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FINAL WASTE STREAM CHARACTERIZATION REPORT MILLINGTON SUPPACT TN
6/16/1995
ENSAFE ALLEN AND HOSHALL

FINAL WASTESTREAM CHARACTERIZATION REPORT
NAS MEMPHIS
MILLINGTON, TENNESSEE

SOUTHNAVFACENGCOM
CONTRACT NUMBER:
N62467-89-D-0318
CTO-092

PREPARED FOR:

COMPREHENSIVE LONG-TERM
ENVIRONMENTAL ACTION NAVY (CLEAN)
NAVAL SUPPORT ACTIVITY
NAVAL AIR STATION MEMPHIS
MILLINGTON, TENNESSEE

PREPARED BY:

ENSAFE/ALLEN & HOSHALL
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(901) 386-9344

JUNE 16, 1995

RELEASE OF THIS DOCUMENT REQUIRES THE PRIOR NOTIFICATION OF THE COMMANDING OFFICER OF THE NAVAL AIR STATION MEMPHIS, MILLINGTON, TENNESSEE.

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19. Abstract

A hazardous waste analysis study was conducted for Naval Air Station (NAS) Memphis. The purpose of the study was to identify solid wastestreams and evaluate them to whether they are hazardous. If a determination could not be made, it was recommended that the wastestream be sampled and laboratory analyzed. The following summary and recommendations are based on the findings.

- Between January and April, 1995 site visits were conducted and reports reviewed. About 240 wastestreams were identified and documented.
- Each wastestream was reviewed using existing and historical data. Process knowledge and material usage was used in assessing if the wastestream could be adequately characterized.

In conclusion, about 66 wastestreams could not be adequately characterized and are recommended to be sampled and analyzed for various characteristics. The remaining wastestreams have been adequately characterized.

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1.0 INTRODUCTION

1.1 Purpose

The purpose of this report is to list wastestreams requiring chemical analyses for hazardous waste characterization. This effort is being made to update Naval Air Station (NAS) Memphis' hazardous waste profile. Southern Division, Naval Facilities Engineering Command (SOUTHNAVFACENGCOM) tasked EnSafe/Allen and Hoshall (E/A&H) under Contract N62467-89-D-0318, task order 0092, to conduct the first phase of a hazardous waste analysis at NAS Memphis in Millington, Tennessee, to determine if the waste is hazardous, to identify and classify it, and to determine the management options. Waste analysis involves identifying or verifying the chemical and physical characteristics of a waste by analyzing a representative sample or by applying known information to the waste. A waste analysis plan documents the procedures used to obtain information about the waste. Because NAS Memphis operates a Resource Conservation and Recovery Act-permitted hazardous waste container storage facility and generates hazardous waste, the base is required to have a waste analysis plan and to properly identify all hazardous waste under Title 40 Code of Federal Regulations (CFR) Part 260 through 280, and Tennessee Department of Environment and Conservation (TDEC) Rule 1200-1.

The Navy's Statement of Work dated August 16, 1994, identified specific generators to be included in the study. The project work included preparing a proposal on what wastestreams required analyses based on observing wastestream generation, technical knowledge, and wastestream process knowledge obtained from the *NAS Memphis Pollution Prevention Manual.* Current wastestream reports from the activity were to be obtained to help identify the wastestream constituents. This report details which wastestreams require sampling.

Before any sampling or laboratory testing occurs, a health and safety plan is to be submitted to the Navy for approval.

The Navy divided the work into two phases and then awarded Phase I. E/A&H conducted the Phase I waste analysis which involved: (1) searching files and reviewing records at NAS Memphis, (2) conducting site-specific surveys of generating activities for waste process information, (3) obtaining waste identification documentation (e.g., material safety data sheets [MSDS] and hazardous substance information system data sheets), (4) screening wastestreams and noting which ones cannot be completely identified based on user knowledge, (5) preparing a sampling and analysis plan for wastestreams at which user knowledge cannot be applied or the concentration from a process varies, and (6) preparing a health and safety plan for the proposed sampling and associated contaminants. This report presents the results of Phase I findings, along with a sampling and analysis plan.

Phase II, which will be negotiated and awarded upon acceptance of the Phase I work, will consist of sampling and analysis, evaluating hazardous wastestreams with respect to land-ban restrictions, assessing the applicability of TDEC hazardous waste codes, and compiling a comprehensive list of all processes generating, recycling, and disposing of hazardous wastes, along with their waste analysis profiles.

The goal of both phases is to satisfy the U.S Environmental Protection Agency (USEPA) and TDEC requirements for a hazardous waste analysis plan. The result will be a complete profile of hazardous wastestreams, a sampling and analysis plan, and a quality assurance/quality control (QA/QC) plan which NAS Memphis can implement to keep its hazardous waste lists current.

In all, 240 identified wastestreams have been listed in this report. This list, compiled by E/A&H from information gathered during the field surveys in January 1995, deviates from the table in the Navy's Statement of Work because some tenant commands either have departed or downsized due to base realignment and closure. The Navy's original wastestream list is included in Appendix A.

2.0 CHARACTERIZATION EFFORTS

2.1 File Search and Record Review

Before the site visit, information about materials, processes, wastes, frequencies of generation, and disposal were obtained from the following plans and records.

- Pollution Prevention Plan
- Part B Permit
- Hazardous Waste Management Plan
- Wastestream reports
- Waste profile sheets

Using the material, each generator was profiled for the site-specific survey team's use.

The Pollution Prevention Plan outlined many waste processes schematically. However, the plan did not provide the information needed to properly characterize each wastestream. Instead, it described responsibilities and procedures for reducing the amount of waste NAS Memphis generates.

The Part B Permit listed hazardous wastes that can be stored in the container storage area and outlined waste analysis procedures for properly identifying these wastes. Based on observations during the site visit, most generated wastes are stored before offsite shipment for disposal. However, the federal prison manifests its own hazardous waste.

The hazardous waste management plan listed the generators and wastes present at NAS Memphis at the time it was written, but it did not contain the data necessary to properly identify each wastestream as a hazardous waste. Rather, it described responsibilities and procedures which NAS Memphis and its tenants must implement to properly identify their wastes.

Wastestream reports, such as those submitted to the state and USEPA, listed only wastes which had been stored in the permitted hazardous waste storage area and/or ultimately disposed of offsite.

The waste profile sheets were the most useful records for properly characterizing each wastestream as hazardous. The waste profile sheet requires the tenant to either provide the MSDS or laboratory analysis to support the waste characterization. E/A&H found that not all wastes were registered, thus not all wastes were profiled. To register a wastestream, the generator must submit a completed DD form 1348-1 (disposal turn-in document) and the waste's MSDS to the Public Works Department, Environmental Division, Hazardous Waste Branch for processing. This department prepares a hazardous waste profile sheet (HWPS) and inspects the waste to ensure that it matches the HWPS, MSDS, and disposal turn-in document. Figure 1 is an example of a hazardous waste profile sheet.

2.2 Site-Specific Surveys

E/A&H conducted site-specific surveys during January 1995 with follow-up visits in February and March. During these surveys, information packets made from records were verified. Outdated data were either deleted or updated based on interviews and/or the process components and materials present. Some tenants appointed one individual to escort the survey team while others appointed different escorts at individual processes. Each generator was notified before the survey team's visit.

2.3 Identification Documentation

E/A&H developed forms to track data and wastestream characterization. The forms list the building number and describe the following:

- The work center activity which generates the waste
- The document reviewed

FIGURE 1

NASMFSIINST 5090.1B

HAZARDOUS WASTE PROFILE SHEET

PART I - GENERAL INFORMATION

GENERATOR NAME	BLDG NO.	GEN. EPA ID

TECHNICAL CONTACT	TITLE	PHONE

NAME OF WASTE	NSN	EPA WASTE CODE

GENERATING WASTE PROCESS	PROJ. VOL/UNITS	COLLECTION MODE

PART II - CHARACTERISTICS OF WASTE

COLOR	DENSITY	LAYERING
		☐ MULTI ☐ BI ☐ SINGLE

PHY STATE ☐ GAS ☐ SOLID ☐ SEMI-SOLID ☐ LIQUID ☐ OTHER _____

D001, FLASH POINT(F) _____ D002,PH _____

D003, REACTIVE _____ D004-D043 TOXICITY _____

COMPONENT	CONCENTRATION (%)	RANGE

DOT HAZ MAT'L YES NO	DOT SHIPPING NAME	HAZ CLASS	UN/NA NO.

CERCLA QTY	METHOD OF SHIPMENT	EMERG RES GUIDE (ED)	PAGE NO.

SPECIAL HANDLING INFORMATION

☐ CHEMICAL ANALYSIS (Attach Lab Results)

☐ USER KNOWLEDGE (Attach Supporting Documents)

I hereby certify that all information submitted is an accurate representation of the waste listed.

GENERATOR'S PRINTED NAME	GENERATOR'S SIGNATURE	DATE

NASMFS 5090/16 (6-93) (Instructions on back)

- The storage location and container type used to manage the waste
- Preliminary waste code determination

Figure 2 is an example of the form, which was completed with information obtained during the file/document review and field surveys. A completed form for each wastestream identified during the document review and field survey is included as Appendix B.

2.4 Screening and Identifying Wastestream Characteristics

E/A&H screened and identified each wastestream using the data collected as described above. First each wastestream was screened to see if it could be defined as a nonregulated solid waste, a possible hazardous waste, a special waste, or used oil in accordance with state and USEPA regulatory definitions. Second, the wastestreams were categorized into five groups — I, II, III, IV, or V — depending on the amount of process and material user knowledge available. Third, all documented data were assessed to determine whether there was enough proof to properly characterize the wastestream or whether further sampling and laboratory analysis were needed.

2.4.1 Regulatory Definitions

Each wastestream was preliminarily defined as solid waste, hazardous waste, possibly hazardous, a special waste, or used oil. This information was entered on each wastestream documentation form. Regulatory definitions, from several references, used during this study are listed below.

Solid waste refers to any garbage or refuse, including recyclable materials when they become discarded, or sludge from a waste treatment plant, water supply treatment plant, or air pollution control facility. It also refers to any other discarded materials, including solid, liquid, semisolid, or contained gaseous material resulting from industrial, commercial, and agricultural operations and community activities. It includes the following:

FIGURE 2

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: _____ Work Center Contact: _____

Building Number: _____ Work Center Phone: _____

Work Center Activity Description:

Wastestream as Identified in the Scope of Work and Use:

TDEC Code:

Documents Reviewed[1]: ____ PPP/HW Minimization Plan ____ HMIS

____ Part B Permit ____ HW Management Plan ____ MSDS

____ 1991, ____ 1992, ____ 1993 Wastestream Report ____ 1991, ____ 1992, ____ 1993 Waste Profile Sheet

Process ID Number:

Storage Location Description:

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

Preliminary Waste Code Determination[2] (40 CFR 261):

____ Solid Waste ____ Exempt ____ Listed ____ Characteristic

____ Physical Characteristic (Solid or Liquid) ____ Special Waste

Recommended Analysis or Handling Practices:

General Comments:

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

- Solid or dissolved materials in domestic sewage

- Solid or dissolved materials in irrigation return flows or industrial discharges which are point sources subject to permits under Section 402 of the Federal Water Pollution Control Act (compiled at 33 U.S. Code [USC] 1342) as amended

- Source, special nuclear, or by-product material as defined by the Atomic Energy Act of 1954, as amended (compiled at 42 USC 2011 et seq). Hazardous waste means: (1) any material listed as a hazardous waste in Title 40 CFR Part 261 Subpart D, or (2) any material that possesses any of the hazard characteristics of corrosivity, ignitability, reactivity, or toxicity as defined in 40 CFR 261, Subpart C, or (3) a material that is contaminated by or mixed with any of the previously mentioned materials.

Hazardous waste means: (1) any material listed as a hazardous waste in 40 CFR 261, Subpart D, (2) any material that possesses any of the hazard characteristics of corrosivity, ignitability, reactivity, or toxicity as defined in 40 CFR 261, Subpart C, or (3) a material that is contaminated by or mixed with any of the materials noted above.

Special wastes include sludges, bulky wastes, pesticide wastes, medical wastes, industrial wastes, hazardous wastes not subject to regulations under TDEC rules 1200-1-11-.03 through 1200-1-11-.07, liquid wastes, friable asbestos wastes, combustion wastes, and other solid wastes that are either difficult or dangerous to manage and require extraordinary management. However, discarded automotive tires and dead animals are not categorized as a special waste.

Used oil means any oil that has been refined from crude oil or any synthetic oil that has been used and, as a result, has been contaminated by physical or chemical impurities (40 CFR 279).

Exempt includes discharges that are permitted or household solid waste.

2.4.2 Group Definitions

NAS Memphis has an established Pollution Prevention Plan which consists of process flow diagrams. Waste or by-products are listed on the diagrams. The Pollution Prevention Plan's purpose is to minimize the amount of hazardous waste generated.

Based on the reviewed processes for the work centers, each wastestream was grouped into one of five categories based on the data collected, the generator's knowledge, and E/A&H's knowledge of the process, materials used, and process by-products. Each grouping is defined below. Table 1 lists each generator, its wastestream, assigned group number, and process identification number.

Group I wastes are unused hazardous materials that are usually in their original containers or spent hazardous wastes that are self-contained during use, such as batteries, or hazardous materials with no resale value. An example of a Group I waste is a hazardous material with an expired shelf life from the Memphis reuse store. The identification is obtained from the container label and, if applicable, the national stock number and hazardous material information system, or MSDS. Materials exhibiting a hazardous waste characteristic or containing a listed hazardous waste are managed as hazardous waste.

Group II wastes are routine hazardous wastestreams that require annual verification through laboratory analysis or MSDS. Group II wastestreams were identified during the E/A&H site visit or from registration records in the Public Works Department, Environmental Division, Hazardous Waste Branch. Process and material knowledge for these wastestreams was obtained during document review or site interviews.

Group III wastes are hazardous wastes generated in nonroutine wastestreams. Examples are spill residues. Group III wastestreams were identified during the site visits.

Table 1
Wastestream Grouping

Generator Name	Building Number	Waste Description	Group Number	Process ID Number[a]
AIMD: Paint Shop (51B)	N-12	Rags w/Stripper	II	AIMD51B-01
		Rags w/Paint	IV	AIMD51B-01
		Rinse Water/Stripper	II	AIMD51B-01
		Spent Glass Beads	II	AIMD51B-01
		Waste Paint/Thinner	II	AIMD51B-01
		Empty Aerosol Cans	IV	AIMD51B-01
		Air Filters	II	AIMD51B-01
		Empty Paint Cans	IV	AIMD51B-01
Avionics (600)	N-126	Rags w/Flux, Lubricants, Alcohol, and Grease	IV	AIMD600-01
Support Equipment (900)	N-112	Rags w/Solvent	II	AIMD900-01
		Empty Metal/Plastic Containers	IV	AIMD900-01
		Rags w/Oil and Grease	IV	AIMD900-01
		Used Oil	II	AIMD900-01
		Fuel (JP-5)	II	AIMD900-01
		Waste Absorbent	II	AIMD900-01
		Waste Antifreeze	IV	AIMD900-01
		Hydraulic Fluid	II	AIMD900-01
		Solvent (Safety-Kleen)	II	AIMD900-01
		Used Oil Filters	IV	AIMD900-01
		Waste Turbine Shaft Oil	II	AIMD900-01
SECURITY: Armory	S-159	Rags w/Oil	IV	AOARMORY-01
		Cotton Swabs and Patches w/VVL-800	IV	AOARMORY-01
		Empty VVL-800 Container	IV	AOARMORY-01

Table 1
Wastestream Grouping

Generator Name	Building Number	Waste Description	Group Number	Process ID Number*
AIROPS: OE02-Comm	N-106	Paper Towels w/Alcohol Empty Aerosol Cans Empty Product Cans Rags w/Alcohol	IV IV IV IV	AOOEO2-01 AOOEO2-01 AOOEO2-01 AOOEO2-01
OE05-Radar	N-106	Empty Aerosol Cans Empty Product Cans Rags w/Alcohol Paper Towels w/Alcohol	IV IV IV IV	AOOEO5-01 AOOEO5-01 AOOEO5-01 AOOEO5-01
T-Line	N-4	JP-5 Transmission Fluid Rags w/Oil, Solvent, and Grease Rags/Brushes w/Gaco Rags/Brushes w/Gri-kote Waste Engine Oil Waste PD-680 Solvent	II II IV II II II II	AOTLINE-01 AOTLINE-01 AOTLINE-01 AOTLINE-01 AOTLINE-01 AOTLINE-01 AOTLINE-01
CBU 404: "C" Company: Projects	450	Empty Adhesive Containers	IV	CBUBEQ-01
Bravo Company: Carpentry	S-765	Empty Aerosol Cans Asbestos	IV V	CBUCARP-01 Not discussed
Self-Help	S-231	Empty Latex Paint Cans	IV	Not discussed

Table 1
Wastestream Grouping

Generator Name	Building Number	Waste Description	Group Number	Process ID Number[a]
Alpha Company: Mechanics	S-779	Used Oil	II	CBUMECH-01
		Used Transmission Fluid	II	CBUMECH-01
		Used Antifreeze	IV	CBUMECH-01
		Rags w/Oil	IV	CBUMECH-01
		Used Oil Filters	IV	CBUMECH-01
		Empty Metal Containers	IV	CBUMECH-01
		Waste Absorbent	II	CBUMECH-01
		Empty Alcohol Cans	IV	CBUMECH-01
		Grease Tubes	IV	CBUMECH-01
		Paint Cans	IV	CBUMECH-02
		Thinner	II	CBUMECH-02
Dental	S-771	Empty Aerosol Cans	IV	DENTAL-01
		Dental Amalgam	II	DENTAL-01
		Ticonium/Rexillium Buttons	IV	Not discussed
		Empty Containers	IV	DENTAL-01
		Fixer and Developer	III	Not discussed
		Lead Tab	IV	Not discussed
Naval Hospital: Lab	H-100	Xylene	I	Not discussed
		10% Formaldehyde	I	NHLAB-01
		Empty Calibration Gas Canisters	IV	Not discussed
		Empty Surgipath Frostbite Aerosol Cans	IV	NHLAB-01
		Empty Plastic Containers	IV	Not discussed
		Hematoxylin	IV	Not discussed

