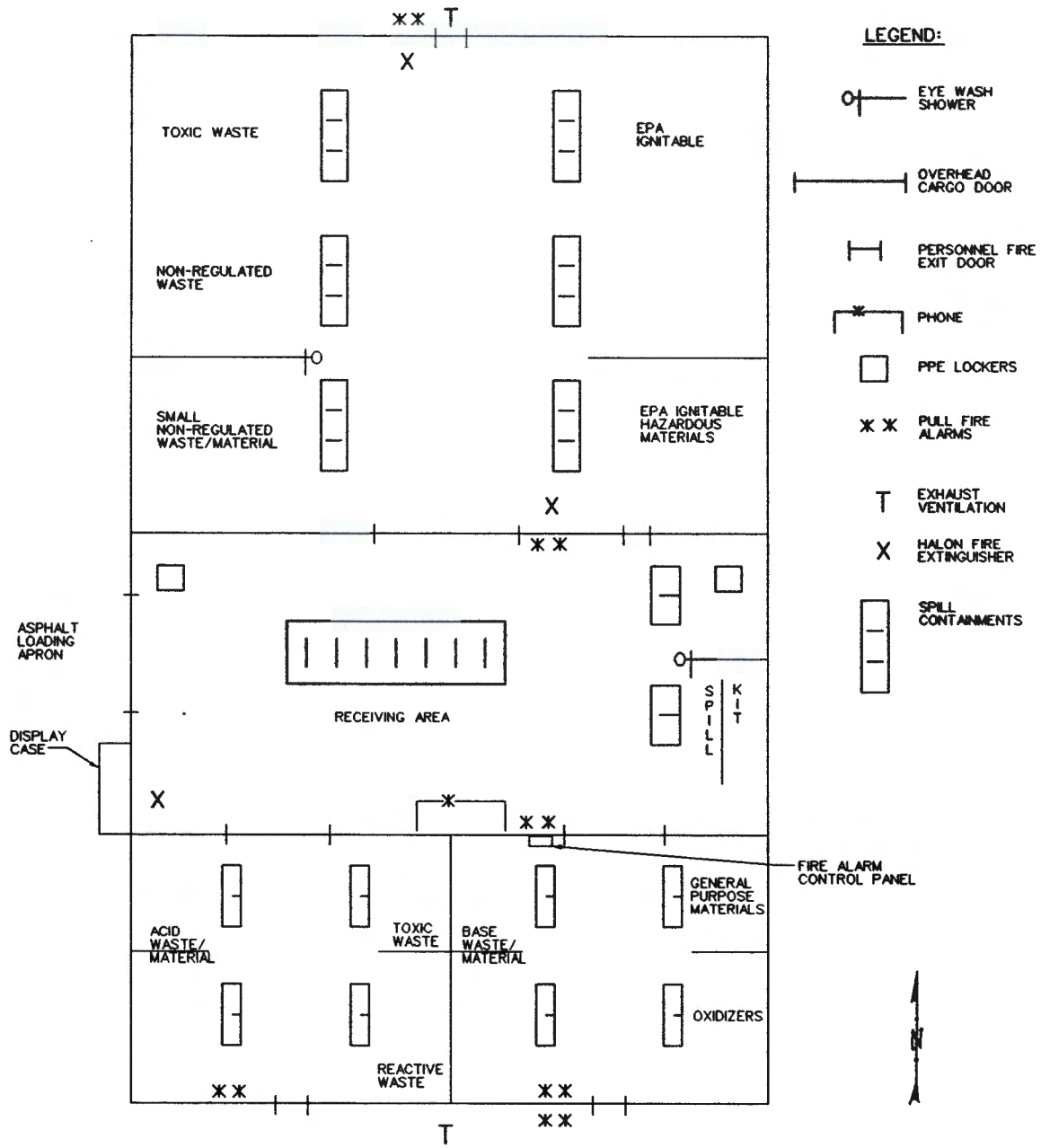
1. A EPA ignitable storage area of 2400 square feet (Figure 15-3).
2. A loading and unloading bay of approximately 800 square feet (Figure 15-4).
3. A toxic and reactive waste area of approximately 800 square feet (Figure 15-5).

The loading and unloading bay separates the flammable area from the toxic/reactive area. The floor of the loading and unloading bay slopes to a 150-gallon collection trench in the center. Outside the area's overhead steel door, a paved area slopes away from the building to prevent run-on.

In the EPA ignitable storage area, there are six 13 by 20-foot storage bays, three to a side, with a 10.5-foot aisle down the center. The floor of each storage bay is sloped towards a 150-gallon grated containment trench. The maximum amount of waste which will be stored in one of the bays is 1,320 gallons in 85-gallon or smaller containers.

The toxic and reactive waste storage area contains eight 6 by 9-foot storage bays with 4 feet of aisle space. The bays are divided for the storage of bases, acids, toxic and reactive wastes, oxidizers, and low-hazard materials. Hazardous wastes and materials stored in the bays will be separated and prominently marked. Each bay slopes to an 82.5-gallon capacity

FIGURE 15-1
HAZARDOUS WASTE STORAGE FACILITY
BUILDING 226
CANNON AIR FORCE BASE



FLOOR PLAN

NOT TO SCALE

D:\725528\CAFB15-1.DGN R02 01.25.95

PARSONS ENGINEERING SCIENCE

Figure 15-2 Cannon AFB HWSF, Building 226

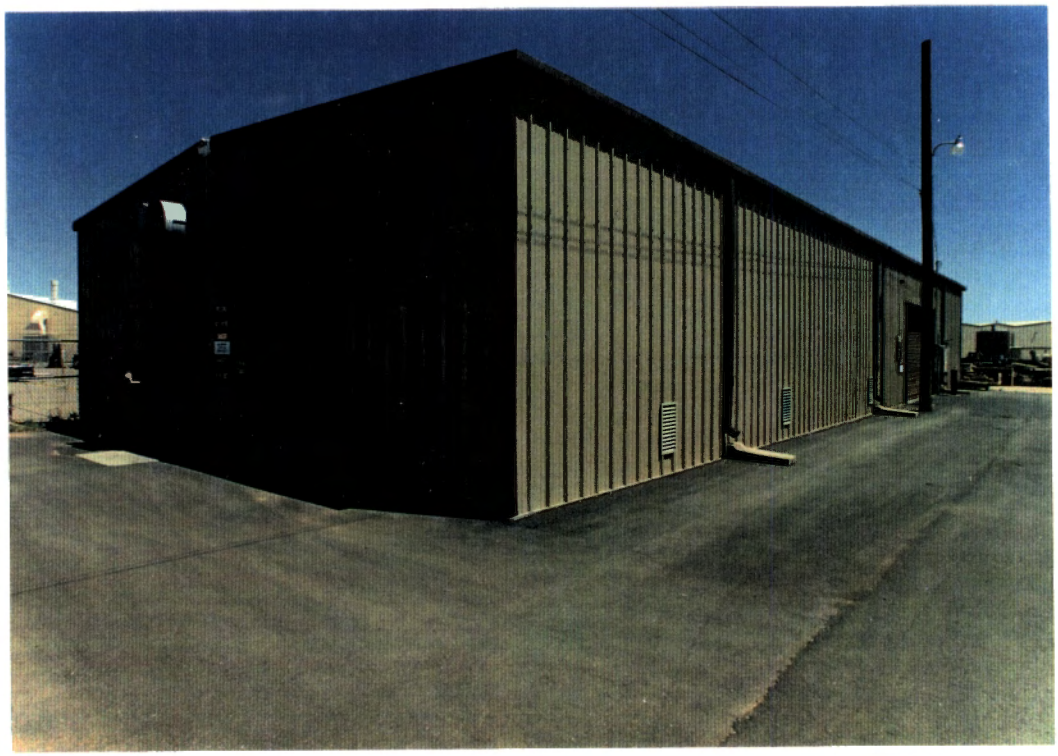


Figure 15-3 HWSF EPA Ignitable Storage Area

Figure 15-4 HWSF Loading and Unloading Area

Figure 15-5 HWSF Toxic and Reactive Storage Area

containment trench. The maximum amount of materials and wastes which will be stored in each of these bays is 350 gallons in 55-gallon (6 drums) or smaller containers.

15.2.2 Container Storage

Small containers are stored on the shelves in each bay. Drums are stored on wooden pallets and placed in a bay using a forklift. A maximum of three 55-gallon drums will be stored on each wooden pallet. This storage configuration elevates the wastes from the floor, prevents contact with any spilled materials, and facilitates inspections.

DRMO personnel visually inspect storage containers on a regular basis to detect deterioration, leaks that may cause a spill, accumulation of liquids below storage containers, or any other signs of potential discharge from the storage container. If a container holding hazardous wastes should begin rusting or leaking during storage at this facility, its contents will be transferred to another container which will be compatible with the requirements of 40 CFR 264 Subpart I: Use and Management of Containers. These inspections are performed according to guidelines set forth in Section 5, Facility Inspections.

15.2.3 Containment System Capacity

No wastes, regardless of whether they are solid or liquid, are stored in an area that is not equipped with a secondary containment system. Each storage bay is surrounded by a 6-inch curb and slopes to a containment trench. For each bay, the capacity of the containment trench alone satisfies the spill containment requirement as it provides more than 10% of the total volume of materials allowed to be stored in the area. Table 15-1 below lists the maximum volume permitted to be stored, the volume of the largest container stored, and the containment trench capacity for each type of bay in the HWSF.

Table 15-1 Containment System Capacity

Storage bay	Maximum volume stored	Maximum container capacity	Containment trench capacity
EPA ignitable storage bays	1320	85	150
Toxic/reactive storage bay	350	85	82.5

15.2.4 Provisions for Preventing Run-On

The HWSF building is designed to control run-on and run-off. These controls are described in Section 8.2 of this document.

15.2.5 Accumulated Liquid Removal

Spilled or leaked waste is immediately removed from the containment systems using either absorbent material followed by mechanical pickup, or a pump. Spilled liquids are analyzed according to the hazardous designation of the particular storage area and the specific

chemicals spilled. The names of these chemicals are determined from the container labels and/or from the log books kept onsite (which contain the name and location of all hazardous wastes stored at the storage facilities). DRMO personnel assigned to handle hazardous materials and wastes are trained to contain spills (see Section 12, Personnel Training) and follow the spill contingency plan for the removal process.

15.3 STORAGE OF CONTAINERS WITHOUT FREE LIQUIDS

All containers are handled as if they contain free liquids and, therefore, will not be individually tested for the presence of free liquids.

15.4 MANAGEMENT OF IGNITABLE, REACTIVE, AND INCOMPATIBLE WASTES

15.4.1 Ignitable and Reactive Wastes

Figure 15-1 illustrates that the HWSF is located 2000 feet south of the nearest property line of Cannon AFB and, therefore, is in compliance with the National Fire Code Standards for container storage holding ignitable or reactive wastes. Per 40 CFR 264.176, containers holding ignitable or reactive wastes must be located at least 50 feet from the facility's property line.

15.4.2 Incompatible Waste

Incompatible wastes or materials will not be mixed or stored together at the DRMO. Containers will be segregated by waste type and stored in the appropriate storage bays containing similar waste types. Each bay will have a bermed containment system to prevent mixing of spilled or leaked material or runoff containing waste residues from other storage bays. These isolation techniques minimize or eliminate the chances of unwanted reaction between stored materials.

APPENDIX A
PERMITTED WASTE LISTING

Hazardous Waste Number	Description of Hazardous Waste	Maximum Amount
	D-listed Wastes	
D001	Ignitability (I)	5,000 lb; 650 gal
D002	Corrosivity (C)	10,000 lb; 1,200 gal
D003	Reactivity (R)	1,000 lb
D004(a)	Arsenic (E)	20 lb
D005(a)	Barium (E)	20 lb
D006	Cadmium (E)	1,125 lb; 135 gal
D007	Chromium (E)	3,000 lb; 360 gal
D008	Lead (E)	1,300 lb; 115 gal
D009	Mercury (E)	250 lb
D010(a)	Selenium (E)	20 lb
D011(a)	Silver (E)	20 lb
D012(a)	Endrin (E)	20 lb
D013	Lindane (E)	10 gal
D014(a)	Methoxychlor (E)	10 lb
D015(a)	Toxaphene (E)	10 lb
D016	2,4-D (E)	800 lb
D017(a)	2,4,5-TP (Silvex) (E)	200 lb
D018(a)	Benzene (E)	20 lb
D019(a)	Carbon tetrachloride (E)	20 lb
D020(a)	Chlordane (E)	20 lb
D021(a)	Chlorobenzene (E)	20 lb
D022(a)	Chloroform (E)	20 lb
D023(a)	o-Cresol (E)	20 lb
D024(a)	m-Cresol (E)	20 lb
D025(a)	p-Cresol (E)	20 lb
D026(a)	Cresol (E)	20 lb
D027(a)	1,4-Dichlorobenzene (E)	20 lb
D028(a)	1,2-Dichloroethane (E)	20 lb
D029(a)	1,1-Dichloroethylene (E)	20 lb
D030(a)	2,4-Dinitrotoluene (E)	20 lb
D031(a)	Heptachlor (E)	20 lb
D032(a)	Hexachlorobenzene (E)	20 lb
D033(a)	Hexachlorobutadiene (E)	20 lb
D034(a)	Hexachloroethane (E)	20 lb
D035	Methyl ethyl ketone (E)	1,300 lb; 115 gal
D036(a)	Nitrobenzene (E)	20 lb

Hazardous Waste Number	Description of Hazardous Waste	Maximum Amount
D037(a)	Pentrachlorophenol (E)	20 lb
D038(a)	Pyridine (E)	20 lb
D039(a)	Tetrachloroethylene (E)	20 lb
D040(a)	Trichloroethylene (E)	20 lb
D041(a)	2,4,5-Trichlorophenol (E)	20 lb
D042(a)	2,4,6-Trichlorophenol (E)	20 lb
D043(a)	Vinyl chloride (E)	20 lb

(I) Ignitable, (C) Corrosive, (R) Reactive, (E) Toxicity Characteristic Waste
(a) Denotes an additional capability compared to Cannon's prior Part B waste codes

Hazardous Waste Number	Description of Hazardous Waste	Maximum Amount
	F-Listed Wastes	
F001	Spent halogenated solvents (T)	7,700 lb; 621 gal
F002	Spent halogenated solvents (T)	5,500 lb; 440 gal
F003	Non-halogenated spent solvents (I)	1,125 lb; 160 gal
F004(a)	Non-halogenated spent solvents (T)	100 lb
F005	Non-halogenated spent solvents (I,T)	25,000 lb; 3,570 gal
F006(a)	Wastewater treatment sludges from electroplating (T)	50 lb
F007(a)	Spent cyanide solutions from electroplating (R,T)	1000 lb
F008(a)	Plating bath cyanide residues (R,T)	1000 lb
F009(a)	Spent stripping and cleaning bath solutions from cyanide (R,T)	1000 lb
F027	Discarded chlorophenols (H)	1,000 lb
F039(a)	Percolated Leachate (T)	1000 lb

(I) Ignitable, (R) Reactive, (T) Toxic Waste, (H) Acute Hazardous Waste
(a) Denotes an additional capability compared to Cannon's prior Part B waste codes

The following P-listed wastes are classified as acutely hazardous. The primary hazardous properties of these materials have been indicated by the letter R (reactivity) and T (toxicity). Absence of a letter means the compound is listed only for acute toxicity.

Hazardous Waste Number	Description of Hazardous Waste	Maximum Amount
	P-Listed Wastes	
P023(a)	Acetaldehyde, chloro-	15 lb
P002(a)	Acetamide, N-(aminothioxomethyl)-	15 lb
P057(a)	Acetamide, 2-fluoro-	15 lb
P058(a)	Acetic acid, fluoro-, sodium salt	15 lb
P002(a)	1-Acetyl-2-thiourea	15 lb
P003(a)	Acrolein	15 lb
P070(a)	Aldicarb	15 lb
P004(a)	Aldrin	15 lb
P005(a)	Allyl alcohol	15 lb
P006(a)	Aluminum phosphide (R,T)	15 lb
P007(a)	5-(Aminomethyl)-3-isoxazolol	15 lb
P008(a)	4-Aminopyridine	15 lb
P009(a)	Ammonium picrate (R)	15 lb
P119(a)	Ammonium vanadate	15 lb
P099(a)	Argentate(1-), bis(cyano-C)-, potassium	15 lb
P010(a)	Arsenic acid H3AsO4	15 lb
P012(a)	Arsenic oxide As2O3	15 lb
P011(a)	Arsenic oxide As2O5	15 lb
P011(a)	Arsenic pentoxide	15 lb
P012(a)	Arsenic trioxide	15 lb
P038(a)	Arsine, diethyl-	15 lb
P036(a)	Arsonous dichloride, phenyl-	15 lb
P054(a)	Aziridine	15 lb
P067(a)	Aziridine, 2-methyl-	15 lb
P013(a)	Barium cyanide	15 lb
P024(a)	Benzenamine, 4-chloro-	15 lb
P077(a)	Benzenamine, 4-nitro-	15 lb
P028(a)	Benzene, (chloromethyl)-	15 lb
P042(a)	1,2-Benzenediol, 4-[1-hydroxy-2-(methylamino)ethyl]-, (R)-	15 lb
P046(a)	Benzeneethanamine, alpha,alpha-dimethyl-	15 lb
P014(a)	Benzenethiol	15 lb
P001(a)	2H-1-Benzopyran-2-one, 4-hydroxy-3-(3-oxo-1 -phenylbutyl)-, & salts, when present at concentrations greater than 0.3%	15 lb

Hazardous Waste Number	Description of Hazardous Waste	Maximum Amount
P028(a)	Benzyl chloride	15 lb
P015(a)	Beryllium powder	15 lb
P017(a)	Bromoacetone	15 lb
P018(a)	Brucine	15 lb
P045(a)	2-Butanone, 3,3-dimethyl-1-(methylthio)-, ...O-[methylamino)carbonyl] oxime	15 lb
P021(a)	Calcium cyanide	15 lb
P021(a)	Calcium cyanide Ca(CN)2	15 lb
P022(a)	Carbon disulfide	15 lb
P095(a)	Carbonic dichloride	15 lb
P023(a)	Chloroacetaldehyde	15 lb
P024(a)	p-Chloroaniline	15 lb
P026(a)	1-(o-Chlorophenyl)thiourea	15 lb
P027(a)	3-Chloropropionitrile	15 lb
P029(a)	Copper cyanide	15 lb
P029(a)	Copper cyanide Cu(CN)	15 lb
P030(a)	Cyanides (soluble cyanide salts), not otherwise specified	15 lb
P031(a)	Cyanogen	15 lb
P033(a)	Cyanogen chloride	15 lb
P033(a)	Cyanogen chloride (CN)Cl	15 lb
P034(a)	2-Cyclohexyl-4,6-dinitrophenol	15 lb
P016(a)	Dichloromethyl ether	15 lb
P036(a)	Dichlorophenylarsine	15 lb
P037(a)	Dieldrin	15 lb
P038(a)	Diethylarsine	15 lb
P041(a)	Diethyl-p-nitrophenyl phosphate	15 lb
P040(a)	O,O-Diethyl O-pyrazinyl phosphorothioate	15 lb
P043(a)	Diisopropylfluorophosphate (DFP)	15 lb
P004(a)	1,4,5,8-Dimethanonaphthalene, 1,2,3,4,10,10-hexa-chloro-1,4,4a,5,8,8a,-hexahydro-, (1alpha,4alpha,4abeta,5alpha,8alpha,8abeta)	15 lb
P060(a)	1,4,5,8-Dimethanonaphthalene, 1,2,3,4,10,10-hexa-chloro-1,4,4a,5,8,8a-hexahydro-, (1alpha,4alpha,4abeta,5beta,8beta,8abeta)	15 lb

Hazardous Waste Number	Description of Hazardous Waste	Maximum Amount
P037(a)	2,7:3,6-Dimethanonaphth [2,3-b]oxirene, 3,4,5,6,9,9-hexachloro-1a,2,2a,3,6,6a,7,7a-octahydro-, (1aalpha,2beta,2aalpha,3beta,6beta,6aalpha, 7beta, 7aalpha)-	15 lb
P051(a)	2,7:3,6-Dimethanonaphth [2,3-b]oxirene, 3,4,5,6,9,9-hexachloro-1a,2,2a,3,6,6a,7,7a-octahydro-, (1aalpha,2beta,2abeta,3alpha,6alpha,6abeta, 7beta,7aalpha)-, & metabolites	15 lb
P044(a)	Dimethoate	15 lb
P046(a)	alpha,alpha-Dimethylphenethylamine	15 lb
P047(a)	4,6-Dinitro-o-cresol, & salts	15 lb
P048(a)	2,4-Dinitrophenol	15 lb
P020(a)	Dinoseb	15 lb
P085(a)	Diphosphoramide, octamethyl-	15 lb
P111(a)	Diphosphoric acid, tetraethyl ester	15 lb
P039(a)	Disulfoton	15 lb
P049(a)	Dithiobiuret	15 lb
P050(a)	Endosulfan	15 lb
P088(a)	Endothall	15 lb
P051(a)	Endrin	15 lb
P051(a)	Endrin, & metabolites	15 lb
P042	Epinephrine	10 gal
P031(a)	Ethanedinitrile	15 lb
P066(a)	Ethanimidothioic acid,...N-[[(methylamino)carbonyl]oxy]-, methyl ester	15 lb
P101(a)	Ethyl cyanide	15 lb
P054(a)	Ethyleneimine	15 lb
P097(a)	Famphur	15 lb
P056(a)	Fluorine	15 lb
P057(a)	Fluoroacetamide	15 lb
P058(a)	Fluoroacetic acid, sodium salt	15 lb
P065(a)	Fulminic acid, mercury(2+) salt (R,T)	15 lb
P059(a)	Heptachlor	15 lb
P062(a)	Hexaethyl tetraphosphate	15 lb
P116(a)	Hydrazinecarbothioamide	15 lb
P068(a)	Hydrazine, methyl-	15 lb

Hazardous Waste Number	Description of Hazardous Waste	Maximum Amount
P063(a)	Hydrocyanic acid	15 lb
P063(a)	Hydrogen cyanide	15 lb
P096(a)	Hydrogen phosphide	15 lb
P060(a)	Isodrin	15 lb
P007(a)	3(2H)-Isoxazolone, 5-(aminomethyl)-	15 lb
P092(a)	Mercury, (acetato-O)phenyl-	15 lb
P065(a)	Mercury fulminate (R,T)	15 lb
P082(a)	Methanamine, N-methyl-N-nitroso-	15 lb
P064(a)	Methane, isocyanato-	15 lb
P016(a)	Methane, oxybis[chloro-	15 lb
P112(a)	Methane, tetranitro-(R)	15 lb
P118(a)	Methanethiol, trichloro-	15 lb
P050(a)	6,9-Methano-2,4,3-benzodioxathiepin, 6,7,8,9,10,10-hexachloro-1,5,5a,6,9,9a-hexahydro-, 3-oxide	15 lb
P059(a)	4,7-Methano-1H-indene, 1,4,5,6,7,8,8-heptachloro-3a,4,7,7a-tetrahydro-	15 lb
P066(a)	Methomyl	15 lb
P068(a)	Methyl hydrazine	15 lb
P064(a)	Methyl isocyanate	15 lb
P069(a)	2-Methyllactonitrile	15 lb
P071(a)	Methyl parathion	15 lb
P072(a)	alpha-Naphthylthiourea	15 lb
P073(a)	Nickel carbonyl	15 lb
P073(a)	Nickel carbonyl Ni(CO)4, (T-4)-	15 lb
P074(a)	Nickel cyanide	15 lb
P074(a)	Nickel cynaide Ni(CN)2	15 lb
P075(a)	Nicotine, & salts	15 lb
P076(a)	Nitric oxide	15 lb
P077(a)	p-Nitroaniline	15 lb
P078(a)	Nitrogen dioxide	15 lb
P076(a)	Nitrogen oxide NO	15 lb
P078(a)	Nitrogen oxide NO2	15 lb
P081(a)	Nitroglycerine (R)	15 lb
P082(a)	N-Nitrosodimethylamine	15 lb
P084(a)	N-Nitrosomethylvinylamine	15 lb
P085(a)	Octamethylpyrophosphoramide	15 lb
P087(a)	Osmium oxide OsO4, (T-4)-	15 lb
P087(a)	Osmium tetroxide	15 lb

Hazardous Waste Number	Description of Hazardous Waste	Maximum Amount
P088(a)	7-Oxabicyclo[2.2.1]heptane-2,3-dicarboxylic acid	15 lb
P089(a)	Parathion	15 lb
P034(a)	Phenol, 2-cyclohexyl-4,6-dinitro-	15 lb
P048(a)	Phenol, 2,4-dinitro-	15 lb
P047(a)	Phenol, 2-methyl-4,6-dinitro-, & salts	15 lb
P020(a)	Phenol, 2-(1-methylpropyl)-4,6-dinitro-	15 lb
P009(a)	Phenol, 2,4,6-trinitro-, ammonium salt (R)	15 lb
P092(a)	Phenylmercury acetate	15 lb
P093(a)	Phenylthiourea	15 lb
P094(a)	Phorate	15 lb
P095(a)	Phosgene	15 lb
P096(a)	Phosphine	15 lb
P041(a)	Phosphoric acid, diethyl 4-nitrophenyl ester	15 lb
P039(a)	Phosphorodithioic acid, O,O-diethyl...S- [2-(ethylthio)ethyl] ester	15 lb
P094(a)	Phosphorodithioic acid, O,O-diethyl...S-[(ethylthio)methyl] ester	15 lb
P044(a)	Phosphorodithioic acid, O,O-dimethyl S-[2-(methylamino)-2-oxoethyl] ester	15 lb
P043(a)	Phosphorofluoridic acid, bis(1-methylethyl) ester	15 lb
P089(a)	Phosphorothioic acid, O,O-diethyl O-(4-nitrophenyl) ester	15 lb
P040(a)	Phosphorothioic acid, O,O-diethyl O-pyrazinyl ester	15 lb
P097(a)	Phosphorothioic acid,...O-[4-[(dimethylami-no)sulfonyl]phenyl] O,O-dimethyl ester	15 lb
P071(a)	Phosphorothioic acid, O,O,-dimethyl O-(4-nitrophenyl) ester	15 lb
P110(a)	Plumbane, tetraethyl-	15 lb
P098(a)	Potassium cyanide	15 lb
P098(a)	Potassium cyanide K(CN)	15 lb
P099(a)	Potassium silver cyanide	15 lb
P070(a)	Propanal, 2-methyl-2-(methylthio)-, O-[(methylami- no)carbonyl]oxime	15 lb
P101(a)	Propanenitrile	15 lb
P027(a)	Propanenitrile, 3-chloro-	15 lb
P069(a)	Propanenitrile, 2-hydroxy-2-methyl-	15 lb

Hazardous Waste Number	Description of Hazardous Waste	Maximum Amount
P081(a)	1,2,3-Propanetriol, trinitrate (R)	15 lb
P017(a)	2-Propanone, 1-bromo-	15 lb
P102(a)	Propargyl alcohol	15 lb
P003(a)	2-Propenal	15 lb
P005(a)	2-Propen-1-ol	15 lb
P067(a)	1,2-Propylenimine	15 lb
P102(a)	2-Propyn-1-ol	15 lb
P008(a)	4-Pyridinamine	15 lb
P075(a)	Pyridine, 3-(1-methyl-2-pyrrolidinyl)-, (S)-, & salts	15 lb
P114(a)	Selenious acid, dithallium(1+) salt	15 lb
P103(a)	Selenourea	15 lb
P104(a)	Silver cyanide	15 lb
P104(a)	Silver cyanide Ag(CN)	15 lb
P105(a)	Sodium azide	15 lb
P106(a)	Sodium cyanide	15 lb
P106(a)	Sodium cyanide Na(CN)	15 lb
P108(a)	Strychnidin-10-one, & salts	15 lb
P018(a)	Strychnidin-10-one, 2,3-dimethoxy-	15 lb
P108(a)	Strychnine, & salts	15 lb
P115(a)	Sulfuric acid, dithallium(1+) salt	15 lb
P109(a)	Tetraethyldithiopyrophosphate	15 lb
P110(a)	Tetraethyl lead	15 lb
P111(a)	Tetraethyl pyrophosphate	15 lb
P112(a)	Tetranitromethane (R)	15 lb
P062(a)	Tetraphosphoric acid, hexaethyl ester	15 lb
P113(a)	Thallic oxide	15 lb
P113(a)	Thallium oxide Tl2O3	15 lb
P114(a)	Thallium(I) selenite	15 lb
P115(a)	Thallium(I) sulfate	15 lb
P109(a)	Thiodiphosphoric acid, tetraethyl ester	15 lb
P045(a)	Thiofanox	15 lb
P049(a)	Thioimidodicarbonic diamide [(H2N)C(S)]2NH	15 lb
P014(a)	Thiophenol	15 lb
P116(a)	Thiosemicarbazide	15 lb
P026(a)	Thiourea, (2-chlorophenyl)-	15 lb
P072(a)	Thiourea, 1-naphthalenyl-	15 lb
P093(a)	Thiourea, phenyl-	15 lb

Hazardous Waste Number	Description of Hazardous Waste	Maximum Amount
P123(a)	Toxaphene	15 lb
P118(a)	Trichloromethanethiol	15 lb
P119(a)	Vanadic acid, ammonium salt	15 lb
P120(a)	Vanadium oxide V2O5	15 lb
P120(a)	Vanadium pentoxide	15 lb
P084(a)	Vinylamine, N-methyl-N-nitroso-	15 lb
P001(a)	Warfarin, & salts, when present at concentrations greater than 0.3%	15 lb
P121(a)	Zinc cyanide	15 lb
P121(a)	Zinc cyanide Zn(CN)2	15 lb
P122(a)	Zinc phosphide Zn3P2, when present at concentrations greater than 10% (R,T)	15 lb

(R) Reactive, (T) Toxic Waste

(a) Denotes an additional capability compared to Cannon's prior Part B waste codes

The following U-listed wastes are classified as toxic wastes (T), unless otherwise designated. The primary hazardous properties of these materials have been indicated by the letter R (reactivity), I (ignitability), C (corrosivity), and T (toxicity). Absence of a letter means the compound is listed only for toxicity.

Hazardous Waste Number	Description of Hazardous Waste	Maximum Amount
	U-Listed Wastes	
U001(a)	Acetaldehyde (I)	15 lb
U034(a)	Acetaldehyde, trichloro-	15 lb
U187(a)	Acetamide, N-(4-ethoxyphenyl)-	15 lb
U005(a)	Acetamide, N-9H-fluoren-2-yl-	15 lb
U240(a)	Acetic acid, (2,4-dichlorophenoxy)-, salts & esters	15 lb
U112(a)	Acetic acid ethyl ester (I)	15 lb
U144(a)	Acetic acid, lead(2+) salt	15 lb
U214(a)	Acetic acid, thallium(1+) salt	15 lb
U002	Acetone (I)	10 lb; 1.5gal
U003(a)	Acetonitrile (I,T)	15 lb
U004(a)	Acetophenone	15 lb
U005(a)	2-Acetylaminofluorene	15 lb
U006(a)	Acetyl chloride (C,R,T)	15 lb
U007(a)	Acrylamide	15 lb
U008(a)	Acrylic acid (I)	15 lb
U009(a)	Acrylonitrile	15 lb
U011(a)	Amitrole	15 lb
U012(a)	Aniline (I,T)	15 lb
U136(a)	Arsinic acid, dimethyl-	15 lb
U014(a)	Auramine	15 lb
U015(a)	Azaserine	15 lb
U010(a)	Azirino[2',3':3,4]pyrrolo [1,2-a]indole-4,7-dione, 6-amino-8-[[(aminocarbonyl)oxy]methyl]-1,1a,2,8,8a,8b-hexahydro-8a-methoxy-5-methyl-, [1aS-(1aalpha, 8beta,8aalpha,8balpha)]-	15 lb
U157(a)	Benz[j]aceanthrylene, 1,2-dihydro-3-methyl-	15 lb
U016(a)	Benz[c]acridine	15 lb
U017(a)	Benzal chloride	15 lb
U192(a)	Benzamide, 3,5-dichloro-N-(1,1-dimethyl-2-propynyl)-	15 lb
U018(a)	Benz[a]anthracene	15 lb

Hazardous Waste Number	Description of Hazardous Waste	Maximum Amount
U094(a)	Benz[a]anthracene, 7,12-dimethyl-	15 lb
U012(a)	Benzenamine (I,T)	15 lb
U014(a)	Benzenamine, 4,4'-carbonimidoylbis [N,N-dimethyl-	15 lb
U049(a)	Benzenamine, 4-chloro-2-methyl-, hydrochloride	15 lb
U093(a)	Benzenamine, N,N-dimethyl-4-(phenylazo)-	15 lb
U328(a)	Benzenamine, 2-methyl-	15 lb
U353(a)	Benzenamine, 4-methyl-	15 lb
U158(a)	Benzenamine, 4,4'-methylenebis[2-chloro-	15 lb
U222(a)	Benzenamine, 2-methyl-, hydrochloride	15 lb
U181(a)	Benzenamine, 2-methyl-5-nitro-	15 lb
U019(a)	Benzene (I,T)	15 lb
U038(a)	Benzeneacetic acid, 4-chloro-alpha-(4-chlorophenyl)-alpha-hydroxy-, ethyl ester	15 lb
U030(a)	Benzene, 1-bromo-4-phenoxy-	15 lb
U035(a)	Benzenebutanoic acid, 4-[bis(2-chloroethyl)amino]-	15 lb
U037(a)	Benzene, chloro-	15 lb
U221(a)	Benzenediamine, ar-methyl-	15 lb
U028(a)	1,2-Benzenedicarboxylic acid, bis(2-ethylhexyl) ester	15 lb
U069(a)	1,2-Benzenedicarboxylic acid, dibutyl ester	15 lb
U088(a)	1,2-Benzenedicarboxylic acid, diethyl ester	15 lb
U102(a)	1,2-Benzenedicarboxylic acid, dimethyl ester	15 lb
U107 (a)	1,2-Benzenedicarboxylic acid, dioctyl ester	15 lb
U070(a)	Benzene, 1,2-dichloro-	15 lb
U071(a)	Benzene, 1,3-dichloro-	15 lb
U072(a)	Benzene, 1,4-dichloro-	15 lb
U060(a)	Benzene, 1,1'-(2,2-dichloroethylidene)bis [4-chloro-	15 lb
U017(a)	Benzene, (dichloromethyl)-	15 lb
U223(a)	Benzene, 1,3-diisocyanatomethyl-(R,T)	15 lb
U239(a)	Benzene, dimethyl-(I,T)	15 lb
U201(a)	1,3-Benzenediol	15 lb
U127(a)	Benzene, hexachloro-	15 lb
U056(a)	Benzene, hexahydro-(I)	15 lb
U220(a)	Benzene, methyl-	15 lb
U105(a)	Benzene, 1-methyl-2,4-dinitro-	15 lb

Hazardous Waste Number	Description of Hazardous Waste	Maximum Amount
U106(a)	Benzene, 2-methyl-1,3-dinitro-	15 lb
U055(a)	Benzene, (1-methylethyl)-(I)	15 lb
U169(a)	Benzene, nitro-	15 lb
U183(a)	Benzene, pentachloro-	15 lb
U185(a)	Benzene, pentachloronitro-	15 lb
U020(a)	Benzenesulfonic acid chloride (C,R)	15 lb
U020(a)	Benzenesulfonyl chloride (C,R)	15 lb
U207(a)	Benzene, 1,2,4,5-tetrachloro-	15 lb
U061(a)	Benzene, 1,1'-(2,2,2-trichloroethylidene)bis [4-chloro-	15 lb
U247(a)	Benzene, 1,1'-(2,2,2-trichloroethylidene)bis [4-methoxy-	15 lb
U023(a)	Benzene, (trichloromethyl)-	15 lb
U234(a)	Benzene, 1,3,5-trinitro-	15 lb
U021(a)	Benzidine	15 lb
U202(a)	1,2-Benzisothiazol-3(2H)-one, 1,1-dioxide, & salts	15 lb
U203(a)	1,3-Benzodioxole, 5-(2-propenyl)-	15 lb
U141(a)	1,3-Benzodioxole, 5-(1-propenyl)-	15 lb
U090(a)	1,3-Benzodioxole, 5-propyl-	15 lb
U064(a)	Benzo[rst]pentaphene	15 lb
U248(a)	2H-1-Benzopyran-2-one, 4-hydroxy-3-(3-oxo-1-phenyl-butyl)-, & salts, when present at concentrations of 0.3% or less	15 lb
U022(a)	Benzo[a]pyrene	15 lb
U197(a)	p-Benzoquinone	15 lb
U023(a)	Benzotrichloride (C,R,T)	15 lb
U085(a)	2,2'-Bioxirane	15 lb
U021(a)	[1,1'-Biphenyl]-4,4'-diamine	15 lb
U073(a)	[1,1'-Biphenyl]-4,4'-diamine, 3,3'-dichloro-	15 lb
U091(a)	[1,1'-Biphenyl]-4,4'-diamine, 3,3'-dimethoxy-	15 lb
U095(a)	[1,1'-Biphenyl]-4,4'-diamine, 3,3'-dimethyl-	15 lb
U225(a)	Bromoform	15 lb
U030(a)	4-Bromophenyl phenyl ether	15 lb
U128(a)	1,3-Butadiene, 1,1,2,3,4,4-hexachloro-	15 lb
U172(a)	1-Butanamine, N-butyl-N-nitroso-	15 lb
U031(a)	1-Butanol (I)	15 lb
U159(a)	2-Butanone (I,T)	15 lb
U160(a)	2-Butanone, peroxide (R,T)	15 lb

Hazardous Waste Number	Description of Hazardous Waste	Maximum Amount
U053(a)	2-Butenal	15 lb
U074(a)	2-Butene, 1,4-dichloro-(I,T)	15 lb
U143(a)	2-Butenoic acid, 2-methyl-, 7-[[2,3-dihydroxy-...2-(1-methoxyethyl)-3-methyl-1-oxobutoxy]methyl]-...2,3,5,7a-tetrahydro-1H-pyrrolizin-1-yl ester,...[1S-[1alpha(Z),7(2S*,3R*),7aalpha]]-	15 lb
U031(a)	n-Butyl alcohol (I)	15 lb
U136(a)	Cacodylic acid	15 lb
U032(a)	Calcium chromate	15 lb
U238(a)	Carbamic acid, ethyl ester	15 lb
U178(a)	Carbamic acid, methylnitroso-, ethyl ester	15 lb
U097(a)	Carbamic chloride, dimethyl-	15 lb
U114(a)	Carbamodithioic acid, 1,2-ethanediylbis-,...salts & esters	15 lb
U062 (a)	Carbamothioic acid, bis(1-methylethyl)-, S-(2,3-dichloro-2-propenyl) ester	15 lb
U215(a)	Carbonic acid, dithallium(1+) salt	15 lb
U033(a)	Carbonic difluoride	15 lb
U156(a)	Carbonochloridic acid, methyl ester (I,T)	15 lb
U033(a)	Carbon oxyfluoride (R,T)	15 lb
U211(a)	Carbon tetrachloride	15 lb
U034(a)	Chloral	15 lb
U035(a)	Chlorambucil	15 lb
U036(a)	Chlordane, alpha & gamma isomers	15 lb
U026(a)	Chlornaphazin	15 lb
U037(a)	Chlorobenzene	15 lb
U038(a)	Chlorobenzilate	15 lb
U039(a)	p-Chloro-m-cresol	15 lb
U042(a)	2-Chloroethyl vinyl ether	15 lb
U044(a)	Chloroform	15 lb
U046(a)	Chloromethyl methyl ether	15 lb
U047(a)	beta-Chloronaphthalene	15 lb
U048(a)	o-Chlorophenol	15 lb
U049(a)	4-Chloro-o-toluidine, hydrochloride	15 lb
U032(a)	Chromic acid H2CrO4, calcium salt	15 lb
U050(a)	Chrysene	15 lb
U051(a)	Creosote	15 lb
U052(a)	Cresol (Cresylic acid)	15 lb
U053(a)	Crotonaldehyde	15 lb