Table 1
Wastestream Grouping

Generator Name	Building Number	Waste Description	Group Number	Process ID Number[a]
Dental	H-100	Silver/Mercury Mixture	II	Not discussed
Pharmacy	H-100	Outdated/Deteriorated Drugs	I	Not discussed
Federal Prison: Maintenance Equipment	1410	Used Mineral Spirits Rags w/Thinner Used Oil Empty Plastic/Metal Containers Used Antifreeze	II IV II IV IV	PRISON-01 PRISON-01 and 02 PRISON-02 PRISON-02 and 03 PRISON-02
MWR: Arts/Crafts Hobby Shop	S-797	Empty Aerosol Cans	IV	MWRHOBBY-01
Graphics	S-797	Used Ink w/Knox-out Empty Containers (emulsion, glue, etc.) Cotton Pads w/Ink and Solvent Cleaner (TCE)	II IV II II	MWRGRAPH-01 MWRGRAPH-01, 02, 03, 04, and 05 MWRGRAPH-01 and 03 MWRGRAPH-03

Table 1
Wastestream Grouping

Generator Name	Building Number	Waste Description	Group Number	Process ID Number*
Auto Hobby Shop	N-397	Spray Booth Filters	II	MWRHOBBY-01
		Empty Aerosol Cans	IV	MWRHOBBY-01 and 02
		Used Antifreeze	IV	MWRHOBBY-02
		Solvents	II	MWRHOBBY-02
		Used Hydraulic Fluid	II	MWRHOBBY-02
		Used Oil Filters	IV	MWRHOBBY-02
		Used Oil	II	MWRHOBBY-02
		Rags w/Oil, Paint, and Thinner	IV	MWRHOBBY-02
		Speedy Dry	II	MWRHOBBY-01 and 02
		Car Wash Sludge	III	Not discussed
		Soda/Lye Water Mixture	III	MWRHOBBY-02
		Waste Soap and Water	IV	Not discussed
		Waste Freon	I	MWRHOBBY-02
		Empty Gas Canisters	IV	MWRHOBBY-02
		Waste Paint/Thinner	II	MWRHOBBY-01
		Sludge	III	MWRHOBBY-02
Support Group	N-26	Empty Freon Bottles	IV	MWRREES-01
		Empty Aerosol Cans	IV	MWRREES-02 and 03
		Empty Plastic/Metal Containers	IV	MWRREES-02 and 03
		Joint Compound	IV	MWRREES-03
		Waste Paint	II	MWRREES-02
		Rags w/Oil and Leak Check	IV	MWRREES-01 and 03
		Rags w/Cleaner and Thinner	IV	MWRREES-02
		Waste Oil	II	MWRREES-01

Table 1
Wastestream Grouping

Generator Name	Building Number	Waste Description	Group Number	Process ID Number[a]
Golf Course	N-26A	Waste Batteries	I	Not discussed
		Empty Containers	IV	Not discussed
		Paper Towels w/Oil and Grease	IV	Not discussed
		Waste Oil	II	Not discussed
Vehicle Maintenance	1211	Used Oil	II	MWRVM-01
		Used Batteries	I	MWRVM-01
		Used Antifreeze	IV	MWRVM-01
		Used Solvents	II	MWRVM-01
		Empty Aerosol Cans	IV	MWRVM-01
		Empty Gas Cylinder	I	MWRVM-01
		Used Hydraulic Fluid	II	MWRVM-01
		Rags w/Grease and Oil	IV	MWRVM-01
		Used Tires	IV	MWRVM-01
		Spent Absorbent	II	MWRVM-01
		Metal Shavings and Cuttings w/Oil	III	Not discussed
		Empty Oil and Grease Containers	IV	MWRVM-01
		Scrap Metal	IV	Not discussed
		Used Oil Filters	IV	MWRVM-01
		Wastewater/Sludge	II	MWRVM-01

Table 1
Wastestream Grouping

Generator Name	Building Number	Waste Description	Group Number	Process ID Number[a]
DYNCORP: Boiler Shop	H-100	Empty Plastic/Metal Containers	IV	DYNBOIL-01
		Used Freon	I	DYNBOIL-02
		Used Oil	II	DYNBOIL-02
		Rags w/Oil and Grease	IV	DYNBOIL-02
		Used Air Filters	II	DYNBOIL-02
		Ballasts	V	Not discussed
		Batteries	I	Not discussed
		Fluorescent Lights	V	Not discussed
Electric & Carpentry	S-77	Empty Paint Cans	IV	DYNPAINT-01
		Freon	I	DYNELEC-01
		Used Batteries	I	DYNELEC-01
		Waste Ballasts	V	Not discussed
		Fluorescent Lights	V	Not discussed
		Oil w/Freon	II	Not discussed
		Rags w/Staining	IV	DYNPAINT-02
Paint	S-183	Empty Paint Cans	IV	DYNPAINT-01
Pest Control	S-1669	Empty Plastic Containers	IV	DYNPEST-01 and 02
		Empty Aerosol Cans	IV	DYNPEST-01
		Empty Paper Bags	IV	DYNPEST-02
		Empty Plastic Drums	IV	DYNPEST-01 and 02

Table 1
Wastestream Grouping

Generator Name	Building Number	Waste Description	Group Number	Process ID Number[a]
Transportation	S-9	Empty Aerosol Cans	IV	DYNTRANS-01
		Rags w/Paint, Oil, and Grease	IV	DYNTRANS-01
		Used Oil	II	DYNTRANS-01
		Used Antifreeze	IV	DYNTRANS-01
		Used Batteries	I	DYNTRANS-01
		Waste Absorbent	II	DYNTRANS-01
		Solvent Filters	II	DYNTRANS-01
		Rags w/Solvent	IV	DYNTRANS-01
		Used Tires	IV	Not discussed
		Grease Tubes	II	DYNTRANS-01
		Used Oil Filters	IV	DYNTRANS-01
Water Treatment	S-772	Empty Plastic Containers	IV	DYNWTP-01, 02, and 03
		Waste Rinsate w/Various Chemicals	II	DYNWTP-01
Steam	S-75	Waste Absorbent	II	Not discussed
		Empty Bags	IV	Not discussed
		Empty Metal Drums	IV	Not discussed
		Ashes	II	Not discussed
Locksmith/Air Filter Shop	S-235	Asbestos Roofing Materials	V	Not discussed
		Empty Freon Containers	V	Not discussed
Reuse Store	S-203	Expired/Unusable Products	I	Not discussed
OWS Drum Storage Area	Near S-75	Oil/water	II	DYNBOIL-03

Table 1
Wastestream Grouping

Generator Name	Building Number	Waste Description	Group Number	Process ID Number[a]
NATTC: Mechanical Training Dept AMH-A1	S-785	Waste PD-680 Type II w/Hydraulic Fluid	II	NATTCAMH-01
AS-A1	S-787	Rags w/Gasoline	II	NATTCASA-01
		Rags w/Engine Oil, Grease, and Hydraulic Fluid	IV	NATTCASA-01
		Used Freon	I	NATTCASA-01
Equipment Maintenance (MEMD)	S-394	Empty Metal/Plastic Containers	IV	NATTCEM-01 and 02
		Rags w/Oil, Hydraulic Fluid, Lubricants, Grease, Sealants, Corrosion Prev Compound, and Solvent (PD-680)	II	NATTCEM-01 and 02
		Empty Aerosol Cans	IV	NATTCEM-01 and 02
		Waste Absorbent	II	NATTCEM-01 and 02
		Used Batteries	I	NATTCEM-02
		Metal Shavings w/Petroleum	IV	Not discussed
		Tires	IV	Not discussed
		Hydraulic Fluid	II	NATTCEM-01 and 02
		Used Oil	II	NATTCEM-01 and 02
		Solvent (Safety-Kleen)	II	NATTCEM-02
		Used Oil Filters	IV	NATTCEM-01 and 02
EAF	Near N-1734	Waste Oil	II	Not discussed
		Rags w/Oil and Grease	IV	Not discussed
		Dry Sweep	II	Not discussed
		Batteries	I	Not discussed
		Gaco	II	Not discussed

Table 1
Wastestream Grouping

Generator Name	Building Number	Waste Description	Group Number	Process ID Number[a]
FSB	S-54, Wing 2	Rags w/Electrostatic Solution and Deglazing Solvent	IV	Not discussed
JOAP	S-241	Methanol Rags w/Oil	II IV	Not discussed Not discussed
AMS	S-784	Water w/Alodine Waste Paint and Solvent	II II	NATTCAMS-01 NATTCAMS-01
NDI	S-784	Rinse Water w/Penetrants Rinse Water w/Emulsifier Rags w/Penetrant Empty Metal Cans Rinse Water w/ Developer Silver Recovery	IV IV IV IV IV II	NATTCNDI-01 NATTCNDI-01 NATTCNDI-02 NATTCNDI-02 NATTCNDI-01 and 04 NATTCNDI-04
NAMTRAGRU: Photo Lab	S-54	Developers Silver Recovery Filters	IV II	NTGPHOTO-01 NTGPHOTO-01
Paint Shop	S-360	Rags w/Paint & Engine Oil Empty Metal Paint Cans Empty Aerosol Cans Used Oil Paint Filter Cleaning Chemicals Rinsate	IV IV IV II II II II	NTGPME-01 and 02 NTGPME-01 and 02 NTGPME-01 and 02 NTGPME-02 NTGPME-01 NTGPME-01 and 02 NTGPME-01 and 02

Table 1
Wastestream Grouping

Generator Name	Building Number	Waste Description	Group Number	Process ID Number[a]
Machine Shop	S-223	Solvent	II	NTGPME-01
		Spent Glass Beads	II	NTGPME-02
		Rags w/Cutting/Cooling Fluid	IV	NTGPME-02 and 03
		Spent Cutting/Cooling Lube Oils	II	NTGPME-03
		Scrap Metal	IV	NTGPME-03
Engine Shop	S-223	Motor Oil	II	NTGPME-02
		Rags w/Motor/Lube Oil	IV	NTGPME-02
NAVRESREDCOM 9:	E-34	Empty Aerosol Cans	IV	RESRED-01
Supply		Fluorescent Lights	V	Not discussed
		Cloth Printer Ribbons	IV	Not discussed
		Toner Pack	IV	Not discussed
VR-60:	N-126	Empty Aerosol Cans	IV	VR60120-01, VR60200-01, and VR60310-01
Power Plants				
Airframes/Corrosion Control		Deicing Fluid	I	Not discussed
Survival Equipment		Rinsate	II	VR60310-01
Avionics/Electrical Line		Speedy Dry w/Oil and Hydraulic Fluid	II	VR6013A-01, VR60120-01, and VR60110-01

Table 1
Wastestream Grouping

Generator Name	Building Number	Waste Description	Group Number	Process ID Number*
BEECH AIRCRAFT	N-798	Waste Absorbent	II	Not discussed
		Empty Aerosol Paint Cans	IV	Not discussed
		NiCad Batteries	I	Not discussed
		Paper Fuel Filters	IV	Not discussed
		Waste Fuel (JP-5)	II	Not discussed
		Paint Related Waste	II	Not discussed
		Rags w/Turbo Oil and Fuel	IV	Not discussed
		Waste Turbo Oil	II	Not discussed
BRIG	N-796	Empty Aerosol Cans	IV	Not discussed
		Empty Plastic Container	IV	Not discussed
		Fluorescent Lights	V	Not discussed
		Used Oil	II	Not discussed
NEX:	S-341	Used Oil	II	Not discussed
Service Station		Rags w/Oil, Grease, and Safety-Kleen Solvent	IV	Not discussed
		Used Oil Filters	IV	Not discussed
		Waste Speedy Dry	II	Not discussed
		Waste Antifreeze	IV	Not discussed
		Waste Freon	I	Not discussed
		Lead Acid Battery	I	Not discussed
		Used Tires	IV	Not discussed
		Empty Aerosol Cans	IV	Not discussed
		Empty Metal/Plastic Containers	IV	Not discussed

Note:
* = Information obtained from NAS Memphis Pollution Prevention Plan

ACRONYM LIST FOR TABLE 1

AIMD	Aircraft Intermediate Maintenance Department
AIROPS	Air Operations
AMH-A1	Aviation Mechanic Hydraulics Class A School
AMS	Aviation Structure Mechanic
AS-A1	Aviation Support Equipment Class A School
CBU 404	Construction Battalion Unit 404
EAF	Expenditiary Air Field
FSB	Facility Support Branch
JOAP	Joint Oil Analysis Program
MEK	Methyl Ethyl Ketone
MEMD	Mechanical Equipment Maintenance Department
MWR	Morale, Welfare and Recreation
NAMTRAGRU	Naval Air Maintenance Training Group
NATTC	Naval Aviation Technical Training Center
NAVRESREDCOM9	Naval Reserve Readiness Command Region 9
NDI	Non-destructive Inspection
NEX	Navy Exchange
OE02-Comm	Operation Electronics Communication
OE05-Radar	Operation Electronics Radar
OWS	Oil/water Separator
TCE	Trichloroethylene
T-Line	Transient Line
VR-60	Fleet Logistics Support Squadron

Group IV wastes are nonregulated wastes generated routinely. These wastes also include spent wastes which are returned to the manufacturer (i.e., ticonium/rexillium buttons and lead tabs from dental and toner packs). These wastestreams were identified during the E/A&H site visit or from registration records in the Public Works Department, Environmental Division, Hazardous Waste Branch. Process and material knowledge for these wastestreams was obtained during document review or recorded during site interviews.

Group V wastes are special wastes generated routinely. These wastestreams require analysis before being designated a special waste. Group V wastestreams were identified during site visits.

2.4.3 Wastestream Assessment

E/A&H personnel were not able to define all hazardous constituents for some of the wastestreams using the information collected or process knowledge. In assessing the data gathered, applying acceptable knowledge was considered first. A broad definition of acceptable knowledge was applied. This definition included "process knowledge," whereby detailed information on the wastes was obtained from published or documented waste analysis data or studies conducted on hazardous wastes from processes similar to those generating the wastes. Additionally, any wastestream which contained a USEPA-listed (F-, P-, and U-listed) hazardous waste was considered to always be a hazardous waste based on USEPA mixture rules. Even with this broad definition, a number of NAS Memphis wastestream toxic characteristics could not be assessed. Characteristics such as flash points and toxicity characteristic leachate procedure (TCLP) for metals and volatiles could not be quantified. The hazardous characteristics of wastestreams such as mixed paints and thinners, waste oils, fuels, and hydraulic fluids cannot be quantified without laboratory analysis. Wastestreams from nonroutine processes or process with changing materials could not be properly characterized either. For these wastestreams, sampling and laboratory analysis are recommended. Table 2 summarizes E/A&H's assessment of like wastestreams.

Table 2 Wastestream Characterization Determination	
Group Number	**Waste Description**
I	Xylene
	10% Formaldehyde
	Outdated/Deteriorated Drugs
	Waste Freon
	Waste Batteries
	Expired/Unusable Products
	Deicing Fluid
II	Rags w/Stripper
	Rinse Water/Stripper
	Spent Glass Beads
	Waste Paint/Waste Paint-Related Waste
	Air Filters/Spray Booth Filters
	Used Oil
	Waste Turbo Shaft Oil
	Fuel (JP-5)
	Waste Absorbent
	Waste Hydraulic Fluid
	Solvent (Safety-Kleen)
	Rags/Brushes w/Gaco
	Rags/Brushes w/Gri-kote
	Oil Contaminated w/Freon
	Gasoline-Soaked rags
	Waste PD-680 Solvent
	Used Ink w/Knoxout
	Methanol
	Wastewater/Sludge

Table 2 Wastestream Characterization Determination	
Group Number	**Waste Description**
II	Silver/Mercury Mixture
	Silver Recovery and Filters
	Cleaning Chemicals
	Ashes
	Oil/Water (from oil/water separator)
	Dental Amalgam
	Waste Thinner
	Rags w/Solvent
	Rinse Water w/Chemicals
	Water w/Alodine
	Solvent (Zep) Filters
	Waste Gaco
	1,1,1-Trichloroethane
	Cotton Pads with Ink or Solvent
	Used Mineral Spirits
III	Car Wash Sludge
	Soda/Lye Water Mixture
	Sludge (from lye bath)
	Metal Shavings and Cuttings
	Fixer and Developer
IV	Empty Aerosol Cans
	Empty Paint Cans
	Air Filters
	Rags w/Flux, Lubricants, Alcohol, and Grease
	Empty Metal/Plastic Containers
	Rags w/Oil and Grease

Table 2 Wastestream Characterization Determination	
Group Number	**Waste Description**
IV	Waste Antifreeze
	Used Oil Filters
	Cotton Swabs and Patches w/Oil
	Paper Towels with Alcohol
	Rags with Alcohol
	Rags with Thinner
	Grease Tubes
	Ticonium/Rexillium Buttons
	Lead Tab
	Waste Soap and Water
	Joint Compound
	Paper Towels with Oil and Grease
	Used Tires
	Scrap Metal
	Empty Drums
	Empty Bags
	Rinse Water (with penetrants, emulsifier, or developer)
	Cloth Printer Ribbons
	Toner Pack
	Paper Fuel Filters
	Empty Calibration Gas Canister
	Hematoxylin
	Empty Gas Canister
V	Asbestos
	Ballasts
	Fluorescent Lights

User knowledge is shown for wastestreams with enough data available to properly characterize them. Recommended testing parameters are provided for wastestreams that cannot be properly characterized without laboratory analysis.

3.0 SAMPLING AND ANALYSIS

This sampling and analysis plan applies to wastestreams with unknown characteristics. Laboratory analysis will not be performed on Groups I and IV wastes. Sampling and analysis for the parameters listed in Table 3 will be performed on the wastestreams according to USEPA Solid Waste Method 846 or appropriate methods. Discrete or composite samples will only be taken at the point of generation. Composite samples for different work centers will not be taken. Two E/A&H employees will spend approximately one week sampling the selected wastestreams. The E/A&H tasks to be completed under the sampling phase of this project include:

- Coordinating and obtaining sampling containers and ancillary documentation (i.e., sample labels, seal labels, and chain-of-custody forms) from the selected laboratory.

- Obtaining the appropriate sampling equipment (i.e., composite liquid waste sampler [Coliwasa], sludge-judge, dedicated plastic spoons, auger, resealable bags, etc).

- Coordinating sample shipment to the selected laboratory and ensuring samples are preserved according to SW-846.

- Providing data validation and deduction.

- Submitting a report which interprets the analytical results.

E/A&H will coordinate with the SOUTHNAVFACENGCOM Engineer in Charge and the NAS Memphis Environmental Protection Specialist before sampling activities begin.

Table 3
Wastestream Analysis

Generator Name	Building Number	Waste Description	Process Identification Number[a]	Test Method	Analytes
AIMD: Paint Shop (51B)	N-12	Rinse Water/Stripper	AIMD51B-01	1010, 8240	flash point, volatiles (tetrachloroethylene, methylene chloride, trichloroethylene, 1,1,1-trichloroethane, chlorobenzene, 1,1,2-trichloro-1,2,2-trifluoroethane, trichlorofluoromethane, 1,1,2-trichloroethane, xylene, acetone, ethyl acetate, methyl isobutyl ketone, n-butyl alcohol, methanol, toluene, and methyl ethyl ketone)
		Spent Glass Beads	AIMD51B-01	1311, 6010	TCLP metals (barium, cadmium, chromium, lead)
		Waste Paint/Thinner	AIMD51B-01	1010, 6010, 8240, 1311, Karl Fischer Moisture	flash point, TCLP metals (barium, cadmium, chromium, lead, mercury) volatiles (tetrachloroethylene, methylene chloride, trichloroethylene, 1,1,1-trichloroethane, chlorobenzene, 1,1,2-trichloro-1,2,2-trifluoroethane, trichlorofluoromethane, 1,1,2-trichloroethane, xylene, acetone, ethyl acetate, methyl isobutyl ketone, n-butyl alcohol, methanol, toluene, and methyl ethyl ketone) free liquids
		Air Filters	AIMD51B-01	1311, 6010	TCLP metals (barium, cadmium, chromium, lead)
		Rags w/Paint	AIMD51B-01	1311, 6010, 8240	TCLP (metals and volatiles)
		Rags w/Stripper	AIMD51B-01	1311, 6010, 8240	TCLP metals and volatiles
Support Equipment (900)	N-112	Used Oil	AIMD900-01	6010, 1010, 9020	flash point, total halogens, total metals (arsenic, cadmium, chromium, lead)
		Fuel (JP-5)	AIMD900-01	6010, 1010, 9020	flash point, total halogens, total metals (arsenic, cadmium, chromium, lead)
		Hydraulic Fluid	AIMD900-01	6010, 1010, 9020	flash point, total halogens, total metals (arsenic, cadmium, chromium, lead)
		Waste Turbine Shaft Oil	AIMD900-01	6010, 1010, 9020	flash point, total halogens, total metals (arsenic, cadmium, chromium, lead)
		Waste Absorbent	AIMD900-01	1311, 6010, 8240	TCLP (metals and volatiles)
		Waste Antifreeze	AIMD900-01	1311, 6010	TCLP metals
		Rags w/Oil and Grease	AIMD900-01	1311, 6010, 8240	TCLP (metals and volatiles)

Table 3
Wastestream Analysis

Generator Name	Building Number	Waste Description	Process Identification Number[a]	Test Method	Analytes
Support Equipment (900)	N-112	Waste Safety-Kleen Solvent	AIMD900-01	1311, 6010, 8240	TCLP (metals and volatiles)
		Rags w/ Solvent	AIMD900-01	1311, 6010, 8240	TCLP (metals and volatiles)
		Used Oil Filters	AIMD900-01	1311, 6010, 8240	TCLP (metals and volatiles)
AIROPS: Avionics (600)	N-126	Rags w/Flux, Lubricants, Grease, and Alcohols	AIMD600-01	1311, 6010, 8240	TCLP (metals and volatiles)
AIROPS: T-Line	N-4	Fuel (JP-5)	AOTLINE-01	6010, 1010, 9020	flash point, total halogens, total metals (arsenic, cadmium, chromium, lead)
		Transmission Fluid	AOTLINE-01	6010, 1010, 9020	flash point, total halogens, total metals (arsenic, cadmium, chromium, lead)
		Waste Engine Oil	AOTLINE-01	6010, 1010, 9020	flash point, total halogens, total metals (arsenic, cadmium, chromium, lead)
		Waste PD-680 Solvent	AOTLINE-01	6010, 1010, 9020	flash point, total halogens, total metals (arsenic, cadmium, chromium, lead)
		Rags w/Oil, Solvent, and Grease	AOTLINE-01	1311, 6010, 8240	TCLP (metals and volatiles)
CBU 404: Bravo Company: Carpentry	S-765	Asbestos	Not identified in 2P Plan	Polarized Light Microscopy	Bulk Testing
Alpha Company: Mechanics	S-779	Used Oil	CBUMECH-01	6010, 1010, 9020	flash point, total halogens, total metals (arsenic, cadmium, chromium, lead)
		Used Transmission Fluid	CBUMECH-01	6010, 1010, 9020	flash point, total halogens, total metals (arsenic, cadmium, chromium, lead)
		Thinner	CBUMECH-01	1010	flash point
		Used Antifreeze	CBUMECH-01	1311, 6010	TCLP metals
		Used Oil Filters	CBUMECH-01	1311, 6010, 8240	TCLP (metals and volatiles)

Table 3
Wastestream Analysis

Generator Name	Building Number	Waste Description	Process Identification Number[a]	Test Method	Analytes
Alpha Company: Mechanics	S-779	Waste Absorbent	CBUMECH-01	1311, 6010, 8240	TCLP (metals and volatiles)
		Rags w/Oil	CBUMECH-01	1311, 6010, 8240	TCLP (metals and volatiles)
Dental	S-771	Fixer and Developer	Not identified in 2P Plan	1311, 7760	TCLP metal (silver)
		Amalgam	DENTAL-01	1311, 7471, 7760	TCLP silver and TCLP mercury
Federal Prison: Maintenance Equipment	1410	Used Mineral Spirits	PRISON-01	1010	flash point
		Used Oil	PRISON-02	6010, 1010, 9020	flash point, total halogens, total metals (arsenic, cadmium, chromium, lead)
		Used Antifreeze	PRISON-02	1311, 6010	TCLP metals
		Rags w/Thinner	PRISON-01 and 02	1311, 6010, 8240	TCLP (metals and volatiles)
MWR: Auto Hobby Shop	N-397	Spray Booth Filters	MWRHOBBY-01	1311, 6010	TCLP metals (barium, cadmium, chromium, lead)
		Used Hydraulic Fluid	MWRHOBBY-02	6010, 1010, 9020	flash point, total halogens, total metals (arsenic, cadmium, chromium, lead)
		Used Oil	MWRHOBBY-02	6010, 1010, 9020	flash point, total halogens, total metals (arsenic, cadmium, chromium, lead)
		Car Wash Sludge	Not identified in 2P Plan	1311, 6010, 9095	TCLP metals, free liquids
		Soda/Lye Water Mixture	MWRHOBBY-02	9040, 1311, 6010, Karl Fischer Moisture	pH, TCLP metals, % water

Table 3
Wastestream Analysis

Generator Name	Building Number	Waste Description	Process Identification Number[a]	Test Method	Analytes
MWR: Auto Hobby Shop	N-397	Waste Paint/Thinner	MWRHOBBY-01	1010, 6010, 8240, 1311, 9095	flash point, TCLP metals (barium, cadmium, chromium, lead, mercury) volatiles (tetrachloroethylene, methylene chloride, trichloroethylene, 1,1,1-trichloroethane, chlorobenzene, 1,1,2-trichloro-1,2,2-trifluoroethane, trichlorofluoromethane, 1,1,2-trichloroethane, xylene, acetone, ethyl acetate, methyl isobutyl ketone, n-butyl alcohol, methanol, toluene, and methyl ethyl ketone) free liquids
		Sludge	MWRHOBBY-02	1311, 6010, 8240, 9095	TCLP (metals and volatiles), free liquids
		Waste Speedy Dry	MWRHOBBY-01 and 02	1311, 6010, 8240	TCLP (metals and volatiles)
		Used Antifreeze	MWRHOBBY-02	1311, 6010	TCLP metals
		Oil Filters	MWRHOBBY-02	1311,6010,8240	TCLP (metals and volatiles)
		Waste Rags	MWRHOBBY-02	1311, 6010, 8240	TCLP (metals and volatiles)
		Waste Safety-Kleen Solvent	MWRHOBBY-02	1311, 6010, 8240	TCLP (metals and volatiles)
Support Group	N-26	Waste Paint	MWRREES-02	1010, 6010, 8240, 1311, 9095	flash point, TCLP metals (barium, cadmium, chromium, lead, mercury) volatiles (tetrachloroethylene, methylene chloride, trichloroethylene, 1,1,1-trichloroethane, chlorobenzene, 1,1,2-trichloro-1,2,2-trifluoroethane, trichlorofluoromethane, 1,1,2-trichloroethane, xylene, acetone, ethyl acetate, methyl isobutyl ketone, n-butyl alcohol, methanol, toluene, and methyl ethyl ketone) free liquids
		Waste Oil	MWRREES-01	6010, 1010, 9020	flash point, total halogens, total metals (arsenic, cadmium, chromium, lead)
		Rags w/Oil and Leak Check	MWRREES-01 and 03	1311, 6010, 8240	TCLP (metals and volatiles)
		Rags w/Cleaner and Thinner	MWRREES-02	8240	Volatiles

Table 3
Wastestream Analysis

Generator Name	Building Number	Waste Description	Process Identification Number[a]	Test Method	Analytes
Golf Course	N-26A	Waste Oil	Not identified in 2P Plan	6010, 1010, 9020	flash point, total halogens, total metals (arsenic, cadmium, chromium, lead)
Vehicle Maintenance	1211	Used Oil	MWRVM-01	6010, 1010, 9020	flash point, total halogens, total metals (arsenic, cadmium, chromium, lead)
		Used Hydraulic Fluid	MWRVM-01	6010, 1010, 9020	flash point, total halogens, total metals (arsenic, cadmium, chromium, lead)
		Wastewater/Sludge	MWRVM-01	1311, 6010, 8240, 9095	TCLP (metals and volatiles), free liquids
		Spent Absorbent	MWRVM-01	1311, 6010, 8240	TCLP (metals and volatiles)
		Used Antifreeze	MWRVM-01	1311, 6010	TCLP metals
		Rags w/Grease and/or Oil	MWRVM-01	1311, 6010, 8240	TCLP (metals and volatiles)
		Waste Safety-Kleen Solvent	MWRVM-01	1311, 6010, 8240	TCLP (metals and volatiles)
		Used Oil Filters	MWRVM-01	1311, 6010, 8240	TCLP (metals and volatiles)
Graphics	S-797	Cotton Pads w/Ink and Solvent	MWRGRAPH-01 and 03	1311, 6010, 8240	TCLP (metals and volatiles)
DYNCORP: Boiler Shop	H-100	Used Oil	DYNBOIL-02	6010, 1010, 9020	flash point, total halogens, total metals (arsenic, cadmium, chromium, lead)
		Used Air Filters	DYNBOIL-02	1311, 6010	TCLP metals (barium, cadmium, chromium, lead)
		Rags w/Oil and Grease	DYNBOIL-02	1311, 6010, 8240	TCLP (metals and volatiles)
		Fluorescent Lights	Not identified in 2P Plan	1311, 7471	TCLP metal (mercury)
Electric & Carpentry	S-77	Fluorescent Lights	Not identified in 2P Plan	1311, 7471	TCLP metal (mercury)
		Oil w/Freon	Not identified in 2P Plan	6010, 8240	halogenated volatiles (1,1,2-trichloro-1,2,2-trifluoroethane and trichlorofluoromethane), total metals (arsenic, cadmium, chromium, lead)

Table 3
Wastestream Analysis

Generator Name	Building Number	Waste Description	Process Identification Number[a]	Test Method	Analytes
Transportation	S-9	Used Oil	DYNTRANS-01	6010, 1010, 9020	flash point, total halogens, total metals (arsenic, cadmium, chromium, lead)
		Used Antifreeze	DYNTRANS-01	1311, 6010	TCLP metals
		Rags w/Paint, Oil, and Grease	DYNTRANS-01	1311, 6010, B240	TCLP (metals and volatiles)
		Used Oil Filters	DYNTRANS-01	1311, 6010, 8240	TCLP (metals and volatiles)
		Waste Absorbent	DYNTRANS-01	1311, 6010, 8240	TCLP (metals and volatiles)
Water Treatment	S-772	Waste Rinsate w/Various Chemicals	DYNWTP-01	6010, 8240, 1311, Karl Fischer Moisture	TCLP (metals and volatiles), % water
Steam	Near S-75	Ashes	Not identified in 2P Plan	1311, 6010	TCLP metals
		Waste Absorbent	Not identified in 2P Plan	1311, 6010, 8240	TCLP (metals and volatiles)
Locksmith/Air Filter Shop	S-235	Asbestos Roofing Materials	Not identified in 2P Plan	Polarized Light Microscopy	Bulk Testing
OWS Drum Storage Area	Near S-75	Oil/water	DYNBOIL-03	1010, 1311, 6010, 8240, Karl Fischer Moisture, 9095	flash point, TCLP (metals and volatiles), % water, free liquids
NATTC: Mechanical Training Dept. AMH-A1	S-785	Waste PD-680 Type II w/Hydraulic Fluid	NATTCAMH-01	6010, 1010, 9020	flash point, total halogens, total metals (arsenic, cadmium, chromium, lead)
AS-A1	S-787	Rags w/Gasoline (soaked)	NATTCASA-01	1311, 8240	TCLP volatile (benzene)
		Rags w/Engine Oil, Grease, and Hydraulic Fluid	NATTCASA-01	1311, 6010, 8240	TCLP (metals and volatiles)

Table 3
Wastestream Analysis

Generator Name	Building Number	Waste Description	Process Identification Number[a]	Test Method	Analytes
Equipment Maintenance (MEMD)	S-394	Hydraulic Fluid	NATTCEM-01 and 02	6010, 1010, 9020	flash point, total halogens, total metals (arsenic, cadmium, chromium, lead)
		Used Oil	NATTCEM-01 and 02	6010, 1010, 9020	flash point, total halogens, total metals (arsenic, cadmium, chromium, lead)
		Waste Absorbent	NATTCEM-01 and 02	1311, 6010, 8240	TCLP (metals and volatiles)
		Waste Safety-Kleen Solvent	NATTCEM-02	1311, 6010, 8240	TCLP (metals and volatiles)
		Rags w/Oil, Hydraulic Fluid, Lubricant, Grease, Sealants, Corrosion Preventive Compound, and PD-680	NATTCEM-01 and 02	1311, 6010, 8240	TCLP (metals and volatiles)
		Used Oil Filters	NATTCEM-01 and 02	1311, 6010, 8240	TCLP (metals and volatiles)
EAF	Near N-1734	Waste Oil	Not identified in 2P Plan	6010, 1010, 9020	flash point, total halogens, total metals (arsenic, cadmium, chromium, lead)
		Dry Sweep	Not identified in 2P Plan	1311, 6010	TCLP (metals and volatiles)
		Rags w/Oil and Grease	Not identified in 2P Plan	1311, 6010	TCLP (metals and volatiles)
JOAP	S-241	Methanol	Not identified in 2P Plan	1010	flash point
		Rags w/Oil	Not identified in 2P Plan	1311, 6010, 8240	TCLP (metals and volatiles)
AMS	S-784	Water w/Alodine	NATTCAMS-01	9040, 6010, Karl Fischer Moisture	pH, chromium, % water

Table 3
Wastestream Analysis

Generator Name	Building Number	Waste Description	Process Identification Number[a]	Test Method	Analytes
AMS	S-784	Waste Paint and Solvent	NATTCAMS-01	1010, 6010, 8240, 1311, 9095	flash point, TCLP metals (barium, cadmium, chromium, lead, mercury), volatiles (tetrachloroethylene, methylene chloride, trichloroethylene, 1,1,1-trichloroethane, chlorobenzene, 1,1,2-trichloro-1,2,2-trifluoroethane, trichlorofluoromethane, 1,1,2-trichloroethane, xylene, acetone, ethyl acetate, methyl isobutyl ketone, n-butyl alcohol, methanol, toluene, and methyl ethyl ketone), free liquids
NATTC: FSB	S-54, Wing 2	Rags w/Electrostatic Solution and Deglazing Solvent	Not identified in 2P Plan	1311, 6010, 8240	TCLP (metals and volatiles)
NAMTRAGRU: Paint Shop	S-360	Used Oil	NTGPME-02	6010, 1010, 9020	flash point, total halogens, total metals (arsenic, cadmium, chromium, lead)
		Paint Filter	NTGPME-01	1311, 6010	TCLP metals (barium, cadmium, chromium, lead)
		Rinsate	NTGPME-01 and 02	8240, 9020	flash point, volatiles (tetrachloroethylene, methylene chloride, trichloroethylene, 1,1,1-trichloroethane, chlorobenzene, 1,1,2-trichloro-1,2,2-trifluoroethane, trichlorofluoromethane, 1,1,2-trichloroethane, xylene, acetone, ethyl acetate, methyl isobutyl ketone, n-butyl alcohol, methanol, toluene, and methyl ethyl ketone)
		Cleaning Chemicals	NTGPME-01 and 02	1311, 6010, 8240	TCLP (metals and volatiles)
		Rags w/Paint and Engine Oil	NTGPME-01 and 02	1311, 6010	TCLP (metals and volatiles)
Machine Shop	S-223	Spent Glass Beads	NTGPME-02	1311, 6010	TCLP metals (barium, cadmium, chromium, lead)
		Spent Cutting/Cooling Lube Oils	NTGPME-03	6010, 1010, 9020	flash point, total halogens, total metals (arsenic, cadmium, chromium, lead)
		Rags w/Cooling and Cutting Fluids	NTGPME-02 and 03	1311, 6010, 8240	TCLP (metals and volatiles)
		Waste Safety-Kleen Solvent	NTGPME-01	1311, 6010, 8240	TCLP (metals and volatiles)
Engine Shop	S-223	Motor Oil	NTGPME-02	6010, 1010, 9020	flash point, total halogens, total metals (arsenic, cadmium, chromium, lead)
		Rags w/Motor/Lube Oil	NTGPME-02	1311, 6010, 8240	TCLP (metals and volatiles)

Table 3
Wastestream Analysis

Generator Name	Building Number	Waste Description	Process Identification Number[a]	Test Method	Analytes
NAVRESREDCOM 9: Supply	E-34	Fluorescent Lights	Not identified in 2P Plan	1311, 7471	TCLP metal (mercury)
VR-60: Power Plants Airframes/Corrosion Control Survival Equipment Avionics/Electrical Line	N-126	Rinsate	VR60310-01	8240	flash point, volatiles (tetrachloroethylene, methylene chloride, trichloroethylene, 1,1,1-trichloroethane, chlorobenzene, 1,1,2-trichloro-1,2,2-trifluoroethane, trichlorofluoromethane, 1,1,2-trichloroethane, xylene, acetone, ethyl acetate, methyl isobutyl ketone, n-butyl alcohol, methanol, toluene, and methyl ethyl ketone)
		Waste Absorbent	VR6013A-01, VR60120-01, and VR60110-01	1311, 6010, 8240	TCLP (metals and volatiles)
BEECH AIRCRAFT	N-798	Waste Fuel (JP-5)	Not identified in 2P Plan	6010, 1010, 9020	flash point, total halogens, total metals (arsenic, cadmium, chromium, lead)
		Paint-Related Waste	Not identified in 2P Plan	1010, 6010, 8240, 1311, 9095	flash point, TCLP metals (barium, cadmium, chromium, lead, mercury) volatiles (tetrachloroethylene, methylene chloride, trichloroethylene, 1,1,1-trichloroethane, chlorobenzene, 1,1,2-trichloro-1,2,2-trifluoroethane, trichlorofluoromethane, 1,1,2-trichloroethane, xylene, acetone, ethyl acetate, methyl isobutyl ketone, n-butyl alcohol, methanol, toluene, and methyl ethyl ketone), free liquids
		Waste Turbo Oil	Not identified in 2P Plan	6010, 1010, 9020	flash point, total halogens, total metals (arsenic, cadmium, chromium, lead)
		Waste Absorbent	Not identified in 2P Plan	1311, 6010, 8240	TCLP (metals and volatiles)
BRIG	N-796	Fluorescent Lights	Not identified in 2P Plan	1311, 7471	TCLP metal (mercury)
		Used Oil	Not identified in 2P Plan	6010, 1010, 9020	flash point, total halogens, total metals (arsenic, cadmium, chromium, lead)

Table 3
Wastestream Analysis

Generator Name	Building Number	Waste Description	Process Identification Number*	Test Method	Analytes
NEX: Service Station	S-341	Used Oil	Not identified in 2P Plan	6010, 1010, 9020	flash point, total halogens, total metals (arsenic, cadmium, chromium, lead)
		Waste Antifreeze	Not identified in 2P Plan	1311, 6010	TCLP metals
		Rags w/Oil, Grease, and Safety-Kleen Solvent	Not identified in 2P Plan	1311, 6010, 8240	TCLP (metals and volatiles)
		Waste Absorbent	Not identified in 2P Plan	1311, 6010, 8240	TCLP (metals and volatiles)
		Used Oil Filters	Not identified in 2P Plan	1311, 6010, 8240	TCLP (metals and volatiles)
NAVAL HOSPITAL Dental	H-100	Silver/Mercury Mixture	Not identified in 2P Plan	1311, 7471, 7760	TCLP (metals and volatiles)

Note:
* = Obtained from NAS Memphis Pollution Prevention Plan

The following procedures are recommended for sampling solid/hazardous waste liquids and solids in drums at NAS Memphis. Specific sampling methods and approaches will be incorporated in a Phase II field sampling memorandum.