Hazardous Waste Number	Description of Hazardous Waste	Maximum Amount
U055(a)	Cumene (I)	15 lb
U246(a)	Cyanogen bromide (CN)Br	15 lb
U197(a)	2,5-Cyclohexadiene-1,4-dione	15 lb
U056(a)	Cyclohexane (I)	15 lb
U129(a)	Cyclohexane, 1,2,3,4,5,6-hexachloro-,.(1alpha,2alpha,3beta,4alpha,5alpha,6beta)-	15 lb
U057(a)	Cyclohexanone (I)	15 lb
U130(a)	1,3-Cyclopentadiene, 1,2,3,4,5,5-hexachloro-	15 lb
U058(a)	Cyclophosphamide	15 lb
U240(a)	2,4-D, salts & esters	15 lb
U059(a)	Daunomycin	15 lb
U060(a)	DDD	15 lb
U061(a)	DDT	15 lb
U062(a)	Diallate	15 lb
U063(a)	Dibenz[a,h]anthracene	15 lb
U064(a)	Dibenzo[a,i]pyrene	15 lb
U066(a)	1,2-Dibromo-3-chloropropane	15 lb
U069(a)	Dibutyl phthalate	15 lb
U070(a)	o-Dichlorobenzene	15 lb
U071(a)	m-Dichlorobenzene	15 lb
U072(a)	p-Dichlorobenzene	15 lb
U073(a)	3,3'-Dichlorobenzidine	15 lb
U074(a)	1,4-Dichloro-2-butene (I,T)	15 lb
U075(a)	Dichlorodifluoromethane	15 lb
U078(a)	1,1-Dichloroethylene	15 lb
U079(a)	1,2-Dichloroethylene	15 lb
U025(a)	Dichloroethyl ether	15 lb
U027 (a)	Dichloroisopropyl ether	15 lb
U024(a)	Dichloromethoxy ethane	15 lb
U081(a)	2,4-Dichlorophenol	15 lb
U082(a)	2,6-Dichlorophenol	15 lb
U084(a)	1,3-Dichloropropene	15 lb
U085(a)	1,2:3,4-Diepoxybutane (I,T)	15 lb
U108(a)	1,4-Diethyleneoxide	15 lb
U028(a)	Diethylhexyl phthalate	15 lb
U086(a)	N,N'-Diethylhydrazine	15 lb
U087(a)	O,O-Diethyl S-methyl dithiophosphate	15 lb
U088(a)	Diethyl phthalate	15 lb

Hazardous Waste Number	Description of Hazardous Waste	Maximum Amount
U089(a)	Diethylstilbesterol	15 lb
U090(a)	Dihydrosafrole	15 lb
U091(a)	3,3'-Dimethoxybenzidine	15 lb
U092(a)	Dimethylamine (I)	15 lb
U093(a)	p-Dimethylaminoazobenzene	15 lb
U094(a)	7,12-Dimethylbenz[a]anthracene	15 lb
U095(a)	3,3'-Dimethylbenzidine	15 lb
U096(a)	alpha,alpha-Dimethylbenzylhydroperoxide (R)	15 lb
U097(a)	Dimethylcarbamoyl chloride	15 lb
U098(a)	1,1-Dimethylhydrazine	15 lb
U099(a)	1,2-Dimethylhydrazine	15 lb
U101(a)	2,4-Dimethylphenol	15 lb
U102(a)	Dimethyl phthalate	15 lb
U103(a)	Dimethyl sulfate	15 lb
U105(a)	2,4-Dinitrotoluene	15 lb
U106(a)	2,6-Dinitrotoluene	15 lb
U107(a)	Di-n-octyl phthalate	15 lb
U108(a)	1,4-Dioxane	15 lb
U109(a)	1,2-Diphenylhydrazine	15 lb
U110(a)	Dipropylamine (I)	15 lb
U111(a)	Di-n-propylnitrosamine	15 lb
U041(a)	Epichlorohydrin	15 lb
U001(a)	Ethanal (I)	15 lb
U174(a)	Ethanamine, N-ethyl-N-nitroso-	15 lb
U155(a)	1,2-Ethanediamine, N,N-dimethyl-N'-2-pyridinyl-N'-(2-thienylmethyl)-	15 lb
U067(a)	Ethane, 1,2-dibromo-	15 lb
U076(a)	Ethane, 1,1-dichloro-	15 lb
U077(a)	Ethane, 1,2-dichloro-	15 lb
U131(a)	Ethane, hexachloro-	15 lb
U024(a)	Ethane, 1,1'-[methylenebis(oxy)]bis[2-chloro-	15 lb
U117(a)	Ethane, 1,1'-oxybis-(I)	15 lb
U025(a)	Ethane, 1,1'-oxybis[2-chloro-	15 lb
U184(a)	Ethane, pentachloro-	15 lb
U208(a)	Ethane, 1,1,1,2-tetrachloro-	15 lb
U209(a)	Ethane, 1,1,2,2-tetrachloro-	15 lb
U218(a)	Ethanethioamide	15 lb

Hazardous Waste Number	Description of Hazardous Waste	Maximum Amount
U226(a)	Ethane, 1,1,1-trichloro-	15 lb
U227(a)	Ethane, 1,1,2-trichloro-	15 lb
U359(a)	Ethanol, 2-ethoxy-	15 lb
U173(a)	Ethanol, 2,2'-(nitrosoimino)bis-	15 lb
U004(a)	Ethanone, 1-phenyl-	15 lb
U043(a)	Ethene, chloro-	15 lb
U042(a)	Ethene, (2-chloroethoxy)-	15 lb
U078(a)	Ethene, 1,1-dichloro-	15 lb
U079(a)	Ethene, 1,2-dichloro-, (E)-	15 lb
U210(a)	Ethene, tetrachloro-	15 lb
U228(a)	Ethene, trichloro-	15 lb
U112(a)	Ethyl acetate (I)	15 lb
U113(a)	Ethyl acrylate (I)	15 lb
U238(a)	Ethyl carbamate (urethane)	15 lb
U117(a)	Ethyl ether (I)	15 lb
U114(a)	Ethylenebisdithiocarbamic acid, salts & esters	15 lb
U067(a)	Ethylene dibromide	15 lb
U077(a)	Ethylene dichloride	15 lb
U359(a)	Ethylene glycol monoethyl ether	15 lb
U115(a)	Ethylene oxide (I,T)	15 lb
U116(a)	Ethylenethiourea	15 lb
U076(a)	Ethylidene dichloride	15 lb
U118(a)	Ethyl methacrylate	15 lb
U119(a)	Ethyl methanesulfonate	15 lb
U120(a)	Fluoranthene	15 lb
U122	Formaldehyde	10 gal
U123(a)	Formic acid (C,T)	15 lb
U124(a)	Furan (I)	15 lb
U125(a)	2-Furancarboxaldehyde (I)	15 lb
U147(a)	2,5-Furandione	15 lb
U213(a)	Furan, tetrahydro-(I)	15 lb
U125(a)	Furfural (I)	15 lb
U124(a)	Furfuran (I)	15 lb
U206(a)	Glucopyranose, 2-deoxy-2-(3-methyl-3-nitrosoureido)-, D-	15 lb
U206(a)	D-Glucose, 2-deoxy-2-[[(methylnitrosoamino)-...carbon-yl]amino]-	15 lb
U126(a)	Glycidylaldehyde	15 lb

Hazardous Waste Number	Description of Hazardous Waste	Maximum Amount
U163(a)	Guanidine, N-methyl-N'-nitro-N-nitroso-	15 lb
U127(a)	Hexachlorobenzene	15 lb
U128(a)	Hexachlorobutadiene	15 lb
U130(a)	Hexachlorocyclopentadiene	15 lb
U131(a)	Hexachloroethane	15 lb
U132(a)	Hexachlorophene	15 lb
U243(a)	Hexachloropropene	15 lb
U133(a)	Hydrazine (R,T)	15 lb
U086(a)	Hydrazine, 1,2-diethyl-	15 lb
U098(a)	Hydrazine, 1,1-dimethyl-	15 lb
U099(a)	Hydrazine, 1,2-dimethyl-	15 lb
U109(a)	Hydrazine, 1,2-diphenyl-	15 lb
U134(a)	Hydrofluoric acid (C,T)	15 lb
U134(a)	Hydrogen fluoride (C,T)	15 lb
U135(a)	Hydrogen sulfide	15 lb
U135(a)	Hydrogen sulfide H 2S	15 lb
U096(a)	Hydroperoxide, 1-methyl-1-phenylethyl-(R)	15 lb
U116(a)	2-Imidazolidinethione	15 lb
U137(a)	Indeno[1,2,3-cd]pyrene	15 lb
U190(a)	1,3-Isobenzofurandione	15 lb
U140(a)	Isobutyl alcohol (I,T)	15 lb
U141(a)	Isosafrole	15 lb
U142(a)	Kepone	15 lb
U143(a)	Lasiocarpine	15 lb
U144(a)	Lead acetate	15 lb
U146(a)	Lead, bis(acetato-O)tetrahydroxytri-	15 lb
U145(a)	Lead phosphate	15 lb
U146(a)	Lead subacetate	15 lb
U129(a)	Lindane	15 lb
U163(a)	MNNG	15 lb
U147(a)	Maleic anhydride	15 lb
U148(a)	Maleic hydrazide	15 lb
U149(a)	Malononitrile	15 lb
U150(a)	Melphalan	15 lb
U151	Mercury	100 lb
U152(a)	Methacrylonitrile (I, T)	15 lb
U092(a)	Methanamine, N-methyl-(I)	15 lb
U029(a)	Methane, bromo-	15 lb
U045(a)	Methane, chloro-(I, T)	15 lb

Hazardous Waste Number	Description of Hazardous Waste	Maximum Amount
U046(a)	Methane, chloromethoxy-	15 lb
U068(a)	Methane, dibromo-	15 lb
U080(a)	Methane, dichloro-	15 lb
U075(a)	Methane, dichlorodifluoro-	15 lb
U138(a)	Methane, iodo-	15 lb
U119(a)	Methanesulfonic acid, ethyl ester	15 lb
U211(a)	Methane, tetrachloro-	15 lb
U153(a)	Methanethiol (I, T)	15 lb
U225(a)	Methane, tribromo-	15 lb
U044(a)	Methane, trichloro-	15 lb
U121(a)	Methane, trichlorofluoro-	15 lb
U036(a)	4,7-Methano-1H-indene, 1,2,4,5,6,7,8,8-octachloro-2,3,3a,4,7,7a-hexahydro-	15 lb
U154	Methanol (I)	10 lb; 1.5 gal
U155(a)	Methapyrilene	15 lb
U142(a)	1,3,4-Metheno-2H-cyclobuta [cd]pentalen-2-one, 1,1a,3,3a,4,5,5,5a,5b,6-decachlorooctahydro-	15 lb
U247(a)	Methoxychlor	15 lb
U154	Methyl alcohol (I)	10 lb; 1.5 gal
U029(a)	Methyl bromide	15 lb
U186(a)	1-Methylbutadiene (I)	15 lb
U045(a)	Methyl chloride (I,T)	15 lb
U156(a)	Methyl chlorocarbonate (I,T)	15 lb
U226(a)	Methyl chloroform	15 lb
U157(a)	3-Methylcholanthrene	15 lb
U158(a)	4,4'-Methylenebis(2-chloroaniline)	15 lb
U068(a)	Methylene bromide	15 lb
U080(a)	Methylene chloride	15 lb
U159	Methyl ethyl ketone (MEK) (I,T)	10 lb; 1.5 gal
U160(a)	Methyl ethyl ketone peroxide (R,T)	15 lb
U138(a)	Methyl iodide	15 lb
U161(a)	Methyl isobutyl ketone (I)	15 lb
U162(a)	Methyl methacrylate (I,T)	15 lb
U161(a)	4-Methyl-2-pentanone (I)	15 lb
U164(a)	Methylthiouracil	15 lb
U010(a)	Mitomycin C	15 lb

Hazardous Waste Number	Description of Hazardous Waste	Maximum Amount
U059(a)	5,12-Naphthacenedione, 8-acetyl-10-[(3-amino-2,3,6-tride-oxy)-alpha-L-lyxo-hexopyranosyl)oxy]-7,8,9,10-tetrahydro-6 ,8,11-trihydroxy-1-methoxy-, (8S-cis)-	15 lb
U167(a)	1-Naphthalenamine	15 lb
U168(a)	2-Naphthalenamine	15 lb
U026(a)	Naphthalenamine, N,N'-bis(2-chloroethyl)-	15 lb
U165(a)	Naphthalene	15 lb
U047(a)	Naphthalene, 2-chloro-	15 lb
U166(a)	1,4-Naphthalenedione	15 lb
U236(a)	2,7-Naphthalenedisulfonic acid, 3,3'-[(3,3'-dimethyl [1,1'-biphenyl]-4,4'-diyl)bis(azo)bis[5-amino-4-hydroxy]-, tetrasodium salt	15 lb
U166(a)	1,4-Naphthoquinone	15 lb
U167(a)	alpha-Naphthylamine	15 lb
U168(a)	beta-Naphthylamine	15 lb
U217(a)	Nitric acid, thallium(1+) salt	15 lb
U169(a)	Nitrobenzene (I,T)	15 lb
U170(a)	p-Nitrophenol	15 lb
U171(a)	2-Nitropropane (I,T)	15 lb
U172(a)	N-Nitrosodi-n-butylamine	15 lb
U173(a)	N-Nitrosodiethanolamine	15 lb
U174(a)	N-Nitrosodiethylamine	15 lb
U176(a)	N-Nitroso-N-ethylurea	15 lb
U177(a)	N-Nitroso-N-methylurea	15 lb
U178(a)	N-Nitroso-N-methylurethane	15 lb
U179(a)	N-Nitrosopiperidine	15 lb
U180(a)	N-Nitrosopyrrolidine	15 lb
U181(a)	5-Nitro-o-toluidine	15 lb
U193(a)	1,2-Oxathiolane, 2,2-dioxide	15 lb
U058(a)	2H-1,3,2-Oxazaphosphorin-2-amine,...N,N-bis(2-chloroethyl)te trahydro-, 2-oxide	15 lb
U115(a)	Oxirane (I,T)	15 lb
U126(a)	Oxiranecarboxyaldehyde	15 lb
U041(a)	Oxirane, (chloromethyl)-	15 lb
U182(a)	Paraldehyde	15 lb
U183(a)	Pentachlorobenzene	15 lb

Hazardous Waste Number	Description of Hazardous Waste	Maximum Amount
U184(a)	Pentachloroethane	15 lb
U185(a)	Pentachloronitrobenzene (PCNB)	15 lb
U161(a)	Pentanol, 4-methyl-	15 lb
U186(a)	1,3-Pentadiene (I)	15 lb
U187(a)	Phenacetin	15 lb
U188	Phenol	10 gal
U048(a)	Phenol, 2-chloro-	15 lb
U039(a)	Phenol, 4-chloro-3-methyl-	15 lb
U081(a)	Phenol, 2,4-dichloro-	15 lb
U082(a)	Phenol, 2,6-dichloro-	15 lb
U089(a)	Phenol, 4,4'-(1,2-diethyl-1,2-ethenediyl)bis-, (E)-	15 lb
U101(a)	Phenol, 2,4-dimethyl-	15 lb
U052(a)	Phenol, methyl-	15 lb
U132(a)	Phenol, 2,2'-methylenebis[3,4,6-trichloro-	15 lb
U170(a)	Phenol, 4-nitro-	15 lb
U150(a)	L-Phenylalanine, 4-[bis(2-chloroethyl)amino]-	15 lb
U145(a)	Phosphoric acid, lead(2+) salt (2:3)	15 lb
U087(a)	Phosphorodithioic acid, O,O-diethyl S-methyl ester	15 lb
U189(a)	Phosphorus sulfide (R)	15 lb
U190(a)	Phthalic anhydride	15 lb
U191(a)	2-Picoline	15 lb
U179(a)	Piperidine, 1-nitroso-	15 lb
U192(a)	Pronamide	15 lb
U194(a)	1-Propanamine (I,T)	15 lb
U111(a)	1-Propanamine, N-nitroso-N-propyl-	15 lb
U110(a)	1-Propanamine, N-propyl-(I)	15 lb
U066(a)	Propane, 1,2-dibromo-3-chloro-	15 lb
U083(a)	Propane, 1,2-dichloro-	15 lb
U149(a)	Propanedinitrile	15 lb
U171(a)	Propane, 2-nitro-(I,T)	15 lb
U027(a)	Propane, 2,2'-oxybis[2-chloro-	15 lb
U193(a)	1,3-Propane sultone	15 lb
U235(a)	1-Propanol, 2,3-dibromo-, phosphate (3:1)	15 lb
U140(a)	1-Propanol, 2-methyl-(I,T)	15 lb
U002(a)	2-Propanone (I)	15 lb
U007(a)	2-Propenamide	15 lb

Hazardous Waste Number	Description of Hazardous Waste	Maximum Amount
U084(a)	1-Propene, 1,3-dichloro-	15 lb
U243(a)	1-Propene, 1,1,2,3,3,3-hexachloro-	15 lb
U009(a)	2-Propenenitrile	15 lb
U152(a)	2-Propenenitrile, 2-methyl-(I,T)	15 lb
U008(a)	2-Propenoic acid (I)	15 lb
U113(a)	2-Propenoic acid, ethyl ester (I)	15 lb
U118(a)	2-Propenoic acid, 2-methyl-, ethyl ester	15 lb
U162(a)	2-Propenoic acid, 2-methyl-, methyl ester (I,T)	15 lb
U194(a)	n-Propylamine (I,T)	15 lb
U083(a)	Propylene dichloride	15 lb
U148(a)	3,6-Pyridazinedione, 1,2-dihydro-	15 lb
U196(a)	Pyridine	15 lb
U191(a)	Pyridine, 2-methyl-	15 lb
U237(a)	2,4-(1H,3H)-Pyrimidinedione, 5-[bis(2-...chloroethyl)amino]-	15 lb
U164(a)	4(1H)-Pyrimidinone, 2,3-dihydro-6-methyl-2-thioxo-	15 lb
U180(a)	Pyrrolidine, 1-nitroso-	15 lb
U200(a)	Reserpine	15 lb
U201(a)	Resorcinol	15 lb
U202(a)	Saccharin, & salts	15 lb
U203(a)	Safrole	15 lb
U204(a)	Selenious acid	15 lb
U204(a)	Selenium dioxide	15 lb
U205(a)	Selenium sulfide	15 lb
U205(a)	Selenium sulfide SeS2 (R,T)	15 lb
U015(a)	L-Serine, diazoacetate (ester)	15 lb
U206(a)	Streptozotocin	15 lb
U103(a)	Sulfuric acid, dimethyl ester	15 lb
U189(a)	Sulfur phosphide (R)	15 lb
U207(a)	1,2,4,5-Tetrachlorobenzene	15 lb
U208(a)	1,1,1,2-Tetrachloroethane	15 lb
U209(a)	1,1,2,2-Tetrachloroethane	15 lb
U210	Tetrachloroethylene	10 lb; 0.8 gal
U213(a)	Tetrahydrofuran (I)	15 lb
U214(a)	Thallium(I) acetate	15 lb
U215(a)	Thallium(I) carbonate	15 lb
U216(a)	Thallium(I) chloride	15 lb

Hazardous Waste Number	Description of Hazardous Waste	Maximum Amount
U216(a)	Thallium chloride Tlcl	15 lb
U217(a)	Thallium(I) nitrate	15 lb
U218(a)	Thioacetamide	15 lb
U153(a)	Thiomethanol (I,T)	15 lb
U244(a)	Thioperoxydicarbonic diamide [(H2N)C(S)]2S2, tetramethyl-	15 lb
U219(a)	Thiourea	15 lb
U244(a)	Thiram	15 lb
U220	Toluene	10 lb; 1.4 gal
U221(a)	Toluenediamine	15 lb
U223(a)	Toluene diisocyanate (R,T)	15 lb
U328(a)	o-Toluidine	15 lb
U353(a)	p-Toluidine	15 lb
U222(a)	o-Toluidine hydrochloride	15 lb
U011(a)	1H-1,2,4-Triazol-3-amine	15 lb
U227(a)	1,1,2-Trichloroethane	15 lb
U228	Trichloroethylene	10 lb; 0.8 gal
U121(a)	Trichloromonofluoromethane	15 lb
U234(a)	1,3,5-Trinitrobenzene (R,T)	15 lb
U182(a)	1,3,5-Trioxane, 2,4,6-trimethyl-	15 lb
U235(a)	Tris(2,3-dibromopropyl) phosphate	15 lb
U236(a)	Trypan blue	15 lb
U237(a)	Uracil mustard	15 lb
U176(a)	Urea, N-ethyl-N-nitroso-	15 lb
U177(a)	Urea, N-methyl-N-nitroso-	15 lb
U043(a)	Vinyl chloride	15 lb
U248	Warfarin, & salts, when present at concentrations of 0.3% or less	10 gal
U239	Xylene (I)	10 lb; 1.4 gal
U200(a)	Yohimban-16-carboxylic acid, 11,17-dimethoxy-18-[(3,4,5-trimethoxybenzoyl)oxy]-, methyl ester, (3beta,16beta,17alpha,18beta,20alpha)-	15 lb
U249	Zinc phosphide Zn3P2, when present at concentrations of 10% or less	10 lb

(I) Ignitable, (C) Corrosive, (R) Reactive, (T) Toxic Waste

(a) Denotes an additional capability compared to Cannon's prior Part B waste codes

APPENDIX B
HAZARDOUS WASTE GENERATOR LOCATIONS

The Civil Engineering Squadron (CES) consists of the following units:

CED	EOD Operations Center	Bldg. 799	118 Octagon Street
CEF	Fire Department	Bldg. 130	208 E. Trident Ave
CEOHH	Pavement and Grounds	Bldg. 252	207 N. Perimeter Road
CEOHHE	Pesticide	Bldg. 212	104 W Street
CEOHV	Paint Flight	Bldg. 357	111 Engineers Way
CEOIE	Exterior Electric	Bldg. 357	111 Engineers Way
CEOIG	Power Production Flight	Bldg. 253	205 N. Perimeter Road
CEOIL	Liquid Fuel Maintenance	Bldg. 252	207 N. Perimeter Road
CEOIUW	Water Plant	Bldg. 357	107 Engineers Way
CEOL1	Zone 1	Bldg. 357	111 Engineers Way
CEOL2	Zone 2	Bldg. 357	111 Engineers Way
CEOLH	Housing Maintenance	Bldg. 1404	1404 Marqus
CEVP	Environmental	Bldg. 250	201 N. Perimeter Road

The Component Repair Squadron (CRS) consists of the following units:

CRCC	Electro Environmental Flight	Bldg. 684	118 E. Sextant Ave
CRCF	Fuel Systems Flight	Bldg. 197	606 Liberator Ave
CRCP	Pneudraulics Flight	Bldg. 684	118 E. Sextant Ave
CRPJ	Propulsion Flight	Bldg. 680	103 N. Torch Blvd
CRPT	Engine Test Cell Flight	Bldg. 2330	103 N. Torch Blvd
CRT	Combat Systems Flight (PMEL-Electrical-Mechanical Measures)	Bldg. 622	211 N. Torch Blvd
CRVE	Electronic Warfare Flight	Bldg. 679	114 E. Sextant Ave
CRVJ	Navair	Bldg. 623	119 E. Arcadia Ave
CRVS	Photo Sensor	Bldg. 622	119 E. Arcadia Ave

CS consists of the following unit:

SCCV	Visual Information Support Center	Bldg. 600	110 E. Sextant Ave

The Equipment Maintenance Squadron (EMS) consists of the following units:

EMFC	Corrosion Control Flight	Bldg. 196	610 Liberator Ave
EMFM	Machine Shop	Bldg. 22	113 E. Sextant Ave
EMFN	Non-Destructive Inspection (NDI) Flight	Bldg. 593	211 N. Torch Blvd
EMFS	Metals Technology Flight	Bldg. 680	113 E. Sextant Ave
EMGS	Aerospace Ground Equipment (AGE) Flight	Bldg. 186	312 N. Torch Blvd
EMMR	Repair and Reclamation (High Liftr R&R)	Bldg. 198	604 Liberator Ave
EMMT	Transient Alert	Bldg. 135	207 E. Sextant Ave

EMS continued:

EMMW	Wheel and Tire	Bldg. 194	604 Liberator Ave
EMR	Armament Flight	Bldg. 122	110 E. Trident Ave
EMU	Munitions Flight	Bldg. 2112	109 Bomber Lane

The Medical Group (MG) consists of the following units:

SGD	Dental X-Ray	Bldg. 1400	208 W. Casablanca Ave
SGSAR	Medical X-Ray	Bldg. 1400	208 W. Casablanca Ave

The MSS consists of the following unit:

IMPR	Reprographics	Bldg. 600	110 E. Sextant Ave

The Operations Group (OG) consists of the following units:

428FS	428 FS (MA)	Bldg. 194	233 E. Argentia Ave
429ECS	429 ECS (MAI)	Bldg. 126	224 E. Octagon
522FS	522 FS (MAI)	Bldg. 195	608 Liberator Ave
523FS	523 FS (MAI)	Bldg. 195	201 E. Terminal Ave
524FS	524 FS (MAI)	Bldg. 190	316 N. Torch Blvd
OG/WSF	Weapons Standardization	Bldg. 133	103 E. Terminal Ave
OSOI	27 OSS/OSOI (Inspection Flight)	Bldg. 184	224 E. Argentia Ave
OSOY	Melrose Range	Bldg. 600	110 E. Sextant Ave

The SUP consists of the following units:

LGSDI	Inspection Section	Bldg. 208	502 N. Torch Blvd
SUFE	POL	Bldg 390, 392, 223	114 Engineers Way
TRME	Transportation	Bldg. 335	114 E. Argentia

The SVS consists of the following units:

SVRA	Auto Skill (Hobby) Center	Bldg. 494	317 N. Torch Blvd
SVSGB	Golf Course	Bldg. 2208	105 Forest Drive

Other organizations:

AAFES	Shoppette	Bldg. 1152	1111 Olympic Blvd
DECA	Comissary	Bldg. 77	102 W. Octagon Ave
MWME	Service Station	Bldg 368	102 N. DL Ingram Blvd

CE

FACILITY: EOD SHOP

SQUADRON AND OFFICE SYMBOL: 27 CE/CED

STREET ADDRESS: 118 OCTAGON

POINT OF CONTACT: MSGT WURTZ

PHONE NUMBER: 784-4495

DATE: 22 NOV 94

WASTE DESCRIPTION AND WASTE STREAM NUMBER	ANNUAL ESTIMATED QUANTITY	US EPA WASTE NAME AND ANALYSIS RESULT CONCENTRATION	EPA/STATE HAZARDOUS WASTE NUMBER	EPA PRIORITY POLLUTANT NUMBER	TYPE OF CONTAINER	DISPOSAL	HAZARD CODE
PAINT, WASTE, LIQUID SHELF-LIFE	18 GAL		D001		55 GAL DRUM	DRMO	I

FACILITY: POWER PRODUCTION | **SQUADRON AND OFFICE SYMBOL: 27 CE/CEOIG**

STREET ADDRESS: 205 N. PERIMETER | **POINT OF CONTACT: SRA PARENT**

PHONE NUMBER: 784-2940 | **DATE: 3 NOV 94**

WASTE DESCRIPTION AND WASTE STREAM NUMBER	ANNUAL ESTIMATED QUANTITY	US EPA WASTE NAME AND ANALYSIS RESULT CONCENTRATION	EPA/STATE HAZARDOUS WASTE NUMBER	EPA PRIORITY POLLUTANT NUMBER	TYPE OF CONTAINER	DISPOSAL	HAZARD CODE
LEAD ACID BATTERIES	100 EACH		D002, D008	8	ORIGINAL CASING	TEXAS BATTERY CO. INC.	C, E

FACILITY: ZONE 2

SQUADRON AND OFFICE SYMBOL: 27 CE/CEOL2

STREET ADDRESS: 111 ENGINEERS WAY

POINT OF CONTACT: SRA MASON

PHONE NUMBER: 784-4368

DATE: 21 NOV 94

WASTE DESCRIPTION AND WASTE STREAM NUMBER	ANNUAL ESTIMATED QUANTITY	US EPA WASTE NAME AND ANALYSIS RESULT CONCENTRATION	EPA/STATE HAZARDOUS WASTE NUMBER	EPA PRIORITY POLLUTANT NUMBER	TYPE OF CONTAINER	DISPOSAL	HAZARD CODE
LEAD ACID BATTERIES	150 EACH		D002, D008	8	WOODEN PALLETS W/BAKING SODA & VISQUEEN	RECYCLE	C, E

FACILITY: ENVIRONMENTAL MANAGEMENT SQUADRON AND OFFICE SYMBOL: 27 CE/CEVP

STREET ADDRESS: 201 N. PERIMETER ROAD POINT OF CONTACT: SSGT PRINGLE

PHONE NUMBER: 784-6022 DATE: 16 DEC 94

WASTE DESCRIPTION AND WASTE STREAM NUMBER	ANNUAL ESTIMATED QUANTITY	US EPA WASTE NAME AND ANALYSIS RESULT CONCENTRATION	EPA/STATE HAZARDOUS WASTE NUMBER	EPA PRIORITY POLLUTANT NUMBER	TYPE OF CONTAINER	DISPOSAL	HAZARD CODE
PAINT RELATED MATERIAL, OIL BASE, PRIMERS, ENAMEL, ETC.	120 LBS		D001, D006, D007, D008, F003, F005	2, 5, 8, 10, 17	55 GAL O/H METAL DRUM	DRMO	I, E, T
WATER W/POLS AND CADMIUM	10 LBS		D008	8	55 GAL C/H DRUM	DRMO	E
GREASE W/CADMIUM	50 LBS		D006	2	30 GAL C/H DRUM	DRMO	E

CRS

FACILITY: ELECTRO-ENVIRONMENTAL **SQUADRON AND OFFICE SYMBOL: 27 CRS/CRCC**

STREET ADDRESS: 118 SEXTANT AVE. **POINT OF CONTACT: TSGT OFAMEN/SSGT DELFEL**

PHONE NUMBER: 784-2626 **DATE: 1 NOV 94**

WASTE DESCRIPTION AND WASTE STREAM NUMBER	ANNUAL ESTIMATED QUANTITY	US EPA WASTE NAME AND ANALYSIS RESULT CONCENTRATION	EPA/STATE HAZARDOUS WASTE NUMBER	EPA PRIORITY POLLUTANT NUMBER	TYPE OF CONTAINER	DISPOSAL	HAZARD CODE
TRICHLOROTRIFLOURO-ETHANE	5 GAL.	AKA FREON 113 100 %	F002	16	5 GAL METAL CONTAINER	DRMO	T
BATTERIES, NICKEL CADMIUM	200 EACH	COBALT HYDROXIDE .01MG/M3 CD-CD HYDROXIDE 0.05G/M3; POTASSIUM HYDROXIDE & NI-NI HYDROXIDE 1.0MG/M3 W/SODIUM HYDROXIDE 2.0MG/M3; CYANIDES <5.0MG/L	D002, D006	8	2 1/2' X 3' X 2 1/2' BOX	DRMO	E
HEAT TRANSFER FLUID	10 GAL	LATE CARBON 99 % WATER, DIRT, GREASE 1%; BENZENE 0.5MG/L	D018	1	5 GAL PLASTIC CONTAINER	DRMO	E

FACILITY: PNEUDRAULICS

STREET ADDRESS: 118 SEXTANT

PHONE NUMBER: 784-4922

SQUADRON AND OFFICE SYMBOL: 27 CRS/CRCP

POINT OF CONTACT: SSGT PATTERSON

DATE: 6 DEC 94

WASTE DESCRIPTION AND WASTE STREAM NUMBER	ANNUAL ESTIMATED QUANTITY	US EPA WASTE NAME AND ANALYSIS RESULT CONCENTRATION	EPA/STATE HAZARDOUS WASTE NUMBER	EPA PRIORITY POLLUTANT NUMBER	TYPE OF CONTAINER	DISPOSAL	HAZARD CODE
RAGS CONTAMINATED W/ HYDRAULIC FLUID	1,040 LBS	CADMIUM CONTAMNINATED 1.8MG/L	D006	16	55 GAL O/H METAL DRUM	DRMO	E
USED PD 680	1/093 LBS	CADMIUM 2.6MG/L	D001, D006	16	55 GAL C/H DRUM	DRMO	I, E

FACILITY: PROPULSION FLIGHT **SQUADRON AND OFFICE SYMBOL: 27 CRS/CRP**

STREET ADDRESS: 103 N. TORCH BLVD **POINT OF CONTACT: TSGT DUNCAN**

PHONE NUMBER: 784-2638/6084 **DATE: DEC 94**

WASTE DESCRIPTION AND WASTE STREAM NUMBER	ANNUAL ESTIMATED QUANTITY	US EPA WASTE NAME AND ANALYSIS RESULT CONCENTRATION	EPA/STATE HAZARDOUS WASTE NUMBER	EPA PRIORITY POLLUTANT NUMBER	TYPE OF CONTAINER	DISPOSAL	HAZARD CODE
FINGER PAINT REMOVER, LIQUID, MIL-C-15074	60 LBS		D001		15 GAL POLY-URETHANE DRUM	DRMO	I
CARBON REMOVER, LIQUID, HT-2302	60 LBS		D002, D007, F002		15 GAL POLY-URETHANE DRUM		C, E, T
JET FUEL, JP-8, LIQUID	400 GAL		D001		55 GAL DRUM	DRMO OR REC/POL	I
CALIBRATING FLUID, LIQUID	100 GAL	CADMIUM @ 1MG/L CHROMIUM @ 2MG/L	D001, D006	2, 5	55 GAL DRUM	DRMO	I, E
BEAD BLAST RESIDUE, SOLID	750 LBS	CADMIUM @ 16MG/L	DOO6	2	55 GAL O/H METAL DRUM	DRMO	E
FUEL FILTERS, SOLID	250 LBS	BARIUM @ 0.3MG/L; CADMIUM @ 0.08 MG/L; TOLUENE @ 1000000 UG/KG	D001	1, 2, 14, 17	55 GAL O/H METAL DRUM	DRMO	I

FACILITY: ENGINE TEST CELL

SQUADRON AND OFFICE SYMBOL: 27 CRS/CRPT

STREET ADDRESS: 103 NORTH TORCH BLVD

POINT OF CONTACT: TSGT BRAU/SRA GIBBONS

PHONE NUMBER: 784-7324

DATE: 1 NOV 94

WASTE DESCRIPTION AND WASTE STREAM NUMBER	ANNUAL ESTIMATED QUANTITY	US EPA WASTE NAME AND ANALYSIS RESULT CONCENTRATION	EPA/STATE HAZARDOUS WASTE NUMBER	EPA PRIORITY POLLUTANT NUMBER	TYPE OF CONTAINER	DISPOSAL	HAZARD CODE
PAPER CONTAMINATED W/JP-8, SOLID	2,000 EACH		D001	1	55 GAL O/H DRUM	DRMO	I

FACILITY: TMDE LABORATORY

SQUADRON AND OFFICE SYMBOL: 27 CRS/CRPT

STREET ADDRESS: 211 NORTH TORCH BLVD

POINT OF CONTACT: SSGT MCGOWAN

PHONE NUMBER: 784-6117

DATE: 26 OCT 94

WASTE DESCRIPTION AND WASTE STREAM NUMBER	ANNUAL ESTIMATED QUANTITY	US EPA WASTE NAME AND ANALYSIS RESULT CONCENTRATION	EPA/STATE HAZARDOUS WASTE NUMBER	EPA PRIORITY POLLUTANT NUMBER	TYPE OF CONTAINER	DISPOSAL	HAZARD CODE
HALOCARBON .8 OIL	16 LBS	HALOCARBON .8 OIL 100 %, MERCURY .1MG/M3	D009	9	DRUM	DRMO	E
OXYGEN SENSOR CELLS	1 LB	2MG/M3 POTASSIUM HYDROXIDE ELECTROLYTE 24 %	DOO2	8	BOX	DRMO	C
MERCURY BATTERIES	20 LBS	MERCURY 5 %	D009	9	BOX	DRMO	E
LEAD ACID BATTERIES	11 LBS	SULFURIC ACID 28-50 %	D002,D008	2, 8	BOX	REC	C, E

FACILITY: TMDE LABORATORY

SQUADRON AND OFFICE SYMBOL: 27 CRS/CRPT

STREET ADDRESS: 211 NORTH TORCH BLVD

POINT OF CONTACT: SSGT MCGOWAN

PHONE NUMBER: 784-6117

DATE: 26 OCT 94

WASTE DESCRIPTION AND WASTE STREAM NUMBER	ANNUAL ESTIMATED QUANTITY	US EPA WASTE NAME AND ANALYSIS RESULT CONCENTRATION	EPA/STATE HAZARDOUS WASTE NUMBER	EPA PRIORITY POLLUTANT NUMBER	TYPE OF CONTAINER	DISPOSAL	HAZARD CODE
NICKEL CADMIUM BATTERIES	13 LBS	CD & CADMIUM HYDROXIDE .05MG/M3; NI & NI HYDROXIDE, CADMIUM HYDROXIDE 1MG/M3 W/SODIUM HYDROXIDE 2MG/M3; COBALT HYDROXIDE .1MG/M3	D002, D006	2, 8	BOX	DRMO	C, E

FACILITY: ELECTRONIC WARFARE

SQUADRON AND OFFICE SYMBOL: 27 CRS/CRVE

STREET ADDRESS: 114 E. SEXTANT

POINT OF CONTACT: SSGT BROWN/SRA SMART

PHONE NUMBER: 784-6572

DATE: 21 NOV 94

WASTE DESCRIPTION AND WASTE STREAM NUMBER	ANNUAL ESTIMATED QUANTITY	US EPA WASTE NAME AND ANALYSIS RESULT CONCENTRATION	EPA/STATE HAZARDOUS WASTE NUMBER	EPA PRIORITY POLLUTANT NUMBER	TYPE OF CONTAINER	DISPOSAL	HAZARD CODE
POD SCUM PAPER TOWELS	365 LBS	CADMIUM	D006		30 GAL O/H DRUM	DRMO	E

FACILITY: JSS COMPLEX

SQUADRON AND OFFICE SYMBOL: 27 CRS/CRVJ

STREET ADDRESS: 119 E. ARCADIA AVE

POINT OF CONTACT: SSGT TROTTIER

PHONE NUMBER: 784-2232

DATE: 26 OCT 94

WASTE DESCRIPTION AND WASTE STREAM NUMBER	ANNUAL ESTIMATED QUANTITY	US EPA WASTE NAME AND ANALYSIS RESULT CONCENTRATION	EPA/STATE HAZARDOUS WASTE NUMBER	EPA PRIORITY POLLUTANT NUMBER	TYPE OF CONTAINER	DISPOSAL	HAZARD CODE
COOLANOL 35	400 GAL	TRICHLOROETHANE 730000 UG/KG	F002		55 GAL C/H DRUM	DRMO	T

FACILITY: FUEL SHOP | **SQUADRON AND OFFICE SYMBOL: 27 CRS/CRVJ**

STREET ADDRESS: 606 LIBERATOR AVE | **POINT OF CONTACT: AIC HARGRAVE/SSGT THORPE**

PHONE NUMBER: 784-4443 | **DATE: 6 DEC 94**

WASTE DESCRIPTION AND WASTE STREAM NUMBER	ANNUAL ESTIMATED QUANTITY	US EPA WASTE NAME AND ANALYSIS RESULT CONCENTRATION	EPA/STATE HAZARDOUS WASTE NUMBER	EPA PRIORITY POLLUTANT NUMBER	TYPE OF CONTAINER	DISPOSAL	HAZARD CODE
RAGS CONTAMINATED W/ JP-8, SOLID	540 LBS		D001	1,2,3,4,5,8,9,10,16	55 GAL O/H METAL DRUM	DRMO	I
RAGS CONTAMINATED W/HYDRAULIC FLUID	540 LBS		D006, D008	1,2,3,4,5,8,9,10,16	55 GAL O/H METAL DRUM	DRMO	E
SALINE SOLUTION, LIQUID	25 LBS		U159, D001	10	55 GAL C/H METAL DRUM	DRMO	I, T