3.1 Sampling Methods

The general sampling procedures that will be followed are described in Chapter 10 of SW-846. Table 4 lists the sampling methods for the various Group II, III, and V wastes to be analyzed. Many wastestreams are heterogeneous; therefore, care must be taken to obtain a representative sample. 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. Liquids and sludges are the most common forms of hazardous waste at NAS Memphis. Recommended sampling access points for different waste containers and soil are listed in Table 5. Recommended numbers of samples to be taken for different types of wastes and soil are in Table 6.

Table 4
Sampling Methods

Type of Waste	Guide Reference*
Extremely viscous liquid	ASTM Standard D140-70, Auger (depending on thickness)
Crushed or powdered material	ASTM Standard D346-75, Thief or trier
Soil-like material	ASTM Standard D1452-65, Augers or trier
Fly Ash-like material	ASTM Standard D2234-76, Thief
Containerized liquid waste	Coliwasa
Liquid waste in pits and tanks	Dipper, weighted bottle sampler, or Coliwasa (depending on depth)

Notes:
* = *Test Methods for Evaluation of Solid Waste, Physical/Chemical Methods*
ASTM = *American Society for Testing and Materials*

Table 5
Sampling Points Recommended for Most Waste Containers

Container Type	Sampling Point
Drum (bung on one end)	Withdraw sample through the bung opening.
Drum (bung on side)	Lay drum on side with bung up. Withdraw sample through the bung opening.
Barrel, fiber drum, buckets, sacks, bags	Withdraw samples through the top of barrels, fiber drums, buckets, and similar containers. Withdraw samples through fill openings of bags and sacks. Withdraw samples through the center of the containers and to different points diagonally opposite the point of entry.
Tank and similar containers	Withdraw sample through open hatch. Sample all other hatches.
Soil and sludge	Divide the surface area into an imaginary grid. (The number of grids is determined by the desired number of samples to be collected which, when combined, should give representative sample of the wastes.) Sample each grid.

Table 6
Number of Samples to Be Collected

Case No.	Information Desired	Waste Type	Container Type	Number of Samples to Be Collected
1	Average Concentration	Liquid	Drum, vacuum truck, and similar	1 collected with Coliwasa.
2	Average Concentration	Solid (powder or granular)	Bag, drum, bin, sack	1 composite sample of several samples collected at the same sampling area.
3	Average Concentration	Soil or sludge		1 composite sample of several samples collected at the same sampling area.

For all liquid hazardous wastes in containers ranging from 5 gallons to 85 gallons, use a Coliwasa sampler. This device collects material throughout the depth of the liquid in a drum, assuring a representative sample. Instructions for drum sampling are presented in Table 7. For

all wastes except mixed paint wastes, a single sample (top to bottom) will be taken from a container, unless the waste is heterogeneous and/or contains one or more layers. In these cases, multiple samples should be taken. Samples to be analyzed for volatile organics should be uncomposited grab samples. Mixed paint waste will be sampled by using a glass tube or Coliwasa, collecting a full-depth sample. Wipe the outside of the sampling device with a clean rag before placing the sample in a sampling container.

Table 7
Procedure for Sampling Waste in Drums

1.	Choose the plastic or glass Coliwasa for the liquid waste to be sampled.
2.	Make sure that the sampler is clean.
3.	Make sure the sampler is functioning properly.
4.	Wear necessary protective clothing and gear and observe required sampling precautions.
5.	Slowly lower the sampler into the liquid waste. (Lower the sampler at a rate that permits the levels of the liquid inside and outside the sampler tube to remain about the same. If the level of the liquid in the sampler tube is lower than that outside the sampler, the sampling rate is too fast and will result in a nonrepresentative sample).
6.	When the end of the Coliwasa reaches the bottom of the waste container, push the inner tube of the Coliwasa downward against the stopper, which will close the container and leave a sample of the waste inside the Coliwasa.
7.	Slowly withdraw the sampler from the waste container with one hand while wiping the sampler tube with a disposable cloth or rag with the other hand.
8.	Carefully discharge the sample into a suitable sample container by slowly opening the sampler. This is done by retracting the inner tube and allowing the sample to flow into the designated sample container.
9.	Repeat this process until the container is full of sample material.
10.	Cap the sample container; attach label and seal; record in field logbook; and complete sample analysis request sheet.
11.	Clean sampler onsite or store the contaminated parts in a plastic storage tube for subsequent cleaning. Store used rags in plastic bags for subsequent disposal.
12.	Samples are preserved and refrigerated as required by USEPA SW-846 until delivered to the laboratory for analysis.

Solid and powdered waste (i.e., ash in a container or drum) will be sampled using a thief or trier. To assure a uniform sample, drums will be agitated before sampling, if possible.

3.1.1 Sample Preparation, Containers, Preservation, and Labeling

Each wastestream will be designated by a unique numeric code. The sample label will indicate the drum from which the sample was collected, the project name and location (unit name and building number), the date and time of collection, and the required analysis.

From each drum, sufficient sample will be collected to completely fill the container. The laboratory will provide the containers, along with the appropriate container labels and chain-of-custody records. No preservatives will be used other than cooling the samples.

Air bubbles (headspace) will not be trapped in the sample containers. To achieve this, sample material will be introduced slowly until a convex meniscus extends just above the bottle lip for liquid samples, while complete filling of the container will be ensured for solid samples. Once the sample container is filled, a label will be quickly affixed to the container lid while the bottle is inverted to check for the presence of air bubbles.

Once samples are transferred to the appropriate container and the labels are affixed, containers will be immediately placed in a field cooler with blue ice or bagged ice so that the samples are maintained at a temperature of 4°C.

3.1.2 Transfer of Custody and Shipment

Partially completed chain-of-custody forms will be provided with each cooler shipment of empty sample containers from the laboratory. After samples have been collected, sampling personnel must complete the chain-of-custody forms (sample collection time, date, and names of sampling personnel) and maintain the samples under strict chain-of-custody procedures. The original chain-of-custody form must accompany the sample shipment. A copy of the chain-of-custody form will be retained by the sampling personnel and returned to the project manager.

Sample containers will be packed in the coolers in a manner minimizing the risk of glassware breakage during shipment. Each cooler also will be packed with blue ice to maintain the samples at approximately 4°C during shipment. As mentioned previously, each cooler will contain the chain-of-custody form which corresponds to the samples placed in the respective cooler. Once all coolers are determined to contain the correct information, they will be secured using duct tape or similar adhesive.

All sample shipping coolers will be sent to the laboratory via overnight courier on the day sampled.

3.1.3 Sampler Decontamination

The sampling devices will be decontaminated between drums using an isopropanol rinse and deionized water rinse (three times). This should help prevent cross-contamination between samples.

3.1.4 Sampler Safety Precautions

Sampler safety procedures are outlined in the health and safety plan. This plan has been submitted to the Navy for its approval.

3.2 Test Methods

Physical state and color will be checked visually and recorded at the time of sampling. All analyses will be conducted by a contracted laboratory (approved by the State of Tennessee or USEPA). Table 3 lists specific analytes for which the waste will be tested. Either SW-846 or American Society for Testing and Materials (ASTM)-approved methods will be used. The laboratory performing the hazardous waste analyses will adhere to QA/QC procedures.

If halogens are indicated in waste oil, subsequent analysis will be negotiated and awarded for additional sampling.

4.0 QUALITY CONTROL

All Group II, III, and V wastestreams will be analyzed using these USEPA-approved methods: *Test Methods for Evaluating Solid Waste Physical/Chemical Methods*, USEPA SW-846; *Methods for Chemical Analysis of Water and Wastes*, EPA 600/4/79/020; or ASTM methods.

QA objectives are to assess and document the precision, accuracy, representativeness, completeness, and comparability of sampling and analysis performed. These objectives for laboratory analytical methods (matrices) are based on the premise that the laboratory uses USEPA SW-846, USEPA 600, or ASTM analysis.

All laboratory QA/QC procedures will be conducted in accordance with SW-846. Sample bottle labels and sample security seals will be used. Sample containers to be provided by the laboratory will be prepared as described in Chapter 2 of SW-846. Containers will be shipped to E/A&H from the supplier by common carrier and will remain in E/A&H's custody. No preservatives will be used, other than cooling the sample.

Because the purpose of the Phase II sampling will be to characterize wastestreams, QA samples will not be included (i.e., trip blanks for volatiles, equipment rinsates, or field blanks as outlined under Naval Facilities Engineering Service Center [formerly NEESA] Level C will not be obtained).

Samples will be maintained in the custody of the sampling personnel. Upon transfer of custody, the chain-of-custody form will be signed, with the date and time noted. Because common carriers will not sign chain-of-custody forms, these records will be sealed in plastic inside each cooler. A signed, dated custody seal will be placed over the lid opening of the sample cooler (or each sample container) to indicate if it has been opened during shipment prior to receipt by the laboratory. Chain-of-custody forms received by the laboratory will be signed and dated by the laboratory sample custodian and returned to E/A&H following receipt or as part of the data

reporting package. Calibration procedures and frequency for the laboratory will be followed. Data reduction, validation, and reporting by the laboratory will meet the criteria needed by E/A&H for internal data validation.

The use of the laboratory will be accomplished by a services agreement. The contract will specify the scope of services to be performed by the laboratory, the specific analytical QA requirements to be met, and the information to be developed and reported.

Accuracy

Accuracy is the difference between an average value and the true value when the latter is known or assumed. The term accuracy is normally used interchangeably with percent recovery, and describes either recovery of a known amount of analyte (spike) added to a sample of known value, or recovery of a synthetic standard of known value.

Where: SSR = Spike sample results;
SR = Sample result; and
SA = Spike added.

Note: Units for the concentrations of spikes, samples, and observed and true values vary based on the analysis. However, they are typically noted in micrograms per liter (μg/L) or milligrams per liter (mg/L) for water samples and micrograms per kilogram (μg/kg) or milligrams per kilogram (mg/kg) for soil samples.

Average

The average (or arithmetic mean) of a set of N values is the sum of the values divided by N:

$$X = \frac{\sum_{i=1}^{x} x_i}{n}$$

Precision

Relative to the data from a single test procedure, precision is the degree of mutual agreement among individual measurements made under prescribed conditions. An estimate of standard deviation is normally used to describe a particular method's precision.

Standard Deviation Estimate

Standard deviation estimate is the most widely used measure to describe the dispersion of a set of data. Normally, + SD will include 68%, and + 2SD will include about 95% of the data from a study.

Relative Standard Deviation

The estimate of precision of a series of replicate measurements will usually be expressed as the relative standard deviation.

Relative Percent Difference

The relative percent difference is a measure of the difference between two samples assumed to be identical through dividing (splitting) an original sample, analyzing each portion, assessing the values of the first replicate (X1) and that of the second replicate (X2), then dividing the difference by the mean (X) of X1 and X2.

Completeness

Completeness is a measure of the amount of valid data obtained from a measurement system compared to the total amount expected to be obtained under normal conditions. A 95% completeness figure is usually required for a particular analysis and overall project objective.

5.0 WASTE ANALYSIS REPORT

The final Phase II waste analysis submittal will include the HWPS, MSDS, and analytical results for each wastestream sampled. It will also include a tabulation of the land ban requirements. The analytical results will be used to determine the appropriate method of disposal.

APPENDIX A

ORIGINAL WASTESTREAMS SUBMITTED

Appendix A Waste Stream Testing		
Generator Name	**Building Number**	**Waste Description**
AIMD: Paint Shop	xxx	Rags w/PD-680 Rags w/Stripper Rags w/NAPHTHA Rags w/Paint Rags w/Conversion Coatings Rinse Water/Stripper Spent Glass Beads Alodine Waste Phosphoric Acid Waste Waste Paint & Primer Waste Thinner Empty Aerosol Cans Paint Stripper
Power Plant	xxx	Spent Turbine Oil PD-680 Rags w/Hydraulic Fluid Rags w/Oil Rags w/Solvent (PD-680) Rags w/Antiseize Empty Metal/Plastic Containers Empty Aerosol Cans Spent Absorbants JP-5 Fuel Hydraulic Fluid
Welding Shop	xxx	Empty Gas Cylinders Empty Metal Cans Spent Weld Rods Empty Plastic Containers
Machine Shop	xxx	Rags w/Lubricants Rags w/Oil Empty Aerosol Cans Empty Plastic Containers
Tire and Wheel Shop	xxx	Solvent (PD-680) Aircraft Cleaning Compound Rags w/Antiseize Compound Rags w/Grease Rags w/Lead Detect Compound Rags w/Solvent (PD-680) Empty Metal Containers

Appendix A Waste Stream Testing		
Generator Name	**Building Number**	**Waste Description**
AIMD (cont'd.): Hydraulics Shop	xxx	Waste Hydraulic Fluid Rags w/Lubricants Rags w/Hydraulic Fluid Empty Metal/Plastic Containers Hydraulic Filters Rags w/Trichlorotrifloroethene Waste Trichlorotrifloroethene
NDI Shop	xxx	Rags w/Penetrant Rags w/Cutting Fluid Empty Aerosol Cans Cutting Fluid
Avionics	xxx	Alcohol Rags w/Corrosion Compound Rags w/Flux Rags w/Lubricants Rags w/Alcohol Rags w/Grease
Ordnance	xxx	Empty Plastic Containers Rags w/Solvent (PD-680) Rags w/Grease Rags w/Lubricants Empty Aerosol Cans Rags w/Cleaning Compound Empty Metal Containers
Survival Equipment	xxx	Rags w/Sealing Compounds Empty Plastic Containers Empty Aerosol Cans Rags w/Talc
Support Equipment	xxx	Rinse Water Rags w/Solvent (PD-680) Empty Metal Plastic Containers Rags w/Oil Rags w/Grease Empty Aerosol Cans Used Oil Fuel Spent Electrolyte Sulfuric Acid
AIROPS: Armory	S-159	Rags w/Cleaner Rags w/Oil Rags w/Corrosion Compound

Appendix A Waste Stream Testing		
Generator Name	**Building Number**	**Waste Description**
OEO2-Comm	N-106	Paper Towels w/Alcohol Paper Towels w/Cleaner
T-Line	N-4	JP-5 Transmission Fluid Rags w/Oil Rags w/Solvent Rags w/Grease
"C" Company Projects" X-BAPT	450	Scrap Sheet Rock Empty Plastic/Metal Containers Rags w/Paint Rags w/Stain Rags w/Thinner Empty Metal Containers
Bravo Company: Carpentry	S-765	Used Sheet Rock Empty Plastic Containers Used Sand Paper Empty Metal Containers Empty Aerosol Cans
Admin Projects: Rehab	S-766	Used Sheetrock Used Lumber Empty Metal Containers Empty Adhesive Containers Empty Plastic Containers
Alpha Company: Mechanics	S-779	Used 10 W Oil Used 30 W Oil Used 90 W Oil Used Transmission Fluid Used Antifreeze Rags w/Oil Rags w/Solvent Used Oil Filters Empty Metal Containers Spent Solvent
Operations: Engineering	S-766	Empty Plastic Containers Paper Towels w/Cleaner
Weapons: WG01	S-159	Swabs w/Oil Rags w/Oil
CSR: Dental	S-771	Empty Aerosol Cans

Appendix A Waste Stream Testing		
Generator Name	**Building Number**	**Waste Description**
Naval Hospital: Lab	H-100	Xylene 10% Formaldehyde Empty Cans of Dichlorodifluoromethane Alcohol
Federal Prison: Maintenance Equipment	1410	Used Mineral Spirits Used Thinner Rags w/Thinner Used Oil Empty Plastic/Metal Containers Rags w/Oil Used Antifreeze Waste Water w/Detergent Empty Aerosol Cans
MWR: Arts/Crafts Hob Shop	N-732	Empty Aerosol Cans Rags w/Paint & Thinner
Graphics	xxx	Cotton Pads w/Ink Cleaner, Solvent Used Ink w/Knox-out Rinse Water w/Hardener-Developer, & Fixer Rinse Water w/Diazo, Stencil-Remover, & Degreaser
Auto Hobby Shop	N-397	Rags w/Paint Thinner Spray Booth Filters Empty Aerosol Cans Used Antifreeze Solvents Used Hydraulic Fluid Used Oil Filters Used Oil Rags w/Oil Empty Aerosol Cans
Support Group	N-26	Empty Freon Bottles Rags w/Oil & Leak Check Empty Aerosol Cans Empty Plastic/Metal Containers Rags w/Thinner Waste Paint Rags w/Cleanser Rags w/Oil

Appendix A Waste Stream Testing		
Generator Name	**Building Number**	**Waste Description**
Vehicle Maintenance	1211	Used Oil Used Batteries Used Antifreeze Used Solvents Empty Aerosol Cans Empty Gas Cylinder Used Hydraulic Fluid Rags w/Grease & Oil Used Tires Spent Absorbent Used Filters
Public Works: HazWaste Storage	S-236	1,1,1-Trichloroethane Isopropyl Alcohol Paper Towels w/1,1,1-Trichloroethane Empty Plastic Containers Empty Aerosol Cans
DYNCORP: Boiler Shop	H-100	Waste Chemicals Empty Plastic Containers Used Freon Used Oil Rags w/Oil Used Air Filters
Electric	S-77	Empty Aerosol Cans Rags w/Freon Used Batteries
Paint & Carpentry	S-183	Empty Aerosol Cans Paint w/Thinner Rags w/Thinner Empty Metal Containers
Pest Control	xxx	Empty Plastic Containers Empty Aerosol Cans
Transportation	S-9	Empty Aerosol Cans Rags w/Oil & Grease Empty Plastic Containers Used Oil Used Antifreeze Used Batteries
Water Treatment	772	Empty Plastic Containers Waste Water w/Various Chemicals

Appendix A Waste Stream Testing		
Generator Name	**Building Number**	**Waste Description**
MECHANICAL TRAINING DEPT: AMH-A1	S-785	Hydraulic Fluid PD-680 Paper Towels w/Solvent Gloves Empty Metal Containers Water w/Stripper Water w/Alodine Thinner w/Paint Rags w/Stripper Rags w/Alodine Rages w/Thinner Rags w/Grease Rags w/Solvent Gloves w/Resin Rags w/Corrosion Prev Compound Empty Aerosol Cans
AS-A1	S-787	Rinse Water w/Paint Rags w/Paint Empty Metal Containers Rags w/Grease Rags w/Hydraulic Fluid Empty Plastic Spools Hydraulic Fluid Hydraulic Fluid w/Solvent Used Freon
Equipment Maintenance	S-394	Rinse Water s/Detergent Empty Metal Containers Rags w/Oil Rags w/Hydraulic Fluid Rags w/Paint Stripper Rags w/Thinner Empty Aerosol Cans Empty Plastic Containers Rags w/Lubricants Rinse Water w/Stripper Rags w/Grease Rags w/Solvent Rags w/Sealants Rags w/Corrosion Prev Compound

Appendix A Waste Stream Testing		
Generator Name	**Building Number**	**Waste Description**
NDI C-7	S-784	Rinse Water w/Detergent and Trichloroethane Rise Water w/Penetrants Rinse Water w/Emulsifier Empty Aerosol Cans Rags w/Solvent Rags w/Penetrant Empty Metal Cans Rags w/Cleaner Rinse Water w/ Developer Rise Water w/Acetic Acid Rise Water w/Ammonium-Thiosulfate Silver Recovery Excess Film Empty Plastic Containers
CODE 40: Photo Lab	1	Developers Activator Fixers Bleach Stabilizers
Machine & Engine Shop	S-360	Solvent w/Oil Waste Thinner Rags w/Solvent Rags w/Thinner Rages w/Paint Empty Metal Cans Empty Aerosol Cans Used Hydraulic Fluid Used Turbine Oil Spent Absorbent Rags w/Hydraulic Fluid Spent Glass Beads Rags w/Cutting Fluid Rags w/Oil Spent Cutting Fluid Scrap Metal
NAVRESREDCOM: Supply	E-34	Empty Aerosol Cans Paper Towels w/Solder Empty Plastic Containers
MAINTENANCE: Power Plants	N-126	Used Oil Contaminated fuel Empty Plastic Containers Rags w/Oil

Appendix A Waste Stream Testing		
Generator Name	**Building Number**	**Waste Description**
Airframes/cor control	N-126	Empty Metal Containers Rags w/Adhesive Rags w/Oil Rags w/Solvent Empty Aerosol Cans Used Hydraulic Fluid Waste Water w/Paint Remover Waste Water w/Conversion-Coating Rags w/Paint Remover Rags w/Conversion Coating Rags w/Thinner Thinner w/Paint
Survival Equipment	N-126	Rags w/Oil Empty Metal Cans
Avionics/Electrical	N-126	Rags w/Avionic-Cleaning Compound Empty Aerosol Cans
Line	N-126	Empty Plastic Containers Rags w/Aircraft Cleaning-Compound Empty Aerosol Cans Waste Water w/Detergent Used JP-5 w/Alcohol Rags w/JP-5

APPENDIX B

NAS MEMPHIS

WASTESTREAM DOCUMENTATION FORMS

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: AIMD Support Equipment (900) Work Center Contact: AS-3 Brake

Building Number: N-112 Work Center Phone: 873-5496

Work Center Activity Description:

This work center provides scheduled and unscheduled maintenance, performs servicing of fluid systems, cleaning, corrosion removal, touch-up painting, and preservation of support equipment.

Wastestream as Identified in the Scope of Work and Use:

waste absorbent (speedy dry) which is contaminated with hydraulic fluid, JP-5, used oil, or turbo shaft oil from equipment repair

TDEC Code: None

Documents Reviewed[1]: NM PPP/HW Minimization Plan A HMIS (JP-5, etc.)

NM Part B Permit NM HW Management Plan A MSDS (JP-5, etc.)

NM 1991, NM 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: AIMD900-01
Storage Location Description:

Outdoor quansit hut

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

15-gallon metal container, good condition

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed TBD Characteristic

S Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:
Minimize spillage of materials that would warrant absorbents. Analyze for TCLP metals and TCLP volatiles.

General Comments:
Waste speedy dry is stored in the container, taken to N-12, then picked up for disposal by HW Branch.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream
[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: AIMD Support Equipment (900) Work Center Contact: AS-3 Brake

Building Number: N-112 Work Center Phone: 873-5496

Work Center Activity Description:

This work center provides scheduled and unscheduled maintenance, performs servicing of fluid systems, cleaning, corrosion removal, touch-up painting, and preservation of support equipment.

Wastestream as Identified in the Scope of Work and Use:

Waste Antifreeze from equipment repair

TDEC Code: None

Documents Reviewed[1]: A PPP/HW Minimization Plan A HMIS

NM Part B Permit NM HW Management Plan A MSDS

A 1991, A 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: AIMD900-01
Storage Location Description:

None

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

None

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste X Exempt NA Listed TBD Characteristic

L Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:

Collect and recycle the waste antifreeze. Avoid cross contamination with other waste streams. Analyze for TCLP metals.

General Comments:
The antifreeze is pumped directly into the city sewer system via the restroom facility. NAS Memphis has permission from the City of Millington to dispose of 1,400 gallons per year via this method. See attached letter. NAS Memphis does not have a written sewer use agreement.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: AIMD Support Equipment (900) Work Center Contact: AS-3 Brake

Building Number: N-112 Work Center Phone: 873-5496

Work Center Activity Description:

This work center provides scheduled and unscheduled maintenance, performs servicing of fluid systems, cleaning, corrosion removal, touch-up painting, and preservation of support equipment.

Wastestream as Identified in the Scope of Work and Use:

Empty Metal/Plastic Containers from equipment repair (previously contained hydraulic fluid, antifreeze, oil, brake fluid, etc.)

TDEC Code: None

Documents Reviewed[1]: M PPP/HW Minimization Plan A HMIS (fluid, etc.)

NM Part B Permit NM HW Management Plan A MSDS (fluid, etc.)

NM 1991, NM 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: AIMD900-01
Storage Location Description:

Outdoor quansit hut

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

5-gallon metal container, good condition

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed NA Characteristic

S Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:
The containers should be collected, drained, crushed, and recycled. User knowledge, no analysis recommended.

General Comments:
The empty oil containers are allowed to drain into the UST, wiped clean, then stored until disposal through N-12.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: AIMD Support Equipment (900) Work Center Contact: AS-3 Brake

Building Number: N-112 Work Center Phone: 873-5496

Work Center Activity Description:

This work center provides scheduled and unscheduled maintenance, performs servicing of fluid systems, cleaning, corrosion removal, touch-up painting, and preservation of support equipment.

Wastestream as Identified in the Scope of Work and Use:

Hydraulic Fluid from equipment repair

(This wastestream was not identified in the scope of work for this work center.)

TDEC Code: None

Documents Reviewed[1]: M PPP/HW Minimization Plan M HMIS

NM Part B Permit M HW Management Plan M MSDS

NM 1991, NM 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: AIMD900-01
Storage Location Description:

Outdoor quansit hut

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

Two 10-gallon and one 5-gallon metal container, good condition

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed TBD Characteristic

L Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:

Recycle the waste hydraulic fluid. Analyze for metals, flash point, and halogens.

General Comments:
When full, the container is taken to N-12 for pickup for disposal.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: AIMD Support Equipment (900) Work Center Contact: AS-3 Brake

Building Number: N-112 Work Center Phone: 873-5496

Work Center Activity Description:

This work center provides scheduled and unscheduled maintenance, performs servicing of fluid systems, cleaning, corrosion removal, touch-up painting, and preservation of support equipment.

Wastestream as Identified in the Scope of Work and Use:

Waste Fuel (JP-5) from equipment repair

TDEC Code: 43

Documents Reviewed[1]: A PPP/HW Minimization Plan A HMIS

M Part B Permit M HW Management Plan A MSDS

M 1991, M 1992, M 1993 Wastestream Report NM 1991, NM 1992, M 1993 Waste Profile Sheet

Process ID Number: AIMD900-01
Storage Location Description:

Outdoor quansit hut

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

5-gallon metal container, good condition

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed X Characteristic

L Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:
Avoid cross contamination so that it could possibly be used in a fuels blending process. Analyze for flash point, total halogens, and total metals. The fuel could be used in forklifts or military vehicles.

General Comments:
When full, the canister is taken to N-12 for disposal.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream
[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: AIMD Support Equipment (900) Work Center Contact: AS-3 Brake

Building Number: N-112 Work Center Phone: 873-5496

Work Center Activity Description:

This work center provides scheduled and unscheduled maintenance, performs servicing of fluid systems, cleaning, corrosion removal, touch-up painting, and preservation of support equipment.

Wastestream as Identified in the Scope of Work and Use:

Rags w/Oil and Grease

TDEC Code: None

Documents Reviewed[1]: A PPP/HW Minimization Plan A HMIS (oil and grease)

NM Part B Permit NM HW Management Plan A MSDS (oil and grease)

NM 1991, NM 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: AIMD900-01
Storage Location Description:

Inside service repair area

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

Plastic bag inside garbage can

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed TBD Characteristic

S Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:
Make sure the rags have no free flowing liquids. Collect, clean, and reuse contaminated rags. Analyze for TCLP metals and TCLP volatiles.

General Comments:

When full, bag is taken to N-12 where it is picked up for disposal.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream
[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: AIMD Support Equipment (900) Work Center Contact: AS-3 Brake

Building Number: N-112 Work Center Phone: 873-5496

Work Center Activity Description:

This work center provides scheduled and unscheduled maintenance, performs servicing of fluid systems, cleaning, corrosion removal, touch-up painting, and preservation of support equipment.

Wastestream as Identified in the Scope of Work and Use:

Waste solvent (Safety-Kleen)

TDEC Code: 35

Documents Reviewed[1]: M PPP/HW Minimization Plan A HMIS

NM Part B Permit M HW Management Plan A MSDS

M 1991, M 1992, M 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: AIMD900-01
Storage Location Description:

Inside maintenance area

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

Two metal Safety-Kleen degreasers, good condition

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed X Characteristic

L Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:
No handling practices recommended since handled by a reliable contractor. Analyze for TCLP metals and TCLP volatiles.

General Comments:
Solution is reused until changed out by Safety-Kleen.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream
[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: AIMD Support Equipment (900) Work Center Contact: AS-3 Brake

Building Number: N-112 Work Center Phone: 873-5093

Work Center Activity Description:

This work center provides scheduled and unscheduled maintenance, performs servicing of fluid systems, cleaning, corrosion removal, touch-up painting, and preservation of support equipment.

Wastestream as Identified in the Scope of Work and Use:

Rags w/Solvent (Safety-Kleen)

TDEC Code: None

Documents Reviewed[1]: M PPP/HW Minimization Plan A HMIS (Safety-Kleen)

NM Part B Permit NM HW Management Plan A MSDS (Safety-Kleen)

NM 1991, NM 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: AIMD900-01
Storage Location Description:

Inside maintenance service area (@ work station)

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

plastic bag

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed X Characteristic

S Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:
Store contaminated rags in a metal container with lid. Collect, clean, and reuse contaminated rags. Analysis recommended for TCLP metals and TCLP volatiles.

General Comments:

When full, the bag is taken to N-12 where it is picked up for disposal.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream
[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: AIMD Support Equipment (900) Work Center Contact: AS-3 Brake

Building Number: N-112 Work Center Phone: 873-5496

Work Center Activity Description:

This work center provides scheduled and unscheduled maintenance, performs servicing of fluid systems, cleaning, corrosion removal, touch-up painting, and preservation of support equipment.

Wastestream as Identified in the Scope of Work and Use:

Waste turbo shaft oil

TDEC Code: 24

Documents Reviewed[1]: M PPP/HW Minimization Plan A HMIS

M Part B Permit M HW Management Plan A MSDS

M 1991, M 1992, M 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: AIMD900-01
Storage Location Description:

Outdoor quansit hut

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

5-gallon metal container, good condition

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed TBD Characteristic

L Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:
Determine if this type of oil can be disposed with regular oil by sending a sample to the recycler for analysis. Analyze for metals, flash point, and total halogens.

General Comments:
When full, the container is taken to N-12 for pickup for disposal.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream
[2]Coding System: TBD — To be Determined by Analysis

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: AIMD Support Equipment (900) Work Center Contact: AS-3 Brake

Building Number: N-112 Work Center Phone: 873-5496

Work Center Activity Description:

This work center provides scheduled and unscheduled maintenance, performs servicing of fluid systems, cleaning, corrosion removal, touch-up painting, and preservation of support equipment.

Wastestream as Identified in the Scope of Work and Use:

Used Oil

TDEC Code: 24

Documents Reviewed[1]: M PPP/HW Minimization Plan M HMIS

M Part B Permit M HW Management Plan M MSDS

M 1991, M 1992, M 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: AIMD900-01
Storage Location Description:

Outside Building N-112 (west side of repair shop)

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

550-gallon UST

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed TBD Characteristic

L Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:
Recycle the used oil. Analyze for metals, flash point, and total halogens.

General Comments:
Used oil is poured in a metal drainage container inside the repair shop. The oil drains into the UST which is measured twice a week and pumped by PW. A log is kept inside for the UST.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: AIMD Support Equipment (900) Work Center Contact: AS-3 Brake

Building Number: N-112 Work Center Phone: 873-5496

Work Center Activity Description:

This work center provides scheduled and unscheduled maintenance, performs servicing of fluid systems, cleaning, corrosion removal, touch-up painting, and preservation of support equipment.

Wastestream as Identified in the Scope of Work and Use:

Used oil filters

(This wastestream was not identified in the scope of work.)

TDEC Code: None

Documents Reviewed[1]: M PPP/HW Minimization Plan NA HMIS

NM Part B Permit NM HW Management Plan NA MSDS

NM 1991, NM 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: AIMD900-01
Storage Location Description:

None

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

None

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed TBD Characteristic

S Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:
Collect and drain the used oil filters, then crush, and recycle the oil and metal. Analysis for TCLP metals and TCLP volatiles.

General Comments:
The oil filters are allowed to drain into the UST until dry, then wiped clean and thrown in the dumpster. If the filters can't get clean, they are taken to N-12 to be picked up for disposal.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream
[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: AIMD Paint Shop (51B)

Work Center Contact: P. O. Dexter

Building Number: N-12

Work Center Phone: 873-5093

Work Center Activity Description:

This work center performs priming, painting, and corrosion control coating of aircraft and miscellaneous non-aircraft support equipment.

Wastestream as Identified in the Scope of Work and Use:

Empty Aerosol Cans from paint operation

TDEC Code: None

Documents Reviewed[1]: A PPP/HW Minimization Plan — A HMIS

NM Part B Permit — NM HW Management Plan — A MSDS

NM 1991, NM 1992, NM 1993 Wastestream Report — NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: AIMD51B-01
Storage Location Description:
Back room in N-12

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

55-gallon metal drums in good condition.

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste — NA Exempt — NA Listed — NA Characteristic

S Physical Characteristic (Solid or Liquid) — NA Special Waste

Recommended Analysis or Handling Practices:
Collect, puncture, and recycle aerosol cans. User knowledge, no analysis recommended.

General Comments:
The cans are bagged and taken to the south side (NAMTRAGRU) to be punctured prior to disposal. The aerosol paint cans are being phased out.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: AIMD Paint Shop (51B) Work Center Contact: P. O. Dexter

Building Number: N-12 Work Center Phone: 873-5093

Work Center Activity Description:

This work center performs priming, painting, and corrosion control coating of aircraft and miscellaneous non-aircraft support equipment.

Wastestream as Identified in the Scope of Work and Use:

Air Filters from paint booth

This wastestream was not identified in the scope of work.
TDEC Code: None

Documents Reviewed[1]: NM PPP/HW Minimization Plan NA HMIS

NM Part B Permit NM HW Management Plan NA MSDS

NM 1991, NM 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: AIMD51B-01
Storage Location Description:
Outdoor AIMD storage area north of N-12

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

55-gallon metal drum in good condition.

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed TBD Characteristic

S Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:
Analyze for TCLP (metals).

General Comments:

When the filters are replaced, they are put in drums which are transported as non-regulated waste to N-1694 when full.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream
[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: AIMD Paint Shop (51B) Work Center Contact: P. O. Dexter

Building Number: N-12 Work Center Phone: 873-5093

Work Center Activity Description:

This work center performs priming, painting, and corrosion control coating of aircraft and miscellaneous non-aircraft support equipment.

Wastestream as Identified in the Scope of Work and Use:

Spent Glass Beads from sanding (corrosion control)

TDEC Code: None

Documents Reviewed[1]: A PPP/HW Minimization Plan NM HMIS

NM Part B Permit NM HW Management Plan NM MSDS

NM 1991, NM 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: AIMD51B-01
Storage Location Description:

Outdoor AIMD HW storage area (aluminum quansit hut, partially covered) north of N-12.

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

One 35-gallon metal drum in good condition.

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed TBD Characteristic

S Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:

Analyze for TCLP (metals).