CS

FACILITY: PHOTO LAB **SQUADRON AND OFFICE SYMBOL: 27CS/SCCV**

STREET ADDRESS: 110 E. SEXTANT RM 1170 **POINT OF CONTACT: SSGT MUZNY**

PHONE NUMBER: 784-2765 **DATE: 3 NOV 94**

WASTE DESCRIPTION AND WASTE STREAM NUMBER	ANNUAL ESTIMATED QUANTITY	US EPA WASTE NAME AND ANALYSIS RESULT CONCENTRATION	EPA/STATE HAZARDOUS WASTE NUMBER	EPA PRIORITY POLLUTANT NUMBER	TYPE OF CONTAINER	DISPOSAL	HAZARD CODE
KODAK E-6 BLEACH KODAK E-6 FIXER KODAK E-6 FIXER AND BLEACH	30-45 GAL/ YEAR	CADMIUM 2.6 MG/L SILVER 39-66 MG/L	D006 D011	2	5 GAL POLYEYHYLENE	DRMO	E
KODAK C-41 STABILIZER KODAK C-41 FIXER KODAK C-41 FIXER AND STABILIZER	9-30 GAL/ YEAR	SILVER 140-180 MG/L	D011		5 GAL POLYEYHYLENE	DRMO	E
KODAK RA-4 FIXER AND STABILIZER KODAK RA-4 STABILIZER KODAK RA-4 BLEACH - FIXER	50-75 GAL/ YEAR	SILVER 220-500 MG/L	D011		5 GAL POLYEYHYLENE	DRMO	E

EMS

FACILITY: CORROSION CONTROL FACILITY **SQUADRON AND OFFICE SYMBOL: 27 EMS/EMFC**

STREET ADDRESS: 610 LIBERATOR AVE **POINT OF CONTACT: TSGT MORRIS**

PHONE NUMBER: 784-6105 **DATE: 26 OCT 94**

WASTE DESCRIPTION AND WASTE STREAM NUMBER	ANNUAL ESTIMATED QUANTITY	US EPA WASTE NAME AND ANALYSIS RESULT CONCENTRATION	EPA/STATE HAZARDOUS WASTE NUMBER	EPA PRIORITY POLLUTANT NUMBER	TYPE OF CONTAINER	DISPOSAL	HAZARD CODE
PAINT RELATED MATERIAL, LIQUID	4816 LBS	CHROMIUM @ 9MG/L; METHYL ETHYL KETONE @ 74,000MG/L	D001, D007, D035, F003, F005	1, 2, 4, 5, 8, 9, 10	55 GAL DRUM	DRMO	I, E, T
PO-OO1 SPRAY BOOTH FILTERS	1365 LBS	CADMIUM @ 2.8MG/L; CHROMIUM @ 9.2MG/L	D006, D007	1, 2, 3, 4, 5, 8, 9, 10, 16	55 GAL DRUM	DRMO	E
BEAD BLAST DUST	2864 LBS		D006, D007	2, 5	55 GAL DRUM	DRMO	E

FACILITY: MACHINE SHOP

SQUADRON AND OFFICE SYMBOL: 27 EMS/EMFM

STREET ADDRESS: 113 SEXTANT

POINT OF CONTACT: SSGT MCKNIGHT/SRA WOODBURN

PHONE NUMBER: 784-4188/4189

DATE: 2 NOV 94

WASTE DESCRIPTION AND WASTE STREAM NUMBER	ANNUAL ESTIMATED QUANTITY	US EPA WASTE NAME AND ANALYSIS RESULT CONCENTRATION	EPA/STATE HAZARDOUS WASTE NUMBER	EPA PRIORITY POLLUTANT NUMBER	TYPE OF CONTAINER	DISPOSAL	HAZARD CODE
GLASS BEAD BLAST MEDIA, SOLID	35 LBS	CADMIUM @ 2MG/L; CHROMIUM @ 6.2 MG/L	D006, D007	5	55 GAL O/H DRUM	DRMO	E

FACILITY: NDI LABORATORY

SQUADRON AND OFFICE SYMBOL: 27 EMS/EMFN

STREET ADDRESS: 211 N. TORCH BLVD

POINT OF CONTACT: MSGT BAUMGARTNER/MSGT MCLAUGHLIN

PHONE NUMBER: 784-7602/7603/2831

DATE: 2 NOV 94

WASTE DESCRIPTION AND WASTE STREAM NUMBER	ANNUAL ESTIMATED QUANTITY	US EPA WASTE NAME AND ANALYSIS RESULT CONCENTRATION	EPA/STATE HAZARDOUS WASTE NUMBER	EPA PRIORITY POLLUTANT NUMBER	TYPE OF CONTAINER	DISPOSAL	HAZARD CODE
SPENT MAGNETIC INSPECTION COMPOUND	55 GAL	LEAD @ 9MG/L; CADMIUM @ 2.5MG/L	D006, D008	2, 8	55 GAL DRUM	DRMO	E
SILVER RECOVERY RESIDUE OF FIXING BATH	120 GAL	SILVER @ 11.5MG/L	D011		55 GAL DRUM	DRMO	E

FACILITY: AEROSPACE GROUND EQUIPMENT

SQUADRON AND OFFICE SYMBOL: 27 EMS/EMGS

STREET ADDRESS: 312 N. TORCH BLVD

POINT OF CONTACT: SSGT FREELAND

PHONE NUMBER: 784-7310

DATE: 27 OCT 94

WASTE DESCRIPTION AND WASTE STREAM NUMBER	ANNUAL ESTIMATED QUANTITY	US EPA WASTE NAME AND ANALYSIS RESULT CONCENTRATION	EPA/STATE HAZARDOUS WASTE NUMBER	EPA PRIORITY POLLUTANT NUMBER	TYPE OF CONTAINER	DISPOSAL	HAZARD CODE
RAGS CONTAMINATED W OIL/HYDRAULICS, SOLID	3900LBS	CADMIUM @ 4.1MG/L	D006	2	55 GAL O/H METAL DRUM	DRMO	E
FUEL FILTERS, SOLID	600 LBS	IGNITABLE ,127 DEG F.	D001	1 THRU 10	55 GAL O/H METAL DRUM	DRMO	I
FUEL RAGS, SOLID	600 LBS	CADMIUM @ 1.2 MG/L	D001, D006	1, 2	55 GAL O/H METAL DRUM	DRMO	I, E
PD 680, LIQUID	1200 LBS	BENZENE 15MG/L	D001, D018	1	55 GAL O/H METAL DRUM	DRMO	I, E
BEAD BLAST FILTERS, SOLID	600 LBS	CADMIUM @ 19MG/L	D006	2	55 GAL O/H METAL DRUM	DRMO	E
BEAD BLAST MEDIA, SOLID	3000 LBS	CADMIUM @ 2.2MG/L	D006, D007	2, 5	55 GAL O/H METAL DRUM	DRMO	E

FACILITY: AEROSPACE GROUND EQUIPMENT

SQUADRON AND OFFICE SYMBOL: 27 EMS/EMGS

STREET ADDRESS: 312 N. TORCH BLVD

POINT OF CONTACT: SSGT FREELAND

PHONE NUMBER: 784-7310

DATE: 27 OCT 94

WASTE DESCRIPTION AND WASTE STREAM NUMBER	ANNUAL ESTIMATED QUANTITY	US EPA WASTE NAME AND ANALYSIS RESULT CONCENTRATION	EPA/STATE HAZARDOUS WASTE NUMBER	EPA PRIORITY POLLUTANT NUMBER	TYPE OF CONTAINER	DISPOSAL	HAZARD CODE
PAINT DUST, SOLID	500 LBS	CADMIUM @ 28.9MG/L; CHROMIUM @ 12.7MG/L	D006, D007	2, 5	55 GAL O/H METAL DRUM	DRMO	E
ASBESTOS MATERIAL, SOLID	15 LBS	SPECIAL WASTE (TSCA)			7 GAL O/H DRUM	PENDING ANALYSIS	

FACILITY: HOSPITAL

SQUADRON AND OFFICE SYMBOL: 27 EMS/EMGS

STREET ADDRESS: 208 W. CASABLANCA

POINT OF CONTACT: SRA KRAMER

PHONE NUMBER: 784-4656

DATE: 16 DEC 94

WASTE DESCRIPTION AND WASTE STREAM NUMBER	ANNUAL ESTIMATED QUANTITY	US EPA WASTE NAME AND ANALYSIS RESULT CONCENTRATION	EPA/STATE HAZARDOUS WASTE NUMBER	EPA PRIORITY POLLUTANT NUMBER	TYPE OF CONTAINER	DISPOSAL	HAZARD CODE
NICORETTE			D004 D043			DRMO	E
USED AMALGAM			D004 D043			DRMO	E
FERRIS SUBSULTATE SOLUTION			D002			DRMO	C
SRVENITRATE APPLICATORS	0		D004 D043		PLASTIC CONT	DRMO	E
FORMALIN 10%	1 GAL		D001 D004 D043		PLASTIC JUG	DRMO	I, E
BENJOIN TINCTURE	1 GAL		D001	1	METAL CAN	DRMO	I
LEAD SOLID	0		D004 D043	8	PLASTIC BAG	DRMO	E
X-RAY FLIM DEVELOPER	0		D002			DRMO	C

FACILITY: HOSPITAL

SQUADRON AND OFFICE SYMBOL: 27 EMS/EMGS

STREET ADDRESS: 208 W. CASABLANCA

POINT OF CONTACT: SRA KRAMER

PHONE NUMBER: 784-4656

DATE: 16 DEC 94

WASTE DESCRIPTION AND WASTE STREAM NUMBER	ANNUAL ESTIMATED QUANTITY	US EPA WASTE NAME AND ANALYSIS RESULT CONCENTRATION	EPA/STATE HAZARDOUS WASTE NUMBER	EPA PRIORITY POLLUTANT NUMBER	TYPE OF CONTAINER	DISPOSAL	HAZARD CODE
EPINEPHRINE INJECTOR				D004 D043			E
DECONTAMINATING KIT				D002 D004 D043			C, E

FACILITY: STRUCTURAL MAINTENANCE SHOP SQUADRON AND OFFICE SYMBOL: 27 EMS/EMGS

STREET ADDRESS: 113 SEXTANT AVE POINT OF CONTACT: TSGT WINFIELD/MSGT MACK

PHONE NUMBER: 784-2036 DATE: 25 OCT 94

WASTE DESCRIPTION AND WASTE STREAM NUMBER	ANNUAL ESTIMATED QUANTITY	US EPA WASTE NAME AND ANALYSIS RESULT CONCENTRATION	EPA/STATE HAZARDOUS WASTE NUMBER	EPA PRIORITY POLLUTANT NUMBER	TYPE OF CONTAINER	DISPOSAL	HAZARD CODE
KIM WIPES, MISC DEBRIS	150 LBS	FLAMMABLE SOLID	D001		55 GAL O/H DRUM	DRMO	I
HOPPER WAST, SANDING DEBRIS	25 LBS	CADMIUM @ 1.2MG/L	D006	2	30 GAL O/H DRUM	DRMO	E

FACILITY: REPAIR AND RECLAMATION SUPPORT **SQUADRON AND OFFICE SYMBOL: 27 EMS/EMMR**

STREET ADDRESS: 604 LIBERATOR **POINT OF CONTACT: SSGT JIROUSEK**

PHONE NUMBER: 784-2250 **DATE: 1 NOV 94**

WASTE DESCRIPTION AND WASTE STREAM NUMBER	ANNUAL ESTIMATED QUANTITY	US EPA WASTE NAME AND ANALYSIS RESULT CONCENTRATION	EPA/STATE HAZARDOUS WASTE NUMBER	EPA PRIORITY POLLUTANT NUMBER	TYPE OF CONTAINER	DISPOSAL	HAZARD CODE
GREASE, OILY RAGS, SOLID	1833 LBS	CADMIUM @ 2LM/L	D006	2	55 GAL O/H METAL DRUM	DRMO	E
ACETONE RAGS, SOLID	175 LBS	IGNITABILITY	F003, D001		55 GAL O/H METAL DRUM	DRMO	I

FACILITY: TRANSIENT ALERT

STREET ADDRESS: 110 E. SEXTANT

PHONE NUMBER: 784-2020

SQUADRON AND OFFICE SYMBOL: 27 EMS/EMMT

POINT OF CONTACT: SSGT HILL

DATE: 28 OCT 94

WASTE DESCRIPTION AND WASTE STREAM NUMBER	ANNUAL ESTIMATED QUANTITY	US EPA WASTE NAME AND ANALYSIS RESULT CONCENTRATION	EPA/STATE HAZARDOUS WASTE NUMBER	EPA PRIORITY POLLUTANT NUMBER	TYPE OF CONTAINER	DISPOSAL	HAZARD CODE
KIM WIPES, ABSORBENT W/JP-8, OTHER MATERIALS	150 LBS	IGNITABLE	D001		55 GAL O/H DRUM	DRMO	I

FACILITY: WHEEL AND TIRE

SQUADRON AND OFFICE SYMBOL: 27 EMS/EMMW

STREET ADDRESS: 304 N. TORCH BLVD

POINT OF CONTACT: MSGT RANEY

PHONE NUMBER: 784-2598

DATE: 15 DEC 94

WASTE DESCRIPTION AND WASTE STREAM NUMBER	ANNUAL ESTIMATED QUANTITY	US EPA WASTE NAME AND ANALYSIS RESULT CONCENTRATION	EPA/STATE HAZARDOUS WASTE NUMBER	EPA PRIORITY POLLUTANT NUMBER	TYPE OF CONTAINER	DISPOSAL	HAZARD CODE
PD 680 TYPE II	875 GAL	LEAD @ 9MG/KG; CADMIUM @ 89MG/KG; CHROMIUM@260MG/KG	D006, D007, D008	2, 5, 8, 10	55 GAL DRUM	DRMO	E
BEAD BLAST MEDIA	3500 LBS	CHROMIUM @ 22MG/L; CADMIUM @ 20MG/L	D006, D007	2, 5	55 GAL DRUM	DRMO	E
PD 680 RINSE AID	4500 LBS	CADMIUM @ 1.2MG/L	D006	2	55 GAL DRUM	DRMO	E
DEBRIS, RAGS, TOWELS	2400 LBS	CADMIUM @ 2.4MG/L	D006	2	55 GAL DRUM	DRMO	E

FACILITY: ARMAMENTS

SQUADRON AND OFFICE SYMBOL: 27 EMS/EMR

STREET ADDRESS: 207 E. TRIDENT

POINT OF CONTACT: MSGT SOLVESON

PHONE NUMBER: 784-7919

DATE: 28 OCT 94

WASTE DESCRIPTION AND WASTE STREAM NUMBER	ANNUAL ESTIMATED QUANTITY	US EPA WASTE NAME AND ANALYSIS RESULT CONCENTRATION	EPA/STATE HAZARDOUS WASTE NUMBER	EPA PRIORITY POLLUTANT NUMBER	TYPE OF CONTAINER	DISPOSAL	HAZARD CODE
RAGS, WIRE BRUSHES, DUST, SANDPAPER, MISC. DEBRIS, SOLID	720 LBS	CADMIUM @ 23MG/L; CHROMIUM @ 31MG/L, LEAD @ 25MG/L	D006, D007, D008	2, 5, 8	55 GAL O/H DRUM	DRMO	E
USED CITRIKLEEN HD, LIQUID	1232 LBS	CADMIUM @ 32MG/L; LEAD @ 46MG/L	D006, D008	2, 8	55 GAL C/H DRUM	DRMO	E
MERCURY BATTERIES, SOLID	5 LBS	MERCURY @ = > 0.2	D002, D009	9	FIBERBOARD BOX	DRMO	E

FACILITY: MUNITIONS

SQUADRON AND OFFICE SYMBOL: 27 EMS/EMU

STREET ADDRESS: 109 BOMBER LANE

POINT OF CONTACT: MSGT HOUSE

PHONE NUMBER: 784-7365

DATE: 1 NOV 94

WASTE DESCRIPTION AND WASTE STREAM NUMBER	ANNUAL ESTIMATED QUANTITY	US EPA WASTE NAME AND ANALYSIS RESULT CONCENTRATION	EPA/STATE HAZARDOUS WASTE NUMBER	EPA PRIORITY POLLUTANT NUMBER	TYPE OF CONTAINER	DISPOSAL	HAZARD CODE
MIXED PAINT THINNER RELATED WASTE, LIQUID	20 GAL	METHYLETHL KETONE @ 6900 MG/L	D001, D035	10, 11	10 GAL DRUM	DRMO	I, E
BRAKE FLUID/DENATURED ALCOHOL MIXED, LIQUID	20 GAL	FLASHPOINT 59 DEGREES FAHRENHEIT	D001		10 GAL DRUM	DRMO	I
ASBESTOS BRAKE SHOES	30 LBS	SPECIAL WASTE (TSCA)			55 GAL DRUM	DRMO	
ABSORBENT MATERIALS CONTAMINATED W/OILS, GREASE, PD 680, BRAKE FLUID, AND ALCOHOL	200 LBS	CADMIUM @ 1.6 MG/L	D006	2	55 GAL DRUM	DRMO	E
BATTERIES, NON-RECHARGEABLE, MERCURY	2 LBS		D009		BOX	DRMO	E
USED PD 680 TYPE II	10 GAL	CADMIUM @ 15MG/L	D001, D006	2	10 GAL DRUM	DRMO	I, E

MG

FACILITY: X-RAY DENTAL CLINIC

SQUADRON AND OFFICE SYMBOL: 27 MG/SGD

STREET ADDRESS: 208 W. CASABLANCA

POINT OF CONTACT: SRA BAKER

PHONE NUMBER: 784-4591

DATE: 17 NOV 94

WASTE DESCRIPTION AND WASTE STREAM NUMBER	ANNUAL ESTIMATED QUANTITY	US EPA WASTE NAME AND ANALYSIS RESULT CONCENTRATION	EPA/STATE HAZARDOUS WASTE NUMBER	EPA PRIORITY POLLUTANT NUMBER	TYPE OF CONTAINER	DISPOSAL	HAZARD CODE
USED VAPO STERIL EFFLUENT	20 GAL	SELENIUM 2 MG/L	D010		5 GALLON CONT.	DRMO	E
SILVER RECOVERY EFFLUENT	70 GAL	SILVER 1.1 MG/L	D011		5 GALLON CONT.	DRMO	E
LEAD FOIL PACKETS	30 LBS	LEAD 100 MG/L	D008	8	3 LBS BAGS		E

FACILITY: X-RAY MEDICAL

SQUADRON AND OFFICE SYMBOL: 27 MG/SGSAR

STREET ADDRESS: 208 W. CASABLANCA

POINT OF CONTACT: MSGT SMITH

PHONE NUMBER: 784-4062

DATE: 23 NOV 94

WASTE DESCRIPTION AND WASTE STREAM NUMBER	ANNUAL ESTIMATED QUANTITY	US EPA WASTE NAME AND ANALYSIS RESULT CONCENTRATION	EPA/STATE HAZARDOUS WASTE NUMBER	EPA PRIORITY POLLUTANT NUMBER	TYPE OF CONTAINER	DISPOSAL	HAZARD CODE
SILVER RECOVERY EFFLUENT	600 GAL	SILVER 7.3 MG/L	D011		5 GALLON CONT.	DRMO	E

MSS

FACILITY: REPROGRAPHIC **SQUADRON AND OFFICE SYMBOL: 27MSS/IMPR**

STREET ADDRESS: 110 E. SEXTANT RM 2038 **POINT OF CONTACT: MR BROWN WS-8**

PHONE NUMBER: 784-2090 **DATE:**

WASTE DESCRIPTION AND WASTE STREAM NUMBER	ANNUAL ESTIMATED QUANTITY	US EPA WASTE NAME AND ANALYSIS RESULT CONCENTRATION	EPA/STATE HAZARDOUS WASTE NUMBER	EPA PRIORITY POLLUTANT NUMBER	TYPE OF CONTAINER	DISPOSAL	HAZARD CODE
ABSORBENT	136 LBS	TETRACHLOROETHYLENE	F001	15	55 GAL METAL DRUM	DRMO	T

OG

FACILITY: 429 ELECTRONIC/RADAR JAMMER

SQUADRON AND OFFICE SYMBOL: 429 ECS/MAI

STREET ADDRESS: 224 E. OCTAGON

POINT OF CONTACT: SSGT MOORE

PHONE NUMBER: 784-2369

DATE: 4 NOV 94

WASTE DESCRIPTION AND WASTE STREAM NUMBER	ANNUAL ESTIMATED QUANTITY	US EPA WASTE NAME AND ANALYSIS RESULT CONCENTRATION	EPA/STATE HAZARDOUS WASTE NUMBER	EPA PRIORITY POLLUTANT NUMBER	TYPE OF CONTAINER	DISPOSAL	HAZARD CODE
JP-4 ABSORBENTS	649 LBS	XYLENES @ 1.62% BENZENE @ 1.39% TOULENE @ 1.54%	D001 D018	I,1	55 GAL METAL DRUM	DRMO	I, E
JP-8 ABSORBENT/FILTERS	2545 LBS	KEROSENE @ 97% NAPHTALENE @ 3%	D001	I,14,16	55 GAL METAL DRUM	DRMO	I
COVERALL	269 LBS	CADMIUM @ 2.7 MG/L	D006	12	55 GAL METAL DRUM	DRMO	E
ETHYLENE GLYCOL WITH JET FUEL	320 LBS	ETHYL BENZENE @ 83 UG/L 1,2,4 TRIMETHYLBENZENE @ 390 UG/L FLASH POINT 113°F	D001	1,13,17	55 GAL METAL DRUM	DRMO	I

FACILITY: 429 ELECTRONIC/RADAR JAMMER

SQUADRON AND OFFICE SYMBOL: 429 ECS/MAI

STREET ADDRESS: 224 E. OCTAGON

POINT OF CONTACT: SSGT MOORE

PHONE NUMBER: 784-2369

DATE: 4 NOV 94

WASTE DESCRIPTION AND WASTE STREAM NUMBER	ANNUAL ESTIMATED QUANTITY	US EPA WASTE NAME AND ANALYSIS RESULT CONCENTRATION	EPA/STATE HAZARDOUS WASTE NUMBER	EPA PRIORITY POLLUTANT NUMBER	TYPE OF CONTAINER	DISPOSAL	HAZARD CODE
BATTERIES NI-CAD	10 LBS	NI-NI HYDROXIDE AND POTASSIUM HYDROXIDE @ 1.0 MG/M³ SODIUM HYDROXIDE @ 2 MG/M³ CD-CD HYDROXIDE @ 0.05 G/ M³ COBALT HYDROXIDE @ .01 MG/ M³	D002 D006	12	FIBER BOX	DRMO	C, E
BATTERIES MERCURY	50 LBS	MERCURY SOLID 100%	D009	9	FIBER BOX	DRMO	E
THEMOMETER PSYCHROMETER WITH MERCURY	12 LBS	MERCURY GLASS THEMOMETER @ 4-25%	D009	9	7 GAL DRUM	DRMO	E

FACILITY: 523 FIGHTER SQADRON

SQUADRON AND OFFICE SYMBOL: 523 FS/CCH

STREET ADDRESS: 402 S. TORCH BLVD

POINT OF CONTACT: TSGT MERRILL

PHONE NUMBER: 784-2066

DATE: 2 NOV 94

WASTE DESCRIPTION AND WASTE STREAM NUMBER	ANNUAL ESTIMATED QUANTITY	US EPA WASTE NAME AND ANALYSIS RESULT CONCENTRATION	EPA/STATE HAZARDOUS WASTE NUMBER	EPA PRIORITY POLLUTANT NUMBER	TYPE OF CONTAINER	DISPOSAL	HAZARD CODE
JET FUEL	1200 GAL		D001		BOWER	POL/DRMO	I
PAINT THINNER	10 GAL	2-BUTANONE 45.000MG/L MEK 45.000 MG/L	D001		55 GAL METAL DRUM	DRMO	I
BATTERIES,MUCURY	60 EA		D004		BOX	DRMO	E

FACILITY: 522 FIGHTER SQADRON

SQUADRON AND OFFICE SYMBOL: 522 FS/MAU

STREET ADDRESS: 606 LIBERATOR AVE

POINT OF CONTACT: MSGT MAKI

PHONE NUMBER: 784-6522

DATE: 4 NOV 94

WASTE DESCRIPTION AND WASTE STREAM NUMBER	ANNUAL ESTIMATED QUANTITY	US EPA WASTE NAME AND ANALYSIS RESULT CONCENTRATION	EPA/STATE HAZARDOUS WASTE NUMBER	EPA PRIORITY POLLUTANT NUMBER	TYPE OF CONTAINER	DISPOSAL	HAZARD CODE
GAS MASK FILTER ELEMENTS	126 LBS	TOXIC CHROMIUM 75.0 MG/L	D007	5	FIBER BOX	DRMO	E
MERCURY BATTERIES	30 LBS	TOXIC MERCURY = >0.2 MG/L	D002 D009	9	FIBER BOX	DRMO	C, E
ABSORBENT PILLOWS WITH OIL,GREASE	1527 LBS	TOXIC BARIUM < 10 MG/L BENZENE < .05 MG/L CADMIUM 0.83 MG/L CHROMIUM < .5 MG/L LEAD < .5 MG/L MERCURY < .02 MG/L SELENIUM < .1 MG/L SILVER < .5 MG/L	D005 D006 D007 D008 D009 D010 D011 D018	1,2,8,9	55 GAL METAL DRUM	DRMO	E

FACILITY: 522 FIGHTER SQADRON

SQUADRON AND OFFICE SYMBOL: 522 FS/MAU

STREET ADDRESS: 606 LIBERATOR AVE

POINT OF CONTACT: MSGT MAKI

PHONE NUMBER: 784-6522

DATE: 4 NOV 94

WASTE DESCRIPTION AND WASTE STREAM NUMBER	ANNUAL ESTIMATED QUANTITY	US EPA WASTE NAME AND ANALYSIS RESULT CONCENTRATION	EPA/STATE HAZARDOUS WASTE NUMBER	EPA PRIORITY POLLUTANT NUMBER	TYPE OF CONTAINER	DISPOSAL	HAZARD CODE
CLAY ABSORBENT WITH JP-4	500 LBS	BENZENE (PURE JP-4) TOLUENE,XYLENE,ETHYL BENZENE	D001 D018	1,14	55 GAL METAL DRUM	DRMO	I, E
RAGS PAPER FUEL FILTERS	138 LBS	BENZENE (NO LIMIT SPECITIED)	D001 D018	1	55 GAL METAL DRUM	DRMO	I, E
BATTERIES NI-CAD	109 LBS	CADMIUM .005MG/M^3	D002 D006	2,12	FIBER BOX	DRMO	C, E
RAGS WITH CITRIKLEEN	394 LBS	TOXIC LEAD 5.3 MG/L SELENIUM 1.2 MG/L	D008 D010	8	55 GAL METAL DRUM	DRMO	E

FACILITY: 522 FIGHTER SQADRON

SQUADRON AND OFFICE SYMBOL: 522 FS/MAU

STREET ADDRESS: 606 LIBERATOR AVE

POINT OF CONTACT: MSGT MAKI

PHONE NUMBER: 784-6522

DATE: 4 NOV 94

WASTE DESCRIPTION AND WASTE STREAM NUMBER	ANNUAL ESTIMATED QUANTITY	US EPA WASTE NAME AND ANALYSIS RESULT CONCENTRATION	EPA/STATE HAZARDOUS WASTE NUMBER	EPA PRIORITY POLLUTANT NUMBER	TYPE OF CONTAINER	DISPOSAL	HAZARD CODE
FUEL SPILL RESIDUE WITH JP-8	200 LBS	ARSENIC <0.1 MG/L BARIUM 0.9 MG/L CADMIUM 0.91 MG/L CHROMIUM 0.1 MG/L LEAD 1.5 MG/L MERCURY < 0.01 MG/L SELENIUM 0.1 MG/L SILVER 0.02 MG/L	D001 D004 D005 D006 D007 D008 D009 D010 D011	2,5,8,9	55 GAL METAL DRUM	DRMO	I, E
PARTICULATE SORBANT CONTAMINATED WITH OIL	380 LBS	TOXIC CADMIUM 2.0 MG/L	D006	2	55 GAL METAL DRUM	DRMO	E
WASTE PAINT RELATED MATERIALS	390 LBS	CHROMIUM 9.6 MG/L LEAD 8.4 MG/L MEK 920,000 MG/L	D007 D008 D035	5,8,10	55 GAL METAL DRUM	DRMO	E

FACILITY: 428 FIGHTER SQUADRON

SQUADRON AND OFFICE SYMBOL: 428 FS/MAU

STREET ADDRESS: ARGENTIA

POINT OF CONTACT: MSGT ALLEY

PHONE NUMBER: 784-7393

DATE: 3 NOV 94

WASTE DESCRIPTION AND WASTE STREAM NUMBER	ANNUAL ESTIMATED QUANTITY	US EPA WASTE NAME AND ANALYSIS RESULT CONCENTRATION	EPA/STATE HAZARDOUS WASTE NUMBER	EPA PRIORITY POLLUTANT NUMBER	TYPE OF CONTAINER	DISPOSAL	HAZARD CODE
HYDRAULIC RAGS	600 LBS	CADMIUM 4.4 MG/L	D006	2	55 GAL METAL DRUM	DRMO	E
PAINT/SOL RAGS	50 LBS	ACETONE,MEK	D001 F003	10,11	55 GAL METAL DRUM	DRMO	I
JP-8 MAT ROLL ABSORBENT	1400 LBS	JET FUEL RESIDUE			55 GAL METAL DRUM	DRMO	
JP-8 FLUID	14300 LBS		D001		BOWSER	UIP	I
BATTERIES	140 LBS	MERCURY,CADMIUM	D006 D009	2,9	CARDBOARD	DRMO	E

FACILITY: 524 FIGHTER SQADRON

SQUADRON AND OFFICE SYMBOL: 524FS/MAUV

STREET ADDRESS: 316 N. TORCH BLVD

POINT OF CONTACT: MSGT BRADY

PHONE NUMBER: 784-6509

DATE: 4 NOV 94

WASTE DESCRIPTION AND WASTE STREAM NUMBER	ANNUAL ESTIMATED QUANTITY	US EPA WASTE NAME AND ANALYSIS RESULT CONCENTRATION	EPA/STATE HAZARDOUS WASTE NUMBER	EPA PRIORITY POLLUTANT NUMBER	TYPE OF CONTAINER	DISPOSAL	HAZARD CODE
JP-8 JET FUEL	1513 GAL	IGNITABLE,TOXIC BENZENE @ .22% TOLUENE @ .23% XYLENES @ 1.23%	D001 D006 D018	1,14,17	55 GAL METAL DRUM,200 GAL CONTAINER	CD	I, E
JP-4 JET FUEL	150 GAL	TOXIC BENZENE @ 4% TOLUENE @ 22% XYLENES @ 10%	D001 D006	1,14,17	55 GAL METAL DRUM	CD	I, E
JP-4 JET FUEL ABSORBENT,RAGS	180 LBS	TOXIC, CADMIUM > 1.0 MG/L	D006	1,2	55 GAL METAL DRUM	DRMO	E

FACILITY: 524 FIGHTER SQADRON

SQUADRON AND OFFICE SYMBOL: 524FS/MAUV

STREET ADDRESS: 316 N. TORCH BLVD

POINT OF CONTACT: MSGT BRADY

PHONE NUMBER: 784-6509

DATE: 4 NOV 94

WASTE DESCRIPTION AND WASTE STREAM NUMBER	ANNUAL ESTIMATED QUANTITY	US EPA WASTE NAME AND ANALYSIS RESULT CONCENTRATION	EPA/STATE HAZARDOUS WASTE NUMBER	EPA PRIORITY POLLUTANT NUMBER	TYPE OF CONTAINER	DISPOSAL	HAZARD CODE
HYDRAULIC/OIL RAGS	380 LBS	TOXIC BARIUM < 1 MG/L CADMIUM = 1.9 MG/L CHROMIUM < .2 MG/L ARSENIC < .04 MG/L LEAD < .5 MG/L MERCURY < .005 SELENIUM < .04 SLIVER < .4	D006	2,5,8,9	55 GAL METAL DRUM	DRMO	E
OIL ABSORBENT	1409 LBS				55 GAL METAL DRUM	DRMO	
USED JP-4,JP-8 RAGS	395 LBS	IGNITABLE,TOXIC BENZENE < .5 MG/L	D001 D018	1	55 GAL METAL DRUM	DRMO	I, E
OIL ABSORBENT	374 LBS				55 GAL METAL DRUM	DRMO	

FACILITY: 524 FIGHTER SQADRON

SQUADRON AND OFFICE SYMBOL: 524FS/MAUV

STREET ADDRESS: 316 N. TORCH BLVD

POINT OF CONTACT: MSGT BRADY

PHONE NUMBER: 784-6509

DATE: 4 NOV 94

WASTE DESCRIPTION AND WASTE STREAM NUMBER	ANNUAL ESTIMATED QUANTITY	US EPA WASTE NAME AND ANALYSIS RESULT CONCENTRATION	EPA/STATE HAZARDOUS WASTE NUMBER	EPA PRIORITY POLLUTANT NUMBER	TYPE OF CONTAINER	DISPOSAL	HAZARD CODE
JP-8 WIPES AND OTHER DEBRIS	120	IGNITABLE, TOXIC CADMIUM > 1.0% BENZENE < .5%	D001 D018	1,2	55 GAL METAL DRUM	DRMO	I, E
JP-4 SPEEDY DRY	200 LBS	IGNITABLE, TOXIC BENZENE < .5 MG/L	D001 D018	1	55 GAL METAL DRUM	DRMO	I, E
ADHESIVE, EPOXY/LIQUID	17 LBS	IGNITABLE DIETHYLENE TRIAMINE @ 13%	D001		FIBER BOX	DRMO	I
ACETONE	1 LBS	IGNITABLE U-LISTED ACETONE > 99.0%	DOO1 U001		FIBER BOX	DRMO	I
SILICONE	54 LBS				FIBER BOX	DRMO	
JP-8 ABSORBENT,KIM WIPES,AND OTHER DEBRIS	589 LBS				55 GAL METAL DRUM	DRMO	

FACILITY: 524 FIGHTER SQADRON

SQUADRON AND OFFICE SYMBOL: 524FS/MAUV

STREET ADDRESS: 316 N. TORCH BLVD

POINT OF CONTACT: MSGT BRADY

PHONE NUMBER: 784-6509

DATE: 4 NOV 94

WASTE DESCRIPTION AND WASTE STREAM NUMBER	ANNUAL ESTIMATED QUANTITY	US EPA WASTE NAME AND ANALYSIS RESULT CONCENTRATION	EPA/STATE HAZARDOUS WASTE NUMBER	EPA PRIORITY POLLUTANT NUMBER	TYPE OF CONTAINER	DISPOSAL	HAZARD CODE
CITRIKLEEN WIPES AND OTHER DEBRIS	217 LBS	TOXIC CADMIUM @ 4.2 MG/L CHROMIUM @ .04 MG/L MERCURY @ .002	D006	2,5,9	55 GAL METAL DRUM	DRMO	E
BATTERIES NI-CAD	11 LBS	TOXIC CADMIUM PRODUCTS < 15% NICKEL < 5%	D006	2,12	FIBER BOX	DRMO	E
PRIMER	2 LBS	IGNITABLE	D001		FIBER BOX	DRMO	I
ADHESIVE	2 LBS	CORROSIVE DIETHYLENETRIMINE @ 1PPM < 15%	D002		FIBER BOX	DRMO	C

FACILITY: 524 FIGHTER SQADRON

SQUADRON AND OFFICE SYMBOL: 524FS/MAUV

STREET ADDRESS: 316 N. TORCH BLVD

POINT OF CONTACT: MSGT BRADY

PHONE NUMBER: 784-6509

DATE: 4 NOV 94

WASTE DESCRIPTION AND WASTE STREAM NUMBER	ANNUAL ESTIMATED QUANTITY	US EPA WASTE NAME AND ANALYSIS RESULT CONCENTRATION	EPA/STATE HAZARDOUS WASTE NUMBER	EPA PRIORITY POLLUTANT NUMBER	TYPE OF CONTAINER	DISPOSAL	HAZARD CODE
ADHESIVE	14 LBS	IGNITABLE	D001		FIBER BOX	DRMO	I
CONTAMINATED JP-8 FUEL WITH WATER	1100 LBS	IGNITABLE BENZENE < .5 MG/L	D001	1	55 GAL METAL DRUM	DRMO	I

FACILITY: INSPECTION SECTION

SQUADRON AND OFFICE SYMBOL: 27 OSS/OSOI

STREET ADDRESS: 224 ARGENTIA

POINT OF CONTACT: TSGT DOELAN

PHONE NUMBER: 784-4377

DATE: 1 NOV 94

WASTE DESCRIPTION AND WASTE STREAM NUMBER	ANNUAL ESTIMATED QUANTITY	US EPA WASTE NAME AND ANALYSIS RESULT CONCENTRATION	EPA/STATE HAZARDOUS WASTE NUMBER	EPA PRIORITY POLLUTANT NUMBER	TYPE OF CONTAINER	DISPOSAL	HAZARD CODE
RAGS CONTAMINATED WITH OIL,GREASE	4X55 GAL	CADMIUN TPH 6.1 160000MG/L	D006	2	55 GAL METAL DRUM	DRMO	E
RAGS CONTAMINATED WITH JP-4,JP-8	4X55 GAL	JP-4/8 FUEL FLAMMABLE	D001	1	55 GAL METAL DRUM		I

SG

FACILITY: VEHICLE MAINTENCE

SQUADRON AND OFFICE SYMBOL: 27TRANS/TRME

STREET ADDRESS: 114 E. ARGENTIA AVE

POINT OF CONTACT: MSGT STORDAHL

PHONE NUMBER: 784-7065

DATE: 28 OCT 94

WASTE DESCRIPTION AND WASTE STREAM NUMBER	ANNUAL ESTIMATED QUANTITY	US EPA WASTE NAME AND ANALYSIS RESULT CONCENTRATION	EPA/STATE HAZARDOUS WASTE NUMBER	EPA PRIORITY POLLUTANT NUMBER	TYPE OF CONTAINER	DISPOSAL	HAZARD CODE
RECYCLABLE/WASTE ANTIFREEZE	200 GAL	TOXIC LEAD 12 MG/L	D008	8	55 GAL OT BARREL	DRMO	E

FACILITY: VEHICLE MAINTENCE

SQUADRON AND OFFICE SYMBOL: 27TRANS/TRME

STREET ADDRESS: 114 E. ARGENTIA AVE

POINT OF CONTACT: MSGT STORDAHL

PHONE NUMBER: 784-7065

DATE: 28 OCT 94

WASTE DESCRIPTION AND WASTE STREAM NUMBER	ANNUAL ESTIMATED QUANTITY	US EPA WASTE NAME AND ANALYSIS RESULT CONCENTRATION	EPA/STATE HAZARDOUS WASTE NUMBER	EPA PRIORITY POLLUTANT NUMBER	TYPE OF CONTAINER	DISPOSAL	HAZARD CODE
SPENT SULFURIC ACID	5 GAL	CORROSIVE TOXIC	D002 D008	8	5 GAL POLY DRUM	DRMO	C, E
SPENT PD-680	15 GAL	IGNITABLE TOXIC BENZENE 44 MG/L CADMIUM 2 MG/L LEAD 13 MG/L	D001 D006 D008 D018	2,5,8	55 GAL DRUM	DRMO	I, E
REFUELING VEHICLE FILTERS WITH JP-8	500 LBS	IGNITABLE	D001	1	55 GAL OT BARREL	DRMO	I
ABSORBENT PADS,RAGS WITH JP-8	400 LBS	IGNITABLE	D001 F003	1	55 GAL OT BARREL	DRMO	I
RAGS, SANDPAPER AND MISC PAINT DEBRIS	400 LBS	IGNITABLE	D001	2,8	55 GAL OT BARREL	DRMO	I