General Comments:

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: AIMD Paint Shop (51B) Work Center Contact: P.O. Dexter

Building Number: N-12 Work Center Phone: 873-5093

Work Center Activity Description:

This work center performs priming, painting, and corrosion control coating of aircraft and miscellaneous non-aircraft support equipment.

Wastestream as Identified in the Scope of Work and Use:

Empty Paint Cans from paint operation

TDEC Code: None

Documents Reviewed[1]: A PPP/HW Minimization Plan A HMIS

NM Part B Permit NM HW Management Plan A MSDS

NM 1991, NM 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: AIMD51B-01
Storage Location Description:

Back room

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

pan

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed NA Characteristic

S Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:

Collect, drain, crush, and recycle metal container. User knowledge, no analysis recommended.

General Comments:

The empty cans are air dried, then placed in a pan. The HW Branch (N-1694) is contacted for pickup.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: AIMD Paint Shop (51B)

Work Center Contact: P.O. Dexter

Building Number: N-12

Work Center Phone: 873-5093

Work Center Activity Description:

This work center performs priming, painting, and corrosion control coating of aircraft and miscellaneous non-aircraft support equipment.

Wastestream as Identified in the Scope of Work and Use:

Waste Paint (polyurethane and epoxy) mixed with thinner from paint operation

TDEC Code: 11

Documents Reviewed[1]: A PPP/HW Minimization Plan; A HMIS; A Part B Permit; A HW Management Plan; A MSDS; A 1991, A 1992, A 1993 Wastestream Report; A 1991, A 1992, A 1993 Waste Profile Sheet

Process ID Number: AIMD51B-01
Storage Location Description:

Back Room

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

55-gallon metal drum in good condition inside secondary containment tray with walls approximately 5 inches high.

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste; NA Exempt; NA Listed; TBD Characteristic

L Physical Characteristic (Solid or Liquid); NA Solid Waste

Recommended Analysis or Handling Practices:
The waste stream should be analyzed for flash point, TCLP (metals), and volatiles.

General Comments:

Transported by HW Branch to N-1694

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: AIMD Paint Shop (51B)

Work Center Contact: P. O. Dexter

Building Number: N-12

Work Center Phone: 873-5093

Work Center Activity Description:

This work center performs priming, painting, and corrosion control coating of aircraft and miscellaneous non-aircraft support equipment.

Wastestream as Identified in the Scope of Work and Use:

Rags w/Paint from paint operation

TDEC Code: None

Documents Reviewed[1]: A PPP/HW Minimization Plan — A HMIS

NM Part B Permit — NM HW Management Plan — A MSDS

NM 1991, NM 1992, NM 1993 Wastestream Report — NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: AIMD51B-01

Storage Location Description:

AIMD outdoor storage area

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

55-gallon metal drum in good condition. The rags are not bagged.

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste — NA Exempt — NA Listed — TBD Characteristic

S Physical Characteristic (Solid or Liquid) — NA Special Waste

Recommended Analysis or Handling Practices:

Collect, clean, and reuse contaminated rags. Avoid cross contamination with other waste streams. Analyze for TCLP (metals and volatiles).

General Comments:

Rags are put in the drum in outdoor storage area after used, then transported to N-1694 for disposal as non-regulated waste.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: AIMD Paint Shop (51B) Work Center Contact: P.O. Dexter

Building Number: N-12 Work Center Phone: 873-5093

Work Center Activity Description:

This work center performs priming, painting, and corrosion control coating of aircraft and miscellaneous non-aircraft support equipment.

Wastestream as Identified in the Scope of Work and Use:

Rags w/stripper

TDEC Code: 15

Documents Reviewed[1]: M PPP/HW Minimization Plan A HMIS

NM Part B Permit NM HW Management Plan A MSDS

M 1991, M 1992, M 1993 Wastestream Report NM 1991, NM 1992, M 1993 Waste Profile Sheet

Process ID Number: AIMD51B-01
Storage Location Description:

Outdoor AIMD HW storage area (aluminum quansit hut, partially covered) north of N-12.

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

Three 25-gallon metal drums in good condition.

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt X Listed TBD Characteristic

S Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:

Do not combine stripper rags with paint and petroleum contaminated rags. Analyze for TCLP metals and volatiles. Stripper is methylene chloride.

General Comments:

The stripper rags are transported to N-1694 as hazardous waste.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: AIMD Paint Shop (51B) Work Center Contact: P. O. Dexter

Building Number: N-12 Work Center Phone: 873-5093

Work Center Activity Description:

This work center performs priming, painting, and corrosion control coating of aircraft and miscellaneous non-aircraft support equipment.

Wastestream as Identified in the Scope of Work and Use:

Rinse Water/Stripper generated from cleaning the stripper and dip tank.

TDEC Code: 15

Documents Reviewed[1]: A PPP/HW Minimization Plan M HMIS

NM Part B Permit M HW Management Plan M MSDS

M 1991, M 1992, M 1993 Wastestream Report NM 1991, NM 1992, M 1993 Waste Profile Sheet

Process ID Number: AIMD51B-01
Storage Location Description:

Outdoor AIMD HW storage area (aluminum quansit hut, partially covered) north of N-12.

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

One 55-gallon and two 30-gallon metal drums in good condition; labelled "methylene chloride"

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt X Listed TBD Characteristic

L Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:

Analyze for flash point and volatiles

General Comments:

The drums are awaiting pickup by the HW Branch.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: AIMD Avionics (600) Work Center Contact: P. O. Dexter

Building Number: N-126 Work Center Phone: 873-5093

Work Center Activity Description:

This work center provides scheduled and unscheduled maintenance (i.e., test, service, clean, and retest) all electronic equipment on the P-3 aircraft.

Wastestream as Identified in the Scope of Work and Use:

Rags w/flux, lubricants, grease, or alcohol

TDEC Code: None

Documents Reviewed[1]: M PPP/HW Minimization Plan A HMIS (grease etc.)

NM Part B Permit NM HW Management Plan A MSDS (grease etc.)

NM 1991, NM 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: AIMD600-01
Storage Location Description:

Outdoor AIMD HW storage area (aluminum quansit hut, partially covered) north of N-12.

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

25-gallon metal drum in good condition

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed TBD Characteristic

S Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:

Collect, clean, and reuse contaminated rags. Analyze for TCLP metals and TCLP volatiles.

General Comments:

When rags are generated, they are bagged and transported to N-12.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: Security Armory

Work Center Contact: GMG2 Hull

Building Number: S-159

Work Center Phone: 873-5665

Work Center Activity Description:

This work center provides preventive maintenance (i.e., disassemble, clean, and reassemble) hand held weapons.

Wastestream as Identified in the Scope of Work and Use:
Miscellaneous cotton pieces (cotton swabs and cotton patches) w/ VVL-800 oil(9150-00-273-2389)

TDEC Code: None

Documents Reviewed[1]: M PPP/HW Minimization Plan; M HMIS(oil)

NM Part B Permit; NM HW Management Plan; M MSDS(oil)

NM 1991, NM 1992, NM 1993 Wastestream Report; NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: AOARMORY-01
Storage Location Description:

stored inside building in a secured area

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

10-gallon metal drums, good condition

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste; NA Exempt; NA Listed; NA Characteristic

S Physical Characteristic (Solid or Liquid); NA Special Waste

Recommended Analysis or Handling Practices:

Accumulate cotton swabs and patches separate from rags. User knowledge, no analysis recommended.

General Comments:
When full, a 1348 is completed and the drum is transferred to N-1694. These materials are also stored with the rags contaminated with VVL-800.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: Security Armory

Work Center Contact: GMG2 Hull

Building Number: S-159

Work Center Phone: 873-5665

Work Center Activity Description:

This work center provides preventive maintenance (i.e., disassemble, clean, and reassemble) hand held weapons.

Wastestream as Identified in the Scope of Work and Use:
Rags w/ VVL-800 oil

TDEC Code: None

Documents Reviewed[1]: M PPP/HW Minimization Plan M HMIS (oil)

NM Part B Permit NM HW Management Plan NM MSDS

NM 1991, NM 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: AOARMORY-01
Storage Location Description:

stored inside building in a secured area

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

10-gallon metal drums, good condition

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed NA Characteristic

S Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:

User knowledge, no analysis recommended.

General Comments:
Drum is transported to N-1694 when full.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: Security Armory

Work Center Contact: GMG2 Hull

Building Number: S-159

Work Center Phone: 873-5665

Work Center Activity Description:

This work center provides preventive maintenance (i.e., disassemble, clean, and reassemble) hand held weapons.

Wastestream as Identified in the Scope of Work and Use:
Empty VVL-800 oil container

TDEC Code: None

Documents Reviewed[1]: NM PPP/HW Minimization Plan NA HMIS

NM Part B Permit NM HW Management Plan NA MSDS

NM 1991, NM 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: AOARMORY-01
Storage Location Description:

None

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

1 qt container, good condition

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed NA Characteristic

S Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:

User knowledge, no recommended analysis. When the container is emptied, drain until dry; if possible wipe clean prior to disposal of container.

General Comments:
It takes several years to use up the 1-qt container. The armory has not had to dispose of an empty container yet.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: Air Ops OE02-Comm

Work Center Contact: ET2 Kile

Building Number: N-106

Work Center Phone: 873-5157

Work Center Activity Description:

This work center provides electronic equipment cleaning and maintenance of communications, landing flight systems and weather gear.

Wastestream as Identified in the Scope of Work and Use:
Empty aerosol cans generated from repairing circuit cards

TDEC Code: None

Documents Reviewed[1]: A PPP/HW Minimization Plan A HMIS

NM Part B Permit NM HW Management Plan A MSDS

NM 1991, NM 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: AOOE02-01
Storage Location Description:

Work area

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

Flammable metal cabinet

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed NA Characteristic

S Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:
Collect, puncture, and recycle aerosol cans. User knowledge, no analysis recommended.

General Comments:
The cans are punctured, dried and disposed.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: Air Ops OE02-Comm

Work Center Contact: ET2 Kile

Building Number: N-106

Work Center Phone: 873-5157

Work Center Activity Description:

This work center provides electronic equipment cleaning and maintenance of communications, landing flight systems and weather gear.

Wastestream as Identified in the Scope of Work and Use:
Paper Towels w/Alcohol generated from cleaning faulty circuit cards.

TDEC Code: None

Documents Reviewed[1]: A PPP/HW Minimization Plan NA HMIS

NM Part B Permit NM HW Management Plan NA MSDS

NM 1991, NM 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: AOOE02-01
Storage Location Description:

None

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

None

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed NA Characteristic

S Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:

Throw paper towels in the trash after the alcohol has evaporated. User knowledge, no analysis recommended.

General Comments:
Allowed to dry and are thrown away.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: Air Ops OE02-Comm

Work Center Contact: ET2 Kile

Building Number: N-106

Work Center Phone: 873-5157

Work Center Activity Description:

This work center provides electronic equipment cleaning and maintenance of communications, landing flight systems and weather gear.

Wastestream as Identified in the Scope of Work and Use:
Empty product cans generated from maintenance on circuit cards. (This wastestream was not identified in the scope of work for this work center.)

TDEC Code: None

Documents Reviewed[1]: M PPP/HW Minimization Plan A HMIS

NM Part B Permit NM HW Management Plan A MSDS

NM 1991, NM 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: AOOE02-01
Storage Location Description:

Work area

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

Flammable metal cabinet

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed NA Characteristic

S Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:

The empty containers should be collected, drained, crushed, and recycled. User knowledge, no analysis recommended.

General Comments:
Taken to T-line (by hand) for disposal.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: Air Ops OE02-Comm

Work Center Contact: ET2 Kile

Building Number: N-106

Work Center Phone: 873-5157

Work Center Activity Description:

This work center provides electronic equipment cleaning and maintenance of communications, landing flight systems and weather gear.

Wastestream as Identified in the Scope of Work and Use:
Rags w/alcohol generated from cleaning faulty circuit cards. (This wastestream was not identified in the scope of work for this work center.)

TDEC Code: None

Documents Reviewed[1]: NM PPP/HW Minimization Plan NA HMIS

NM Part B Permit NM HW Management Plan NA MSDS

NM 1991, NM 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: AOOE02-01
Storage Location Description:

Work area

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

15-gallon metal drum, good condition

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed NA Characteristic

S Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:

Collect, air dry, clean and reuse contaminated rags. Avoid cross contamination with other waste streams. User knowledge, no analysis recommended.

General Comments:
When the drum is full, the rags are bagged in plastic and taken to T-Line.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: Air Ops OE05-Radar

Work Center Contact: ET2 Kile

Building Number: N-106

Work Center Phone: 873-5157

Work Center Activity Description:

This work center services (i.e., clean and solder), troubleshoots, and repairs radar electronic equipment.

Wastestream as Identified in the Scope of Work and Use:
Empty aerosol cans generated from repair of radar electronic equipment. (This wastestream was not identified in the scope of work for this work center.)

TDEC Code: None

Documents Reviewed[1]: M PPP/HW Minimization Plan A HMIS

NM Part B Permit NM HW Management Plan A MSDS

NM 1991, NM 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: AOOE05-01
Storage Location Description:

Work area

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

Flammable metal cabinet, good condition

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed NA Characteristic

S Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:

Collect, puncture, and recycle aerosol cans. User knowledge, no analysis recommended.

General Comments:
The cans are punctured, dried and disposed (thrown away)

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: Air Ops OE05-Radar

Work Center Contact: ET2 Kile

Building Number: N-106

Work Center Phone: 873-5157

Work Center Activity Description:

This work center services (i.e., clean and solder), troubleshoots, and repairs radar electronic equipment.

Wastestream as Identified in the Scope of Work and Use:
Empty product cans generated from repair of radar electronic equipment. (This wastestream was not identified in the scope of work for this work center).

TDEC Code: None

Documents Reviewed[1]: M PPP/HW Minimization Plan A HMIS

NM Part B Permit NM HW Management Plan A MSDS

NM 1991, NM 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: AOOE05-01
Storage Location Description:

Work area

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

Flammable metal cabinet, good condition

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed NA Characteristic

S Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:

Collect, drain, crush, and recycle metal containers. User knowledge, no analysis recommended.

General Comments:
Taken to T-Line (by hand) for disposal

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: Air Ops OE05-Radar

Work Center Contact: ET2 Kile

Building Number: N-106

Work Center Phone: 873-5157

Work Center Activity Description:

This work center services (i.e., clean and solder), troubleshoots, and repairs radar electronic equipment.

Wastestream as Identified in the Scope of Work and Use:
Paper towels w/alcohol generated from repair of radar electronic equipment

TDEC Code: None

Documents Reviewed[1]: M PPP/HW Minimization Plan NA HMIS

NM Part B Permit NM HW Management Plan NA MSDS

NM 1991, NM 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: AOOE05-01
Storage Location Description:

None

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

None

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed NA Characteristic

S Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:

Throw paper towels in the trash after the alcohol has evaporated. User knowledge, no analysis recommended.

General Comments:
Allowed to dry and are thrown away.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: Air Ops OE05-Radar

Work Center Contact: ET2 Kile

Building Number: N-106

Work Center Phone: 873-5157

Work Center Activity Description:

This work center services (i.e., clean and solder), troubleshoots, and repairs radar electronic equipment.

Wastestream as Identified in the Scope of Work and Use:
Rags w/alcohol generated from repair of radar electronic equipment. (This wastestream was not identified in the scope of work for this work center).

TDEC Code: None

Documents Reviewed[1]: NM PPP/HW Minimization Plan NA HMIS

NM Part B Permit NM HW Management Plan NA MSDS

NM 1991, NM 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: AOOE05-01
Storage Location Description:

Work area

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

15-gallon metal drum, good condition

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed NA Characteristic

S Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:

Collect, air dry, clean, and reuse contaminated rags. Avoid cross contamination from other waste streams. User knowledge, no analysis recommended.

General Comments:
When drum is full, the rags are bagged and taken to T-Line for disposal.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: Air Ops T-Line

Work Center Contact: P.O. Hubbard

Building Number: N-4

Work Center Phone: 873-5686

Work Center Activity Description:

This work center provides fuel, oil, service, maintenance, and testing of arresting gear and transient aircraft.

Wastestream as Identified in the Scope of Work and Use:

Rags/brushes contaminated with Gaco (8030-00-182-6460) used to put on runway tape to keep from wearing off.

TDEC Code: None

Documents Reviewed[1]: NM PPP/HW Minimization Plan A HMIS

NM Part B Permit NM HW Management Plan A MSDS

NM 1991, NM 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: AOTLINE-01
Storage Location Description:

Locked, outdoor, enclosed metal storage building

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

10-gallon metal drum, good condition

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed X Characteristic

S Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:

User knowledge, no analysis recommended.

General Comments:

HW Branch transports the drum to Building N-1694

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: Air Ops T-Line

Work Center Contact: P.O. Hubbard

Building Number: N-4

Work Center Phone: 873-5686

Work Center Activity Description:

This work center provides fuel, oil, service, maintenance, and testing of arresting gear and transient aircraft.

Wastestream as Identified in the Scope of Work and Use:

Rags/brushes contaminated with Gri-Kote (8030-00-244-1299) used on CDP rope to prevent rust.

TDEC Code: None

Documents Reviewed[1]: NM PPP/HW Minimization Plan A HMIS

NM Part B Permit NM HW Management Plan A MSDS

NM 1991, NM 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: AOTLINE-01
Storage Location Description:

Locked, outdoor, enclosed metal storage building

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

10-gallon metal drum, good condition

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed NA Characteristic

S Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:

User knowledge, no analysis recommended.

General Comments:

HW Branch transports the drum to Building N-1694

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: Air Ops T-Line

Work Center Contact: P.O. Hubbard

Building Number: N-4

Work Center Phone: 873-5686

Work Center Activity Description:

This work center provides fuel, oil, service, maintenance, and testing of arresting gear and transient aircraft.

Wastestream as Identified in the Scope of Work and Use:
hydraulic fluid (transmission fluid)
Names are used interchangeably

TDEC Code: None

Documents Reviewed[1]: M PPP/HW Minimization Plan A HMIS

M Part B Permit M HW Management Plan A MSDS

NM 1991, NM 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: AOTLINE-01
Storage Location Description:

Locked, outdoor, enclosed metal storage building

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

55-gallon metal drum, good condition with a metal pan for secondary containment

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed TBD Characteristic

L Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:

Recycle; handle in accordance with 40 CFR 279. Analyze for metals, flash point, and total halogens.

General Comments:

HW Branch pumps waste from drums

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: Air Ops T-Line

Work Center Contact: P.O. Hubbard

Building Number: N-4

Work Center Phone: 873-5686

Work Center Activity Description:

This work center provides fuel, oil, service, maintenance, and testing of arresting gear and transient aircraft.