FACILITY: VEHICLE MAINTENCE

SQUADRON AND OFFICE SYMBOL: 27TRANS/TRME

STREET ADDRESS: 114 E. ARGENTIA AVE

POINT OF CONTACT: MSGT STORDAHL

PHONE NUMBER: 784-7065

DATE: 28 OCT 94

WASTE DESCRIPTION AND WASTE STREAM NUMBER	ANNUAL ESTIMATED QUANTITY	US EPA WASTE NAME AND ANALYSIS RESULT CONCENTRATION	EPA/STATE HAZARDOUS WASTE NUMBER	EPA PRIORITY POLLUTANT NUMBER	TYPE OF CONTAINER	DISPOSAL	HAZARD CODE
WASTE MIXED FUEL DIESEL,MOGAS	110 GAL	IGNITABLE	D001	1	55 GAL METAL DRUM	DRMO	I
WASTE LIQUID PAINT/THINNER	55 GAL	IGNITABLE TOLUENE 6-8% ZYLENE 5-7% ETHYL BENZENE 2-4% ACETONE 1-2%	D001	1,14,17	55 GAL METAL DRUM	DRMO	I
WASTE JP-8 JET FUEL	25 GAL		D001	1	55 GAL METAL DRUM	DRMO	I
VACCUM CLEANER BAGS WITH BRAKE DUST	25 LBS	TOXIC CHROMIUM 140.2 COPPER 848	D007 D008	5,8	30 GAL OT BARREL	DRMO	E
ENGINE FUEL FILTERS WITH DIESEL AND MOGAS	700 LBS	IGNITABLE	D001	1	55 GAL OT BARREL	DRMO	I

FACILITY: POL

SQUADRON AND OFFICE SYMBOL: 27SUP/SUFE

STREET ADDRESS: 114 ENGINEERS WAY

POINT OF CONTACT: TSGT RIEDEL

PHONE NUMBER: 784-2850

DATE: 15 DEC 94

WASTE DESCRIPTION AND WASTE STREAM NUMBER	ANNUAL ESTIMATED QUANTITY	US EPA WASTE NAME AND ANALYSIS RESULT CONCENTRATION	EPA/STATE HAZARDOUS WASTE NUMBER	EPA PRIORITY POLLUTANT NUMBER	TYPE OF CONTAINER	DISPOSAL	HAZARD CODE
WATER AND FUEL	4X55 GAL	INGNITABLE 98.6°F	D001	1	55 GAL METAL DRUM	DRMO	I
PADS,RAGS AND LAB MISC	1000 LBS	IGNITABLE 127°F	D001	1	55 GAL METAL DRUM	DRMO	I

SVS

FACILITY: GOLF COURSE | **SQUADRON AND OFFICE SYMBOL: 27SVS/SVBG**

STREET ADDRESS: 105 FORREST DR | **POINT OF CONTACT: MR OEHM**

PHONE NUMBER: 784-4196 | **DATE: 1 NOV 94**

WASTE DESCRIPTION AND WASTE STREAM NUMBER	ANNUAL ESTIMATED QUANTITY	US EPA WASTE NAME AND ANALYSIS RESULT CONCENTRATION	EPA/STATE HAZARDOUS WASTE NUMBER	EPA PRIORITY POLLUTANT NUMBER	TYPE OF CONTAINER	DISPOSAL	HAZARD CODE
LEAD ACID,NI-CAD BATTERIES	42 EA	LEAD,NICKEL PH < 2	D002	8	PLASTIC CASING	CD REC	C

FACILITY: AUTO HOBBY CENTER

SQUADRON AND OFFICE SYMBOL: 27SVS/SVRA

STREET ADDRESS: 317 N. TOURCH BLVD

POINT OF CONTACT: MR GIDDINGS

PHONE NUMBER: 784-2170

DATE: 1 NOV 94

WASTE DESCRIPTION AND WASTE STREAM NUMBER	ANNUAL ESTIMATED QUANTITY	US EPA WASTE NAME AND ANALYSIS RESULT CONCENTRATION	EPA/STATE HAZARDOUS WASTE NUMBER	EPA PRIORITY POLLUTANT NUMBER	TYPE OF CONTAINER	DISPOSAL	HAZARD CODE
PD-680 TYPE II	30 GAL	150 MG/L LEAD	D001 D008	8	55 GAL METAL DRUM	DRMO	I, E
ANTIFREEZE	79.5 GAL	99% WATER 20 MG/L BENZENE 16 MG/L LEAD	D008 D018	1,8	55 GAL METAL DRUM	DRMO	E

OTHERS

FACILITY: SERVICE STATION

SQUADRON AND OFFICE SYMBOL: 27SG/MWME

STREET ADDRESS: 102 D.L. INGRAM BLVD

POINT OF CONTACT: MS TOLEDO

PHONE NUMBER: 784-5177

DATE: 18 NOV 94

WASTE DESCRIPTION AND WASTE STREAM NUMBER	ANNUAL ESTIMATED QUANTITY	US EPA WASTE NAME AND ANALYSIS RESULT CONCENTRATION	EPA/STATE HAZARDOUS WASTE NUMBER	EPA PRIORITY POLLUTANT NUMBER	TYPE OF CONTAINER	DISPOSAL	HAZARD CODE
LEAD ACID BATTERIES	200				ORIGINAL CASING	CD	

FACILITY: COMMISSARY

SQUADRON AND OFFICE SYMBOL: 27SG/MWME

STREET ADDRESS: 102 W. OCTAGON

POINT OF CONTACT: MR MCKENNA

PHONE NUMBER: 784-4330

DATE: 27 OCT 94

WASTE DESCRIPTION AND WASTE STREAM NUMBER	ANNUAL ESTIMATED QUANTITY	US EPA WASTE NAME AND ANALYSIS RESULT CONCENTRATION	EPA/STATE HAZARDOUS WASTE NUMBER	EPA PRIORITY POLLUTANT NUMBER	TYPE OF CONTAINER	DISPOSAL	HAZARD CODE
FLOOR WAX STRIPPER	5 GAL	99% AQUEOS/SOAP 01% OTHERS	D001		5 GAL PLASTIC CONTAINER	DRMO	I

HWPS and Laboratory Analysis for Sandpaper and Miscellaneous Debris

DRMO Mr Goodrich

CEV file Copy

HAZARDOUS WASTE PROFILE SHEET

PART I

NERAL INFORMATION

WASTE STREAM # SC 050

WASTE PROFILE NO. 94EMR516

1. GENERATOR NAME: Armanments

2. FACILITY ADDRESS: 27 EMS/EMR Bldg 122 (4-2085)
207 East Trident
Cannon AFB NM

5. ZIP CODE: 88103-5000

3. GENERATOR USEPA ID: NM7572124454

4. GENERATOR STATE ID: 99935

6. TECHNICAL CONTACT: Vera A. Wood, GS-11, 27 CES/CEVC

7. TITLE: H.W. Program Mgr.

PHONE: (505) 784-2739

B. 1. NAME OF WASTE: Rags, Wire brushes, Sandpaper/Dust, Rubber Gloves, and misc. Debris

2. USEPA/or/STATE WASTE CODE(S): D006, D007, D008

3. PROCESS GENERATING WASTE: Cleaning aircraft parts

4. PROJECTED ANNUAL VOLUME/ UNITS: 4 / 55 gal

5. MODE OF COLLECTION: Drums

6. IS THIS WASTE A DIOXIN LISTED WASTE AS DEFINED IN CFR 261.31 (e.g.,F020,F021,F023,F026,F027, OR F028) ? [ ] YE [x] NO

7. IS THIS WASTE RESTRICTED FROM LAND DISPOSAL (40 CFR 268)? [ ] YE [x] NO REFERENCE STANDARDS: 40 CFR 268.41

HAS AN EXEMPTION BEEN GRANTED ? [ ] YE [x] NO

DOES THE WASTE MEET APPLICABLE TREATMENT STANDARDS ? [x] YE [ ] NO

PART II

1. MATERIAL CHARACTERIZATION
(OPTIONAL- NOT REQUIRED DATA)

COLOR: Various colored solids

DENSITY: BTU/

TAL SOLIDS: ASH CONTENT:

ERIN [ ] MULTILAYERED [ ] BILAYERE [ ] SINGLE [x]

2. RCRA CHARACTERISTICS

PHYSICAL STATE: [x] SOLID [ ] LIQUID [ ] SEMI-SOLID [ ] GAS [ ] OTHER

TREATMENT [ ] WASTEWATER [x] NON-WASTEWATER

[ ] IGNITABLE(D001)
FLASH POINT (F)
[ ] HIGH TOC (>10%)
[ ] LOW TOC (<10%)

[ ] REACTIVE (D003)
[ ] WATER REACTIVE
[ ] CYANIDE REACTIVE
[ ] SULFER

[ ] CORROSIVE (D002)
pH
[ ] CORRODES

[x] TOXICITY CHARACTERISTIC
(SEE REVERSE FOR

3. CHEMICAL COMPOSITION (ppm or mg/L)

COPPER
NICKEL
ZINC
CHROMIUM-HEX
(OTHER TPH 24,000 ppm

PHENOLICS
TOTAL HALOGENS
VOLATILE ORGANICS
PCBs

NOTE: EXPLOSIVES,SHOCK SENSITIVE,PYROPHORIC,RADIOACTIVE, AND ETIOLOGICAL WASTE ,NORMALLY ARE NOT ACCEPTED BY THE DRMO.

4. MATERIAL COMPOSITION

COMPONENT	CONCENTRATION	RANGE
Rags, Debris		100%
Rags		80%
Wire Brushes		5%
Sandpaper		5%
Sanding Dust		5%
Rubber Gloves		5%
TOTAL	100%	

5. SHIPPING INFORMATION

DOT HAZARDOUS MATERIAL? [x] YES [ ] NO

PROPER SHIPPING NAME: Environmentally Hazardous Substance, Solid, nos UN3077, III

HAZARD CLASS: 9

U.N or N.A. NO.: UN3077

ADDITIONAL DESCRIPTION: EPA D006. 007. 008 Solid

METHOD OF SHIPMENT [ ] BUL [x] DRUM [ ] OTHER

CERCLA REPORTABLE QUANTITY

EMERGENCY RESPONSE GUIDE: item is solid

DOT PUBLICATION 5800.4 PAGE NO. 31 EDITION (YR) 1993

SPECIAL HANDLING INFORMATION

6. GENERATOR CERTIFICATION

BASIS FOR INFORMATION: User knowledge and Analysis Results (Combination of three waste streams into one)

[x] CHEMICAL ANALYSIS *(ATTACH TEST RESULTS)* ANA-LAB CORP, CALL # 35,36,37, BLD. 122, ANAL DATES 28 JUN 94

[x] USER *(ATTACH SUPPORTING DOCUMENTS - Explain how and why these documents comply with RCRA requirements)* Process Knowledge and Analysis Results

I, MSGT Coyle, USAF (Print or Type Name), HEREBY CERTIFY THAT ALL INFORMATION SUBMITTED IN THIS AND ALL ATTACHED DOCUMENTS IS TO THE BEST OF MY KNOWLEDGE AN ACCURATE REPRESENTATION OF THE WASTE TURNED IN TO THE DRMO. ALL KNOWN OR SUSPECTED HAZARDS HVE BEEN DISCLOSED.

SIGNATURE OF GENERATOR'S

DATE: 27 Jul 1994

TOXICITY CHARACTERISTIC LIST

EFFECTIVE 25 SEP 90 - LARGE QUANTITY GENERATORS
29 MAR 91 - SMALL QUANTITY GENERATORS

	CONTAMINANT	EPA HW NO.	(mg/L)		CONTAMINANT	EPA HW NO.	(mg/L)
	ARSENIC	D004			HEXACHLORO-1,3-BUTADIENE	D033	
	BARIUM	D005			HEXACHLOROETHANE	D034	
	BENZENE	D018		X	LEAD	D008	25 mg/l
X	CADMIUM	D006	23 mg/l		LINDANE	D013	
	CARBON TETRACLORIDE	D019			MERCURY	D009	
	CHLORDANE	D020			METHOXYCHLOR	D014	
	CHLOROBENZENE	D021			METHYL ETHYL KETONE	D035	
	CHLOROFORM	D022			NITROBENZENE	D036	
X	CHROMIUM	D007	31 mg/l		PENTACHLOROPHENOL	D037	
	O-CRESOL	D023			PYRIDINE	D038	
	M-CRESOL	D024			SELENIUM	D010	
	P-CRESOL	D025			SILVER	D011	
	CRESOL	D026			TETRACHLOROETHYLENE	D039	
	2,4-D	D016			TOXOPHENE	D015	
	1,4-DICHLOROBENZENE	D027			TRICHLOROETHYLENE	D040	
	1,2-DICHLOROETHANE	D028			2,4,5- TRICHLOROPHENOL	D041	
	1,1-DICHLOROETHYLENE	D029			2,4,6- TRICHLOROPHENOL	D042	
	2,4-DINTROTOLUENE	D030			2,45- TP (SILVEX)	D017	
	ENDRIN	D012			VINYL CHLORIDE	D043	
	HEPTACHLOR (AND ITS HYDROXIDE)	D031					
	HEXACHLOROBENZENE	D032					

PART III

FOR DRMO USE ONLY

DRMO VERIFICATION

1. DATE VERIFIED _____

2. RESULTS ☐ ATTACHED

pH _____ FLASH POINT _____ SPECIFIC GRAVITY _____ HALIDES (TOX) _____

REACTIVITY: WATER REACTIVITY _____ CYANIDES _____ SULFIDES _____

TCLP _____

results rec'd 18 June 94.

Rec 18 July 94

CEVP/WOOD/4-6022/vaw/ANASOLID.DOC

27 CES/CEVP HAZARDOUS WASTE ANLYSIS FUNDING REQUEST

Call Number 35 CEVP POC: Vera Wood Date: 27 June 94

Contractor: Ana Lab BPA No: F29605-94-A-001

Date Sample to be Collected: _____, 1994 VAW

Description: Solid; Sandpaper & ~~Sanding dust~~ media.
DRUM # 93414

H.W. GENERATOR: 27EMS/EMR | MSgt Coyle PHONE: 4-2085 Bldg.# 122 or ~~90 DC~~

SAMPLES/SERVICES ORDERED FROM CONTRACT BID SCHEDULE:

CLIN:	SERVICE DESCRIPTION:		QTY:		UNIT COST:	TOTAL $:
0005E	TCLP Metals	SW-6010	1	EA	$129.00	$ 129.00
0009D	TCLP Volatiles	SW08240	1	EA	$175.00	$ 175.00
0009E	TCLP Semi-Vol.	SW-8270	1	EA	$350.00	$ 350.00
0010H	TPH	SW-418.1	1	EA	$ 25.00	$ 25.00

Note: Limit $2,000.00 per call GRAND TOTAL: $ 679.00

VAW for
Approval: DANIEL A. BARNETT
Section Chief or higher (initials)

Combined all Three
are Profile 94EMR516

D006 Cadmium 1.6 mg/l
TPH 19,000 ppm

Split the Samples
see also Call 37 for dust

DEPARTMENT OF THE AIR FORCE
27TH MEDICAL GROUP (ACC)
CANNON AIR FORCE BASE, NEW MEXICO 88103-5014

DO NOT GO TO BEE. CEVP have a BPA & can't analyze

FROM: 27EMS/EMR

21 Jun 94
(Date)

SUBJ: Request For Sampling/Analysis

TO: 27 CES/CEV P
~~27 MG/MGPB~~
~~IN TURN~~

1. Request sample(s) be taken of SANDPAPER + SANDING DUST (PD-680, waste oil, rags, etc.) or mixture of the following chemicals _____, _____, _____, at Bldg 122. This waste was generated by SANDING EQUIPMENT (process) and may contain the following contaminant(s): CHROMATES (metals, MEK, toluene, benzene, etc.)

2. I certify the waste is:

X A controlled single waste stream.

_____ A mingled accumulation of waste from the following processess: _____, _____, _____. DRUM # EMR 93414.

The POC for this waste stream is MSgt COYLE (Name) at extension 2085.

[signature] ARMAMENT FLIGHT
(Signature, Unit)

1st Ind, 27 CES/CEV

TO: 27 MG/MGPB

_____
(Date)

Environmental Management has determined the waste will be disposed using the following method: _____, _____ (energy recovery, buried, recycle, etc.)

_____
(Signature, 27 CES/CEV)

CEVP/WOOD/4-6022/vaw/ANASOLID.DOC

Results rec'd 26 July 94

27 CES/CEVP HAZARDOUS WASTE ANLYSIS FUNDING REQUEST

Call Number 36 CEVP POC: Vera Wood Date: 27 June 94

Contractor: Ana Lab BPA No: F29605-94-A-001

Date Sample to be Collected: _____, 1994

Description: Solid; consisting of rags, brushes and various cleaning supplies
DRUM # 94 Ø 1Ø18

H.W. GENERATOR: 27CMS/EMR/MSgt Coyle PHONE: 4-2085 Bldg.# 122 or ~~90 D~~

SAMPLES/SERVICES ORDERED FROM CONTRACT BID SCHEDULE:

CLIN:	SERVICE DESCRIPTION:		QTY:		UNIT COST:	TOTAL $:
0005E	TCLP Metals	SW-6010	1	EA	$129.00	$ 129.00
0009D	TCLP Volatiles	SW08240	1	EA	$175.00	$ 175.00
0009E	TCLP Semi-Vol.	SW-8270	1	EA	$350.00	$ 350.00
0010H	TPH	SW-418.1	1	EA	$ 25.00	$ 25.00

Note: Limit $2,000.00 per call GRAND TOTAL: $ 679:00

Approval: DANIEL A. BARNETT
Section Chief or higher (initials)

D006 Cadmium 23 mg/l
D008 Lead 25 mg/l

TPH 24,000 PPM

DEPARTMENT OF THE AIR FORCE
27TH MEDICAL GROUP (ACC)
CANNON AIR FORCE BASE, NEW MEXICO 88103-5014

DO NOT GO TO BEE. CEVP have a BPA to cont with analysis

FROM: 27EMS/EMR

21 JUN 94
(Date)

SUBJ: Request For Sampling/Analysis

TO: 27 CES/CEV P
~~27 MG/MGPB~~
~~IN TURN~~

1. Request sample(s) be taken of CLEANING SUPPLIES (RAGS, PADS, BRUSHES) (PD-680, waste oil, rags, etc.) or mixture of the following chemicals _____, _____, _____, at Bldg 122. This waste was generated by CLEANING EQUIPMENT (process) and may contain the following contaminant(s): METALS (metals, MEK, toluene, benzene, etc.)

2. I certify the waste is:

X A controlled single waste stream.

_____ A mingled accumulation of waste from the following processess: _____, _____, _____. DRUM # EMR 940106

3. The POC for this waste stream is MSgt COYLE (Name) at extension 2085.

[signature] ARMAMENT FLIGHT
(Signature, Unit)

1st Ind, 27 CES/CEV

_____
(Date)

TO: 27 MG/MGPB

Environmental Management has determined the waste will be disposed using the following method: _____, _____ (energy recovery, buried, recycle, etc.)

_____
(Signature, 27 CES/CEV)

CEVP/WOOD/4-6022/vaw/ANASOLID.DOC Results Rec'd on 26 July 94

27 CES/CEVP HAZARDOUS WASTE ANLYSIS FUNDING REQUEST

Call Number 37 CEVP POC: Vera Wood Date: 28 June 94

Contractor: Ana Lab BPA No: F29605-94-A-001

Date Sample to be Collected: 28 June, 1994

Description: Small amt Sand paper used in stripping Sanding operation Split Sample DRUM #93414 (Includes Sand paper - other sample out of ~~vacuum bag~~ for call 35

DIST Small amt Particles of sand paper

H.W. GENERATOR: 27CMS/EMR/MSgt Doyle PHONE: 4-2085 Bldg.# 122 or ~~90 DC~~

SAMPLES/SERVICES ORDERED FROM CONTRACT BID SCHEDULE:

CLIN:	SERVICE DESCRIPTION:		QTY:		UNIT COST:	TOTAL $:
0005E	TCLP Metals	SW-6010	1	EA	$129.00	$ 129.00
0009D	TCLP Volatiles	SW08240	1	EA	$175.00	$ 175.00
0009E	TCLP Semi-Vol.	SW-8270	1	EA	$350.00	$ 350.00
0010H	TPH	SW-418.1	1	EA	$ 25.00	$ 25.00

Note: Limit $2,000.00 per call GRAND TOTAL: $ 679.00

VAW for
Approval: DANIEL A. BARNETT
Section Chief or higher (initials)

Cadmium D006 7.4 mg/l
Chromium D007 31 mg/l
TPH 11,000 PPM

Split the Sample - See also Call 35 VAW

INA-LAB CORP.
THE COMPLETE SERVICE LAB

P. O. BOX 9000 – KILGORE, TEXAS 75663-9000 – 903/984-0551 – FAX 903/984-5914

Analytical Chemistry • Utility Operations

07/13/94

27CES/CEV
111 Engineers Way
Contr. F2960594A0014
Cannon AFB, NM 88103-5136
Attention: Capt. Walters

Sample Identification: Drum #93414 Call #35
Collected By: DW
Date & Time Taken: 06/28/94 1320

Bottle Data:

#01 - Unpreserved Glass
#02 - TCLP Extract
Derived in lab from: 01 (100 g)
#03 - TCLP Extract for metals
Derived in lab from: 02 (5 ml)
#04 - TCLP Extract for metals
Derived in lab from: 02 (5 ml)
#05 - TCLP Extract for metals
Derived in lab from: 02 (5 ml)
#06 - TCLP Extract for metals
Derived in lab from: 02 (5 ml)
#07 - TCLP Extract for metals
Derived in lab from: 02 (5 ml)
#08 - TCLP Extract for metals
Derived in lab from: 02 (5 ml)
#09 - TCLP Extract for TABN
Derived in lab from: 02 (970 ml)
#10 - Metals Digestion
Derived in lab from: 07 (5 ml)
#11 - Metals Digestion
Derived in lab from: 05 (5 ml)
#12 - Metals Digestion
Derived in lab from: 03 (5 ml)
#13 - Metals Digestion
Derived in lab from: 08 (50 ml)
#14 - Metals Digestion
Derived in lab from: 06 (50 ml)

Sample Matrix: Solid
Lab Sample Number: 272741 **Received:** 06/29/94 **Client:** CAFB

PARAMETER	RESULTS	UNITS	ANALYZED	EQL	METHOD	BY
TCLP Pyridine (Reg. Limit 5)	ND	mg/l	1110 07/12/94	0.1	EPA Method 8270-TCLP	PLM
Carbon Tetrachloride (.5)	ND	mg/l	0107 07/01/94	0.05	EPA Method 8260-TCLP	DDM

Continued

INA-LAB CORP.
THE COMPLETE SERVICE LAB
P. O. BOX 9000 – KILGORE, TEXAS 75663-9000 – 903/984-0551 – FAX 903/984-5914
Analytical Chemistry • Utility Operations

PARAMETER	RESULTS	UNITS	ANALYZED	EQL	METHOD	BY
TCLP Chlorobenzene (Limit 100)	ND	mg/l	0107 07/01/94	0.05	EPA Method 8260-TCLP	DDM
TCLP Chloroform (Reg. Limit 6.0)	ND	mg/l	0107 07/01/94	0.05	EPA Method 8260-TCLP	DDM
TCLP 1,4 Dichlorobenzene: RL 7.5	ND	mg/l	1110 07/12/94	0.1	EPA Method 8270-TCLP	PLM
TCLP 1,2-Dichloroethane (RL .5)	ND	mg/l	0107 07/01/94	0.05	EPA Method 8260-TCLP	DDM
TCLP 1,1-Dichloroethene (.7)	ND	mg/l	0107 07/01/94	0.05	EPA Method 8260-TCLP	DDM
TCLP 2,4-Dinitrotoluene (.13)	ND	mg/l	1110 07/12/94	0.1	EPA Method 8270-TCLP	PLM
TCLP Hexachlorobenzene (.13)	ND	mg/l	1110 07/12/94	0.1	EPA Method 8270-TCLP	PLM
TCLP Hexachlorobutadiene (.5)	ND	mg/l	1110 07/12/94	0.1	EPA Method 8270-TCLP	PLM
TCLP Hexachlorethane (Limit 3)	ND	mg/l	1110 07/12/94	0.1	EPA Method 8270-TCLP	PLM
TCLP Nitrobenzene (Limit 2)	ND	mg/l	1110 07/12/94	0.1	EPA Method 8270-TCLP	PLM
Pentachlorophenol (100)	ND	mg/l	1110 07/12/94	0.5	EPA Method 8270-TCLP	PLM
TCLP Tetrachloroethylene (.7)	ND	mg/l	0107 07/01/94	0.05	EPA Method 8260-TCLP	DDM
TCLP Trichloroethylene (.5)	ND	mg/l	0107 07/01/94	0.05	EPA Method 8260-TCLP	DDM
TCLP 2,4,6-Trichlorophenol (2)	ND	mg/l	1110 07/12/94	0.1	EPA Method 8270-TCLP	PLM
TCLP Vinyl Chloride (.2)	ND	mg/l	0107 07/01/94	0.1	EPA Method 8260-TCLP	DDM
TCLP 2,4,5-Trichlorophenol (400)	ND	mg/l	1110 07/12/94	0.1	EPA Method 8270-TCLP	PLM
TCLP Total Cresols (Reg Lim 200)	ND	mg/l	1110 07/12/94	0.1	EPA Method 8270-TCLP	PLM
TCLP MEK (Reg. Limit 200)	ND	mg/l	0107 07/01/94	1.0	EPA Method 8260-TCLP	DDM
Total Petroleum Hydrocarbon	19000	mg/kg	1200 07/03/94	800	EPA Method 418.1	WMB
TCLP Benzene (Reg. Limit 0.5)	ND	mg/l	0107 07/01/94	0.05	EPA Method 8260-TCLP	DDM
TCLP Silver (Reg. Limit 5.0)	ND	mg/l	0828 07/05/94	.1	EPA Method 6010	RJH
TCLP Arsenic (Reg. Limit 5.0)	ND	mg/l	0828 07/05/94	1	EPA Method 6010	RJH
TCLP Barium (Reg. Limit 100.0)	1.8	mg/l	0828 07/05/94	1	EPA Method 6010	RJH
TCLP Cadmium (Reg. Limit 1.0)	1.6	mg/l	0828 07/05/94	.1	EPA Method 6010	RJH

Continued

INA-LAB CORP.
THE COMPLETE SERVICE LAB
P. O. BOX 9000 - KILGORE, TEXAS 75663-9000 - 903/984-0551 - FAX 903/984-5914
Analytical Chemistry • Utility Operations

PARAMETER	RESULTS	UNITS	ANALYZED	EQL	METHOD	BY
TCLP Chromium (Reg. Limit 5.0)	2.8	mg/l	0828 07/05/94	.2	EPA Method 6010	RJH
TCLP Mercury (Reg. Limit 0.2)	ND	mg/l	1530 07/05/94	.01	EPA Method 7470	GLW
TCLP Lead (Reg. Limit 5.0)	2.6	mg/l	0828 07/05/94	1	EPA Method 6010	RJH
TCLP Selenium (Reg. Limit 1.0)	ND	mg/l	0828 07/05/94	1	EPA Method 6010	RJH

Sample Preparation Steps for 272741

Metals Digestion TCLP 3010	50/5 S/B/A		1530 07/01/94	EPA Method 3010	GCM
Metals Digestion - TCLP 7470	50/5 S/A		1100 07/05/94	EPA Method 7470	KLG
TCLP Extraction: Non-Volatile	Solid Ext #1		1555 06/30/94	EPA Method 1311	CEL
TCLP Liquid-Liquid Extraction	100->1	ml->ml	1510 07/08/94	EPA Method 3510	LMB
Hydrocarbon Sonication Extract.	100/10	ml/g	1900 07/01/94	EPA Method 3550 *MOD	CRH
TCLP ZHE Volatile Extraction	100.0% Sol	Completed.	0915 07/01/94	EPA Method 1311	DDM

Quality Assurance for the SET with Sample 272741

le #	Description	Result	Units	Dup/Std Value	Spk Conc.	Percent	Time	Date	By
	Total Petroleum Hydrocarbon								
	Blank	<10	mg/l				1200	07/03/94	WMB
	Standard	155	mg/l	150		103	1200	07/03/94	WMB
	Standard	155	mg/l	150		103	1200	07/03/94	WMB
272740	Duplicate	9200	mg/kg	12000		126	1200	07/03/94	WMB
	TCLP Silver (Reg. Limit 5.0)								
	Blank	<.01	mg/l				0828	07/05/94	RJH
	Standard	1.9	mg/l	2.00		105	0828	07/05/94	RJH
	Standard	1.9	mg/l	2.0		105	0828	07/05/94	RJH
	Standard	.99	mg/l	1.0		101	0828	07/05/94	RJH
	Standard	1.9	mg/l	2.0		105	0828	07/05/94	RJH
	Standard	.96	mg/l	1.0		104	0828	07/05/94	RJH
	Standard	1.9	mg/l	2.0		105	0828	07/05/94	RJH
	Standard	1.0	mg/l	1.0		100	0828	07/05/94	RJH
272741	Duplicate	ND	mg/l	ND		100	0828	07/05/94	RJH
272724	Spike		mg/l		2.0	86	0828	07/05/94	RJH
272740	Spike		mg/l		1.0	100	0828	07/05/94	RJH
272744	Spike		mg/l		1.0	92	0828	07/05/94	RJH
272720	Spike		mg/l		1.0	96	0828	07/05/94	RJH
272721	Spike		mg/l		1.0	102	0828	07/05/94	RJH
272722	Spike		mg/l		1.0	92	0828	07/05/94	RJH
272723	Spike		mg/l		1.0	84	0828	07/05/94	RJH
272741	Spike		mg/l		1.0	79	0828	07/05/94	RJH
272742	Spike		mg/l		1.0	82	0828	07/05/94	RJH

TCLP Arsenic (Reg. Limit 5.0)

Continued

NA-LAB CORP.
THE COMPLETE SERVICE LAB

P. O. BOX 9000 – KILGORE, TEXAS 75663-9000 – 903/984-0551 – FAX 903/984-5914

Analytical Chemistry • Utility Operations

07/20/94

27CES/CEV
111 Engineers Way
Contr. F2960594A0014
Cannon AFB, NM 88103-5136
Attention: Capt. Walters

Sample Identification: Drum #940106 Call #36
Collected By: DW
Date & Time Taken: 06/28/94 1335

Bottle Data:

#01 - Unpreserved Glass
#02 - Unpreserved Glass
#03 - TCLP Extract
Derived in lab from: , 02 (50 g)
#04 - TCLP Extract for metals
Derived in lab from: 03 (300 ml)
#05 - TCLP Extract for metals
Derived in lab from: 04 (50 ml)
#06 - TCLP Extract for metals
Derived in lab from: 04 (50 ml)
#07 - TCLP Extract for TABN
Derived in lab from: 03 (1500 ml)
#08 - Metals Digestion
Derived in lab from: 05 (50 ml)
#09 - Metals Digestion
Derived in lab from: 04 (50 ml)
#10 - Metals Digestion
Derived in lab from: 06 (50 ml)
#11 - Metals Digestion
Derived in lab from: 04 (50 ml)

Sample Matrix: Solid
Lab Sample Number: 272742 **Received:** 06/29/94 **Client:** CAFB

PARAMETER	RESULTS	UNITS	ANALYZED	EQL	METHOD	BY
TCLP Pyridine (Reg. Limit 5)	ND	mg/l	0531 07/15/94	0.1	EPA Method 8270-TCLP	DLS
TCLP Carbon Tetrachloride (.5)	ND	mg/l	0209 07/01/94	0.1	EPA Method 8260-TCLP	DDM
TCLP Chlorobenzene (Limit 100)	ND	mg/l	0209 07/01/94	0.1	EPA Method 8260-TCLP	DDM
TCLP Chloroform (Reg. Limit 6.0)	ND	mg/l	0209 07/01/94	0.1	EPA Method 8260-TCLP	DDM
TCLP 1,4 Dichlorobenzene: RL 7.5	ND	mg/l	0531 07/15/94	0.1	EPA Method 8270-TCLP	DLS
TCLP 1,2-Dichloroethane (RL .5)	ND	mg/l	0209 07/01/94	0.1	EPA Method 8260-TCLP	DDM

Continued

INA-LAB CORP.
THE COMPLETE SERVICE LAB
P. O. BOX 9000 - KILGORE, TEXAS 75663-9000 - 903/984-0551 - FAX 903/984-5914
Analytical Chemistry • Utility Operations

07/20/94

272742 Continued

PARAMETER	RESULTS	UNITS	ANALYZED	EQL	METHOD	BY
TCLP 1,1-Dichloroethene (.7)	ND	mg/l	0209 07/01/94	0.1	EPA Method 8260-TCLP	DDM
TCLP 2,4-Dinitrotoluene (.13)	ND	mg/l	0531 07/15/94	0.1	EPA Method 8270-TCLP	DLS
TCLP Hexachlorobenzene (.13)	ND	mg/l	0531 07/15/94	0.1	EPA Method 8270-TCLP	DLS
TCLP Hexachlorobutadiene (.5)	ND	mg/l	0531 07/15/94	0.1	EPA Method 8270-TCLP	DLS
TCLP Hexachlorethane (Limit 3)	ND	mg/l	0531 07/15/94	0.1	EPA Method 8270-TCLP	DLS
TCLP Nitrobenzene (Limit 2)	ND	mg/l	0531 07/15/94	0.1	EPA Method 8270-TCLP	DLS
TCLP Pentachlorophenol (100)	ND	mg/l	0531 07/15/94	0.5	EPA Method 8270-TCLP	DLS
TCLP Tetrachloroethylene (.7)	ND	mg/l	0209 07/01/94	0.1	EPA Method 8260-TCLP	DDM
TCLP Trichloroethylene (.5)	ND	mg/l	0209 07/01/94	0.1	EPA Method 8260-TCLP	DDM
2,4,6-Trichlorophenol (2)	ND	mg/l	0531 07/15/94	0.1	EPA Method 8270-TCLP	DLS
TCLP Vinyl Chloride (.2)	ND	mg/l	0209 07/01/94	0.2	EPA Method 8260-TCLP	DDM
TCLP 2,4,5-Trichlorophenol (400)	ND	mg/l	0531 07/15/94	0.1	EPA Method 8270-TCLP	DLS
TCLP Total Cresols (Reg Lim 200)	ND	mg/l	0531 07/15/94	0.1	EPA Method 8270-TCLP	DLS
TCLP MEK (Reg. Limit 200)	ND	mg/l	0209 07/01/94	2.0	EPA Method 8260-TCLP	DDM
Total Petroleum Hydrocarbon	24000	mg/kg	1200 07/03/94	800	EPA Method 418.1	WMB
TCLP Benzene (Reg. Limit 0.5)	ND	mg/l	0209 07/01/94	0.1	EPA Method 8260-TCLP	DDM
TCLP Silver (Reg. Limit 5.0)	ND	mg/l	0828 07/05/94	.01	EPA Method 6010	RJH
TCLP Arsenic (Reg. Limit 5.0)	ND	mg/l	0828 07/05/94	.1	EPA Method 6010	RJH
TCLP Barium (Reg. Limit 100.0)	26	mg/l	0828 07/05/94	1	EPA Method 6010	RJH
TCLP Cadmium (Reg. Limit 1.0)	23	mg/l	0828 07/05/94	.01	EPA Method 6010	RJH
TCLP Chromium (Reg. Limit 5.0)	.09	mg/l	0828 07/05/94	.02	EPA Method 6010	RJH
TCLP Mercury (Reg. Limit 0.2)	ND	mg/l	1530 07/05/94	.001	EPA Method 7470	GLW
Lead (Reg. Limit 5.0)	25	mg/l	0828 07/05/94	.1	EPA Method 6010	RJH

Continued

NA-LAB CORP.
THE COMPLETE SERVICE LAB
P. O. BOX 9000 - KILGORE, TEXAS 75663-9000 - 903/984-0551 - FAX 903/984-5914
Analytical Chemistry • Utility Operations

PARAMETER	RESULTS	UNITS	ANALYZED	EQL	METHOD	BY
TCLP Selenium (Reg. Limit 1.0)	ND	mg/l	0828 07/05/94	.1	EPA Method 6010	RJH

Sample Preparation Steps for 272742

TCLP Extraction: Non-Volatile	Solid Ext #1		1555 06/30/94	EPA Method 1311	CEL
TCLP Liquid-Liquid Extraction	100->1	ml->ml	1500 07/08/94	EPA Method 3510	LMB
Hydrocarbon Sonication Extract.	100/10	ml/g	1900 07/01/94	EPA Method 3550 *MOD	CRH
TCLP ZHE Volatile Extraction	100.0% Sol	Completed.	0915 07/01/94	EPA Method 1311	DDM
Metals Digestion TCLP 3010	50/50 S/A		1530 07/01/94	EPA Method 3010	GCM
Metals Digestion - TCLP 7470	50/50 S/A		1100 07/05/94	EPA Method 7470	KLG

Quality Assurance for the SET with Sample 272742

Sample #	Description	Result	Units	Dup/Std Value	Spk Conc.	Percent	Time	Date	By
	Total Petroleum Hydrocarbon								
	Blank	<10	mg/l				1200	07/03/94	WMB
	Standard	155	mg/l	150		103	1200	07/03/94	WMB
	Standard	155	mg/l	150		103	1200	07/03/94	WMB
272740	Duplicate	9200	mg/kg	12000		126	1200	07/03/94	WMB
	TCLP Silver (Reg. Limit 5.0)								
	Blank	<.01	mg/l				0828	07/05/94	RJH
	Standard	1.9	mg/l	2.00		105	0828	07/05/94	RJH
	Standard	1.9	mg/l	2.0		105	0828	07/05/94	RJH
	Standard	.99	mg/l	1.0		101	0828	07/05/94	RJH
	Standard	1.9	mg/l	2.0		105	0828	07/05/94	RJH
	Standard	.96	mg/l	1.0		104	0828	07/05/94	RJH
	Standard	1.9	mg/l	2.0		105	0828	07/05/94	RJH
	Standard	1.0	mg/l	1.0		100	0828	07/05/94	RJH
272741	Duplicate	ND	mg/l	ND		100	0828	07/05/94	RJH
272724	Spike		mg/l		2.0	86	0828	07/05/94	RJH
272740	Spike		mg/l		1.0	100	0828	07/05/94	RJH
272744	Spike		mg/l		1.0	92	0828	07/05/94	RJH
272720	Spike		mg/l		1.0	96	0828	07/05/94	RJH
272721	Spike		mg/l		1.0	102	0828	07/05/94	RJH
272722	Spike		mg/l		1.0	92	0828	07/05/94	RJH
272723	Spike		mg/l		1.0	84	0828	07/05/94	RJH
272741	Spike		mg/l		1.0	79	0828	07/05/94	RJH
272742	Spike		mg/l		1.0	82	0828	07/05/94	RJH
	TCLP Arsenic (Reg. Limit 5.0)								
	Blank	<.1	mg/l				0828	07/05/94	RJH
	Standard	9.5	mg/l	10		105	0828	07/05/94	RJH
	Standard	9.8	mg/l	10		102	0828	07/05/94	RJH
	Standard	4.9	mg/l	5.0		102	0828	07/05/94	RJH
	Standard	10	mg/l	10		100	0828	07/05/94	RJH
	Standard	4.8	mg/l	5.0		104	0828	07/05/94	RJH
	Standard	10	mg/l	10		100	0828	07/05/94	RJH

Continued

NA-LAB CORP.
THE COMPLETE SERVICE LAB

P. O. BOX 9000 – KILGORE, TEXAS 75663-9000 – 903/984-0551 – FAX 903/984-5914

Analytical Chemistry • Utility Operations

07/20/94

27CES/CEV
111 Engineers Way
Contr. F2960594A0014
Cannon AFB, NM 88103-5136
Attention: Capt. Walters

Sample Identification: Dust from vacumn Call #37
Collected By: DW
Date & Time Taken: 06/28/94 1320

Bottle Data:

#01 - Unpreserved Glass
#02 - TCLP Extract
Derived in lab from: 01 (100 g)
#03 - TCLP Extract for metals
Derived in lab from: 02 (300 ml)
#04 - TCLP Extract for metals
Derived in lab from: 03 (50 ml)
#05 - TCLP Extract for metals
Derived in lab from: 03 (50 ml)
#06 - TCLP Extract for TABN
Derived in lab from: 02 (1500 ml)
#07 - Metals Digestion
Derived in lab from: 04 (50 ml)
#08 - Metals Digestion
Derived in lab from: 03 (50 ml)
#09 - Metals Digestion
Derived in lab from: 05 (50 ml)
#10 - Metals Digestion
Derived in lab from: 03 (50 ml)

Sample Matrix: Solid
Lab Sample Number: 272740 **Received:** 06/29/94 **Client:** CAFB

PARAMETER	RESULTS	UNITS	ANALYZED	EQL	METHOD	BY
TCLP Pyridine (Reg. Limit 5)	ND	mg/l	0244 07/15/94	0.1	EPA Method 8270-TCLP	DLS
TCLP Carbon Tetrachloride (.5)	ND	mg/l	1204 07/01/94	0.05	EPA Method 8260-TCLP	DDM
TCLP Chlorobenzene (Limit 100)	ND	mg/l	1204 07/01/94	0.05	EPA Method 8260-TCLP	DDM
TCLP Chloroform (Reg. Limit 6.0)	ND	mg/l	1204 07/01/94	0.05	EPA Method 8260-TCLP	DDM
TCLP 1,4 Dichlorobenzene: RL 7.5	ND	mg/l	0244 07/15/94	0.1	EPA Method 8270-TCLP	DLS
1,2-Dichloroethane (RL .5)	ND	mg/l	1204 07/01/94	0.05	EPA Method 8260-TCLP	DDM

Continued

NA-LAB CORP.
THE COMPLETE SERVICE LAB
P. O. BOX 9000 – KILGORE, TEXAS 75663-9000 – 903/984-0551 – FAX 903/984-5914
Analytical Chemistry • Utility Operations

PARAMETER	RESULTS	UNITS	ANALYZED	EQL	METHOD	BY
TCLP 1,1-Dichloroethene (.7)	ND	mg/l	1204 07/01/94	0.05	EPA Method 8260-TCLP	DDM
TCLP 2,4-Dinitrotoluene (.13)	ND	mg/l	0244 07/15/94	0.1	EPA Method 8270-TCLP	DLS
TCLP Hexachlorobenzene (.13)	ND	mg/l	0244 07/15/94	0.1	EPA Method 8270-TCLP	DLS
TCLP Hexachlorobutadiene (.5)	ND	mg/l	0244 07/15/94	0.1	EPA Method 8270-TCLP	DLS
TCLP Hexachlorethane (Limit 3)	ND	mg/l	0244 07/15/94	0.1	EPA Method 8270-TCLP	DLS
TCLP Nitrobenzene (Limit 2)	ND	mg/l	0244 07/15/94	0.1	EPA Method 8270-TCLP	DLS
TCLP Pentachlorophenol (100)	ND	mg/l	0244 07/15/94	0.5	EPA Method 8270-TCLP	DLS
TCLP Tetrachloroethylene (.7)	ND	mg/l	1204 07/01/94	0.05	EPA Method 8260-TCLP	DDM
TCLP Trichloroethylene (.5)	ND	mg/l	1204 07/01/94	0.05	EPA Method 8260-TCLP	DDM
TCLP 2,4,6-Trichlorophenol (2)	ND	mg/l	0244 07/15/94	0.1	EPA Method 8270-TCLP	DLS
Vinyl Chloride (.2)	ND	mg/l	1204 07/01/94	0.1	EPA Method 8260-TCLP	DDM
TCLP 2,4,5-Trichlorophenol (400)	ND	mg/l	0244 07/15/94	0.1	EPA Method 8270-TCLP	DLS
TCLP Total Cresols (Reg Lim 200)	ND	mg/l	0244 07/15/94	0.1	EPA Method 8270-TCLP	DLS
TCLP MEK (Reg. Limit 200)	ND	mg/l	1204 07/01/94	1.0	EPA Method 8260-TCLP	DDM
Total Petroleum Hydrocarbon	11000	mg/kg	1200 07/03/94	300	EPA Method 418.1	WMB
TCLP Benzene (Reg. Limit 0.5)	ND	mg/l	1204 07/01/94	0.05	EPA Method 8260-TCLP	DDM
TCLP Silver (Reg. Limit 5.0)	ND	mg/l	0828 07/05/94	.01	EPA Method 6010	RJH
TCLP Arsenic (Reg. Limit 5.0)	ND	mg/l	0828 07/05/94	.1	EPA Method 6010	RJH
TCLP Barium (Reg. Limit 100.0)	2.6	mg/l	0828 07/05/94	1	EPA Method 6010	RJH
TCLP Cadmium (Reg. Limit 1.0)	7.4	mg/l	0828 07/05/94	.01	EPA Method 6010	RJH
TCLP Chromium (Reg. Limit 5.0)	31	mg/l	0828 07/05/94	.02	EPA Method 6010	RJH
TCLP Mercury (Reg. Limit 0.2)	ND	mg/l	1530 07/05/94	.001	EPA Method 7470	GLW
TCLP Lead (Reg. Limit 5.0)	ND	mg/l	0828 07/05/94	.1	EPA Method 6010	RJH
TCLP Selenium (Reg. Limit 1.0)	ND	mg/l	0828 07/05/94	.1	EPA Method 6010	RJH

Continued

INA-LAB CORP.
THE COMPLETE SERVICE LAB
P. O. BOX 9000 – KILGORE, TEXAS 75663-9000 – 903/984-0551 – FAX 903/984-5914
Analytical Chemistry • Utility Operations

Sample Preparation Steps for 272740

PARAMETER	RESULTS	UNITS	ANALYZED	EQL	METHOD	BY
TCLP Extraction: Non-Volatile	Solid Ext #1		1555 06/30/94		EPA Method 1311	CEL
TCLP Liquid-Liquid Extraction	100->1	ml->ml	1511 07/08/94		EPA Method 3510	LMB
Hydrocarbon Sonication Extract.	100/30	ml/g	1900 07/01/94		EPA Method 3550 *MOD	CRH
TCLP ZHE Volatile Extraction	100.0% Sol	Completed.	0915 07/01/94		EPA Method 1311	DDM
Metals Digestion - TCLP 3010	50/50 S/A		1530 07/01/94		EPA Method 3010	GCM
Metals Digestion - TCLP 7470	50/50 S/A		1100 07/05/94		EPA Method 7470	KLG

Quality Assurance for the SET with Sample 272740

Sample #	Description	Result	Units	Dup/Std Value	Spk Conc.	Percent	Time	Date	By
	Total Petroleum Hydrocarbon								
	Blank	<10	mg/l			-	1200	07/03/94	WMB
	Standard	155	mg/l	150		103	1200	07/03/94	WMB
	Standard	155	mg/l	150		103	1200	07/03/94	WMB
272740	Duplicate	9200	mg/kg	12000		126	1200	07/03/94	WMB
	TCLP Silver (Reg. Limit 5.0)								
	Blank	<.01	mg/l				0828	07/05/94	RJH
	Standard	1.9	mg/l	2.00		105	0828	07/05/94	RJH
	Standard	1.9	mg/l	2.0		105	0828	07/05/94	RJH
	Standard	.99	mg/l	1.0		101	0828	07/05/94	RJH
	Standard	1.9	mg/l	2.0		105	0828	07/05/94	RJH
	Standard	.96	mg/l	1.0		104	0828	07/05/94	RJH
	Standard	1.9	mg/l	2.0		105	0828	07/05/94	RJH
	Standard	1.0	mg/l	1.0		100	0828	07/05/94	RJH
272741	Duplicate	ND	mg/l	ND		100	0828	07/05/94	RJH
272724	Spike		mg/l		2.0	86	0828	07/05/94	RJH
272740	Spike		mg/l		1.0	100	0828	07/05/94	RJH
272744	Spike		mg/l		1.0	92	0828	07/05/94	RJH
272720	Spike		mg/l		1.0	96	0828	07/05/94	RJH
272721	Spike		mg/l		1.0	102	0828	07/05/94	RJH
272722	Spike		mg/l		1.0	92	0828	07/05/94	RJH
272723	Spike		mg/l		1.0	84	0828	07/05/94	RJH
272741	Spike		mg/l		1.0	79	0828	07/05/94	RJH
272742	Spike		mg/l		1.0	82	0828	07/05/94	RJH
	TCLP Arsenic (Reg. Limit 5.0)								
	Blank	<.1	mg/l				0828	07/05/94	RJH
	Standard	9.5	mg/l	10		105	0828	07/05/94	RJH
	Standard	9.8	mg/l	10		102	0828	07/05/94	RJH
	Standard	4.9	mg/l	5.0		102	0828	07/05/94	RJH
	Standard	10	mg/l	10		100	0828	07/05/94	RJH
	Standard	4.8	mg/l	5.0		104	0828	07/05/94	RJH
	Standard	10	mg/l	10		100	0828	07/05/94	RJH
	Standard	5.3	mg/l	5.0		106	0828	07/05/94	RJH

Continued

INA-LAB CORP.
THE COMPLETE SERVICE LAB
P. O. BOX 9000 – KILGORE, TEXAS 75663-9000 – 903/984-0551 – FAX 903/984-5914
Analytical Chemistry • Utility Operations

Sample #	Description	Result	Units	Dup/Std Value	Spk Conc.	Percent	Time	Date	By
272741	Duplicate	ND	mg/l	ND		100	0828	07/05/94	RJH
272724	Spike		mg/l		5.0	98	0828	07/05/94	RJ
272740	Spike		mg/l		5.0	93	0828	07/05/94	RJ
272744	Spike		mg/l		5.0	100	0828	07/05/94	RJH
272720	Spike		mg/l		5.0	97	0828	07/05/94	RJ
272721	Spike		mg/l		5.0	95	0828	07/05/94	RJ
272722	Spike		mg/l		5.0	99	0828	07/05/94	RJH
272723	Spike		mg/l		5.0	95	0828	07/05/94	RJH
272741	Spike		mg/l		5.0	92	0828	07/05/94	RJ
272742	Spike		mg/l		5.0	90	0828	07/05/94	RJH

TCLP Barium (Reg. Limit 100.0)

	Blank	<1	mg/l				0828	07/05/94	RJ
	Standard	9.5	mg/l	10		105	0828	07/05/94	RJH
	Standard	9.7	mg/l	10		103	0828	07/05/94	RJ
	Standard	5.0	mg/l	5.0		100	0828	07/05/94	RJ
	Standard	9.5	mg/l	10		105	0828	07/05/94	RJH
	Standard	4.8	mg/l	5.0		104	0828	07/05/94	RJH
	Standard	9.5	mg/l	10		105	0828	07/05/94	RJ
	Standard	5.1	mg/l	5.0		102	0828	07/05/94	RJH
272741	Duplicate	1.7	mg/l	1.8		106	0828	07/05/94	RJH
272724	Spike		mg/l		5.0	97	0828	07/05/94	RJ
272740	Spike		mg/l		5.0	106	0828	07/05/94	RJ
272744	Spike		mg/l		5.0	102	0828	07/05/94	RJH
272720	Spike		mg/l		5.0	98	0828	07/05/94	RJH
272721	Spike		mg/l		5.0	101	0828	07/05/94	RJ
272722	Spike		mg/l		5.0	100	0828	07/05/94	RJH
272723	Spike		mg/l		5.0	94	0828	07/05/94	RJH
272741	Spike		mg/l		5.0	100	0828	07/05/94	RJ
272742	Spike		mg/l		5.0	94	0828	07/05/94	RJH

TCLP Cadmium (Reg. Limit 1.0)

	Blank	<.01	mg/l				0828	07/05/94	RJ
	Standard	4.7	mg/l	5.0		106	0828	07/05/94	RJH
	Standard	4.7	mg/l	5.0		106	0828	07/05/94	RJH
	Standard	2.5	mg/l	2.5		100	0828	07/05/94	RJ
	Standard	4.7	mg/l	5.0		106	0828	07/05/94	RJH
	Standard	2.4	mg/l	2.5		104	0828	07/05/94	RJH
	Standard	4.8	mg/l	5.0		104	0828	07/05/94	RJ
	Standard	2.6	mg/l	2.5		104	0828	07/05/94	RJ
272741	Duplicate	1.5	mg/l	1.6		106	0828	07/05/94	RJH
272724	Spike		mg/l		1.0	100	0828	07/05/94	RJ
272744	Spike		mg/l		1.0	103	0828	07/05/94	RJ
`720	Spike		mg/l		1.0	94	0828	07/05/94	RJH
21	Spike		mg/l		1.0	99	0828	07/05/94	RJH
..2722	Spike		mg/l		1.0	99	0828	07/05/94	RJ

Continued

INA·LAB CORP.
THE COMPLETE SERVICE LAB
P. O. BOX 9000 – KILGORE, TEXAS 75663-9000 – 903/984-0551 – FAX 903/984-5914
Analytical Chemistry • Utility Operations

Sample #	Description	Result	Units	Dup/Std Value	Spk Conc.	Percent	Time	Date	By
272723	Spike		mg/l		1.0	96	0828	07/05/94	RJH
272741	Spike		mg/l		1.0	100	0828	07/05/94	RJH
272742	Spike		mg/l		1.0	103	0828	07/05/94	RJH

TCLP Chromium (Reg. Limit 5.0)

	Blank	<.02	mg/l				0828	07/05/94	RJH
	Standard	9.6	mg/l	10		104	0828	07/05/94	RJH
	Standard	9.5	mg/l	10		105	0828	07/05/94	RJH
	Standard	4.7	mg/l	5.0		106	0828	07/05/94	RJH
	Standard	9.5	mg/l	10		105	0828	07/05/94	RJH
	Standard	4.8	mg/l	5.0		104	0828	07/05/94	RJH
	Standard	9.7	mg/l	10		103	0828	07/05/94	RJH
	Standard	5.2	mg/l	5.0		104	0828	07/05/94	RJH
272741	Duplicate	2.8	mg/l	2.9		104	0828	07/05/94	RJH
272724	Spike		mg/l		5.0	91	0828	07/05/94	RJH
272740	Spike		mg/l		5000	108	0828	07/05/94	RJH
272744	Spike		mg/l		5.0	99	0828	07/05/94	RJH
272720	Spike		mg/l		5.0	91	0828	07/05/94	RJH
21	Spike		mg/l		5.0	95	0828	07/05/94	RJH
/22	Spike		mg/l		5.0	92	0828	07/05/94	RJH
272723	Spike		mg/l		5.0	93	0828	07/05/94	RJH
272741	Spike		mg/l		5.0	98	0828	07/05/94	RJH
272742	Spike		mg/l		5.0	92	0828	07/05/94	RJH

TCLP Mercury (Reg. Limit 0.2)

	Blank	<.001	mg/l				1530	07/05/94	GLW
	Blank	.001	mg/l				1530	07/05/94	GLW
	Standard	.009	mg/l	.010		111	1530	07/05/94	GLW
	Standard	.026	mg/l	.025		104	1530	07/05/94	GLW
	Standard	.010	mg/l	.010		100	1530	07/05/94	GLW
	Standard	.009	mg/l	.010		111	1530	07/05/94	GLW
	Standard	.010	mg/l	.010		100	1530	07/05/94	GLW
	Standard	.009	mg/l	.010		111	1530	07/05/94	GLW
	Standard	.009	mg/l	.010		111	1530	07/05/94	GLW
	Standard	.010	mg/l	.010		100	1530	07/05/94	GLW
	Standard	.010	mg/l	.010		100	1530	07/05/94	GLW
	Standard	.011	mg/l	.010		110	1530	07/05/94	GLW
	Standard	.009	mg/l	.010		111	1530	07/05/94	GLW
272743	Duplicate	ND	mg/l	ND		100	1530	07/05/94	GLW
272496	Duplicate	ND	mg/l	ND		100	1530	07/05/94	GLW
272554	Duplicate	ND	mg/l	ND		100	1530	07/05/94	GLW
272712	Spike		mg/l		.010	100	1530	07/05/94	GLW
272743	Spike		mg/l		.010	92	1530	07/05/94	GLW
`953	Spike		mg/l		.010	79	1530	07/05/94	GLW
49	Spike		mg/l		.010	89	1530	07/05/94	GLW
..2496	Spike		mg/l		.010	112	1530	07/05/94	GLW

Continued

INA-LAB CORP.
THE COMPLETE SERVICE LAB
P. O. BOX 9000 – KILGORE, TEXAS 75663-9000 – 903/984-0551 – FAX 903/984-5914
Analytical Chemistry • Utility Operations

Sample #	Description	Result	Units	Dup/Std Value	Spk Conc.	Percent	Time	Date	By
272535	Spike		mg/l		.010	89	1530	07/05/94	GLW
272554	Spike		mg/l		.010	88	1530	07/05/94	GLW
272720	Spike		mg/l		.010	110	1530	07/05/94	GLW
272721	Spike		mg/l		.010	115	1530	07/05/94	GLW
272722	Spike		mg/l		.010	127	1530	07/05/94	GLW
272723	Spike		mg/l		.010	96	1530	07/05/94	GLW
272741	Spike		mg/l		.010	86	1530	07/05/94	GLW
272742	Spike		mg/l		.010	72	1530	07/05/94	GLW
272724	Spike		mg/l		.010	83	1530	07/05/94	GLW
272740	Spike		mg/l		.010	86	1530	07/05/94	GLW
272744	Spike		mg/l		.010	99	1530	07/05/94	GLW

TCLP Lead (Reg. Limit 5.0)

	Blank	<.1	mg/l				0828	07/05/94	RJH
	Standard	9.6	mg/l	10		104	0828	07/05/94	RJH
	Standard	9.8	mg/l	10		102	0828	07/05/94	RJH
	Standard	5.2	mg/l	5.0		104	0828	07/05/94	RJH
	Standard	9.7	mg/l	10		103	0828	07/05/94	RJH
	Standard	4.7	mg/l	5.0		106	0828	07/05/94	RJH
	Standard	9.7	mg/l	10		103	0828	07/05/94	RJH
	Standard	5.2	mg/l	5.0		104	0828	07/05/94	RJH
272741	Duplicate	2.9	mg/l	2.4		119	0828	07/05/94	RJH
272724	Spike		mg/l		5.0	88	0828	07/05/94	RJH
272740	Spike		mg/l		5.0	103	0828	07/05/94	RJH
272744	Spike		mg/l		5.0	104	0828	07/05/94	RJH
272720	Spike		mg/l		5.0	97	0828	07/05/94	RJH
272721	Spike		mg/l		5.0	99	0828	07/05/94	RJH
272722	Spike		mg/l		5.0	101	0828	07/05/94	RJH
272723	Spike		mg/l		5.0	97	0828	07/05/94	RJH
272741	Spike		mg/l		5.0	101	0828	07/05/94	RJH
272742	Spike		mg/l		5.0	102	0828	07/05/94	RJH

TCLP Selenium (Reg. Limit 1.0)

	Blank	<.1	mg/l				0828	07/05/94	RJH
	Standard	9.2	mg/l	10		108	0828	07/05/94	RJH
	Standard	9.8	mg/l	10		102	0828	07/05/94	RJH
	Standard	4.8	mg/l	5.0		104	0828	07/05/94	RJH
	Standard	9.5	mg/l	10		105	0828	07/05/94	RJH
	Standard	4.6	mg/l	5.0		108	0828	07/05/94	RJH
	Standard	9.8	mg/l	10		102	0828	07/05/94	RJH
	Standard	5.0	mg/l	5.0		100	0828	07/05/94	RJH
272741	Duplicate	ND	mg/l	ND		100	0828	07/05/94	RJH
[illegible]724	Spike		mg/l		1.0	92	0828	07/05/94	RJH
[illegible]40	Spike		mg/l		1.0	91	0828	07/05/94	RJH
[illegible]4744	Spike		mg/l		1.0	88	0828	07/05/94	RJH

Continued

INA-LAB CORP.
THE COMPLETE SERVICE LAB
P. O. BOX 9000 – KILGORE, TEXAS 75663-9000 – 903/984-0551 – FAX 903/984-5914
Analytical Chemistry • Utility Operations

Sample #	Description	Result	Units	Dup/Std Value	Spk Conc.	Percent	Time	Date	By
272720	Spike		mg/l		1.0	91	0828	07/05/94	RJH
272721	Spike		mg/l		1.0	87	0828	07/05/94	RJH
272722	Spike		mg/l		1.0	97	0828	07/05/94	RJH
272723	Spike		mg/l		1.0	86	0828	07/05/94	RJH
272741	Spike		mg/l		1.0	93	0828	07/05/94	RJH
272742	Spike		mg/l		5.0	92	0828	07/05/94	RJH

lank

Compound	Result
enzene	ND
hlorobenzene	ND
1,1-Dichloroethene	ND
oluene	ND
richloroethene	ND

Instrument Tune

	Reference Mass	Min Abundance	Max Abundance	Result	Status
BFB Mass 50	95	15.0	40.0	27.5	PASS
FB Mass 75	95	30.0	60.0	49.2	PASS
FB Mass 95	95	100	100	100.0	PASS
BFB Mass 96	95	5.00	9.00	6.5	PASS
BFB Mass 173	174	0	2.00	0.0	PASS
FB Mass 174	95	50.0	100	54.7	PASS
BFB Mass 175	174	5.00	9.00	6.3	PASS
BFB Mass 176	174	95.0	101	98.8	PASS
B Mass 177	176	5.00	9.00	5.7	PASS

Instrument Calibration Check

mpound	Max %Rel. Std.	%Deviation	Status
Chloroform	25.0	-3.0	PASS
1,1-Dichloroethene	25.0	4.5	PASS
2-Dichloropropane	25.0	-11.9	PASS
thyl benzene	25.0	-4.6	PASS
Toluene	25.0	-6.5	PASS
nyl Chloride	25.0	11.9	PASS

Instrument System Performance Check

mpound	Min Response Factor	Response Factor	Status
Br form	.2500	0.512	PASS
enzene	.3000	1.305	PASS
omethane	.3000	0.467	PASS

Continued

INA-LAB CORP.
THE COMPLETE SERVICE LAB
P. O. BOX 9000 – KILGORE, TEXAS 75663-9000 – 903/984-0551 – FAX 903/984-5914
Analytical Chemistry • Utility Operations

PARAMETER	RESULTS	UNITS	ANALYZED	EQL	METHOD	BY
1-Dichloroethane	.3000	1.667	PASS			
1,1,2,2-Tetrachloroethane	.3000	2.129	PASS			

rrogate/Spike on Sample 272740

Compound	Result	Concentration	%Recovery
bromofluoromethane	50	50	100
luene-d8	49	50	98
Bromofluorobenzene-SURR	47	50	94

trix Spike on Sample 272740

Compound	Recovery (%)	Concentration
LP Benzene (Reg. Limit 0.5)	99	100
LP Carbon Tetrachloride (.5)	96	100
TCLP Chlorobenzene (Limit 100)	95	100
LP Chloroform (Reg. Limit 6.0)	90	100
LP 1,2-Dichloroethane (RL .5)	100	100
TCLP 1,1-Dichloroethene (.7)	73	100
trachloroethylene (.7)	96	100
richloroethylene (.5)	98	100
TCLP Vinyl Chloride (.2)	79	100
TCLP MEK (Reg. Limit 200)	88	200

ternal Standard Areas on Sample 272740

Compound	ISM Area	CCC ISM Area	Status
ntafluorobenzene-ISTD	272800	261800	PASS
1,4-Difluorobenzene-ISTD	296800	280800	PASS
orobenzene-d5-ISTD	226000	209900	PASS
4-Dichlorobenzene-d4-ISTD	105700	91980	PASS

Instrument Tune

ss	Reference Mass	Min Abundance	Max Abundance	Result	Status
DFTPP Mass 51	198	30.0	60.0	35.3	PASS
TPP Mass 68	69	0	2.00	0.0	PASS
TPP Mass 69	198	0	100	48.8	PASS
DFTPP Mass 70	69	0	2.00	0.4	PASS
DFTPP Mass 127	198	40.0	60.0	45.5	PASS
TPP Mass 197	198	0	1.00	0.0	PASS
DFTPP Mass 198	198	100	100	100.0	PASS
DFTPP Mass 199	198	5.00	9.00	6.5	PASS
TPP Mass 275	198	10.0	30.0	24.1	PASS
Mass 365	198	1.00	100	3.7	PASS
ass 441	443	0	100	77.1	PASS
Mass 442	198	40.0	100	68.5	PASS

Continued

INA-LAB CORP.
THE COMPLETE SERVICE LAB
P. O. BOX 9000 – KILGORE, TEXAS 75663-9000 – 903/984-0551 – FAX 903/984-5914
Analytical Chemistry • Utility Operations

PARAMETER		RESULTS	UNITS	ANALYZED	EQL	METHOD	BY
DFTPP Mass 443	442	17.0	23.0	19.1	PASS		

Instrument Calibration Check

Compound	Max %Rel. Std.	%Deviation	Status
Acenaphthene	30.0	6.5	PASS
Benzo(a)pyrene	30.0	8.3	PASS
4-Chloro-3-methylphenol	30.0	-1.9	PASS
1,4-Dichlorobenzene	30.0	6.1	PASS
2,4-Dichlorophenol	30.0	-4.6	PASS
Di-n-octylphthalate	30.0	18.0	PASS
Fluoranthene	30.0	8.8	PASS
Hexachlorobutadiene	30.0	-25.7	PASS
2-Nitrophenol	30.0	3.4	PASS
N-nitrosodiphenylamine	30.0	3.0	PASS
Pentachlorophenol	30.0	29.3	PASS
Phenol	30.0	29.6	PASS
2,4,6-Trichlorophenol	30.0	-12.1	PASS

ent System Performance Check

C nd	Min Response Factor	Response Factor	Status
2,4-Dinitrophenol	.0500	0.086	PASS
Hexachlorocyclopentadiene	.0500	0.459	PASS
4-Nitrophenol	.0500	0.089	PASS
N-Nitrosodi-n-propylamine	.0500	0.790	PASS

Surrogate/Spike on Sample 272740

Compound	Result	Concentration	%Recovery
2,4,6-Tribromophenol	120	100	120
2-Fluorophenol-SURR	60	100	60
Phenol-d6-SURR	61	100	61
Nitrobenzene-d5-SURR	37	50	74
2-Fluorobiphenyl-SURR	35	50	70
4-Terphenyl-d14-SURR	51	50	100

Matrix Spike on Sample 272740

Compound	Recovery (%)	Concentration
TCLP 1,4 Dichlorobenzene: RL 7.5	85	100
TCLP 2,4-Dinitrotoluene (.13)	95	100
TCLP Hexachlorobutadiene (.5)	100	100
TCLP Hexachlorethane (Limit 3)	91	100
T itrobenzene (Limit 2)	120	100
ntachlorophenol (100)	130	100
TC 2,4,6-Trichlorophenol (2)	120	100

Continued

INA-LAB CORP.
THE COMPLETE SERVICE LAB

P. O. BOX 9000 - KILGORE, TEXAS 75663-9000 - 903/984-0551 - FAX 903/984-5914

Analytical Chemistry • Utility Operations

PARAMETER	RESULTS	UNITS	ANALYZED	EQL	METHOD	BY
TCLP 2,4,5-Trichlorophenol (400)	96	100				
TCLP Total Cresols (Reg Lim 200)	120	200				
TCLP Pyridine (Reg. Limit 5)	81	100				

Internal Standard Areas on Sample 272740

Compound	ISM Area	CCC ISM Area	Status
1,4-Dichlorobenzene-d4-ISTD	54690	77510	PASS
Naphthalene-d8-ISTD	203400	293500	PASS
naphthene-d10-ISTD	116900	142000	PASS
Phenanthrene-d10-ISTD	130900	166700	PASS

EQL is Estimated Quantitation Limit. The EQL takes into account the Instrument Detection Limit (IDL), Method Detection Limit (MDL), and Practical Quantitation Limit (PQL). Our analytical result must be above our EQL before we report a value for any parameter. Otherwise, we report ND (Not Detected above EQL).

I certify that the results were generated using the above specified methods.

C. H. Whiteside

C.H. Whiteside, Ph.D., President

ANA-LAB CORP.
THE COMPLETE SERVICE LAB

Chain of Custody Form

P.O. Box 9000
Kilgore, TX 75663-9000
2600 Dudley Road
Kilgore, TX 75662
(903)984-0551
(903)984-5914 FAX

Client Code:

Company Name: Cannon AFB Report To: Vera Wood	Project Name: Sanding Operation
Address:	Billing Address (if different):
City: Clovis State: NM Zip Code:	
Telephone: FAX #:	Billing Telephone#:
Sampler Signature: Daryl Watson	Purchase Order Number:

Requested Turnaround Time: ☐ 10 Working Days ☐ 5 Working Days ☐ 2 Working Days ☐ 24 Hours ☐ 2-8 Hours

Analysis Requested

Ana-Lab Number	Field Identification	Date	Time	Sample Matrix	No. Containers	TCLP metals	TCLP Volatiles	TCLP Semi-volatiles	TPH 418.1						Comments
1.	Dust from Vacumn-call #37	6-28-94	1320	S	1	✓	✓	✓	✓						
2. 272740															
3.															* See attached
5.															
6.															
7.															
8.															

Relinquished by: Daryl Watson	Date: 6-28-94	Time: 1830	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received by: PD	Date: 6-29	Time: 1644

Samples Received On Ice? ☐ Yes ☐ No Temperature: °C Method of Shipment:

Container Id Cooler/Sample Secure ☐ Yes ☐ No

HWPS and Laboratory Analysis for Used Citrikleen

UKMU ~~BOW~~ CEV file copy

HAZARDOUS WASTE PROFILE SHEET

PART I

'NERAL INFORMATION

WASTE PROFILE NO. 94EMR519

WASTE STREAM # SO-025

1. GENERATOR NAME: Armanments

2. FACILITY ADDRESS: 27 EMS/EMR Bldg 122 (4-2085)
207 East Trident
Cannon AFB NM

5. ZIP CODE: 88103-5000

3. GENERATOR USEPA ID: NM7572124454

4. GENERATOR STATE ID: 99935

6. TECHNICAL CONTACT: Vera A. Wood, GS-11, 27 CES/CEVC

7. TITLE: H.W. Program Mgr.

PHONE: (505) 784-6022

B. 1. NAME OF WASTE: USED CITRIKLEEN

2. USEPA/or/STATE WASTE CODE(S): D006, D008

3. PROCESS GENERATING WASTE: Cleaning aircraft parts

4. PROJECTED ANNUAL VOLUME/ UNITS: 4 / 55 gal

5. MODE OF COLLECTION: Drums

6. IS THIS WASTE A DIOXIN LISTED WASTE AS DEFINED IN CFR 261.31 (e.g.,F020,F021,F023,F026,F027, OR F028) ? [ ] YE [x] NO

7. IS THIS WASTE RESTRICTED FROM LAND DISPOSAL (40 CFR 268)? [ ] YE [x] NO REFERENCE STANDARDS 40 CFR 268.41
HAS AN EXEMPTION BEEN GRANTED ? [ ] YE [x] NO
DOES THE WASTE MEET APPLICABLE TREATMENT STANDARDS ? [x] YE [ ] NO

PART II

1. MATERIAL CHARACTERIZATION
(OPTIONAL- NOT REQUIRED DATA)

COLOR: GREENISH
DENSITY: BTU/
TOTAL SOLIDS: ASH CONTENT:
'YERIN [ ] MULTILAYERED [ ] BILAYERE [ ] SINGLE [x]

.. RCRA CHARACTERISTICS
PHYSICAL STATE: [ ] SOLID [x] LIQUID [ ] SEMI-SOLID [ ] GAS [ ] OTHER
TREATMENT [ ] WASTEWATER [x] NON-WASTEWATER
[ ] IGNITABLE(D001)
FLASH POINT (F)
[ ] HIGH TOC (>10%)
[ ] LOW TOC (<10%)
[ ] CORROSIVE (D002)
pH
[ ] CORRODES
[ ] REACTIVE (D003)
[ ] WATER REACTIVE
[ ] CYANIDE REACTIVE
[ ] SULFER
[x] TOXICITY CHARACTERISTIC
(SEE REVERSE FOR

3. CHEMICAL COMPOSITION (ppm or mg/L)

COPPER
NICKEL
ZINC
CHROMIUM-HEX
(OTHER TPH 8,200 ppm
PHENOLICS
TOTAL HALOGENS
VOLATILE ORGANICS
PCBs

NOTE: EXPLOSIVES,SHOCK SENSITIVE,PYROPHORIC,RADIOACTIVE, AND ETIOLOGICAL WASTE ,NORMALLY ARE NOT ACCEPTED BY THE DRMO.

4. MATERIAL COMPOSITION

COMPONENT	CONCENTRATION	RANGE
CITRIKLEEN	LIQUID	100%

TOTAL 100%

5. SHIPPING INFORMATION

DOT HAZARDOUS MATERIAL? [x] YES [ ] NO

PROPER SHIPPING NAME Environmentally Hazardous Substance, Liquid, n.o.s. UN3082, III

HAZARD CLASS 9
U.N or N.A. NO. UN3082
ADDITIONAL DESCRIPTION EPA D006. D008 LIQUID
METHOD OF SHIPMENT [ ] BUL [x] DRUM [ ] OTHER
CERCLA REPORTABLE QUANTITY
EMERGENCY RESPONSE GUIDE item is LIQUID
DOT PUBLICATION 5800.4 PAGE NO. 31 EDITION (YR) 1993
SPECIAL HANDLING INFORMATION

6. GENERATOR CERTIFICATION

BASIS FOR INFORMATION User knowledge and Analysis Results
[x] CHEMICAL ANALYSIS *(ATTACH TEST RESULTS)* ANA-LAB CORP, CALL # 33, BLD. 122, ANAL DATES 9 AUG 94
[x] USER *(ATTACH SUPPORTING DOCUMENTS - Explain how and why these documents comply with RCRA requirements)* Process Knowledge and Analysis Results

I, MSGT Coyle, USAF (Print or Type Name), HEREBY CERTIFY THAT ALL INFORMATION SUBMITTED IN THIS AND ALL ATTACHED DOCUMENTS IS TO THE BEST OF MY KNOWLEDGE AN ACCURATE REPRESENTATION OF THE WASTE TURNED IN TO THE DRMO. ALL KNOWN OR SUSPECTED HAZARDS HVE BEEN DISCLOSED.

SIGNATURE OF GENERATOR'S

DATE 30 AUG 1994

DRMS FORM OCT 90 1930 (EF)

DRMO CONTRACT 29 APR 94; USE SP4400-94-D-0014; CLIN 9402 @ $.70 PERLB; 18 MO+1 YR OPTION

TOXICITY CHARACTERISTIC LIST

EFFECTIVE 25 SEP 90 - LARGE QUANTITY GENERATORS
29 MAR 91 - SMALL QUANTITY GENERATORS

	CONTAMINANT	EPA HW NO.	(mg/L)		CONTAMINANT	EPA HW NO.	(mg/L)
	ARSENIC	D004			HEXACHLORO-1,3-BUTADIENE	D033	
	BARIUM	D005			HEXACHLOROETHANE	D034	
	BENZENE	D018		X	LEAD	D008	46 mg/l
X	CADMIUM	D006	32 mg/l		LINDANE	D013	
	CARBON TETRACLORIDE	D019			MERCURY	D009	
	CHLORDANE	D020			METHOXYCHLOR	D014	
	CHLOROBENZENE	D021			METHYL ETHYL KETONE	D035	
	CHLOROFORM	D022			NITROBENZENE	D036	
	CHROMIUM	D007			PENTACHLOROPHENOL	D037	
	O-CRESOL	D023			PYRIDINE	D038	
	M-CRESOL	D024			SELENIUM	D010	
	P-CRESOL	D025			SILVER	D011	
	CRESOL	D026			TETRACHLOROETHYLENE	D039	
	2,4-D	D016			TOXOPHENE	D015	
	1,4-DICHLOROBENZENE	D027			TRICHLOROETHYLENE	D040	
	1,2-DICHLOROETHANE	D028			2,4,5- TRICHLOROPHENOL	D041	
	1,1-DICHLOROETHYLENE	D029			2,4,6- TRICHLOROPHENOL	D042	
	2,4-DINTROTOLUENE	D030			2,45- TP (SILVEX)	D017	
	ENDRIN	D012			VINYL CHLORIDE	D043	
	HEPTACHLOR (AND ITS HYDROXIDE)	D031					
	HEXACHLOROBENZENE	D032					

PART III

FOR DRMO USE ONLY

DRMO VERIFICATION

1. DATE VERIFIED _____

2. RESULTS ☐ ATTACHED

pH _____ FLASH POINT _____ SPECIFIC GRAVITY _____ HALIDES (TOX) _____

REACTIVITY: WATER REACTIVITY _____ CYANIDES _____ SULFIDES _____

TCLP _____

27 CES/CEVP HAZARDOUS WASTE ANLYSIS FUNDING REQUEST

Call Number 33 CEVP POC: Vera Wood Date: 27 June 1994

Contractor: Ana Lab BPA No: F29605-94-A0014

Date Sample to be Collected: _____, 1994

Containeriezed Liquid Description:
Used CitriKleen, HD, Cleaner for parts and equipment
DRUM # 94 01 03

H.W. GENERATOR: 27 Ems/EMR MSgt Coyle PHONE: 4- 2085 Bldg.# 122 or ~~90 D~~

SAMPLES/SERVICES ORDERED FROM CONTRACT BID SCHEDULE:

CLIN:	SERVICE DESCRIPTION:		QTY:		UNIT COST:	TOTAL $:
0005E	TCLP Metals	SW-6010	1	EA	$129.00	$ 129.00
0009D	TCLP Volatiles	SW-8240	1	EA	$175.00	$ 175.00
0009E	TCLP Semi-Vol.	SW-8270	1	EA	$350.00	$ 350.00
0010H	TPH	SW-418.1	1	EA	$ 25.00	$ 25.00
0004A	Ignitability	SW-1010	1	EA	$ 19.00	$ 19.00
0004B	Corrosivity	SW-9040	1	EA	$ 17.00	$ 17.00
0004D	Reactive Cyanide	-9010	1	EA	$ 29.00	$ 29.00
0004E	Reactive Sulifde	-9030	1	EA	$ 22.00	$ 22.00
0006DD	Total Organic Halides	SW-8020	1	EA	$ 65.00	$ 65.00
				EA	$	$
				EA	$	$

Note: Limit $2,000.00 per call GRAND TOTAL: $ 831.00

Approval: UAW for DANIAL A. BARNETT
Section Chief or higher (initials)

DEPARTMENT OF THE AIR FORCE
27TH MEDICAL GROUP (ACC)
CANNON AIR FORCE BASE, NEW MEXICO 88103-5014

Do not go to BEE. CEVP have a BPA to cont. waste analysis

FROM: 27EMS/EMR 21 Jun 94
(Date)

SUBJ: Request For Sampling/Analysis

TO: 27 CES/CEV P
~~27 MG/MGPB~~
~~IN TURN~~

1. Request sample(s) be taken of USED CITRIKLEEN HD (PD-680, waste oil, rags, etc.) or mixture of the following chemicals _____, _____, _____, at Bldg 122. This waste was generated by CLEANING EQUIPMENT (process) and may contain the following contaminant(s): METALS (metals, MEK, toluene, benzene, etc.)

2. I certify the waste is:

X A controlled single waste stream.

_____ A mingled accumulation of waste from the following processess: _____, _____, _____. DRUM # EMR 940103

. The POC for this waste stream is MSgt Coyle (Name) at extension 2085.

[signature] ARMAMENT FLIGHT
(Signature, Unit)

1st Ind, 27 CES/CEV

_____
(Date)

TO: 27 MG/MGPB

Environmental Management has determined the waste will be disposed using the following method: _____, _____ (energy recovery, buried, recycle, etc.)