Wastestream as Identified in the Scope of Work and Use:

JP-5 generated from servicing aircraft

TDEC Code: 43

Documents Reviewed[1]: A PPP/HW Minimization Plan A HMIS

M Part B Permit M HW Management Plan A MSDS

M 1991, M 1992, M 1993 Wastestream Report NM 1991, NM 1992, A 1993 Waste Profile Sheet

Process ID Number: AOTLINE-01
Storage Location Description:

Locked, outdoor, enclosed metal storage building

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

55-gallon metal drum, good condition with a metal pan for secondary containment

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed X Characteristic

L Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:

Collect, test, and use JP-5 fuel not suitable for aircraft in diesel driven equipment. Handle in accordance with 40 CFR 279. Analyze for flash point, metals, and total halogens.

General Comments:

HW Branch transports the drum to Building N-1694

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: Air Ops T-Line

Work Center Contact: P.O. Hubbard

Building Number: N-4

Work Center Phone: 873-5686

Work Center Activity Description:

This work center provides fuel, oil, service, maintenance, and testing of arresting gear and transient aircraft.

Wastestream as Identified in the Scope of Work and Use:

Waste engine oil
(This wastestream was not identified in the scope of work for this work center).

TDEC Code: 24

Documents Reviewed[1]: A PPP/HW Minimization Plan A HMIS

M Part B Permit A HW Management Plan A MSDS

M 1991, M 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: AOTLINE-01
Storage Location Description:

Locked, outdoor, enclosed metal storage building

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

55-gallon metal drum, good condition. Secondary containment consists of a metal pan.

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed X Characteristic

L Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:

Handle in accordance with 40 CFR 279. Sample to verify the chemical composition; recycle if possible. Analyze for metals, flash point, and total halogens.

General Comments:

HW Branch pumps out the drum

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: Air Ops T-Line

Work Center Contact: P.O. Hubbard

Building Number: N-4

Work Center Phone: 873-5686

Work Center Activity Description:

This work center provides fuel, oil, service, maintenance, and testing of arresting gear and transient aircraft.

Wastestream as Identified in the Scope of Work and Use:

Waste PD-680 solvent
(This wastestream was not identified in the scope of work for this work center).

TDEC Code: 10

Documents Reviewed[1]: A PPP/HW Minimization Plan A HMIS

A Part B Permit A HW Management Plan A MSDS

M 1991, M 1992, M 1993 Wastestream Report NM 1991, NM 1992, A 1993 Waste Profile Sheet

Process ID Number: AOTLINE-01
Storage Location Description:

Locked, outdoor, enclosed metal storage building

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

35-gallon metal drum, good condition

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed X Characteristic

L Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:

Recycle the waste solvent. Analyze for flash point, total halogens, and metals.

General Comments:

No secondary containment; positioned on top of a garbage can lid. HW Branch transports the drum to Building N-1694.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: Air Ops T-Line

Work Center Contact: P.O. Hubbard

Building Number: N-4

Work Center Phone: 873-5686

Work Center Activity Description:

This work center provides fuel, oil, service, maintenance, and testing of arresting gear and transient aircraft.

Wastestream as Identified in the Scope of Work and Use:

Rags with oil, solvent, and grease

TDEC Code: None

Documents Reviewed[1]: M PPP/HW Minimization Plan NA HMIS

NM Part B Permit NM HW Management Plan NA MSDS

NM 1991, NM 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: AOTLINE-01
Storage Location Description:

Locked, outdoor, enclosed metal storage building

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

Two 55-gallon metal drums, good condition

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed TBD Characteristic

S Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:

The solvent rags should be stored in a separate drum from the oil and grease rags. The contaminated rags should be collected, cleaned, and reused. Analyze for TCLP metals and TCLP volatiles.

General Comments:

HW Branch transports the drum to Building N-1694

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: CBU Carpentry

Work Center Contact: P. O. Hall

Building Number: S-765

Work Center Phone: 873-5212

Work Center Activity Description:

This work center performs roof repair, building modification, wood working projects and other carpentry work as required.

Wastestream as Identified in the Scope of Work and Use:

Empty aerosol cans (i.e., paint)

TDEC Code: None

Documents Reviewed[1]: A PPP/HW Minimization Plan; A HMIS

NM Part B Permit; NM HW Management Plan; A MSDS

NM 1991, NM 1992, NM 1993 Wastestream Report; NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: CBUCARP-01
Storage Location Description:
Bldg. S-1703

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

metal cans of various sizes (i.e., 10.5 oz, 16 oz)

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste; NA Exempt; NA Listed; NA Characteristic

S Physical Characteristic (Solid or Liquid); NA Special Waste

Recommended Analysis or Handling Practices:

Collect, puncture, and recycle aerosol cans. User knowledge, no analysis recommended.

General Comments:
The aerosol cans are punctured, bagged, and trashed.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: CBU Carpentry

Work Center Contact: P. O. Hall

Building Number: S-765

Work Center Phone: 873-5212

Work Center Activity Description:

This work center performs roof repair, building modification, wood working projects and other carpentry work as required.

Wastestream as Identified in the Scope of Work and Use:

Asbestos

TDEC Code: None

Documents Reviewed[1]: NM PPP/HW Minimization Plan NA HMIS

NM Part B Permit M HW Management Plan NA MSDS

NM 1991, NM 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: Not discussed in PPP.
Storage Location Description:
None

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

plastic bags

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed NA Characteristic

S Physical Characteristic (Solid or Liquid) X Special Waste

Recommended Analysis or Handling Practices:

Perform bulk analysis.

General Comments:
As soon as the asbestos is taken down, it is double bagged and placed in the BFI asbestos dumpster.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: CBU C Company Projects

Work Center Contact: P. O. Hall

Building Number: S-450

Work Center Phone: 873-5212

Work Center Activity Description:

This work center performs remodeling of existing living space.

Wastestream as Identified in the Scope of Work and Use:

Empty adhesive containers

TDEC Code: 57

Documents Reviewed[1]: M PPP/HW Minimization Plan; A HMIS

NM Part B Permit; NM HW Management Plan; A MSDS

NM 1991, NM 1992, NM 1993 Wastestream Report; NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: CBUBEQ-01
Storage Location Description:
Inside S-1703

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:
Plastic bag

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste; NA Exempt; NA Listed; NA Characteristic

S Physical Characteristic (Solid or Liquid); NA Special Waste

Recommended Analysis or Handling Practices:

User knowledge, no analysis recommended.

General Comments:
The empty adhesive containers are air dried, overpacked, and picked up by the HW Branch (N-1694).

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: CBU Mechanics

Work Center Contact: P. O. Hall

Building Number: S-766

Work Center Phone: 873-5212

Work Center Activity Description:

This work center performs the rebuilding of major and minor components, welding, cutting, grinding, tire changing, minor corrosion prevention, and painting of assigned equipment.

Wastestream as Identified in the Scope of Work and Use:

Waste absorbent contaminated with oil, fluid, etc.

TDEC Code: None

Documents Reviewed[1]: M PPP/HW Minimization Plan; A HMIS (oil, etc.)

NM Part B Permit; NM HW Management Plan; A MSDS (oil, etc.)

NM 1991, NM 1992, NM 1993 Wastestream Report; NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: CBUMECH-01
Storage Location Description:

satellite accumulation area inside Building S-766

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

55-gallon metal drum in good condition

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste; NA Exempt; NA Listed; TBD Characteristic

S Physical Characteristic (Solid or Liquid); NA Special Waste

Recommended Analysis or Handling Practices:

Analyze for TCLP metals and TCLP volatiles.

General Comments:
The used absorbent is placed in a 55-gallon drum, then picked up by the HW Branch (N-1694).

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: CBU Mechanics

Work Center Contact: P. O. Hall

Building Number: S-766

Work Center Phone: 873-5212

Work Center Activity Description:

This work center performs the rebuilding of major and minor components, welding, cutting, grinding, tire changing, minor corrosion prevention, and painting of assigned equipment.

Wastestream as Identified in the Scope of Work and Use:

Empty alcohol cans

TDEC Code: None

Documents Reviewed[1]: M PPP/HW Minimization Plan — A HMIS (alcohol)

NM Part B Permit — NM HW Management Plan — A MSDS (alcohol)

NM 1991, NM 1992, NM 1993 Wastestream Report — NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: CBUMECH-01
Storage Location Description:

None

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

plastic

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste — NA Exempt — NA Listed — NA Characteristic

S Physical Characteristic (Solid or Liquid) — NA Special Waste

Recommended Analysis or Handling Practices:

User knowledge, no analysis recommended.

General Comments:
The empty cans are air dried, then thrown away.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: CBU Mechanics

Work Center Contact: P. O. Hall

Building Number: S-766

Work Center Phone: 873-5212

Work Center Activity Description:

This work center performs the rebuilding of major and minor components, welding, cutting, grinding, tire changing, minor corrosion prevention, and painting of assigned equipment.

Wastestream as Identified in the Scope of Work and Use:

Used Antifreeze

TDEC Code: None

Documents Reviewed[1]: A PPP/HW Minimization Plan; A HMIS; NM Part B Permit; NM HW Management Plan; A MSDS; A 1991, A 1992, NM 1993 Wastestream Report; NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: CBUMECH-01
Storage Location Description:

satellite accumulation area inside Building S-766

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

20-gallon metal drum in good condition

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste; X Exempt; NA Listed; TBD Characteristic

L Physical Characteristic (Solid or Liquid); NA Special Waste

Recommended Analysis or Handling Practices:

Collect and recycle antifreeze. Analyze for TCLP metals.

General Comments:
The used antifreeze goes into the sanitary sewer.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: CBU Mechanics

Work Center Contact: P. O. Hall

Building Number: S-766

Work Center Phone: 873-5212

Work Center Activity Description:

This work center performs the rebuilding of major and minor components, welding, cutting, grinding, tire changing, minor corrosion prevention, and painting of assigned equipment.

Wastestream as Identified in the Scope of Work and Use:

Empty Metal Containers (i.e., oil)

TDEC Code: None

Documents Reviewed[1]:

M PPP/HW Minimization Plan

A HMIS (oil, etc.)

NM Part B Permit

NM HW Management Plan

A MSDS (oil, etc.)

NM 1991, NM 1992, NM 1993 Wastestream Report

NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: CBUMECH-01
Storage Location Description:
Inside S-1703

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

metal cans, various sizes

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste

NA Exempt

NA Listed

NA Characteristic

S Physical Characteristic (Solid or Liquid)

NA Special Waste

Recommended Analysis or Handling Practices:
Collect, drain, crush, and recycle metal containers. User knowledge, no analysis recommended.

General Comments:
The empty containers are picked up by the HW Branch and triple rinsed, then returned to the Seebee compound where they are crushed and thrown away.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: CBU Mechanics

Work Center Contact: P. O. Hall

Building Number: S-766

Work Center Phone: 873-5212

Work Center Activity Description:

This work center performs the rebuilding of major and minor components, welding, cutting, grinding, tire changing, minor corrosion prevention, and painting of assigned equipment.

Wastestream as Identified in the Scope of Work and Use:

Empty grease tubes (9150-01-015-1542)

TDEC Code: None

Documents Reviewed[1]: NM PPP/HW Minimization Plan; A HMIS

NM Part B Permit; NM HW Management Plan; A MSDS

NM 1991, NM 1992, NM 1993 Wastestream Report; NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: CBUMECH-01
Storage Location Description:

satellite accumulation area inside Building S-766

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

20-gallon metal drum in good condition

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste; NA Exempt; NA Listed; NA Characteristic

S Physical Characteristic (Solid or Liquid); NA Special Waste

Recommended Analysis or Handling Practices:

User knowledge, no analysis recommended.

General Comments:
The grease tubes are accumulated in plastic bags, drummed, then picked up by the HW Branch (N-1694).

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: CBU Mechanics

Work Center Contact: P. O. Hall

Building Number: S-766

Work Center Phone: 873-5212

Work Center Activity Description:

This work center performs the rebuilding of major and minor components, welding, cutting, grinding, tire changing, minor corrosion prevention, and painting of assigned equipment.

Wastestream as Identified in the Scope of Work and Use:

Rags w/Oil

TDEC Code: None

Documents Reviewed[1]:

A PPP/HW Minimization Plan	A HMIS	
NM Part B Permit	NM HW Management Plan	A MSDS
NM 1991, NM 1992, NM 1993 Wastestream Report	NM 1991, NM 1992, NM 1993 Waste Profile Sheet	

Process ID Number: CBUMECH-01
Storage Location Description:

satellite accumulation area inside Building S-766

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

10-gallon red metal drum in good condition

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste	NA Exempt	NA Listed	TBD Characteristic
S Physical Characteristic (Solid or Liquid)	NA Special Waste		

Recommended Analysis or Handling Practices:
Collect, clean, and reuse contaminated rags. Avoid cross contamination with other waste streams. Analyze for TCLP metals and TCLP volatiles.

General Comments:
Oily rags are also stored in 70 gallon drum in fenced, enclosed storage compound with roof.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: CBU Mechanics

Work Center Contact: P. O. Hall

Building Number: S-766

Work Center Phone: 873-5212

Work Center Activity Description:

This work center performs the rebuilding of major and minor components, welding, cutting, grinding, tire changing, minor corrosion prevention, and painting of assigned equipment.

Wastestream as Identified in the Scope of Work and Use:

Paint cans

TDEC Code: None

Documents Reviewed[1]:

A PPP/HW Minimization Plan

A HMIS

NM Part B Permit

NM HW Management Plan

A MSDS

NM 1991, NM 1992, NM 1993 Wastestream Report

NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: CBUMECH-02
Storage Location Description:
Bldg. S-1703

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

1 and 5-gallon metal cans

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste

NA Exempt

NA Listed

NA Characteristic

S Physical Characteristic (Solid or Liquid)

NA Special Waste

Recommended Analysis or Handling Practices:
Collect, drain, crush, and recycle empty paint cans. User knowledge, no analysis recommended.

General Comments:
The empty paint cans are air dried (if latex), bagged and crushed. Unusable paint (i.e., frozen) is taken to the HW Building (N-1694).

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: CBU Mechanics

Work Center Contact: P. O. Hall

Building Number: S-766

Work Center Phone: 873-5212

Work Center Activity Description:

This work center performs the rebuilding of major and minor components, welding, cutting, grinding, tire changing, minor corrosion prevention, and painting of assigned equipment.

Wastestream as Identified in the Scope of Work and Use:

Used Transmission Fluid (Dextron)

TDEC Code: None

Documents Reviewed[1]:

A PPP/HW Minimization Plan

A HMIS

M Part B Permit

A HW Management Plan

A MSDS

NM 1991, NM 1992, NM 1993 Wastestream Report

NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: CBUMECH-01

Storage Location Description:

satellite accumulation area inside Building S-766

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

55-gallon metal drum (good condition) sitting in metal pan with absorbent

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste

NA Exempt

NA Listed

TBD Characteristic

L Physical Characteristic (Solid or Liquid)

NA Special Waste

Recommended Analysis or Handling Practices:
Recycle the used transmission fluid. Handle in accordance with 40 CFR 279. Analyze for metals, flash point, and total halogens.

General Comments:

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: CBU Mechanics

Work Center Contact: P. O. Hall

Building Number: S-766

Work Center Phone: 873-5212

Work Center Activity Description:

This work center performs the rebuilding of major and minor components, welding, cutting, grinding, tire changing, minor corrosion prevention, and painting of assigned equipment.

Wastestream as Identified in the Scope of Work and Use:

Thinner

TDEC Code: 11

Documents Reviewed[1]:

A PPP/HW Minimization Plan

A HMIS

NM Part B Permit

M HW Management Plan

A MSDS

M 1991, M 1992, M 1993 Wastestream Report

NM 1991, NM 1992, A 1993 Waste Profile Sheet

Process ID Number: CBUMECH-02
Storage Location Description:
Bldg. S-1703

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

5-gallon metal can

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste

NA Exempt

NA Listed

TBD Characteristic

L Physical Characteristic (Solid or Liquid)

NA Special Waste

Recommended Analysis or Handling Practices:

Analyze for flash point if user knowledge cannot be used.

General Comments:
The cans of thinner are overpacked, then picked up by the HW Branch (N-1694).

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: CBU Mechanics

Work Center Contact: P. O. Hall

Building Number: S-766

Work Center Phone: 873-5212

Work Center Activity Description:

This work center performs the rebuilding of major and minor components, welding, cutting, grinding, tire changing, minor corrosion prevention, and painting of assigned equipment.

Wastestream as Identified in the Scope of Work and Use:

Used Oil

TDEC Code: None

Documents Reviewed[1]:

A PPP/HW Minimization Plan		A HMIS
M Part B Permit	A HW Management Plan	A MSDS
NM 1991, M 1992, M 1993 Wastestream Report		NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: CBUMECH-01

Storage Location Description:

satellite accumulation area inside Building S-766

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

55-gallon metal drum (with rust) sitting in metal pan with absorbent

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste	NA Exempt	NA Listed	TBD Characteristic
L Physical Characteristic (Solid or Liquid)		NA Special Waste	

Recommended Analysis or Handling Practices:

Handle in accordance with 40 CFR 279. Analyze for metals, flash point, and total halogens.

General Comments:

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: CBU Mechanics

Work Center Contact: P. O. Hall

Building Number: S-766

Work Center Phone: 873-5212

Work Center Activity Description:

This work center performs the rebuilding of major and minor components, welding, cutting, grinding, tire changing, minor corrosion prevention, and painting of assigned equipment.

Wastestream as Identified in the Scope of Work and Use:

Used Oil Filters

TDEC Code: None

Documents Reviewed[1]:

A PPP/HW Minimization Plan

NA HMIS

NM Part B Permit

NM HW Management Plan

NA MSDS

NM 1991, NM 1992, NM 1993 Wastestream Report

NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: CBUMECH-01

Storage Location Description:

satellite accumulation area inside Building S-766

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

30-gallon metal Safety-Kleen drum in good condition

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste

NA Exempt

NA Listed

TBD Characteristic

S Physical Characteristic (Solid or Liquid)

NA Special Waste

Recommended Analysis or Handling Practices:
Collect and drain used oil filters, crush and recycle the oil and metal. Analyze for TCLP metals and TCLP volatiles.

General Comments:
The filters are drained in the 55-gallon waste oil drum, then placed in the 30-gallon drum for pickup by Safety-Kleen.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: CBU Self-Help

Work Center Contact: P. O. Hall

Building Number: S-231

Work Center Phone: 873-5212

Work Center Activity Description:

This work center allows tenants to obtain the materials necessary to perform minor maintenance.