_____
(Signature, 27 CES/CEV)

ANA-LAB CORP.
THE COMPLETE SERVICE LAB

P. O. BOX 9000 – KILGORE, TEXAS 75663-9000 – 903/984-0551 – FAX 903/984-5914

Analytical Chemistry • Utility Operations

08/09/94

27CES/CEV
111 Engineers Way
Contr. F2960594A0014
Cannon AFB, NM 88103-5136
Attention: Capt. Walters

Sample Identification: Drum #940103 Call #33
Collected By: DW
Date & Time Taken: 06/28/94 1315

Bottle Data:

#01 - Unpreserved Glass
#02 - Metals Digestion
Derived in lab from: 01 (1 g)
#03 - Metals Digestion
Derived in lab from: 01 (1 g)
#04 - Metals Digestion
Derived in lab from: 01 (1 g)
#05 - Metals Digestion
Derived in lab from: 01 (4 g)
#06 - Metals Digestion
Derived in lab from: 01 (4 g)
#07 - Metals Digestion
Derived in lab from: 01 (4 g)

Sample Matrix: Organic Liquid
Lab Sample Number: 272743 **Received:** 06/29/94 **Client:** CAFB

PARAMETER	RESULTS	UNITS	ANALYZED	EQL	METHOD	BY
Flash Point (Reg. Limit 140.0)	>212	Degrees F	1000 06/30/94		EPA Method 1010	DSH
Corrosivity (Reg. Limit 6.4)	ND	mmpy	1230 06/30/94	.1	SW-846 Ch. 7 7.2.2	DSH
Reactivity with Water	Non-Reactive		1020 07/05/94			DSH
Total Halogens as Chloride	700 *	mg/kg	0800 07/27/94	100	ASTM E442-74 *MOD	DSH
Inorganic Halogens as Chloride	670	mg/kg	1045 07/08/94	5	EPA Method 9252	DSH
Total Organic Halogens	ND	ppm	1346 08/09/94	100	Calculation	WJP
pH	9.6	SU	2130 06/29/94			WKC
TCLP Pyridine (Reg. Limit 5)	ND	mg/l	0946 07/18/94	3.0	EPA Method 8270-TCLP	PLM
Reactivity Cyanide (RL 250)	ND	mg/kg	1430 07/05/94	10	EPA Method 7.3.3	WMB

Continued

INA-LAB CORP.
THE COMPLETE SERVICE LAB
P. O. BOX 9000 – KILGORE, TEXAS 75663-9000 – 903/984-0551 – FAX 903/984-5914
Analytical Chemistry • Utility Operations

08/09/94

272743 Continued

PARAMETER	RESULTS	UNITS	ANALYZED	EQL	METHOD	BY
Reactivity Sulfide (RL 500)	ND	mg/kg	1645 06/30/94	100	EPA Method 9030	DSH
TCLP Carbon Tetrachloride (.5)	ND	mg/l	0641 07/11/94	2.5	EPA Method 8260-TCLP	DDM
TCLP Chlorobenzene (Limit 100)	ND	mg/l	0641 07/11/94	2.5	EPA Method 8260-TCLP	DDM
TCLP Chloroform (Reg. Limit 6.0)	ND	mg/l	0641 07/11/94	2.5	EPA Method 8260-TCLP	DDM
TCLP 1,4 Dichlorobenzene: RL 7.5	ND	mg/l	0946 07/18/94	3.0	EPA Method 8270-TCLP	PLM
TCLP 1,2-Dichloroethane (RL .5)	ND	mg/l	0641 07/11/94	2.5	EPA Method 8260-TCLP	DDM
TCLP 1,1-Dichloroethene (.7)	ND	mg/l	0641 07/11/94	2.5	EPA Method 8260-TCLP	DDM
TCLP 2,4-Dinitrotoluene (.13)	ND	mg/l	0946 07/18/94	3.0	EPA Method 8270-TCLP	PLM
TCLP Hexachlorobenzene (.13)	ND	mg/l	0946 07/18/94	3.0	EPA Method 8270-TCLP	PLM
TCLP Hexachlorobutadiene (.5)	ND	mg/l	0946 07/18/94	3.0	EPA Method 8270-TCLP	PLM
P Hexachlorethane (Limit 3)	ND	mg/l	0946 07/18/94	3.0	EPA Method 8270-TCLP	PLM
TCLP Nitrobenzene (Limit 2)	ND	mg/l	0946 07/18/94	3.0	EPA Method 8270-TCLP	PLM
TCLP Pentachlorophenol (100)	ND	mg/l	0946 07/18/94	15	EPA Method 8270-TCLP	PLM
TCLP Tetrachloroethylene (.7)	ND	mg/l	0641 07/11/94	2.5	EPA Method 8260-TCLP	DDM
TCLP Trichloroethylene (.5)	ND	mg/l	0641 07/11/94	2.5	EPA Method 8260-TCLP	DDM
TCLP 2,4,6-Trichlorophenol (2)	ND	mg/l	0946 07/18/94	3.0	EPA Method 8270-TCLP	PLM
TCLP Vinyl Chloride (.2)	ND	mg/l	0641 07/11/94	5.0	EPA Method 8260-TCLP	DDM
TCLP 2,4,5-Trichlorophenol (400)	ND	mg/l	0946 07/18/94	3.0	EPA Method 8270-TCLP	PLM
TCLP Total Cresols (Reg Lim 200)	ND	mg/l	0946 07/18/94	3.0	EPA Method 8270-TCLP	PLM
TCLP MEK (Reg. Limit 200)	ND	mg/l	0641 07/11/94	50	EPA Method 8260-TCLP	DDM
Total Petroleum Hydrocarbon	8200	mg/l	1600 07/06/94	1000	EPA Method 418.1	WMB
TCLP Benzene (Reg. Limit 0.5)	ND	mg/l	0641 07/11/94	2.5	EPA Method 8260-TCLP	DDM
TCLP Silver (Reg. Limit 5.0)	ND	mg/l	1949 07/08/94	.1	EPA Method 6010	GLW
LP Arsenic (Reg. Limit 5.0)	ND	mg/l	1949 07/08/94	1	EPA Method 6010	GLW

Continued

ENA-LAB CORP.
THE COMPLETE SERVICE LAB

P. O. BOX 9000 – KILGORE, TEXAS 75663-9000 – 903/984-0551 – FAX 903/984-5914

Analytical Chemistry • Utility Operations

PARAMETER	RESULTS	UNITS	ANALYZED	EQL	METHOD	BY
TCLP Barium (Reg. Limit 100.0)	77	mg/l	1949 07/08/94	1	EPA Method 6010	GLW
TCLP Cadmium (Reg. Limit 1.0)	32	mg/l	1949 07/08/94	.1	EPA Method 6010	GLW
TCLP Chromium (Reg. Limit 5.0)	2.1	mg/l	1949 07/08/94	.2	EPA Method 6010	GLW
TCLP Mercury (Reg. Limit 0.2)	ND	mg/l	1530 07/05/94	.05	EPA Method 7470	GLW
TCLP Lead (Reg. Limit 5.0)	46	mg/l	1949 07/08/94	1	EPA Method 6010	GLW
TCLP Selenium (Reg. Limit 1.0)	ND	mg/l	1949 07/08/94	1	EPA Method 6010	GLW

Sample Preparation Steps for 272743

TCLP Extraction: Non-Volatile	Org/Aqu/Sol #1		1555 06/30/94	EPA Method 1311	CEL
TCLP Liquid-Liquid Extraction	100->3	ml->ml	1400 07/08/94	EPA Method 3510	LMB
TCLP ZHE Volatile Extraction	6.5% Sol	Completed.	0915 07/01/94	EPA Method 1311	DDM
Reactivity Distillation	10	g	1000 06/30/94	SW846 7.3.3	LFD
Bottle Check for other test	CHECKED		2352 06/29/94		BSB
rocarbon Liquid Extraction	100/130	ml/ml	1100 07/06/94	EPA Method 3510 *MOD	PLH
als Digestion - TCLP 3050 Fl	50/4 S/B/A		0700 07/07/94	EPA Method 3050 Fl	KLG
Metals Digestion - TCLP 7471	50/1 S/B/A		0730 07/05/94	EPA Method 7471	KLG

Quality Assurance for the SET with Sample 272743

Sample #	Description	Result	Units	Dup/Std Value	Spk Conc.	Percent	Time	Date	By
Flash Point (Reg. Limit 140.0)									
	Standard	85	Degrees F	81		105	1000	06/30/94	DSH
272056	Duplicate	>212	Degrees F	>212		100	1000	06/30/94	DSH
Corrosivity (Reg. Limit 6.4)									
	Blank	ND	MG/L				1230	06/30/94	DSH
272743	Duplicate	.1	mmpy	ND		300	1230	06/30/94	DSH
Reactivity with Water									
270973	Duplicate	Non-React		Non-React		100	1020	07/05/94	DSH
Total Halogens as Chloride									
	Blank	.15	mls				0800	07/27/94	DSH
	Standard	70	mg/l	71		101	0800	07/27/94	DSH
271934	Duplicate	ND	mg/kg	ND		100	0800	07/27/94	DSH
273833	Duplicate	120	mg/kg	110		109	0800	07/27/94	DSH
Inorganic Halogens as Chloride									
	Blank	.05	mls				1045	07/08/94	DSH
	Standard	71	MG/L	71		100	1045	07/08/94	DSH
272743	Duplicate	670	MG/KG	670		100	1045	07/08/94	DSH
272743	Spike		MG/L		71	103	1045	07/08/94	DSH
pH									
	Standard	CALIBRATEDSU		7.0			2130	06/29/94	

Continued

INA-LAB CORP.
THE COMPLETE SERVICE LAB
P. O. BOX 9000 – KILGORE, TEXAS 75663-9000 – 903/984-0551 – FAX 903/984-5914
Analytical Chemistry • Utility Operations

Sample #	Description	Result	Units	Dup/Std Value	Spk Conc.	Percent	Time	Date	By
	Standard	CALIBRATED	SU	10.0			2130	06/29/94	
	Standard	6.0	SU	6.0		100	2130	06/29/94	WKC
	Standard	8.0	SU	8.0		100	2130	06/29/94	WKC
	Standard	8.9	SU	9.0		101	2130	06/29/94	WKC
	Standard	4.0	SU	4.0		100	2130	06/29/94	WKC
272705	Duplicate	7.8	SU	7.8		100	2130	06/29/94	WKC
272753	Duplicate	7.5	SU	7.5		100	2130	06/29/94	WKC
272765	Duplicate	7.2	SU	7.2		100	2130	06/29/94	WKC
272775	Duplicate	7.3	SU	7.3		100	2130	06/29/94	WKC
	Reactivity Cyanide (RL 250)								
	Standard	.024	mg/l	.025		104	1430	07/05/94	WMB
270973	Duplicate	ND	mg/kg	ND		100	1430	07/05/94	WMB
	Reactivity Sulfide (RL 500)								
	Blank	ND	MG/L				1645	06/30/94	DSH
272366	Duplicate	ND	MG/KG	ND		100	1645	06/30/94	DSH
	Total Petroleum Hydrocarbon								
	Blank	<10	mg/l				1600	07/06/94	WMB
	Blank	<.5	mg/l				1600	07/06/94	WMB
	Standard	158	mg/l	150		105	1600	07/06/94	WMB
	Standard	158	mg/l	150		105	1600	07/06/94	WMB
	Standard	158	mg/l	150		105	1600	07/06/94	WMB
273053	Duplicate	24	mg/kg	33		132	1600	07/06/94	WMB
273007	Duplicate	120000	mg/kg	99000		119	1600	07/06/94	WMB
	TCLP Silver (Reg. Limit 5.0)								
	Blank	<.01	mg/l				1949	07/08/94	GLW
	Standard	2.0	mg/l	2.0		100	1949	07/08/94	GLW
	Standard	1.0	mg/l	1.0		100	1949	07/08/94	GLW
272743	Duplicate	ND	mg/l	ND		100	1949	07/08/94	GLW
272743	Spike		mg/l		1.0	99	1949	07/08/94	GLW
	TCLP Arsenic (Reg. Limit 5.0)								
	Blank	<.1	mg/l				1949	07/08/94	GLW
	Standard	9.9	mg/l	10		101	1949	07/08/94	GLW
	Standard	4.9	mg/l	5.0		102	1949	07/08/94	GLW
272743	Duplicate	ND	mg/l	ND		100	1949	07/08/94	GLW
272743	Spike		mg/l		5.0	92	1949	07/08/94	GLW
	TCLP Barium (Reg. Limit 100.0)								
	Blank	<1	mg/l				1949	07/08/94	GLW
	Standard	5.1	mg/l	5.0		102	1949	07/08/94	GLW
	Standard	9.8	mg/l	10		102	1949	07/08/94	GLW
272743	Duplicate	76	mg/l	78		103	1949	07/08/94	GLW
272743	Spike		mg/l		5.0	99	1949	07/08/94	GLW
	TCLP Cadmium (Reg. Limit 1.0)								
	Blank	<.01	mg/l				1949	07/08/94	GLW
	Standard	4.7	mg/l	5.0		106	1949	07/08/94	GLW

Continued

ANA-LAB CORP.
THE COMPLETE SERVICE LAB
P. O. BOX 9000 – KILGORE, TEXAS 75663-9000 – 903/984-0551 – FAX 903/984-5914
Analytical Chemistry • Utility Operations

Sample #	Description	Result	Units	Dup/Std Value	Spk Conc.	Percent	Time	Date	By
	Standard	2.5	mg/l	2.5		100	1949	07/08/94	GLW
272743	Duplicate	32	mg/l	32		100	1949	07/08/94	GLW
272743	Spike		mg/l		1.0	85	1949	07/08/94	GLW
	TCLP Chromium (Reg. Limit 5.0)								
	Blank	<.02	mg/l				1949	07/08/94	GLW
	Standard	9.8	mg/l	10		102	1949	07/08/94	GLW
	Standard	4.9	mg/l	5.0		102	1949	07/08/94	GLW
272743	Duplicate	2.1	mg/l	2.1		100	1949	07/08/94	GLW
272743	Spike		mg/l		5.0	97	1949	07/08/94	GLW
	TCLP Mercury (Reg. Limit 0.2)								
	Blank	<.001	mg/l				1530	07/05/94	GLW
	Blank	.001	mg/l				1530	07/05/94	GLW
	Standard	.009	mg/l	.010		111	1530	07/05/94	GLW
	Standard	.026	mg/l	.025		104	1530	07/05/94	GLW
	Standard	.010	mg/l	.010		100	1530	07/05/94	GLW
	Standard	.009	mg/l	.010		111	1530	07/05/94	GLW
	Standard	.010	mg/l	.010		100	1530	07/05/94	GLW
	Standard	.009	mg/l	.010		111	1530	07/05/94	GLW
	Standard	.009	mg/l	.010		111	1530	07/05/94	GLW
	Standard	.010	mg/l	.010		100	1530	07/05/94	GLW
	Standard	.010	mg/l	.010		100	1530	07/05/94	GLW
	Standard	.011	mg/l	.010		110	1530	07/05/94	GLW
	Standard	.009	mg/l	.010		111	1530	07/05/94	GLW
272743	Duplicate	ND	mg/l	ND		100	1530	07/05/94	GLW
272496	Duplicate	ND	mg/l	ND		100	1530	07/05/94	GLW
272554	Duplicate	ND	mg/l	ND		100	1530	07/05/94	GLW
272712	Spike		mg/l		.010	100	1530	07/05/94	GLW
272743	Spike		mg/l		.010	92	1530	07/05/94	GLW
271953	Spike		mg/l		.010	79	1530	07/05/94	GLW
272249	Spike		mg/l		.010	89	1530	07/05/94	GLW
272496	Spike		mg/l		.010	112	1530	07/05/94	GLW
272535	Spike		mg/l		.010	89	1530	07/05/94	GLW
272554	Spike		mg/l		.010	88	1530	07/05/94	GLW
272720	Spike		mg/l		.010	110	1530	07/05/94	GLW
272721	Spike		mg/l		.010	115	1530	07/05/94	GLW
272722	Spike		mg/l		.010	127	1530	07/05/94	GLW
272723	Spike		mg/l		.010	96	1530	07/05/94	GLW
272741	Spike		mg/l		.010	86	1530	07/05/94	GLW
272742	Spike		mg/l		.010	72	1530	07/05/94	GLW
272724	Spike		mg/l		.010	83	1530	07/05/94	GLW
272740	Spike		mg/l		.010	86	1530	07/05/94	GLW
272744	Spike		mg/l		.010	99	1530	07/05/94	GLW

Continued

ANA-LAB CORP.
THE COMPLETE SERVICE LAB
P. O. BOX 9000 - KILGORE, TEXAS 75663-9000 - 903/984-0551 - FAX 903/984-5914
Analytical Chemistry • Utility Operations

Sample #	Description	Result	Units	Dup/Std Value	Spk Conc.	Percent	Time	Date	By
			TCLP Lead (Reg. Limit 5.0)						
	Blank	<.1	mg/l				1949	07/08/94	GLW
	Standard	9.6	mg/l	10		104	1949	07/08/94	GLW
	Standard	4.9	mg/l	5.0		102	1949	07/08/94	GLW
272743	Duplicate	46	mg/l	47		102	1949	07/08/94	GLW
272743	Spike		mg/l		5.0	95	1949	07/08/94	GLW
			TCLP Selenium (Reg. Limit 1.0)						
	Blank	<.1	mg/l				1949	07/08/94	GLW
	Standard	9.6	mg/l	10		104	1949	07/08/94	GLW
	Standard	4.8	mg/l	5.0		104	1949	07/08/94	GLW
272743	Duplicate	ND	mg/l	ND		100	1949	07/08/94	GLW
272743	Spike		mg/l		1.0	87	1949	07/08/94	GLW

Blank

Compound	Result
Benzene	ND
Chlorobenzene	ND
chloroethene	ND
e	ND
Trichloroethene	ND

Instrument Tune

Mass	Reference Mass	Min Abundance	Max Abundance	Result	Status
BFB Mass 50	95	15.0	40.0	28.3	PASS
BFB Mass 75	95	30.0	60.0	49.8	PASS
BFB Mass 95	95	100	100	100.0	PASS
BFB Mass 96	95	5.00	9.00	7.3	PASS
BFB Mass 173	174	0	2.00	0.0	PASS
BFB Mass 174	95	50.0	100	56.1	PASS
BFB Mass 175	174	5.00	9.00	6.8	PASS
BFB Mass 176	174	95.0	101	98.4	PASS
BFB Mass 177	176	5.00	9.00	5.8	PASS

Instrument Calibration Check

Compound	Max %Rel. Std.	%Deviation	Status
Chloroform	25.0	-4.0	PASS
1,1-Dichloroethene	25.0	6.9	PASS
1,2-Dichloropropane	25.0	-13.2	PASS
Ethyl benzene	25.0	-1.9	PASS
Toluene	25.0	-8.1	PASS
Chloride	25.0	17.2	PASS

Continued

ANA-LAB CORP.
THE COMPLETE SERVICE LAB

P. O. BOX 9000 - KILGORE, TEXAS 75663-9000 - 903/984-0551 - FAX 903/984-5914

Analytical Chemistry • Utility Operations

PARAMETER	RESULTS	UNITS	ANALYZED	EQL	METHOD	BY

Instrument System Performance Check

Compound	Min Response Factor	Response Factor	Status
Bromoform	.2500	0.572	PASS
Chlorobenzene	.3000	1.313	PASS
Chloromethane	.3000	0.390	PASS
1,1-Dichloroethane	.3000	1.660	PASS
1,1,2,2-Tetrachloroethane	.3000	2.201	PASS

Spike/Duplicate on Sample 273690

Compound	Result1 (%)	Result2 (%)	Status
Benzene	85	85	PASS
Chlorobenzene	95	95	PASS
1,1-Dichloroethene	48	44	PASS
Toluene	110	110	PASS
Trichloroethene	90	90	PASS

Surrogate/Spike on Sample 272743

Compound	Result	Concentration	%Recovery
Bromofluoromethane	50	50	100
Toluene-d8	48	50	96
Bromofluorobenzene-SURR	48	50	96

Matrix Spike on Sample 272743

Compound	Recovery (%)	Concentration
TCLP Benzene (Reg. Limit 0.5)	95	100
TCLP Carbon Tetrachloride (.5)	94	100
TCLP Chlorobenzene (Limit 100)	94	100
TCLP Chloroform (Reg. Limit 6.0)	91	100
TCLP 1,2-Dichloroethane (RL .5)	100	100
TCLP 1,1-Dichloroethene (.7)	81	100
TCLP Tetrachloroethylene (.7)	92	100
TCLP Trichloroethylene (.5)	94	100
TCLP Vinyl Chloride (.2)	78	100
TCLP MEK (Reg. Limit 200)	73	200

Internal Standard Areas on Sample 272743

Compound	ISM Area	CCC ISM Area	Status
Pentafluorobenzene-ISTD	256000	236600	PASS
1,4-Difluorobenzene-ISTD	277200	257000	PASS
Clorobenzene-d5-ISTD	213700	197200	PASS
Trichlorobenzene-d4-ISTD	99210	89040	PASS

Continued

ANA-LAB CORP.
THE COMPLETE SERVICE LAB

P. O. BOX 9000 - KILGORE, TEXAS 75663-9000 - 903/984-0551 - FAX 903/984-5914

Analytical Chemistry • Utility Operations

PARAMETER	RESULTS	UNITS	ANALYZED	EQL	METHOD	BY

Instrument Tune

Mass	Reference Mass	Min Abundance	Max Abundance	Result	Status
DFTPP Mass 51	198	30.0	60.0	41.7	PASS
DFTPP Mass 68	69	0	2.00	0.0	PASS
DFTPP Mass 69	198	0	100	47.3	PASS
DFTPP Mass 70	69	0	2.00	0.4	PASS
DFTPP Mass 127	198	40.0	60.0	43.8	PASS
DFTPP Mass 197	198	0	1.00	0.0	PASS
DFTPP Mass 198	198	100	100	100.0	PASS
DFTPP Mass 199	198	5.00	9.00	6.7	PASS
DFTPP Mass 275	198	10.0	30.0	23.5	PASS
DFTPP Mass 365	198	1.00	100	3.3	PASS
DFTPP Mass 441	443	0	100	74.5	PASS
DFTPP Mass 442	198	40.0	100	59.8	PASS
DFTPP Mass 443	442	17.0	23.0	19.0	PASS

Instrument Calibration Check

Compound	Max %Rel. Std.	%Deviation	Status
hthene	30.0	-7.0	PASS
a)pyrene	30.0	-11.3	PASS
4-Chloro-3-methylphenol	30.0	-5.0	PASS
1,4-Dichlorobenzene	30.0	-3.6	PASS
2,4-Dichlorophenol	30.0	1.9	PASS
Di-n-octylphthalate	30.0	-8.2	PASS
Fluoranthene	30.0	8.8	PASS
Hexachlorobutadiene	30.0	16.7	PASS
2-Nitrophenol	30.0	-1.6	PASS
N-nitrosodiphenylamine	30.0	-17.8	PASS
Pentachlorophenol	30.0	-12.5	PASS
Phenol	30.0	-19.9	PASS
2,4,6-Trichlorophenol	30.0	1.5	PASS

Instrument System Performance Check

Compound	Min Response Factor	Response Factor	Status
2,4-Dinitrophenol	.0500	0.171	PASS
Hexachlorocyclopentadiene	.0500	0.432	PASS
4-Nitrophenol	.0500	0.217	PASS
N-Nitrosodi-n-propylamine	.0500	0.679	PASS

Internal Standard Areas on Sample 272743

Compound	ISM Area	CCC ISM Area	Status
ichlorobenzene-d4-ISTD	126200	97880	PASS
)hthene-d10-ISTD	162900	236000	PASS

Continued

ANA-LAB CORP.
THE COMPLETE SERVICE LAB

P. O. BOX 9000 - KILGORE, TEXAS 75663-9000 - 903/984-0551 - FAX 903/984-5914

Analytical Chemistry • Utility Operations

PARAMETER	RESULTS		UNITS	ANALYZED	EQL	METHOD	BY
Phenanthrene-d10-ISTD	243600	322700	PASS				

Semivolatile surrogate and spike compounds were diluted out.

Positive interference on one semivolatile ISM.

From Inorganic Halogens

EQL is Estimated Quantitation Limit. The EQL takes into account the Instrument Detection Limit (IDL), Method Detection Limit (MDL), and Practical Quantitation Limit (PQL). Our analytical result must be above our EQL before we report a value for any parameter. Otherwise, we report ND (Not Detected above EQL).

I certify that the results were generated using the above specified methods.

C.H. Whiteside, Ph.D., President

Chain of Custody Form

ANA-LAB CORP.
THE COMPLETE SERVICE LAB

P.O. Box 9000
Kilgore, TX 75663-9000
2600 Dudley Road
Kilgore, TX 75662
(903)984-0551
(903)984-5914 FAX

Client Code:

Company Name: Cannon AFB Report To: Vera Wood	Project Name: Drum #940103
Address:	Billing Address (if different):
City: State: Zip Code:	
Telephone: FAX #:	Billing Telephone#:
Sampler Signature: Daryl Watson	Purchase Order Number:

Requested Turnaround Time: ☐ 10 Working Days ☐ 5 Working Days ☐ 2 Working Days ☐ 24 Hours ☐ 2-8 Hours

Analysis Requested

Ana-Lab Number	Field Identification	Date	Time	Sample Matrix	No. Containers	TCLP metals	TCLP Volatiles	TCLP Semi vol.	TPH 418.1	Ignitability	Corrosivity	Reactive Cyanide	Reactive Sulfide	Total Organic Halides	Comments
1.	Drum #940103 call # 33	6-28-94	1315	L	1	✓	✓	✓	✓	✓	✓	✓	✓	✓	
2. 272743															
3.															* see attached
4.															
5.															
6.															
7.															
8.															

Relinquished by: Daryl Watson	Date: 6-28-94	Time: 1830	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received by:	Date:	Time:
Relinquished by:	Date:	Time:	Received by:	Date: 6-29	Time: 5

Samples Received On Ice? ☐ Yes ☐ No Temperature: °C Method of Shipment:

Cooler/Sample Secure ☐ Yes ☐ No

HWPS and Laboratory Analysis for Sanding Residue

HWPS and Laboratory Analysis for Sanding Residue

HAZARDOUS WASTE PROFILE SHEET

PART I

A. GENERAL INFORMATION

WASTE PROFILE NO. 94EMGS501

WASTE PROCESS NO. ~~AD005~~

1. GENERATOR NAME
AGE

2. FACILITY ADDRESS
27 EMS/EMGS (BLDG. 191) X-46109
314 North Torch Blvd
Cannon AFB NM

5. ZIP CODE 88103-5000

3. GENERATOR USEPA ID NM7572124454

4. GENERATOR STATE ID 99935

6. TECHNICAL CONTACT Vera A. Wood, GS-11; 27 CES/CEVP

7. TITLE H.W. PROGRAM MGR

PHONE (505) 784-6022

B. 1. NAME OF WASTE Sand Paper Residue and sanding dust

2. USEPA/or/STATE WASTE CODE(S) D006, D007

3. PROCESS GENERATING WASTE Sanding and strip AGE equipment

4. PROJECTED ANNUAL VOLUME/ UNITS 25GL / ESTIMATED **5. MODE OF COLLECTION** Estimated 1X25 Gl Drum

6. IS THIS WASTE A DIOXIN LISTED WASTE AS DEFINED IN CFR 261.31 (e.g.,F020,F021,F023,F026,F027, OR F028) ? [ ] YE [x] NO

7. IS THIS WASTE RESTRICTED FROM LAND DISPOSAL (40 CFR 268)? [x] YE [ ] NO
HAS AN EXEMPTION BEEN GRANTED ? [ ] YE [x] NO
DOES THE WASTE MEET APPLICABLE TREATMENT STANDARDS ? [x] YE [ ] NO

REFERENCE STANDARDS 40 CFR 268.41
CCWE D006/D008

PART II

1. MATERIAL CHARACTERIZATION
(OPTIONAL- NOT REQUIRED DATA)

COLOR OILIVE GREEN PAINT, SANDING PAPER
DENSITY _____ BTU/ _____
TOTAL SOLIDS _____ ASH CONTENT _____
LAYERIN [ ] MULTILAYERED [ ] BILAYERE [ ] SINGLE [x]

2. RCRA CHARACTERISTICS

PHYSICAL STATE: [x] SOLID [ ] LIQUID [ ] SEMI-SOLID [ ] GAS [ ] OTHER

TREATMENT [ ] WASTEWATER [x] NON-WASTEWATER

[ ] IGNITABLE(D001)
FLASH POINT (F) _____
[ ] HIGH TOC (>10%)
[ ] LOW TOC (<10%)

[ ] REACTIVE (D003)
[ ] WATER REACTIVE
[ ] CYANIDE REACTIVE
[ ] SULFER

[ ] CORROSIVE (D002)
pH _____
[ ] CORRODES

[x] TOXICITY CHARACTERISTIC
(SEE REVERSE FOR

3. CHEMICAL COMPOSITION (ppm or mg/L)

COPPER _____ PHENOLICS _____
NICKEL _____ TOTAL HALOGENS _____
ZINC _____ VOLATILE ORGANICS _____
CHROMIUM-HEX _____ PCBs _____
(OTHER TOTAL CYANIDE <0.1 & SULFIDE <0.5

NOTE: EXPLOSIVES,SHOCK SENSITIVE,PYROPHORIC,RADIOACTIVE, AND ETIOLOGICAL WASTE ,NORMALLY ARE NOT ACCEPTED BY THE DRMO.

4. MATERIAL COMPOSITION

COMPONENT	CONCENTRATION	RANGE
Sand Paper		100%
Sanding Dust		30-70%
Cadmium	28.9 mg/L	
Chromium	12.7 mg/L	

TOTAL _____ 100%

5. SHIPPING INFORMATION

DOT HAZARDOUS MATERIAL? [x] YES [ ] NO

PROPER SHIPPING NAME Environmentally Hazardous Substance solid, nos, 9, UN3077, III, EPA Toxic D006, D007

HAZARD CLASS 9 U.N or N.A. NO. UN3077
ADDITIONAL DESCRIPTION Sand paper & dust
METHOD OF SHIPMENT [ ] BUL [x] DRUM [ ] OTHER _____
CERCLA REPORTABLE QUANTITY 10 lb (45.4 kg)
EMERGENCY RESPONSE GUIDE 31
DOT PUBLICATION 5800.4 PAGE NO. 31 EDITION (YR) 1990
SPECIAL HANDLING INFORMATION _____

6. GENERATOR CERTIFICATION

BASIS FOR INFORMATION User knowledge, written process, and analysis
[x] CHEMICAL ANALYSIS *(ATTACH TEST RESULTS)* GT930429
[ ] USER *(ATTACH SUPPORTING DOCUMENTS - Explain how and why these documents comply with RCRA requirements)*

I, Kevin Freeland (Print or Type Name), HEREBY CERTIFY THAT ALL INFORMATION SUBMITTED IN THIS AND ALL ATTACHED DOCUMENTS IS TO THE BEST OF MY KNOWLEDGE AN ACCURATE REPRESENTATION OF THE WASTE TURNED IN TO THE DRMO. ALL KNOWN OR SUSPECTED HAZARDS HVE BEEN DISCLOSED.

SIGNATURE OF GENERATOR'S _____ DATE 11 Mar 94

DRMS FORM 1930 (EF) OCT 90 DRMO CONTRACT DLA20092D0021 USE UNTIL 28 APR 94; CLIN 2004 @ $.44 PER LB/CALL CEV CHANGE

New DRMO Contract SP4400-D-94-0014 CLIN 0475 $1.45

TOXICITY CHARACTERISTIC LIST

EFFECTIVE 25 SEP 90 - LARGE QUANTITY GENERATORS
29 MAR 91 - SMALL QUANTITY GENERATORS

	CONTAMINANT	EPA HW NO.	(mg/L)	CONTAMINANT	EPA HW NO.	(mg/L)
	ARSENIC	D004	<0.10	HEXACHLORO-1,3-BUTADIENE	D033	<0.050
	BARIUM	D005	1.5	HEXACHLOROETHANE	D034	<0.050
	BENZENE	D018	<0.025	LEAD	D008	0.59
x	CADMIUM	D006	28.9	LINDANE	D013	
	CARBON TETRACLORIDE	D019	<0.025	MERCURY	D009	<0.002
	CHLORDANE	D020		METHOXYCHLOR	D014	
	CHLOROBENZENE	D021	<0.025	METHYL ETHYL KETONE	D035	<0.050
	CHLOROFORM	D022	<0.025	NITROBENZENE	D036	
x	CHROMIUM	D007	12.7	PENTACHLOROPHENOL	D037	
	O-CRESOL	D023		PYRIDINE	D038	
	M-CRESOL	D024		SELENIUM	D010	<0.10
	P-CRESOL	D025		SILVER	D011	<0.10
	CRESOL	D026		TETRACHLOROETHYLENE	D039	<0.025
	2,4-D	D016		TOXOPHENE	D015	
	1,4-DICHLOROBENZENE	D027	<0.025	TRICHLOROETHYLENE	D040	<0.025
	1,2-DICHLOROETHANE	D028	<0.025	2,4,5- TRICHLOROPHENOL	D041	<0.25
	1,1-DICHLOROETHYLENE	D029	<0.025	2,4,6- TRICHLOROPHENOL	D042	<0.050
	2,4-DINTROTOLUENE	D030	<0.025	2,45- TP (SILVEX)	D017	
	ENDRIN	D012		VINYL CHLORIDE	D043	<0.050
	HEPTACHLOR (AND ITS HYDROXIDE)	D031				
	HEXACHLOROBENZENE	D032	<0.050			

PART III

FOR DRMO USE ONLY

DRMO VERIFICATION

1. DATE VERIFIED _____

2. RESULTS ☐ ATTACHED

pH _____ FLASH POINT _____ SPECIFIC GRAVITY _____ HALIDES (TOX) _____

REACTIVITY: WATER REACTIVITY _____ CYANIDES _____ SULFIDES _____

TCLP _____

DEPARTMENT OF THE AIR FORCE
27TH MEDICAL GROUP (ACC)
CANNON AIR FORCE BASE, NEW MEXICO 88103-5014

FROM: SGPB

26 Jan 94
(Date)

SUBJ: Waste Analysis

HSP 5 #94E M69501

TO: 27EMS / AGE

1. The analytical results from sampling of your waste have been received from the lab. Your sample # GT 930429 is:

_____ Not hazardous IAW 40 Code of Federal Regulations (CFR) _____.

✓ Hazardous IAW 40 CFR 261.

Results indicate;	which exceeds the limit of;
Cadmium 28.9 mg/L	D006 LISTED WASTE
Chromium 12.7 mg/L	D007 LISTED WASTE

2. If you have any questions or we can be of further assistance, please call our office at extension 4-4063.

RICHARD P. JOHN, MSgt, USAF
Supt, Bioenvironmental Engineering Svcs

SGPB FL-151

HAZARDOUS WASTE
D006 Cadmium
D007 Chromium
Mary Padgett
26 JAN 94

AL/OEA
2402 E DRIVE
BROOKS AFB, TEXAS, 78235-5114

REPORT OF ANALYSIS

BASE SAMPLE NO: GT930429 OEHL SAMPLE NO: 93059921

SAMPLE TYPE: WASTE, HAZARDOUS/TOXIC/DISPOSAL

SITE IDENTIFIER: FAAG406A DATE RECEIVED: 931210

DATE COLLECTED: 931207 DATE REPORTED: 940114

DATE EXTRACTED: 931221 DATE ANALYZED: 940107

RESULTS

Test	Results	Units	Method
Arsenic	<0.10	mg/L	EPA 1311/7060
Barium	1.5	mg/L	EPA 1311/6010
Cadmium	28.9	mg/L	EPA 1311/6010
Chromium	12.7	mg/L	EPA 1311/6010
Lead	0.59	mg/L	EPA 1311/6010
Mercury	<0.002	mg/L	EPA 1311/7470
Selenium	<0.10	mg/L	EPA 1311/7740
Silver	<0.10	mg/L	EPA 1311/6010
Benzene	<0.025	mg/L	EPA 1311/8240
Carbon Tetrachloride	<0.025	mg/L	EPA 1311/8240
Chlorobenzene	<0.025	mg/L	EPA 1311/8240
Chloroform	<0.025	mg/L	EPA 1311/8240
1,2-Dichloroethane	<0.025	mg/L	EPA 1311/8240
1,1-Dichloroethene	<0.025	mg/L	EPA 1311/8240
Methyl Ethyl Ketone	<0.050	mg/L	EPA 1311/8240
Tetrachloroethylene	<0.025	mg/L	EPA 1311/8240
Trichloroethylene	<0.025	mg/L	EPA 1311/8240
Vinyl Chloride	<0.050	mg/L	EPA 1311/8240
1,4-Dichlorobenzene	<0.050	mg/L	EPA 1311/8270
2,4-Dinitrotoluene	<0.050	mg/L	EPA 1311/8270
Hexachlorobenzene	<0.050	mg/L	EPA 1311/8270
Hexachlorobutadiene	<0.050	mg/L	EPA 1311/8270
Hexachloroethane	<0.050	mg/L	EPA 1311/8270
Nitrobenzene	<0.050	mg/L	EPA 1311/8270
2-Methylphenol	<0.050	mg/L	EPA 1311/8270
3-Methylphenol	<0.050	mg/L	EPA 1311/8270
4-Methylphenol	<0.050	mg/L	EPA 1311/8270
Pentachlorophenol	<0.25	mg/L	EPA 1311/8270
Pyridine	<0.10	mg/L	EPA 1311/8270
2,4,5-Trichlorophenol	<0.050	mg/L	EPA 1311/8270

TO:

27 MEDICAL GROUP/MGPB
208 WEST CASABLANCA AVENUE
CANNON AFB, NM 88103-5014

AL/OEA
2402 E DRIVE
BROOKS AFB, TEXAS, 78235-5114

REPORT OF ANALYSIS

BASE SAMPLE NO: GT930429 OEHL SAMPLE NO: 93059921

SAMPLE TYPE: WASTE, HAZARDOUS/TOXIC/DISPOSAL

SITE IDENTIFIER: FAAG406A DATE RECEIVED: 931210

DATE COLLECTED: 931207 DATE REPORTED: 940114

DATE EXTRACTED: 931221 DATE ANALYZED: 940107

RESULTS

Test	Results	Units	Method
2,4,6-Trichlorophenol	<0.25	mg/L	EPA 1311/8270
Cyanide (total)	<0.1	mg/L	SW 7.3.3.2
Sulfide	<0.5	mg/L	SW 7.3.4.1

Comments:

SAMPLE IS SOLID.
THE DETECTION LIMITS FOR THE GRAPHITE FURNACE ANALYSIS OF ARSENIC AND SELENIUM WERE RAISED DUE TO MATRIX INTERFERENCES.
< - Signifies none detected and the detection limits.

Reviewed by: Michael J. Wantland, MSgt, USAF
Superintendent, Analytical Services Div

HWPS and Laboratory Analysis for Used Rags

HWPS and Laboratory Analysis for Used Rags

Environmental flight
27CES/CEVP copy

HAZARDOUS WASTE PROFILE SHEET

PART I

A. GENERAL INFORMATION

WASTE PROFILE NO. 94OGW101

Waste Stream No. SC- One time item in not OGW property found at Bldg

1. GENERATOR NAME: Rags @ Weapons Standardization (CEVP FILE NAME:OGW101.DBF)

2. FACILITY ADDRESS: 27 OG/OGW Duty Phone 4-4323
103 East Terminal Suite 106
Cannon AFB NM
5. ZIP CODE: 88101

3. GENERATOR USEPA ID: NM7572124454

4. GENERATOR STATE ID: 99935

6. TECHNICAL CONTACT: VERA A. WOOD, GS-11; 27 CES/CEVC

7. TITLE: H.W. PROGRAM MGR

PHONE: (505) 784-6022

B. 1. NAME OF WASTE: Rags contianing petroleum products

2. USEPA/or/STATE WASTE CODE(S): D006 & D008

3. PROCESS GENERATING WASTE: Wipe up hydraulic fluids, grease, synthetic oil Air Craft Maint.

4. PROJECTED ANNUAL VOLUME/ UNITS _____ / ESTIMATED 5. MODE OF COLLECTION: DRUM

6. IS THIS WASTE A DIOXIN LISTED WASTE AS DEFINED IN CFR 261.31 (e.g.,F020,F021,F023,F026,F027, OR F028) ? ☐ YE ☒ NO

7. IS THIS WASTE RESTRICTED FROM LAND DISPOSAL (40 CFR 268)? ☐ YE ☒ NO
HAS AN EXEMPTION BEEN GRANTED ? ☐ YE ☒ NO
DOES THE WASTE MEET APPLICABLE TREATMENT STANDARDS ? ☒ YE ☐ NO

REFERENCE STANDARDS: 40 CFR 268.41
CCW D006 & D008

PART II

1. MATERIAL CHARACTERIZATION
(OPTIONAL- NOT REQUIRED DATA)

COLOR: VARIOUS
DENSITY _____ BTU/ _____
TOTAL SOLIDS _____ ASH CONTENT _____
LAYERIN ☐ MULTILAYERED ☐ BILAYERE ☐ SINGLE ☐

2. RCRA CHARACTERISTICS
PHYSICAL STATE: ☒ SOLID ☐ LIQUID ☐ SEMI-SOLID ☐ GAS ☐ OTHER
TREATMENT ☐ WASTEWATER ☒ NON-WASTEWATER
☐ IGNITABLE(D001)
FLASH POINT (F) >200 F.
☐ HIGH TOC (>10%)
☒ LOW TOC (<10%)
☐ CORROSIVE (D002)
pH N/A
☐ CORRODES
☐ REACTIVE (D003)
☐ WATER REACTIVE
☐ CYANIDE REACTIVE
☐ SULFER
☒ TOXICITY CHARACTERISTIC
(SEE REVERSE FOR

3. CHEMICAL COMPOSITION (ppm or mg/L)

COPPER _____ PHENOLICS _____
NICKEL _____ TOTAL HALOGENS _____
ZINC _____ VOLATILE ORGANICS _____
CHROMIUM-HEX _____ PCBs _____
(OTHER _____

NOTE: EXPLOSIVES,SHOCK SENSITIVE,PYROPHORIC,RADIOACTIVE, AND ETIOLOGICAL WASTE ,NORMALLY ARE NOT ACCEPTED BY THE DRMO.

4. MATERIAL COMPOSITION

COMPONENT	CONCENTRATION	RANGE
Rags, Dry,		100%
Cadmium	1.70 ppm	
Lead	6.38 ppm	
TPH	259,958 ppm	
TOTAL	100%	

5. SHIPPING INFORMATION
DOT HAZARDOUS MATERIAL? ☒ YES ☐ NO

PROPER SHIPPING NAME ENVIRONMENTALLY HAZARODUS SUBSTANCE SOLID, NOS, EPA D006, D008

HAZARD CLASS 9, III U.N or N.A. NO. UN3077
ADDITIONAL DESCRIPTION _____
METHOD OF SHIPMENT ☐ BUL ☒ DRUM ☐ OTHER _____
CERCLA REPORTABLE QUANTITY Solid
EMERGENCY RESPONSE GUIDE
DOT PUBLICATION 5800.4 PAGE NO. 31 EDITION (YR) 1993
SPECIAL HANDLING INFORMATION _____

6. GENERATOR CERTIFICATION
BASIS FOR INFORMATION MSDS, Process Control & Analysis
☒ CHEMICAL ANALYSIS *(ATTACH TEST RESULTS)* Environmental Lab of Texas, Inc. 2 June 94; Call #8, Builidng 133 Drum of Rags
☐ USER *(ATTACH SUPPORTING DOCUMENTS - Explain how and why these documents comply with RCRA requirements)* Product knowledge and MSDS

I, Sgt Jenkins (Print or Type Name), HEREBY CERTIFY THAT ALL INFORMATION SUBMITTED IN THIS AND ALL ATTACHED DOCUMENTS IS TO THE BEST OF MY KNOWLEDGE AN ACCURATE REPRESENTATION OF THE WASTE TURNED IN TO THE DRMO. ALL KNOWN OR SUSPECTED HAZARDS HVE BEEN DISCLOSED.

SIGNATURE OF GENERATOR'S: Marc Jenkins
DATE: 8 June 1994

TOXICITY CHARACTERISTIC LIST

EFFECTIVE 25 SEP 90 - LARGE QUANTITY GENERATORS
29 MAR 91 - SMALL QUANTITY GENERATORS

	CONTAMINANT	EPA HW NO.	(mg/L)		CONTAMINANT	EPA HW NO.	(mg/L)
	ARSENIC	D004			HEXACHLORO-1,3-BUTADIENE	D033	
	BARIUM	D005			HEXACHLOROETHANE	D034	
	BENZENE	D018		x	LEAD	D008	6.83
x	CADMIUM	D006	1.70 ppm		LINDANE	D013	
	CARBON TETRACLORIDE	D019			MERCURY	D009	
	CHLORDANE	D020			METHOXYCHLOR	D014	
	CHLOROBENZENE	D021			METHYL ETHYL KETONE	D035	
	CHLOROFORM	D022			NITROBENZENE	D036	
	CHROMIUM	D007			PENTACHLOROPHENOL	D037	
	O-CRESOL	D023			PYRIDINE	D038	
	M-CRESOL	D024			SELENIUM	D010	
	P-CRESOL	D025			SILVER	D011	
	CRESOL	D026			TETRACHLOROETHYLENE	D039	
	2,4-D	D016			TOXOPHENE	D015	
	1,4-DICHLOROBENZENE	D027			TRICHLOROETHYLENE	D040	
	1,2-DICHLOROETHANE	D028			2,4,5- TRICHLOROPHENOL	D041	SEE ATTACHED
	1,1-DICHLOROETHYLENE	D029			2,4,6- TRICHLOROPHENOL	D042	ANALYSIS
	2,4-DINTROTOLUENE	D030			2,45- TP (SILVEX)	D017	
	ENDRIN	D012			VINYL CHLORIDE	D043	
	HEPTACHLOR (AND ITS HYDROXIDE)	D031					
	HEXACHLOROBENZENE	D032					

PART III

FOR DRMO USE ONLY

DRMO VERIFICATION

1. DATE VERIFIED _____

2. RESULTS ☐ ATTACHED

pH _____ FLASH POINT _____ SPECIFIC GRAVITY _____ HALIDES (TOX) _____

REACTIVITY: WATER REACTIVITY _____ CYANIDES _____ SULFIDES _____

TCLP _____

DEPARTMENT OF THE AIR FORCE
27TH MEDICAL GROUP (ACC)
CANNON AIR FORCE BASE, NEW MEXICO 88103-5014

FROM: 27OG/WSF 12 May 94
(Date)

SUBJ: Request For Sampling/Analysis

TO: 27 CES/CEV
27 MG/MGPB
IN TURN

1. Request sample(s) be taken of Rags - Cloth (~~PD-680~~, ~~waste oil~~, ~~rags, etc.~~) or mixture of the following chemicals ~~May contain~~ hydraulic fluid, grease, A/C, at Bldg ~~Synthetic 7808 oil spec, fuel, degreaser~~ This waste was generated by _____ (process) and may contain the following contaminant(s): TCLP Metals (metals, MEK, toluene, benzene, etc.)

2. I certify the waste is:

_____ A controlled single waste stream.

-X- A mingled accumulation of waste from the following processes: ~~Found at Bldg 133, Maintenance~~ ~~Hyper wipe up rags~~

4. The POC for this waste stream is Sgt Mark Jenkins (Name) at extension 4-4323.

Mary Perkins
(Signature, Unit)

1st Ind, 27 CES/CEV 12 May 94
(Date)

TO: 27 MG/MGPB

Environmental Management has determined the waste will be disposed using the following method: TCLP Metals, Volatile/semi (energy recovery, buried, recycle, etc.) Volatile organics, TPH, Flash point (Solid) Sulfide/Cyanides Reactivity Corrosivity,

Vera Wood
Signature, 27 CES/CEV)

Drum located at 90DAY AP as of 1515, 12 May 94

HWPS:OGW101. 94-

ENVIRONMENTAL LAB OF TEXAS, INC.

"Don't Treat Your Soil Like Dirt!"

June 2, 1994

Environmental Spill Control
Mr. Allen Hodge
P.O. Box 5890
Hobbs, NM 88241

Sample Matrix: Rags
Project: Call #8 Building 133, Drum of Rags
Submitted By: Allen Hodge

Date Received: 5/14/94
Analysis Date: 5/16/94

CHEMICAL ANALYSIS REPORT

Parameter	Value	Units	EPA SW846 Test Method
Sample ID: Building 133 Drum of Rags			
Total Petroleum Hydrocarbons	259,958	ppm	418.1

Total QC (Quality Control)

Total Petroleum Hydrocarbons QC: Blank spiked with 171 ppm
Detection Limit 10 ppm

	Result	% A
TPH	171 ppm	100

Kirk Robinson

12600 West I-20 East · Odessa, Texas 79763 · (915) 563-1800 · Fax (915) 563-1713

ENVIRONMENTAL LAB OF TEXAS, INC.

"Don't Treat Your Soil Like Dirt!"

June 2, 1994

Environmental Spill Control
Mr. Allen Hodge
P.O. Box 5890
Hobbs, NM 88241

Sample Matrix: Rags
Project: Call #8 Building 133, Drum of Rags
Submitted By: Allen Hodge

Date Received: 5/14/94
Analysis Date: 5/22/94

CHEMICAL ANALYSIS REPORT

Compounds	Actual	40 CFR 261.24 EPA Limit	Detection Limit	QC	%P	%EA	%IA
Sample ID: Building 133 Drum of Rags							
TCLP Volatiles (ppm)							
Vinyl Chloride	ND	0.20	0.002	0.059	119	134	118
1,1-Dichloroethene	ND	0.70	0.002	0.054	124	118	108
Methyl Ethyl Ketone	ND	200.0	0.020	0.057	117	---	114
Chloroform	ND	6.00	0.020	0.062	113	108	124
1,2-Dichloroethane	ND	0.50	0.002	0.056	118	112	112
Benzene	ND	0.50	0.002	0.054	112	108	108
Carbon Tetrachloride	ND	0.50	0.020	0.046	92	90	92
Trichloroethane	ND	0.50	0.002	0.042	98	80	84
Tetrachloroethene	ND	0.70	0.002	0.055	97	114	110
Chlorobenzene	ND	100.0	0.002	0.053	95	98	106
1,4-Dichlorobenzene	ND	7.50	0.002	0.051	98	100	102

Surrogates	%Recovery
1,2-Dichloroethane	74
Toluene -d8	103
4-Bromofluorobenzene	90

QC= .05, Spike=.05, Surr. Spike=.05
Methods: EPA SW 846-8240/1311

NON RCRA
Jerry Wood

ND = Not Detected

Kirk Robinson

12600 West I-20 East · Odessa, Texas 79763 · (915) 563-1800 · Fax (915) 563-1713

ENVIRONMENTAL LAB OF TEXAS, INC.

"Don't Treat Your Soil Like Dirt!"

June 2, 1994

Environmental Spill Control
Mr. Allen Hodge
P.O. Box 5890
Hobbs, NM 88241

Sample Matrix: Rags
Project: Call #8 Building 133, Drum of Rags
Submitted By: Allen Hodge

Date Received: 5/14/94
Analysis Date: 5/20/94

CHEMICAL ANALYSIS REPORT

Parameter	EPA Limit	Det. Limit	Actual	%P	%EA	QC	%IA
Sample ID: Building 133 Drum of Rags							
TCLP Semi Volatiles (ppm)							
Pyridine	5.0	0.001	ND	101	87	0.418	83
1,4-Dichlorobenzene	7.5	0.001	ND	102	103	0.587	117
o-Cresol	200	0.001	ND	102	110	0.606	101
m,p-Cresol	200	0.001	ND	102	106	1.111	111
Total Cresol	200	0.001	ND	102	108	1.717	114
Hexachloroethane	3.0	0.001	ND	102	97	0.600	120
Nitrobenzenene	2.0	0.001	ND	102	109	0.610	122
Hexachlorobutadiene	0.5	0.001	ND	101	103	0.561	112
2,4,6-Trichlorophenol	2.0	0.001	ND	101	92	0.465	93
2,4,5-Trichlorophenol	400	0.001	ND	95	110	0.424	84
2,4-Dinitrotoluene	0.13	0.001	ND	101	91	0.525	105
2,4 D	10.0	0.01	ND	101	107	0.361	72
Hexachlorobenzene	0.13	0.001	ND	101	103	0.642	128
2,4,5-TP	1.0	0.01	ND	101	114	0.513	102
Pentachlorophenol	100	0.001	ND	90	102	0.434	86
Lindane	0.4	0.001	ND	100	81	0.544	108
Total Heptachlor	0.008	0.001	ND	102	95	1.052	105
Endrin	0.02	0.001	ND	106	75	0.531	106
Methoxychlor	10.0	0.001	ND	100	107	0.493	98
Chlordane	0.03	0.0002	ND	100	105	0.002	100
Toxaphene	0.5	0.005	ND	100	110	0.0193	97
	% Recovery						
2-Fluorophenol SURR	84						
Phenol-d5 SURR	95						
Nitrobenzene-d5	97						
2-Fluorobiphenyl SURR	93						
2,4,6,-Tribromophenol SURR	75						
Terphenyl-d14 SURR	89						

Methods: EPA SW 846-8270/1311

Kirk Robinson

12600 West I-20 East · Odessa, Texas 79763 · (915) 563-1800 · Fax (915) 563-1713

ENVIRONMENTAL LAB OF TEXAS, INC.

"Don't Treat Your Soil Like Dirt!"

June 2, 1994

Environmental Spill Control
Mr. Allen Hodge
P.O. Box 5890
Hobbs, NM 88241

Sample Matrix: Rags
Project: Call #8 Building 133, Drum of Rags
Submitted By: Allen Hodge

Date Received: 5/14/94
Analysis Date: 5/16/94

Parameter	Value (ppm)	Waste Code	EPA Limit (ppm)	QC	% Accuracy	Detection Limit
Sample ID: Building 133 Drum of Rags						
Arsenic (As)	<0.1		5.0	3.1	102	0.1
Selenium (Se)	<0.2		1.0	3.1	102	0.2
Chromium (Cr)	.20		5.0	2.9	98	0.1
* Cadmium (Cd)	1.70	D006	1.0	2.9	98	0.1
* Lead (Pb)	6.83	D008	5.0	2.9	98	0.1
Barium (Ba)	<1.0		100	99	99	1.0
Mercury (Hg)	<0.001		0.20	0.020	100	0.01
Silver (Ag)	<0.1		5.0	2.9	98	0.1

RCRA

Methods: EPA SW 846-1311, 6010, 7471
TCLP Metals QC: Blank spiked with 3.0 ppm As, Cr, Pb and Ag; 3.0 ppm Se and Cd; 100 ppm Ba; and 0.020 ppm Hg.

Kirk Robinson

12600 West I-20 East · Odessa, Texas 79763 · (915) 563-1800 · Fax (915) 563-1713

ENVIRONMENTAL LAB OF TEXAS, INC.

"Don't Treat Your Soil Like Dirt!"

POC: Jeff Jenkins
270 GW 0 GW
103 East Terminal
Suite 106
X44323

June 2, 1994

Environmental Spill Control
Mr. Allen Hodge
P.O. Box 5890
Hobbs, NM 88241

Sample Matrix: Rags
Project: Call #8 Building 133, Drum of Rags
Submitted By: Allen Hodge

Date Received: 5/14/94
Analysis Date: 5/18/94

CHEMICAL ANALYSIS REPORT

Parameter	Value	Units	Detection Limit	%P	%EA	QC	%IA
Sample ID: Building 133 Rags							
Total Arochlors (PCB's)	0.49	ppm	0.25	100	100	1.21	97

ND- Not Detected

Not a liquid
Does not = or exceed 50ppm

Methods: EPA SW 846-8080

PCB QC: 1.25 ppm of 42/54/60 PCB.
PCB Spike: 2.5 ppm of 54 PCB.

Kirk Robinson

12600 West I-20 East · Odessa, Texas 79763 · (915) 563-1800 · Fax (915) 563-1713

APPENDIX E
HOW TO SELECT CONTAINERS FOR SAMPLING

1. Assume that there are 8 containers.

2. Multiply the number of containers by 0.2, and round to the nearest whole number as discussed in Section 3.4 (round up if $4 \geq 0.5$, round down if < 0.5). Therefore, since 8* 0.2 is 1.6, 2 containers will be sampled.

3. Assign a two digit number to each drum consecutively, ranging from "01" to "08".

4. Now refer to the attached Table of Random Numbers. These numbers will be used to decide which of the 8 drums to sample. Select the point at which to begin in the table by using the date of sampling. For example, if sampling is to occur on October 14, 1995, move to the 10th horizontal set of numbers labeled 'Oct'. Then move to the 14th set of vertical numbers (the 14th day of the month). This portion of the random numbers table has been copied into the chart below. Using the year, "95", start with the first number on the first row of this set of 10 digits and count 9 digits to the right. At the nineth digit, count down 5 digits. This is the starting point (see the bold, italicized '7' in the chart).

5. Read the numbers from left to right in sets of two digits, since the barrels were numbered with two digits (01-08). Any number greater than 08 is ignored. If any number is repeated, each repeat is ignored. At the end of a row on the page, return to the far left on that same page and begin reading numbers left to right in the next row below it. Continue selecting two digit numbers between "01" and "08", inclusive, until the number of drum samples required has been fulfilled. In the chart below, drums numbered 08 and 04 have been selected for sampling.

	14			15		16		17		18
Oct	67803	37699								
	68656	81758								
	53339	52615								
	58315	38798								
	12192	082***7**7	73891	0**08**20	37173	28736	51085	25449	00744	953**04**

TABLE OF RANDOM NUMBERS

	1 (21)		2 (22)		3 (23)		4(24)		5 (25)		6 (26)		7 (27)		8 (28)		9 (29)		10 (30)	
Jan	55405	81574	46052	94015	30717	43102	10892	80011	07186	18500	39971	88109	67520	58532	43384	41576	42422	79098	72822	31906
	43983	48215	98063	54544	53042	90361	25706	89187	52357	49448	63371	52382	70669	66729	04044	52895	98438	43914	47338	70484
	97702	71202	01042	25169	73289	23486	50725	60710	85391	96025	22099	32675	95362	06667	52819	09371	89637	98775	46976	73926
	40693	52583	72569	27681	34752	55393	35642	89728	18509	83342	99604	27083	09794	58720	57926	30296	35218	04176	15992	36350
	14951	96303	44772	89616	50009	92641	04131	97982	80996	78074	89666	39239	25032	97210	36952	46911	61682	08720	74078	39492
Feb	67888	62626	84344	76842	83765	25981	59719	84425	84804	95231	70927	39421	62287	48604	30957	18003	91630	18712	65594	13435
	00146	44433	83232	21460	82110	88785	12938	63791	63206	48726	78233	65987	04627	01760	11535	82394	02104	62466	08048	98186
	23000	41432	90746	53647	30917	30813	90267	66660	88998	65499	44185	72724	09505	68200	04964	47947	92254	43353	77856	60244
	24090	46849	89576	58932	36813	58397	02020	88533	68768	70497	20746	29396	95307	03042	04112	21666	49303	24980	85867	91616
	77867	80619	29066	70981	48890	54682	68591	17641	94053	55725	30642	86428	75254	76637	17142	40637	44845	26273	23298	32624
Mar	69061	49287	78396	77931	23893	23531	43723	33156	57388	18484	55839	99902	02075	34139	23176	44140	83100	20880	51777	86176
	00746	15811	08512	89949	31053	51391	17598	14041	77782	78990	55387	71951	77177	75640	30736	19174	65350	80098	05688	36807
	10732	64188	68806	52698	02101	96943	80448	18690	71164	61995	35886	41484	85105	71506	01135	57884	45274	40823	69201	60416
	01604	15658	59484	82154	65916	77787	74927	27925	49548	02935	47264	76807	16083	38285	21680	92160	37804	72662	61333	98110
	56024	17242	71082	10982	07239	52559	87398	40756	69842	11888	05385	20648	27808	42542	88272	32356	70839	10045	67405	47607
Apr	63111	48360	47035	40711	03138	57711	08435	07187	55044	79924	46610	53683	55568	11397	82679	52649	53328	03699	94754	08550
	58085	41110	71084	98356	82830	24484	65798	67503	87949	70264	04750	44525	14308	66103	63970	09311	73057	70436	89426	62088
	03382	06841	68128	51272	98628	99224	25189	59231	33269	63457	73948	12112	27593	63375	49062	24980	46981	34500	58203	84394
	36541	16466	19539	78851	83195	21868	54180	24685	80817	18344	17859	62091	52748	26650	96885	79521	40399	92355	79633	77554
	41239	48887	06906	18286	21484	29630	10265	44108	73182	40663	93119	27886	80654	85588	33231	38785	68528	73113	90607	02756
May	07957	43803	64436	17640	14866	18684	96803	23213	41523	13738	78392	50561	14849	35444	06447	96679	20443	62967	18536	45474
	10618	31951	54975	23148	19387	62458	99597	32764	09420	76977	05311	00569	71040	82522	02165	46857	73457	43372	31852	55749
	97856	61305	12355	22268	25486	48611	26192	15335	13389	83738	69164	04424	66672	91156	05485	04448	53567	36751	29153	97649
	77779	60397	52911	29267	82365	67942	63725	53726	14584	18633	65441	86849	61182	19106	88178	46815	29368	73486	13069	35800
	34645	97425	82454	20676	93799	49167	81980	23242	45688	13545	21687	88535	66436	20349	62875	99179	76599	20167	62712	57503
Jun	72150	41447	85910	53026	67288	46843	43756	29969	20956	23399	91692	34780	60667	90229	65774	07305	33559	12525	00956	16799
	86371	60347	70241	54938	83977	42222	57776	89027	04059	93237	77169	67382	51130	50538	93659	70275	84090	73960	90668	59329
	05650	22695	38866	52115	94433	03541	37072	50383	50303	61891	66230	74987	99893	26075	46676	71665	49348	95533	28538	48835
	30742	80634	90506	94376	76843	56813	36935	68406	19921	79350	93337	23783	89849	47426	29827	35405	87864	21013	02800	80896
	94196	26166	48397	39856	49498	81380	69347	61251	02590	93532	73778	67565	17111	20364	90255	67200	16622	05101	81538	95546
Jul	74148	37160	02822	88248	14069	66418	39939	18361	71795	64917	16744	88392	26145	75431	27895	98860	78595	83938	46499	58673
	50429	54000	14045	02738	25087	78302	91687	51153	47513	37881	90807	22673	11832	38997	21812	08502	70348	10503	66235	47474
	59764	23871	43876	02701	29160	40801	55363	67746	36814	25641	98208	30667	35221	35354	05368	38589	59782	44266	61157	35306
	66073	42424	92630	91485	64430	88193	43047	42615	09655	26941	06558	17726	55910	41038	01020	23315	19102	51074	87469	05118
	06355	69940	37160	19816	76214	16430	59423	90310	21196	94461	66101	96706	97819	02564	91710	38028	24908	44996	81186	93642
Aug	79387	12795	47998	44968	57349	00248	18642	73047	36814	97935	89113	57985	72593	13059	91477	64980	81218	03682	60909	23800
	11168	98441	60592	76911	04852	24446	22921	92883	41561	88191	30900	71867	86005	65815	77206	17438	64270	01298	93817	08133
	79955	09954	30047	04410	77251	69347	99852	69308	28373	50922	94057	38354	13911	40657	72123	05320	55706	98914	86211	84560
	62525	61790	07366	00386	21106	18796	95632	57924	17741	07280	82302	39259	64364	62411	19208	99063	63474	08710	56744	50864
	48092	11967	25577	60626	04942	09213	65002	97388	92951	28049	80512	12734	77598	58808	70516	52963	65821	20288	59872	67655
Sep	99881	14721	26198	96172	96067	22307	73261	11267	62650	58063	18006	63873	22935	99939	49158	88945	41561	30274	21251	91600
	35939	41566	44040	20061	90765	08591	76152	92847	67913	58624	76259	36967	90970	81221	58574	71300	09312	35158	72133	73419
	37725	21547	84615	89865	46499	37443	55006	48094	86491	33170	05133	55329	72104	10096	89083	35824	70493	36437	58611	65924
	48940	82326	55062	46231	82866	64012	50539	60078	34471	36148	80737	49685	83538	19994	88321	36490	36922	05571	99102	29099
	77159	42333	79943	58320	10909	30108	00154	29974	20101	46003	50303	96164	43578	33064	86815	51122	46882	09757	14997	53375
Oct	44641	95461	51886	38604	88913	83848	79255	32345	04349	89429	93378	81679	01646	84714	98978	96006	55185	02427	77119	11186
	56802	39969	06386	08653	43793	11620	62681	53756	69976	30012	78425	31642	21923	80267	61812	58379	59173	69488	41793	68549
	57456	78570	72361	28485	71175	76606	78348	95485	92381	44626	14543	37816	77173	51222	41761	20163	08858	60257	04963	95925
	60859	92021	31002	69230	14291	05925	45574	30020	17698	88443	64807	29065	53926	24105	14103	49169	71207	63990	07682	89338
	98385	48027	87407	57710	12548	44730	46841	38777	65219	03741	18988	74351	63492	27140	13411	65033	13547	78871	37925	85553
Nov	69932	83428	70926	42984	17954	78759	15249	75155	75242	57688	19462	52612	04046	07065	43049	46902	14848	94562	29516	88179
	43707	08932	52570	55079	79140	36988	94177	94896	37824	52461	84292	89173	27815	27747	07474	42581	86765	01473	39862	44946
	78137	71058	50316	16458	35525	60759	82592	57882	58185	04993	51541	45223	69985	83774	00067	70113	74458	03274	44199	84749
	11941	29691	90735	72505	08731	87210	70448	99455	57141	00360	30117	30660	61431	68480	38820	62816	25226	16720	60340	93050
	86755	92814	79164	07327	72893	66078	02336	27429	67682	14128	00386	12787	77568	57373	87296	13284	60645	00646	16320	50890
Dec	72841	16399	82109	32783	51890	55446	03577	21972	73516	91564	77311	93000	29943	57541	31528	28980	94899	10047	09794	31788
	54042	65740	83601	84784	81607	59817	06938	97972	35615	96855	35717	78894	75324	78114	30247	93556	50481	35895	88445	99661
	15416	88534	12124	15069	77262	91829	75203	50021	76268	00891	86191	40613	39794	76664	16613	56419	32312	50454	15602	97668
	39945	25671	42868	68946	93264	41225	83690	42303	20428	02596	61550	47525	37188	56228	60934	35652	55464	02865	84093	03122
	89325	16207	27848	55677	56658	38157	91744	28059	21831	37155	97303	69929	58309	66565	80679	72921	30206	94981	52680	83406

TABLE OF RANDOM NUMBERS

	11 (31)		12		13		14		15		16		17		18		19		20	
Jan	00908	91781	71638	28139	92485	80254	55742	92591	66549	56038	08436	55757	29288	04206	42495	33044	74597	63594	71585	07917
	50297	40029	20803	00244	67280	63135	48414	79139	65302	95463	13882	37256	94968	96637	89890	06045	79487	23222	62935	52484
	18473	42592	55440	12008	71341	25970	23486	35251	81313	25289	36536	03046	90202	68585	12645	51287	00021	85865	96816	18580
	13860	50381	63078	66016	60554	87653	86826	50847	92852	75936	96068	61529	13924	19559	88721	07857	44177	90095	88911	19557
	83426	79947	73897	16572	24047	58996	93150	94723	65590	74539	44867	57013	68659	64448	82780	38444	65540	61108	16353	50218
Feb	50788	94708	21044	18980	75420	78908	14129	50055	95614	55012	80840	44737	96204	21278	19642	24244	59465	81055	54023	53572
	28589	61807	48492	46912	29959	28705	28460	44110	59395	44775	30834	53193	69456	53472	02712	05466	57192	86797	97919	01138
	61159	28922	75665	80395	02480	70439	97887	56468	37525	05571	15577	69249	69814	25634	93026	88084	93154	89082	14669	05783
	04864	40127	41108	51748	55160	84302	41621	64018	37200	29764	11894	94236	53668	21600	45474	20123	44731	51117	40559	56748
	61410	07335	47631	05124	63668	22853	02546	63057	30694	65901	55956	98171	80132	61466	06521	55054	22751	82252	62087	65110
Mar	97777	82199	48158	86613	73064	10259	74849	75375	59276	26967	81927	58951	35316	76990	99334	14701	41350	40151	46382	50965
	70371	08823	18785	79513	05515	45096	60567	24177	31973	15305	97831	76375	07968	87454	08468	61194	94455	49575	91409	24679
	94068	56020	44968	84576	70753	21571	12219	08206	86456	94243	35391	67164	05961	07085	75286	92206	44147	19746	30272	72794
	73809	45703	27036	34773	57165	37138	06294	74105	48992	47707	31700	08880	34741	83750	30848	07037	63974	24259	53233	35794
	89515	97492	13713	83657	13416	75368	98967	76232	01289	59137	58949	58552	37475	80737	46142	21161	95856	02339	40809	35793
Apr	22512	68466	14820	00671	21625	95734	56926	07152	85723	67098	21062	12473	37012	00887	04274	10119	08898	61927	86197	76078
	80526	13803	37399	08290	54963	26029	81224	35155	04889	66865	30083	71053	91483	11869	37887	18116	02627	15210	94470	38191
	81383	90954	09181	81691	71628	07520	58506	73703	14729	90296	12053	19742	39711	27494	64403	18546	58446	09891	12554	94205
	08009	78718	74988	99710	06942	07034	19498	95550	57191	74181	30277	93382	30228	38510	59395	68602	04373	81782	22265	29101
	43283	80452	47751	17323	38427	13330	09866	72802	22834	28174	53020	20083	63028	96624	68494	09057	75704	66567	84069	62933
May	68376	73826	36621	44121	73814	18792	06303	61102	10838	84400	69297	15808	66571	38259	34133	69271	81229	07938	99062	04132
	41018	37076	38857	13005	81773	36856	94972	63168	21031	19051	02718	14172	47825	21711	41574	47238	93618	58443	24981	67081
	06076	84104	31887	75380	18731	17941	35566	82060	09394	59086	46649	04045	07187	54861	05156	47438	12700	64677	97439	90569
	78761	71363	35327	70106	24605	03910	68244	03192	14600	75664	51202	15786	35841	88088	83919	44656	55923	17700	32094	68304
	77694	39482	61167	96165	69960	30979	14572	20863	69606	54531	89567	58850	38269	33043	13391	94073	47060	29959	97435	05873
Jun	93819	85671	69796	35388	83119	84478	14231	87577	76211	78022	53554	02783	90824	01687	49494	96429	62323	68561	84915	72148
	31610	43642	72398	19046	22767	07861	99439	39780	14328	13124	83422	63289	88173	52527	62196	87449	46306	32016	69128	13171
	31812	44060	03444	93675	14649	59280	85005	40359	75341	78867	42894	74933	90363	71059	76678	32884	09695	21432	85012	35482
	54379	87764	19363	15049	61928	40774	94086	67037	78092	89131	72800	44420	76868	63879	83031	54909	28453	03106	98328	20637
	63423	41813	74781	23537	23389	35292	86530	93561	29292	39915	97344	20006	44507	76176	08569	69880	61954	24350	30150	28297
Jul	45488	86032	43882	73243	43799	27230	68690	83581	89010	50989	34470	98372	47926	24847	42460	64120	62106	47871	81135	86586
	95085	26889	24764	50840	14462	34364	99197	20454	95764	90528	63524	81106	29759	37635	32870	10917	37846	28349	38541	62256
	84555	53494	47677	68814	33250	69363	84090	15769	86691	62169	76300	16104	62559	93355	42142	42340	58143	78794	66017	26825
	00905	58128	58104	47117	11946	08715	20964	83586	03346	16616	81234	07510	67446	99699	28223	91325	05791	31543	03850	37398
	90925	82290	10586	56144	94984	68300	68715	99190	65215	02377	63240	98915	53943	67736	75577	22620	00601	01199	15648	76764
Aug	03727	90681	29678	12281	15792	04011	02686	18774	92373	37824	07445	44699	22933	57622	32842	68986	66617	12386	43365	01051
	51969	66636	54317	52809	78050	41835	59059	70353	23760	36045	62704	58664	93457	28253	88566	13671	27074	32105	81714	54512
	50602	15388	74086	97470	42458	49142	32535	01946	72262	39461	35528	19704	00672	62955	82409	41845	88333	85467	44493	78569
	14971	73342	02419	65378	04912	46989	20591	15854	35454	12017	64616	30653	31831	99675	02737	39780	71604	22406	20935	29630
	30256	46076	45171	11783	49953	20123	53233	95075	67434	26122	89991	49218	62715	65079	38137	42177	79159	33434	53652	53287
Sep	70438	67615	99872	55980	28483	49873	59376	84476	08346	94409	53230	77022	01604	86211	70529	26947	27859	71643	22029	73302
	44074	62583	15909	08288	83758	35858	96977	91119	39494	96204	06565	59911	09748	66010	53655	60099	88966	18793	87068	21787
	78021	56568	21845	98422	67516	86075	29800	54883	17873	78627	41346	76257	47394	89790	27713	65269	56099	02906	77414	63584
	35476	61451	56322	77389	91086	96678	47284	03872	91598	36623	16375	67905	24554	70350	11643	97179	70357	69845	74997	03091
	31049	01905	80326	43352	43236	02212	36023	86826	44493	07670	40269	21985	30557	53213	64264	96940	48547	68326	61577	39827
Oct	38488	13554	10120	08837	80734	15178	67803	37699	87651	07053	93227	53322	17242	70665	72869	90546	65062	03008	75265	78287
	40347	91408	79052	19739	39140	95023	69656	81768	02256	45513	38329	24286	02862	54371	93599	58861	08027	43182	97528	94682
	29923	55117	03812	62955	20410	66928	53339	52615	02854	18795	06761	76080	95149	45930	91857	06778	93288	85375	67250	17997
	72841	23740	20619	16251	51247	35346	58315	38798	34204	80472	72738	37608	63396	57972	16387	99664	73717	77910	67219	61129
	08071	00874	34831	31526	61308	59377	12192	08277	73891	00820	37173	28736	51085	25449	00744	95304	06310	02340	71121	25491
Nov	59339	60364	28463	21648	80175	10646	81050	25991	92343	91637	10770	36808	53469	73743	48412	50364	38186	62063	86329	64297
	74628	89518	46621	03739	96465	63209	12661	24874	97709	76018	96931	62781	83621	30910	05367	56999	08272	51633	02365	02992
	40033	35395	32432	39213	30905	29754	04563	30280	11863	07646	70480	16663	20904	02820	90875	34942	87080	36510	42523	95624
	64746	69549	75710	80700	12215	11393	58109	38859	89789	66548	79090	19362	70685	51904	85371	12846	37612	76236	32120	45353
	14441	73943	54949	08373	42520	74048	37965	59782	33473	14715	55452	34175	82396	20187	72599	20838	73618	42801	75677	91636
Dec	52012	70037	35551	40354	80747	24688	30282	70747	68695	68481	54775	51689	11896	83412	50195	40854	75300	03712	17756	69840
	67313	23444	07953	25831	53875	27597	09083	18663	57489	24095	96549	68860	77003	03468	78524	51294	21213	53823	64060	19809
	89031	22601	23796	39945	86663	78247	89640	85579	55775	30092	21455	19662	91457	19812	04460	87556	97329	34790	12984	17065
	86649	75722	39818	11314	70175	90311	96219	69379	77960	73481	21846	29356	31739	16344	49149	56708	07671	79716	41998	83782
	30726	58172	43075	24715	85918	45318	42656	04564	18499	93738	91862	17307	12911	65583	67523	58950	45132	78498	14302	60869

APPENDIX F
EMERGENCY COORDINATORS

Title	Duty Phone
On-Scene Coordinator: Commander, 27 CSG	4-2761
First Alternate: Base Civil Engineer	4-2008
Second Alternate: Base Fire Chief	4-4117/4852
Environmental Coordinator	4-2739

APPENDIX G
BASE SPILL RESPONSE SUPPORT SERVICES

	Organization/ Personnel	Duty Phone
1.	Command Post	4-2253
2.	Commander 27th Combat Support Group (Primary OSC)	4-2761
3.	Base Civil Engineer (1st Alternate OSC)	4-2008
4.	CE Service Desk	4-2001/2002
5.	Base Fire Department	4-4117
6.	Base Fire Chief (2nd Alternate OSC)	4-4117/4852
7.	Environmental Coordinator	4-2739
8.	Bioenvironmental Engineer	4-4063
9.	Disaster Preparedness Office	4-4177
10.	Security Police	4-4111
11.	Liquid Fuels Maintenance Technician	4-2112
12.	Staff Judge Advocate and Legal Office	4-2211
13.	Public Affairs Office	4-4131
14.	Safety Office	4-2811
15.	Base Hospital (Emergency)	4-4033
16.	Vehicle Control Center	4-2775
17.	Weather Squadron	4-2748
18.	Photographic Laboratory	4-2765
19.	DRMO Cannon	4-2437

APPENDIX H
LOCAL, STATE, AND FEDERAL EMERGENCY CONTACTS

LOCAL:

Police Departments

Clovis Police Department	(505) 769-1921
Portales Police Department	(505) 356-4404
New Mexico State Police	(505) 763-3426

Fire Departments

Clovis Fire Department	(505) 769-7814
Portales Fire Department	(505) 356-4406

Hospitals

Plains Regional Medical Center (Clovis)	(505) 769-2141
Plains Regional Medical Center (Portales)	(505) 356-4411

STATE:

NMED Office of Hazardous and Radioactive Waste*	(505) 827-2929
State of New Mexico Response Team	(505) 827-8329/9329

FEDERAL:

EPA Region VI*	(214) 655-6776
EPA Emergency Response Team	(214) 767-3274
HQ TAC Langley AFB VA/DEEV Environmental Coordinator	Duty Hours: DSN 432-4430 804-764-4430 Non-Duty Hours: DSN 432-2224/2225 804-764-2229

OTHER:

National Response Center*	(800) 424-8802
CHEMTREC**	(800) 424-9300
ETIS**	(904) 283-6167
Poison Control Center (Albuquerque)**	(800) 432-6866

---

* Organizations that must be promptly notified if spill deemed a reportable quantity by OSC.
** Organizations that can assist in providing specific information concerning spilled product.

APPENDIX I
PHONE LIST FOR RESOURCES
AND
EMERGENCY RESPONSE EQUIPMENT LISTS

	Duty Hours	After-duty Hours
Fire Department	4-4117	4-4117
Civil Engineering Service Call	4-2001	4-2001
Security	4-2677	4-2677
Environmental Management	4-2739	4-2001
Bioenvironmental Engineering	4-4063	4-2001
Liquid Fuels Maintenance	4-2112	4-2001
Petroleum, Oils, Lubricants	4-4531	4-4531
Disaster Preparedness	4-4177	4-2001
Motor Pool Vehicle Dispatch	4-2833	4-2001
Medical (Emergency Room)	4-4033	4-4033
Aerospace Ground Equipment	4-2696	4-2695

DRMO EMERGENCY EQUIPMENT LIST
HWSF Building 226

Equipment
'EE' Electric Forklift
Manual Drum lift
Manual Pallet Jack
Safe Step (AD) Sorbent
85-Gallon Over Pack Drum
Broom
Non sparking Shovel
Non sparking Bung Wrench
First Aid Kit
Plastic Bags
Chemical Resistant
- Disposal Shoe Slip Clovers
- Rubber Over Boots, black
- Rubber Gloves, short unlined
- Rubber Gloves, lined
- Leather Gloves
- Ear Protectors
- Goggles
- Goggles, splash, sun, wind
- Eye Protection Glasses w/ side shields
- Coveralls, yellow, disposable
- One-piece Coveralls, white, disposable
- Face Shield, industrial
- White Safety Hat

CANNON AFB SPILL RESPONSE EQUIPMENT

General Purpose:

Bus, 28-passenger
Bus, 44-passenger
Stepvan, 1-ton
Stepvan, 1½-ton
Commercial Van, 2½-ton Cargo
Truck, 1-ton
Truck, 1½-ton

Special Purpose:

M-35 Series, 2½-ton
M-35 Series, 5-ton
Tractor, 5-ton
Tractor, 10-ton
Wrecker, commercial, 5-ton
Wrecker, M-816, 5-ton
Telephone Maintenance
High Reach
1,200-Gallon Gas Truck
H-11 Crane
A-34 Decontamination Truck
MB-4 Aircraft Tug
U-18 Crash Recovery Tug
U-39 Snow Removal Truck
Snow Removal, Blase Truck
AGE Tractor
Farm Tractor, WHLD Industrial
Sweeper, R/W
Sweeper, Street
R-5, R-9, R-11 Refueling Trucks
C-300, A-24 Refueling Truck
1,500-Gallon Water Truck
800-Gallon Distribution Bit Truck
Warehouse Tug, 4,000 lbs.
Forklift, Rough Terrain, 6,000 lbs.
Forklift, Battery Powered, 2,000 lbs.
Forklifts, 4,000, 6,000, 10,000, 15,000 lbs.

CANNON AFB SPILL RESPONSE EQUIPMENT (continued)

Heavy Equipment:

Loader, 25,000 lbs., A/C
Dump Trucks, 2½-, 5-, 10-Ton, M-Series
Cranes, 15-, 50-Ton
Dozer, D-6; TD-20
Grader, MT-2, TN2RL, 8-Ton

CIVIL ENGINEERING BASE SPILL KIT
CE Complex, 111 Engineers Way

Item Description	Quantity
85-gallon Overpack Drum	
Steel	25 ea.
Polyethylene	14 ea.
55-gallon Drum, steel, open head	97 ea.
55-gallon Drum, steel, closed head	67 ea.
Rags, bundle	8 bundles
Coveralls, general utility	3 ea.
Hard Hats	42 ea.
Face Shield, Silicone	40 ea.
Aprons, full length, rubber	40 ea.
Gloves	
Neoprene, outer glove	14 pr.
PVC, outer glove	28 pr.
Nitrile, outer glove, size 9	22 pr.
Nitrile, outer glove, size 10	33 pr.
Nitrile, outer glove, size 11	28 pr.
Norfoil, inner liner, size small	56 pr.
Norfoil, inner liner, size medium	84 pr.
Norfoil, inner liner, size large	70 pr.
Tyvek suits	
Asbestos work	2 ea.
Polylaminated, chemical, medium	21 ea.
Polylaminated, chemical, large	21 ea.
Saranex, chemical, medium	21 ea.
Saranex, chemical, large	21 ea.
Shovels	
Non-sparking, square blade	2 ea.
Steel, square blade	2 ea.
Steel, pointed blade	2 ea.
Goggles, unvented	42 pr.
Goggles, vented	42 pr.
Sample Bags, plastic	8 box
½-inch Tubing	40 lf
Bung Wrench, non-sparking	2 ea.
Ratchet Wrench, with 15/16" socket	1 ea.
Crescent Wrench, 3/4"	2 ea
Boots, chemical resistant	28 pr.
Handpump, corrosion resistant	2 ea.

CIVIL ENGINEERING BASE SPILL KIT (continued)

Item Description	Quantity
Visqueen, clear plastic	25 rolls
Respirators, Full Face	
3M EASI-AIR, size medium	8 ea.
3M EASI-AIR, size large	6 ea.
Respirator Cartridges (1 pr. per respirator)	
Acid Gas, Organic Vapor	28 ea.
HEPA, Dusts, Mists	7 ea.
Respirator Filter Clips (1 pr. per respirator)	
Acid Gas, Organic Vapor	7 ea.
HEPA, Dusts, Mists	7 ea.
Bleach, Sodium Hypochlorite	67 gal.
Vermiculite	220 lbs.
Sodium Bicarbonate	5600 lbs.
Freon II (PCB cleanup)	150 lbs.
Clay (oil and fuel spills)	2500 lbs.
Absorbent Socks	140 ea.
Socks, PIG, size small	110 ea.
Socks, PIG, size large	6 ea.
Pillows, PIG	80 ea.
Rain Suits, with hats	40 ea.
Mop	2 ea.
Drum Covers	170 ea.
Wood Anchor Stakes	10 ea.
Bucket, 5-gallon	2 ea.
Epoxy Putty Drum Repair Kit	8 roll
Ice Chest, 50-gallon	1 ea.
Storage Bags, respirator	60 ea.
Eye Wash (6 min. portable)	1 ea.
Draeger Tube Chemical Detection Kit (with tubes for ammonia, chlorine, toluene, acetone, benzene, hydrogen sulfide, xylene, and hydrazine)	1 ea.
Communications	
Multi-channel radios with charger unit	3 ea.
Personnel Protective Equipment	
10-gallon Water Jugs	3 ea.
First Aid Kit	1 ea.

CIVIL ENGINEERING BASE SPILL KIT (continued)

Item Description	Quantity
Box Ear Protectors	1 ea.
Containment	
Hacksaws	3 ea.
Assorted wooden and rubber plugs	1 lot
Soft and Hard Booms	200 ft.
Pressure Resistant Tape (2" x 60 yds.)	2 rolls
Duct Tape (2" x 60 yds.)	2 rolls
Support Equipment	
Explosion-proof Flashlights	15 ea.
Barricade Tape	100 yds.
Clipboard and Pens	5 ea.
Tape Recorder	1 ea.

Marking and Labeling

Assorted labels and markers: Flammable Liquid, Combustible Hazardous Waste (red), Non-Hazardous Waste, This End Up, Hazardous Waste (yellow), Flammable Gas, Nonflammable Gas, Empty, Oxidizer, Corrosive, Flammable Solid, Irritant, Poison, Poison Gas, Dangerous When Wet, Chlorine, Inhalation Hazard, Organic Peroxide.
Markal Print Stik (black)
Markal Print Stik (white)

Decontamination Equipment

Assorted 10- to 50-gallon Galvanized Buckets/Tubs
Decontamination Solution (or detergent water)
Rinse Water
Waterless Hand Cleaner
Tissues
Garden Hose

Reference Material

- NFPA Fire Protection Guide on Hazardous Materials (Environmental Management)
- C.H.R.I.S. Manual (Environmental Management, Fire Department)
- SAX Dangerous Properties of Industrial Materials (Environmental Management).

90-DAY ACCUMULATION POINT
Building 201

Closed Head Drums, 55-gallon	2 ea.
Open Head Drums, 55-gallon	2 ea.
Overpack Drums, 85-gallon	2 ea.
Overpack (contents in accordance with Part B Permit), 85-gallon	1 ea.
Overpack (containing absorbent), 85-gallon	1 ea.
PIG Spill Response Kit (for non-aggressive fluids)	1 ea.
PIG Spill Response Kit (for aggressive fluids)	1 ea.
Emergency Eyewash/shower	1 ea.
Explosion-proof Telephone	1 ea.
ABC-type Fire Extinguisher	1 ea.

Base Fire Department
HAZMAT Emergency Response Truck
Equipment List

ITEM	QUANTITY ON HAND	QUANTITY REQUIRED
Absorbent pad 12"x12"	100	50
Air Pak 4.5	7	5
Metal X	3	3
Absorbent Pads 36"x36"	30	15
Water Hose 50'	4	2
Box end wrench 1 1/16"x1 1/8"	1	1
Box end wrench 1"x 15/16"	1	1
Box end wrench 13/15"x25/32"	1	1
Combination wrench 1 1/16"	1	1
Combination wrench 1 1/4"	1	1
Combination wrench 13/16"	1	1
Combination wrench 15/16"	1	1
Combination wrench 1"	1	1
Combination wrench 3/4"	1	1
Combination wrench 7/16"	1	1
Combination wrench 7/8"	1	1
Open end wrench 1 1/4"x1 1/16"	2	1
Open end wrench 1 1/8"x1"	2	1
Parts brush	1	1
Scott Lens Prep	3	2
Wire Brush	2	1
Allen wrench 1/2"	1	1
Allen wrench 1/32"	1	1
Allen wrench 1/4"	2	1
Allen wrench 1/64"	1	1
Allen wrench 1/8"	1	1
Allen wrench 1/82"	1	1
Allen wrench 3/16"	1	1
Allen wrench 3/32"	1	1
Allen wrench 3/64"	1	1
Allen wrench 3/8"	1	1
Allen wrench 5/16"	1	1
Allen wrench 5/32"	1	1
Allen wrench 7/32"	3	1
Cold chisel 1/2"	1	1
Cold chisel 3/16"	1	1
Cold chisel 3/4"	2	1
Cold chisel 5/8"	1	1
Pin punch 3/8"	2	1
Can gas 5 gal	1	1
Military knife	3	1
Blood pressure cuff	1	1
Blood pressure kit auto	1	1
Clip board metal	1	1
Straight edge razor blade	16	8
Trelltest kit	1	1
Trellborg patch kit	2	1

BASE FIRE DEPARTMENT
HAZMAT Emergency Response Truck
Equipment List (continued)

Maxiforce air bag system	1	1
Adjustable wrench 10"	1	1
Adjustable wrench 12"	1	1
Adjustable wrench 6"	1	1
File flat bastard 10"	1	1
File flat bastard 12"	1	1
File miniature set	1	1
File round bastard 14"	1	1
Putty knife 1 1/4"	1	1
Light hand	3	2
Battery hand light	3	2
Generator	1	1
Pipe wrench 10"	1	1
Pipe wrench 14"	1	1
Pipe wrench 6"	1	1
Hack saw blade 10"	9	5
Hack saw blade 12"	8	5
Square steel bar 1"	1	1
Tin snip 12"	1	1
Tin snip aircraft	1	1
V-blade knife	2	1
Screw drvr std ins 1/2"x18"	2	1
Screw drvr std ins 1/4"x2"	1	1
Screw drvr std ins 1/8"x2"	2	1
Screwdriver std 1/4"x4"	1	1
Screwdriver std 3/16"x3"	1	1
Screwdriver std 3/8"x8"	1	1
Screwdriver std 5/16"x6"	1	1
Screwdriver phillips #1x3"	1	1
Screwdriver phillips #2x4"	2	1
Screwdriver phillips #2x6"	4	2
Screwdriver phillips #2x8"	1	1
Screwdriver phillips #4x8"	1	1
Screwdriver rp #4x8"	1	1
Cutter insulated 18"	1	1
Pliers channel lk 10"	1	1
Pliers channel lk 5"	1	1
Pliers channel lk 7"	1	1
Pliers channel lk ins	1	1
Pliers slip joint 8"	1	1
Pliers slip joint 9"	1	1
Pliers vise grip 5"	1	1
Pliers vise grip 6"	1	1
Pliers vise grip 8"	1	1
Bar pry 12"	1	1
Bar pry 24"	1	1
Hammer ball pien brass 24 oz	1	1
Hammer ball pien brass 32 oz	1	1
Heel foot	1	1

BASE FIRE DEPARTMENT
HAZMAT Emergency Response Truck
Equipment List (continued)

Magnet flex 25"	1	1
Mallet rawhide	1	1
Mallet rubber	1	1
Wrench bung brass	1	1
1/2" drv deep socket 1 1/16"	1	1
1/2" drv deep socket 1 1/8"	1	1
1/2" drv deep socket 11/16"	1	1
1/2" drv deep socket 13/16"	1	1
1/2" drv deep socket 15/16"	1	1
1/2" drv deep socket 1"	1	1
1/2" drv deep socket 1/2"	1	1
1/2" drv deep socket 3/4"	1	1
1/2" drv deep socket 5/8"	1	1
1/2" drv deep socket 7/8"	1	1
1/2" drv deep socket 9/16"	1	1
1/2" drv shallow socket 1 1/4"	1	1
1/2" drv shallow socket 1/2"	2	1
1/2" drv shallow socket 25/32"	1	1
1/2" drv shallow socket 3/8"	1	1
1/2" drv shallow socket 7/16"	1	1
3/8" drv deep socket 11/16"	1	1
3/8" drv deep socket 13/16"	1	1
3/8" drv deep socket 1/2"	1	1
3/8" drv deep socket 3/4"	1	1
3/8" drv deep socket 5/8"	1	1
3/8" drv deep socket 9/16"	1	1
3/8" drv shallow socket 11/16"	1	1
3/8" drv shallow socket 13/16"	1	1
3/8 drv shallow socket 1/2"	1	1
3/8" drv shallow socket 3/4"	1	1
3/8" drv shallow socket 3/8"	1	1
3/8" drv shallow socket 5/8"	1	1
3/8" drv shallow socket 7/16"	1	1
3/8" drv shallow socket 7/8"	1	1
3/8" drv shallow socket 9/16"	1	1
3/8" drv socket univ	1	1
3/8" drv socket univ 1/2"	1	1
3/8" drv socket univ 9/16"	1	1
Bar breaker 1/2" drv 10"	1	1
Bar breaker 3/8" drv	1	1
Extension 1/2" drv 10"	1	1
Extension 3/8" 11"	1	1
Extension 3/8" 6"	1	1
Joint universal 3/8" drv	1	1
Putty plugging lbs	5	3
Rachet 3/8" drv 8"	2	1
Rachet lug 3/8" drv	1	1
Speed hdl 3/8" drv	1	1
T handle sliding 1/2" drv	1	1

BASE FIRE DEPARTMENT
HAZMAT Emergency Response Truck
Equipment List (continued)

Shovel long handle	4	2
Shovel short handle	1	1
Chain 3/8" x 12'	2	1
Tool bag	2	1
Absorbent sock 3" x 20'	16	8
Drum OverPak	1	1
Sock Wind	1	1
Vehicle Entry John Deer	1	1
Shower portable	4	2
Radio base unit	1	1
Radio power supply	1	1
Suit Tyvac full encap	11	6
Suit Tyvac hood and boot	15	6
Mask 4.5	8	4
Glove Blk Mil Chem Lrg	9	4
Cove Silvorchell Lisp	0	1
Glove Vynal Exam	50	24
[illegible]	3	2
Suit Trellchom	2	1
Wet weather parka	20	12
Wet weather boot	15	12
Bag sand	100	75
Rope nylon 1" x 100'	1	1
Rope nylon 1/4" spool	1	1
Base wind sock	1	1
Comealong 2000 lb	2	1
Cutter bold	1	1
Hammer sledge 12 lb	1	1
Saw rip	1	1
Shovel non-sparking	2	1
Tool claw	1	1
Wrench hydrant	1	1
Pry bar	1	1
Wrench pipe 36"	1	1
Kit series D	1	1
Strap cargo	7	5
Plug rubber 1 1/4"	115	75
Plug rubber 2" - 3/4"	4	2
Plug rubber 4" - 2 3/4"	4	2
Plug rubber 3" - 1 3/4"	4	2
Chocks door	46	36
Donut barrier	6	3
Rope rescue	3	2
RS-10 extracator	1	1
Kit chlorine	1	1
Tool Ahax	1	1
Indicator wind speed	1	1
Kit weather	1	1

BASE FIRE DEPARTMENT
HAZMAT Emergency Response Truck
Equipment List (continued)

Safety can 5 gal	2	1
Safety can 3 gal	2	1
Plug line 10"	1	1
Bleach gal	1	1
Brush scrub	1	1
Funnel plastic	1	1
Soap packet powder	3	2
Sponge 2" x 4"	2	1
Pail blue 3 gal	2	1
Pail white 5 gal	7	5
Brush elephant	2	1
Pump hand	2	1
Cloth cheese (bolt)	3	1
Tape aluminum 2"	3	1
Tape duct 3"	3	1
Bag plastic zip lock 12" x 12"	85	50
Air hose 1/4" x 50'	6	3
Garden hose 50'	4	2
Garden hose nozzle	3	2
Garden hose bib 2 1/2"	1	1
Absorbant pillow	10	6
Drain blocker 36" x 36"	1	1
Drain blocker 48" x 48"	1	1
Poll pike	1	1
Tower wind speed	1	1
Suit Trellchem	12	8

APPENDIX J
COORDINATION AGREEMENTS

27th MEDICAL GROUP

CANNON AIR FORCE BASE, NEW MEXICO
29 JULY, 1993

AGREEMENT FOR MUTUAL SUPPORT DURING DISASTERS

(PLAINS REGIONAL MEDICAL CENTER-CLOVIS AND PLAINS REGIONAL MEDICAL CENTER-PORTALES)

THIS AGREEMENT is made and effective 29 July 1993 between Plains Regional Medical Center Clovis/ Portales, organized and existing under the laws of the State of New Mexico and the 27th Medical Group operating under the guidelines and regulations of the United States Air Force and the Department of Defense.

NOW, THEREFORE, IN CONSIDERATION of the mutual advantages occurring to the parties hereto, each facility hereby covenants and agrees with each other as follows:

ARTICLE I - AUTONOMY:

The Governing Body of the Plains Regional Medical Center Clovis/Portales shall continue to have exclusive control of the management, assets, and affairs of their respective facilities, and neither party by virtue of this agreement shall assume any liability for any debts or obligations which have been or which may be incurred by the other party to this agreement.

ARTICLE II - TRANSFER OF PATIENTS:

In the event of a major catastrophe or other events affecting major portions of the communities population which could result in the caring for large numbers of injuries, diseases or other infirmities which exceed the capacity of the aforementioned facilities, each hospital would make available to each other resources to include facilities, personnel, supplies and equipment, and transportation assets in order to reduce loss of life, limb or prevent undue suffering. This support will be subject to resources available, and in no way be allowed to degrade the existing healthcare program or circumvent the charter or directives of the parent organization. Support will be provided by all facilities without regard to race, color, creed or national origin. The requesting facility shall give notice to the other facilities as far in advance as possible of any potential or actual emergency situation.

ARTICLE III - ADVERTISING AND PUBLICITY:

Neither party shall use the name of the other party in any promotional or advertising material unless review and approval of the intended shall first be obtained from the party whose name is to be used. The requirements of the Privacy Act will be followed by each facility.

ARTICLE IV - NON-EXCLUSIVE CLAUSE:

Nothing in this agreement shall be construed as limiting the right of either party of affiliate or contract with any other hospital, on either a limited or general basis, while this agreement is in effect.

ARTICLE V - MODIFICATION:

This agreement may be modified, amended, or supplemented by agreement of both parties, but no such ratification, amendment, or supplement shall be binding on either party unless and until the same is attached hereto in writing and signed by authorized officials of each facility.

AGREED:

FACILITY: PLAINS REGIONAL MEDICAL CENTER-CLOVIS
CLOVIS, NEW MEXICO 88101

DATE: 7-30-93

GRANT H. NELSON, ADMINISTRATOR

FACILITY: PLAINS REGIONAL MEDICAL CENTER-PORTALES
PORTALES, NEW MEXICO 88130

DATE: 7-30-93

GRANT H. NELSON, ADMINISTRATOR

FACILITY: 27th MEDICAL GROUP
CANNON AIR FORCE BASE
CLOVIS, NEW MEXICO 88101

DATE: 31 Jul 93

WILLIAM L. BURNER III, COLONEL USAF
COMMANDER

New Mexico State Police Department
Lt. Allen Brockmeir
812 W. 6th Street
Clovis, NM 88101

24 March 1993

Dear Mr. Brockmeir

This letter is merely to establish an agreement for your support during real-world mobilizations and disasters.

In the event of a major catastrophe, real-world mobilization or other events which would necessitate the recall of military personnel assigned to the 27th Medical Group, the speaker/paging (load-speaker) system in your patrol vehicles (at the request of the 27th Medical Groups' commander or designate) will be used to announce the following message:

"All military individuals assigned to the 27th Medical Group are to IMMEDIATELY report to the Cannon AFB Hospital!"

The above message will be repeated once every two minutes, for no longer than ten minutes. The New Mexico State Police Department agrees to provide this support at no cost to the 27th Medical Group. It is also understood that this support will be subject to resources available at the time of the emergency.

Please contact Lt. Matthew W. O'Brien at (505)784-4925 for more information.

Sincerely,

WILLIAM L. BURNER III, Colonel, USAF, MC, FS
Commander

1st Ind, Mr. Allen Brockmeir

TO: 27th Medical Group/MG

I approve/disapprove the support agreement.

Mr. Allen Brockmeir
New Mexico State Police Department

TOTAL P.12

Clovis Police Department
Asst. Chief Joe Thomas
P.O. Box 862
Clovis, NM 88101

24 March 1993

Dear Mr. Thomas,

This letter is merely to establish an agreement for your support during real-world mobilizations and disasters.

In the event of a major catastrophe, real-world mobilization or other events which would necessitate the recall of military personnel assigned to the 27th Medical Group, the speaker/paging (load-speaker) system in your patrol vehicles (at the request of the 27th Medical Groups' commander or designate) will be used to announce the following message:

"All military individuals assigned to the 27th Medical Group are to IMMEDIATELY report to the Cannon AFB Hospital!"

The above message will be repeated once every two minutes, for no longer than ten minutes. The Clovis Police Department agrees to provide this support at no cost to the 27th Medical Group. It is also understood that this support will be subject to resources available at the time of the emergency.

Please contact Lt. Matthew W. O'Brien at (505)784-4925 for more information.

Sincerely,

William L. Burner III

WILLIAM L. BURNER III, Colonel, USAF, MC, FS
Commander

1st Ind, Mr. Joe Thomas

TO: 27th Medical Group/MG

I approve/disapprove the support agreement.

Joe Thomas

Mr. Joe Thomas
Assistant Chief, Clovis Police Department

W17

Portales Police Department
Chief Harold Byford
1700 N. Boston
Portales, NM 88130

24 March 1993

Dear Mr. Byford,

This letter is merely to establish an agreement for your support during real-world mobilizations and disasters.

In the event of a major catastrophe, real-world mobilization or other events which would necessitate the recall of military personnel assigned to the 27th Medical Group, the speaker/paging (load-speaker) system in your patrol vehicles (at the request of the 27th Medical Groups' commander or designate) will be used to announce the following message:

"All military individuals assigned to the 27th Medical Group are to IMMEDIATELY report to the Cannon AFB Hospital!"

The above message will be repeated once every two minutes, for no longer than ten minutes. The Portales Police Department agrees to provide this support at no cost to the 27th Medical Group. It is also understood that this support will be subject to resources available at the time of the emergency.

Please contact Lt. Matthew W. O'Brien at (505)784-4925 for more information.

Sincerely,

William L. Burner III

WILLIAM L. BURNER III, Colonel, USAF, MC, FS
Commander

1st Ind, Mr. Harold Byford

TO: 27th Medical Group/MG

I approve/~~disapprove~~ the support agreement.

Harold Byford

Mr. Harold Byford
Chief, Portales Police Department

DEPARTMENT OF THE AIR FORCE

HEADQUARTERS 27th FIGHTER WING (ACC)

CANNON AIR FORCE BASE, NEW MEXICO

01 AUG 1993

Chief Bill Morey
Clovis Fire Department
320 Mitchell
Clovis, NM 88101

Dear Chief Morey

This letter confirms our long-standing agreement for mutual support during disasters.

In the event of a major catastrophe or other event affecting major portions of the community's population that could result in the care for large numbers of injuries, diseases, or other infirmities which exceed the capacity of our organizations, each organization would make available to the other ambulance support to reduce loss of life, limb or prevent undue suffering.

This support will be subject to resources available, and in no way be allowed to degrade the existing ambulance service or circumvent the charge or directives of the parent organization. Support will be provided by all organizations without regard to race, color, creed or national origin. The requesting organization shall give notice to the other as far in advance as possible of any potential or actual emergency situation.

Please contact 1Lt Matthew W. O'Brien at (505)784-4925 or 4000 for more information.

Sincerely

Richard C. Niemtzow M.D.

RICHARD C. NIEMTZOW, Lt Col, USAF, MC
Commander

1st Ind, Chief Bill Morey

TO: 27th Medical Group/MG

I approve/disapprove the mutual support agreement. WB 27MG/CC

Bill Morey 10-6-93

Chief Bill Morey
Clovis Fire Department

DEPARTMENT OF THE AIR FORCE

HEADQUARTERS 27th FIGHTER WING (ACC)

CANNON AIR FORCE BASE, NEW MEXICO

Chief Johnny Johnson
Portales Fire Department
100 West First
Portales, NM 88101

01 AUG 1993

Dear Chief Johnson

This letter confirms our long-standing agreement for mutual support during disasters.

In the event of a major catastrophe or other event affecting major portions of the community's population that could result in the care for large numbers of injuries, diseases, or other infirmities which exceed the capacity of our organizations, each organization would make available to the other ambulance support to reduce loss of life, limb or prevent undue suffering.

This support will be subject to resources available, and in no way be allowed to degrade the existing ambulance service or circumvent the charge or directives of the parent organization. Support will be provided by all organizations without regard to race, color, creed or national origin. The requesting organization shall give notice to the other as far in advance as possible of any potential or actual emergency situation.

Please contact 1Lt Matthew W. O'Brien at (505)784-4925 or 4000 for more information.

Sincerely

RICHARD C. NIEMTZOW, Lt Col, USAF, MC
Commander

1st Ind, Chief Johnny Johnson

TO: 27th Medical Group/MG

I approve/disapprove the mutual support agreement.

Chief Johnny Johnson
Portales Fire Department

CANNON AIR FORCE BASE
POLLUTION INCIDENT REPORT

OSC's Name: _____ Date: _____

INCIDENT DESCRIPTION

Incident Report (circle one): initial second third final Time and Date of Incident: _____

Incident Address/Location: _____

Source/Cause of Incident and Type (fire, spill, explosion): _____

_____

Weather: _____

MATERIAL

Material Name: _____

Released Quantity (include units): _____ Reportable Quantity: Yes? No?

RESPONSE ACTION (Actions to correct, control, or mitigate incident; assistance required):

_____

_____

IMPACT *(i.e. actual/ potential hazards to human health and environment; include waterways)*

Description : _____

_____

Est'd completion date of remedial action and anticipated effectiveness: _____

Est'd quantity/disposition of spilled material and contaminated soil: _____

ADDITIONAL INFORMATION

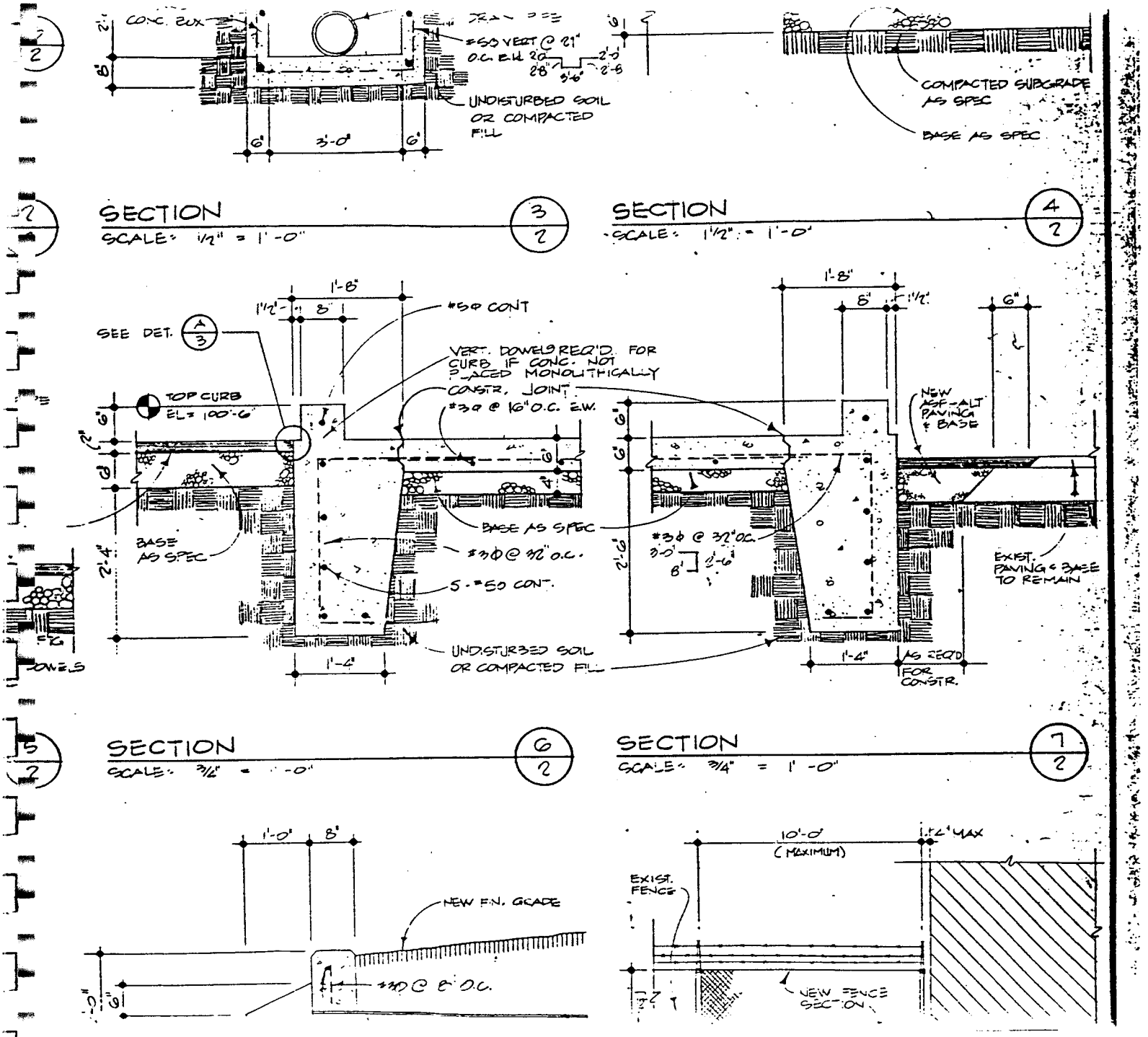
National Response Center Notified Yes? No? Time: _____

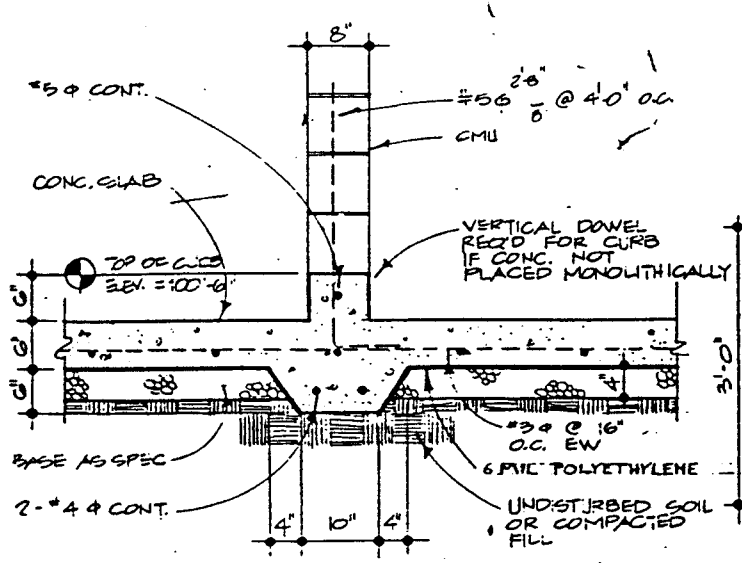
Problems encountered with implementation of Contingency Plan: _____

How Plan will be modified to prevent reoccurrance: _____

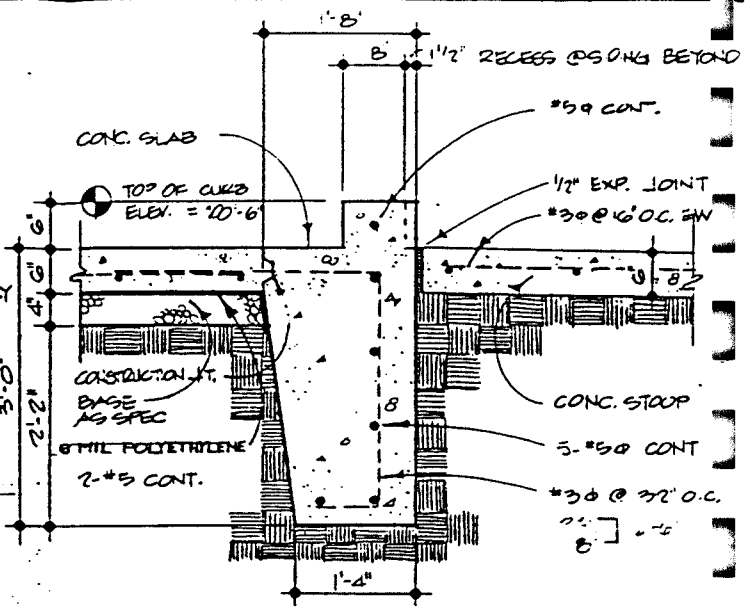
Media/Public reaction: _____

APPENDIX L
CONSTRUCTION DRAWINGS
OF
HAZARDOUS WASTE STORAGE FACILITY

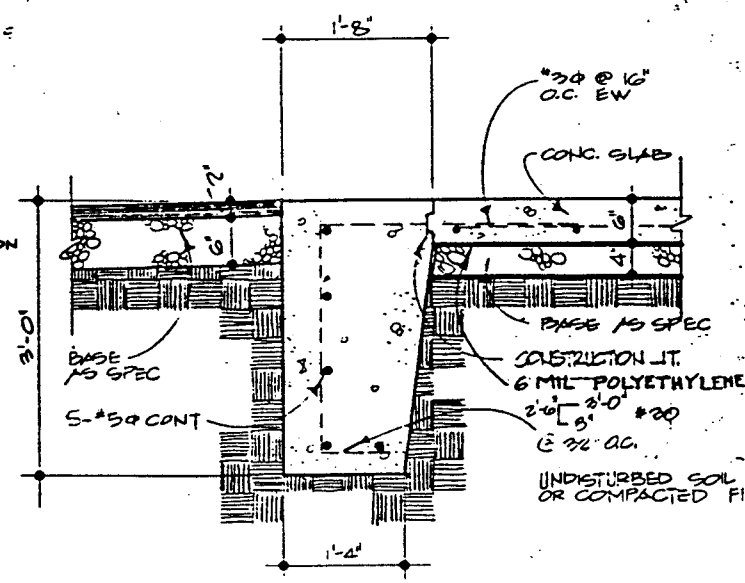




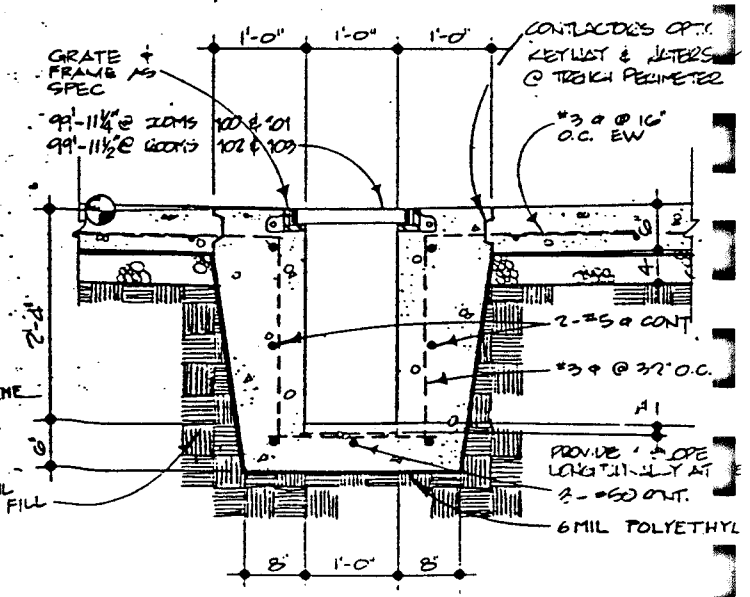
SECTION 2/3
SCALE: 3/4" = 1'-0"



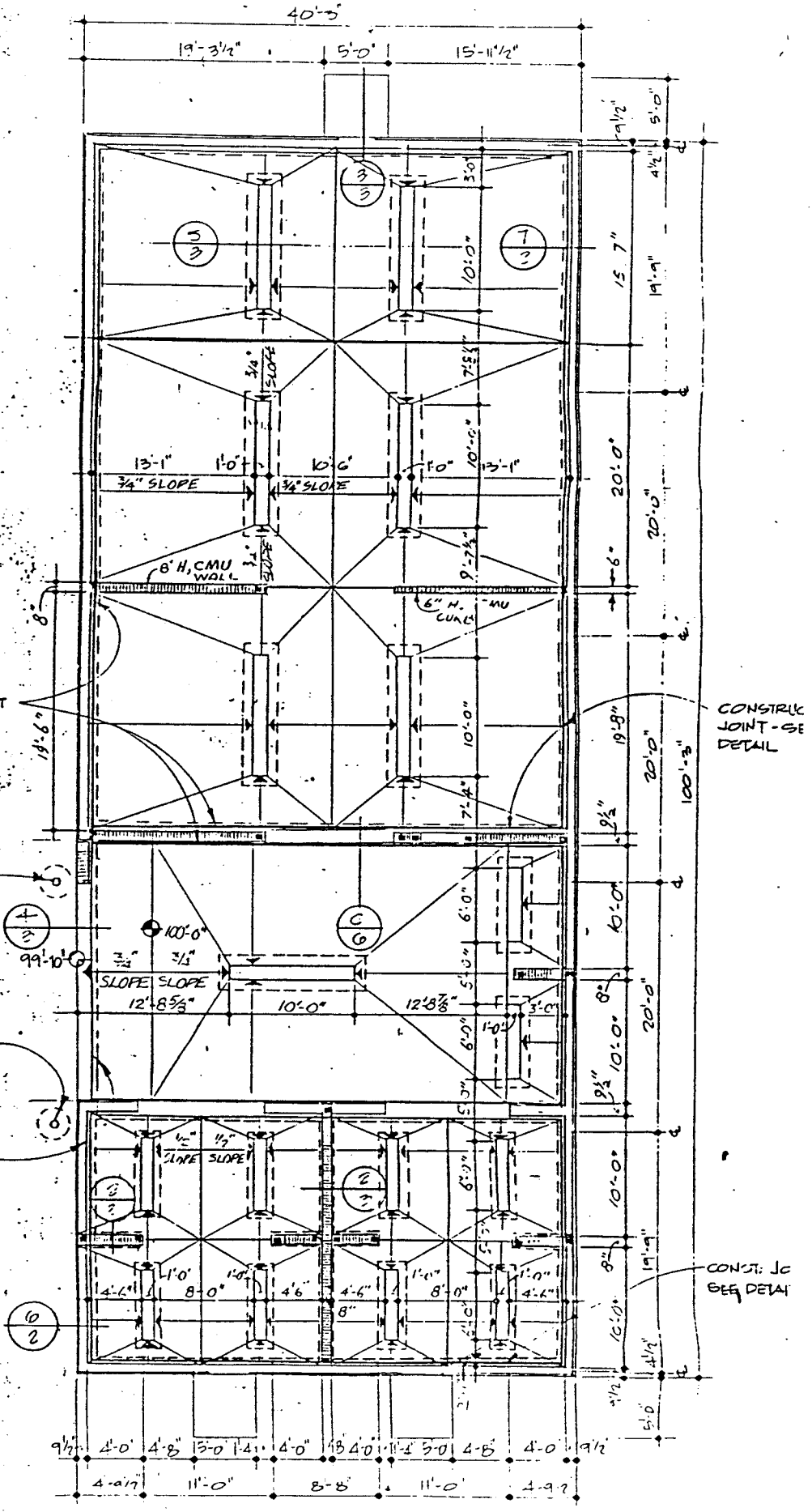
SECTION 3/3
SCALE: 3/4" = 1'-0"



SECTION 4/3



SECTION 5/3



FOUNDATION PLAN

SCALE: 1/8" = 1'-0"

CALLED NORTH