Wastestream as Identified in the Scope of Work and Use:

Empty latex paint cans

TDEC Code: None

Documents Reviewed[1]: A PPP/HW Minimization Plan — A HMIS(paint)

NM Part B Permit — M HW Management Plan — A MSDS(paint)

NM 1991, NM 1992, NM 1993 Wastestream Report — NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: Not discussed in PPP.
Storage Location Description:
Bldg. S-231

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

paint cans of various sizes (i.e., 1 gal, 5 gal)

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste — NA Exempt — NA Listed — NA Characteristic

S Physical Characteristic (Solid or Liquid) — NA Special Waste

Recommended Analysis or Handling Practices:

Collect, drain, crush, and recycle metal cans. User knowledge, no analysis recommended.

General Comments:
The empty cans are dried and crushed.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: Dental

Work Center Contact: P.O. Francis

Building Number: S-771

Work Center Phone: 873-5361

Work Center Activity Description:

This work center performs dental work on base personnel, dental equipment maintenance, and dental lab services.

Wastestream as Identified in the Scope of Work and Use:

Empty aerosol cans (i.e., cleaning and lubricating compound 6520-00-241-3559)

TDEC Code: None

Documents Reviewed[1]: A PPP/HW Minimization Plan — A HMIS

NM Part B Permit — NM HW Management Plan — A MSDS

NM 1991, NM 1992, NM 1993 Wastestream Report — NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: DENTAL-01
Storage Location Description:

Room 173

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

plastic lined box

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste — NA Exempt — NA Listed — NA Characteristic

S Physical Characteristic (Solid or Liquid) — NA Special Waste

Recommended Analysis or Handling Practices:

Collect, puncture, and recycle aerosol cans. User knowledge, no analysis recommended.

General Comments:
The empty aerosol cans are accumulated in a plastic lined box if they are in good condition. When full, the bag is taken out of the box and transported to HW Branch (N-1694). If damaged, (i.e., cap missing) the cans are punctured.

The cans are logged by P.O. Francis. Personnel have to turn in an empty can to get another can; therefore, all cans are accounted for.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: Dental

Work Center Contact: P.O. Francis

Building Number: S-771

Work Center Phone: 873-5361

Work Center Activity Description:

This work center performs dental work on base personnel, dental equipment maintenance, and dental lab services.

Wastestream as Identified in the Scope of Work and Use:

Amalgam; mercury/silver capsule used to make dental fillings
(This wastestream was not identified in the scope of work.)

TDEC Code: 38

Documents Reviewed[1]:

NM PPP/HW Minimization Plan

NA HMIS

M Part B Permit

NM HW Management Plan

A MSDS (Kerr Manufacturing Co.)

NM 1991, NM 1992, NM 1993 Wastestream Report

NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: DENTAL-01
Storage Location Description:
Stored in Building S-771 in radial 2 which is kept locked

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

The amalgam is accumulated in a 1-gallon plastic container.

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste

NA Exempt

NA Listed

X Characteristic

S Physical Characteristic (Solid or Liquid)

NA Special Waste

Recommended Analysis or Handling Practices:
Analyze for TCLP silver and TCLP mercury.

General Comments:
Transported to HW Branch (N-1694). Classified as mercury for disposal.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: Dental

Work Center Contact: P.O. Francis

Building Number: S-771

Work Center Phone: 873-5361

Work Center Activity Description:

This work center performs dental work on base personnel, dental equipment maintenance, and dental lab services.

Wastestream as Identified in the Scope of Work and Use:

Ticonium/Rexilliium buttons (contains a small percentage of beryllium)
(This wastestream was not identified in the scope of work.)

TDEC Code: None

Documents Reviewed[1]: NM PPP/HW Minimization Plan NA HMIS

NM Part B Permit NM HW Management Plan A MSDS

NM 1991, NM 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: Not discussed in PPP.
Storage Location Description:

Lab

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:
The ticonium/rexilliium buttons are accumulated in a 1-gallon plastic jug.

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed NA Characteristic

S Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:
Recycle the buttons.

General Comments:
Returned to the manufacturer for recycle. Manufacturer then sends clean metals.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: Dental

Work Center Contact: P.O. Francis

Building Number: S-771

Work Center Phone: 873-5361

Work Center Activity Description:

This work center performs dental work on base personnel, dental equipment maintenance, and dental lab services.

Wastestream as Identified in the Scope of Work and Use:

Empty containers (i.e., wax)

TDEC Code: None

Documents Reviewed[1]: M PPP/HW Minimization Plan NA HMIS

NM Part B Permit NM HW Management Plan NA MSDS

NM 1991, NM 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: DENTAL-01
Storage Location Description:

None

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

None

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed NA Characteristic

S Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:

User knowledge, no analysis recommended.

General Comments:
The empty containers are triple rinsed and thrown in the garbage.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: Dental

Work Center Contact: P.O. Francis

Building Number: S-771

Work Center Phone: 873-5361

Work Center Activity Description:

This work center performs dental work on base personnel, dental equipment maintenance, and dental lab services.

Wastestream as Identified in the Scope of Work and Use:

Fixer and developer for x-ray machines

TDEC Code: 62

Documents Reviewed[1]: M PPP/HW Minimization Plan NA HMIS

M Part B Permit M HW Management Plan A MSDS

M 1991, NM 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: Not discussed in PPP.
Storage Location Description:

None

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

None

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed X Characteristic

L Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:
Analyze for TCLP (silver) and pH if not recycled.

General Comments:
Not changed since February 1993.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: Dental

Work Center Contact: P.O. Francis

Building Number: S-771

Work Center Phone: 873-5361

Work Center Activity Description:

This work center performs dental work on base personnel, dental equipment maintenance, and dental lab services.

Wastestream as Identified in the Scope of Work and Use:

Lead tab on dental film
(This waste stream was not identified in the scope of work.)

TDEC Code: None

Documents Reviewed[1]: NM PPP/HW Minimization Plan NA HMIS

NM Part B Permit NM HW Management Plan NA MSDS

NM 1991, NM 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: Not discussed in PPP.
Storage Location Description:

None

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

Original container

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed NA Characteristic

S Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:
Return to maufacturer for recycle. User knowledge, no analysis recommended.

General Comments:
Returned to Kodak Company for recycle.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: Naval Hospital

Work Center Contact: Dent Williams

Building Number: H-100

Work Center Phone: 873-7512

Work Center Activity Description:

This work center provides medical services for Naval and civilian personnel.

Wastestream as identified in the Scope of Work and Use:
Empty calibration gas canisters
(This wastestream was not identified in the scope of work.)

TDEC Code: None

Documents Reviewed[1]: NM PPP/HW Minimization Plan NA HMIS

NM Part B Permit NM HW Management Plan NA MSDS

NM 1991, NM 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: Not discussed in PPP.
Storage Location Description:
HW locker located outdoors on the east side of the hospital.

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:
gas canister

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed NA Characteristic

S Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:
User knowledge, no analysis recommended.

General Comments:

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Appicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: Naval Hospital Dental

Work Center Contact: Dent Williams

Building Number: H-100

Work Center Phone: 873-7512

Work Center Activity Description:

This work center provides dental services for Naval and civilian personnel.

Wastestream as Identified in the Scope of Work and Use:
Silver/mercury mixture

TDEC Code: 38

Documents Reviewed[1]: NM PPP/HW Minimization Plan NA HMIS

M Part B Permit NM HW Management Plan A MSDS

NM 1991, NM 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: Not discussed in PPP.
Storage Location Description:
HW locker located outdoors on the east side of the hospital.

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:
8 oz

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed X Characteristic

S Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:
Analyze for TCLP mercury and TCLP silver.

General Comments:

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: Naval Hospital Pharmacy

Work Center Contact: Dent Williams

Building Number: H-100

Work Center Phone: 873-7512

Work Center Activity Description:

This work center supplies medication for the hospital. The drugs are ordered only as needed.

Wastestream as Identified in the Scope of Work and Use:
Outdated/deteriorated drugs; unused product (including empty containers which contained liquid)

TDEC Code: None

Documents Reviewed[1]: NM PPP/HW Minimization Plan NA HMIS

NM Part B Permit NM HW Management Plan NA MSDS

NM 1991, NM 1992, NM 1993 Wastestream Report NA 1991, NA 1992, NA 1993 Waste Profile Sheet

Process ID Number: Not discussed in PPP.
Storage Location Description:
Inside pharmacy. Outdated controlled substances are kept in vault.

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:
cardboard box lined with red plastic bag, good condition

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed NA Characteristic

S & L Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:
User knowledge, no analysis recommended.

General Comments:
Outdated controlled substances are removed from the vault and rendered unusable by soaking them in hot water in a plastic container, placed in red bags, then put in a cardboard box with absorbent material to be picked up by BFI for incineration.

Substances which are not controlled go directly into the lined cardboard box. If the drug is in capsule form, it is taken out of the vial. Nothing goes down the pharmacy drain.

The drugs are picked up by BFI twice a week and are signed and sealed. BFI has manifest system documenting destruction.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: Naval Hospital Lab

Work Center Contact: Dent Williams

Building Number: H-100

Work Center Phone: 873-7512

Work Center Activity Description:

This work center provides tissue work (i.e., tissue staining [cytology], tissue processing [histology], and tissue fixing) for the hospital.

Wastestream as Identified in the Scope of Work and Use:
Empty surgipath frostbite aerosol cans (100% dichlorodifluoromethane)

TDEC Code: None

Documents Reviewed[1]: M PPP/HW Minimization Plan NA HMIS

NM Part B Permit NM HW Management Plan A MSDS

NM 1991, NM 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: NHLAB-01
Storage Location Description:
Inside histopathology lab

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:
12 oz. aerosol cans

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed NA Characteristic

S Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:
User knowledge, no analysis recommended.

General Comments:
When empty, the aerosol cans are picked up by P.O. Panky, and turned in to N-1694.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: Naval Hospital Lab

Work Center Contact: Dent Williams

Building Number: H-100

Work Center Phone: 873-7512

Work Center Activity Description:

This work center provides tissue work (i.e., tissue staining [cytology], tissue processing [histology], and tissue fixing) for the hospital.

Wastestream as Identified in the Scope of Work and Use:
Empty plastic containers (i.e., xylene, formalin, alcohol)

TDEC Code: None

Documents Reviewed[1]:

M PPP/HW Minimization Plan

A HMIS

NM Part B Permit

NM HW Management Plan

A MSDS

NM 1991, NM 1992, NM 1993 Wastestream Report

NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: Not discussed in PPP.
Storage Location Description:
Inside histopathology lab

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:
various size plastic containers

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste

NA Exempt

NA Listed

NA Characteristic

S Physical Characteristic (Solid or Liquid)

NA Special Waste

Recommended Analysis or Handling Practices:
User knowledge, no analysis recommended.

General Comments:
The empty alcohol containers are left uncapped to evaporate. The empty xylene, formalin, and alcohol containers are thrown in the trash can.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: Naval Hospital Lab

Work Center Contact: Dent Williams

Building Number: H-100

Work Center Phone: 873-7512

Work Center Activity Description:

This work center provides tissue work (i.e., tissue staining [cytology], tissue processing [histology], and tissue fixing) for the hospital.

Wastestream as Identified in the Scope of Work and Use:
10% buffered formalin (contains formaldehyde)

TDEC Code: 27

Documents Reviewed[1]: M PPP/HW Minimization Plan NA HMIS

NM Part B Permit NM HW Management Plan A MSDS

NM 1991, NM 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: NHLAB-01
Storage Location Description:
Inside histopathology lab

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:
Sink

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed NA Characteristic

L Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:
User knowledge, no analysis recommended.

General Comments:
Specimens brought to the lab are put in the formalin solution, then placed in the lime bath which is poured down the sink to the sewer system.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream
[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: Naval Hospital Lab

Work Center Contact: Dent Williams

Building Number: H-100

Work Center Phone: 873-7512

Work Center Activity Description:

This work center provides tissue work (i.e., tissue staining [cytology], tissue processing [histology], and tissue fixing) for the hospital.

Wastestream as Identified in the Scope of Work and Use:
Hematoxylin (contains ethylene glycol and acetic acid) from staining process

TDEC Code: None

Documents Reviewed[1]: NM PPP/HW Minimization Plan NM HMIS

NM Part B Permit NM HW Management Plan A MSDS

NM 1991, NM 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: Not discussed in PPP.
Storage Location Description:
Inside histopathology lab

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:
1 pt container

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed NA Characteristic

L Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:
User knowledge, no analysis recommended.

General Comments:
Dumped down sink.

[1]Coding System: NM — Not Mentioned in this Document
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[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: Naval Hospital Lab

Work Center Contact: Dent Williams

Building Number: H-100

Work Center Phone: 873-7512

Work Center Activity Description:

This work center provides tissue work (i.e., tissue staining [cytology], tissue processing [histology], and tissue fixing) for the hospital.

Wastestream as Identified in the Scope of Work and Use:
Waste Xylene from tissue processor and cytology

TDEC Code: 26

Documents Reviewed[1]:

A PPP/HW Minimization Plan — NM HMIS

A Part B Permit — A HW Management Plan — A MSDS

M 1991, M 1992, M 1993 Wastestream Report — NM 1991, NM 1992, A 1993 Waste Profile Sheet

Process ID Number: Not discussed in PPP.
Storage Location Description:
Inside histopathology lab

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:
20-gallon metal drum overpacked in 85-gallon yellow plastic drum

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste — NA Exempt — X Listed — NA Characteristic

L Physical Characteristic (Solid or Liquid) — NA Special Waste

Recommended Analysis or Handling Practices:
User knowledge, no analysis recommended.

General Comments:
Have HW storage log for xylene. Write amount each time xylene is added into the drum. Call P.O. Panky when get 64,000 ml to arrange for disposal. Picked up by HW contractor.

[1]Coding System: NM — Not Mentioned in this Document
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A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: Federal Prison Equipment Maintenance Work Center Contact: Jim Church

Building Number: 1410 Work Center Phone: 872-2277

Work Center Activity Description:

This work center performs equipment and vehicle maintenance, building repairs, grounds maintenance, and painting.

Wastestream as Identified in the Scope of Work and Use:

Used Antifreeze from garage maintenance

TDEC Code: None

Documents Reviewed[1]: A PPP/HW Minimization Plan A HMIS

NM Part B Permit NM HW Management Plan A MSDS

NM 1991, A 1992, A 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: PRISON-02
Storage Location Description:

Inside garage

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

5-gallon plastic containers

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed NA Characteristic

L Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:

Collect and recycle the waste antifreeze. Avoid cross contamination with other waste streams. Analyze for TCLP metals.

General Comments:

Held in 5-gallon containers, then recycled. (No waste generated)

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis -
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: Federal Prison Equipment Maintenance Work Center Contact: Jim Church

Building Number: 1410 Work Center Phone: 872-2277

Work Center Activity Description:

This work center performs equipment and vehicle maintenance, building repairs, grounds maintenance, and painting.

Wastestream as Identified in the Scope of Work and Use:
Empty metal/plastic containers (i.e., paint cans)

TDEC Code: None

Documents Reviewed[1]: A PPP/HW Minimization Plan NA HMIS

NM Part B Permit NM HW Management Plan A MSDS

NM 1991, NM 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: PRISON-02 and 03
Storage Location Description:

Inside paint room

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

1 and 5-gallon metal cans

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed NA Characteristic

S Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:

Collect, drain, crush, and recycle empty metal cans. User knowledge, no analysis recommended.

General Comments:
The paint cans are air dried, crushed on-site, and placed in dumpster.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: Federal Prison Equipment Maintenance Work Center Contact: Jim Church

Building Number: 1410 Work Center Phone: 872-2277

Work Center Activity Description:

This work center performs equipment and vehicle maintenance, building repairs, grounds maintenance, and painting.

Wastestream as Identified in the Scope of Work and Use:

Used Mineral Spirits/Thinner generated from cleaning and painting equipment

TDEC Code: 11

Documents Reviewed[1]: M PPP/HW Minimization Plan NA HMIS

NM Part B Permit A HW Management Plan A MSDS

M 1991, M 1992, M 1993 Wastestream Report NM 1991, NM 1992, M 1993 Waste Profile Sheet

Process ID Number: PRISON-01
Storage Location Description:

Locked, caged shed north of garage area, walls are made of perforated steel

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

55-gallon metal drum inside dual drum plastic overpack, both in good condition

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed X Characteristic

L Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:

Handle as a D001 hazardous waste. Analyze for flash point.

General Comments:

The waste is held in two 55-gallon drums, sampled, then disposed via American Resource Recovery.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: Federal Prison Equipment Maintenance Work Center Contact: Jim Church

Building Number: 1410 Work Center Phone: 872-2277

Work Center Activity Description:

This work center performs equipment and vehicle maintenance, building repairs, grounds maintenance, and painting.

Wastestream as Identified in the Scope of Work and Use:

Rags w/Thinner or Oil generated from general cleaning

TDEC Code: None

Documents Reviewed[1]: M PPP/HW Minimization Plan NA HMIS

NM Part B Permit NM HW Management Plan A MSDS

NM 1991, NM 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: PRISON-01 and 02
Storage Location Description:

Paint room

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

35-gallon metal trash can with lid

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed TBD Characteristic

S Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:

Collect, clean, and reuse contaminated rags. Analyze for TCLP (metals and volatiles).

General Comments:

Rags are stored in the trash can, washed onsite, and reused. The washwater is discharged to the sewer.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis _
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: Federal Prison Equipment Maintenance Work Center Contact: Jim Church

Building Number: 1410 Work Center Phone: 872-2277

Work Center Activity Description:

This work center performs equipment and vehicle maintenance, building repairs, grounds maintenance, and painting.

Wastestream as Identified in the Scope of Work and Use:

Used Oil from garage maintenance

TDEC Code: 24

Documents Reviewed[1]: A PPP/HW Minimzation Plan NA HMIS

M Part B Permit M HW Management Plan A MSDS

M 1991, M 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: PRISON-02
Storage Location Description:

Locked, caged shed north of garage; walls are made of welded, perforated steel

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

55-gallon metal drum inside dual drum overpack (plastic); both in good condition

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed TBD Characteristic

L Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:

Handle in accordance with 40 CFR 279 for waste oil. Analyze for metals, flash point, and total halogens.

General Comments:

Stored in 5-gallon plastic cans, poured into 55-gallon drum in consolidation area, sampled, then removed by NAS Memphis HW Branch.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: MWR Auto Hobby Shop

Work Center Contact: Mr. Wright

Building Number: N-397

Work Center Phone: 873-5163

Work Center Activity Description:

This work center provides automotive painting and maintenance/repair (i.e., oil change) for do-it-yourself automotive maintenance customers.

Wastestream as Identified in the Scope of Work and Use:

Speedy dry (oil dry) contaminated with oil, paint, etc. (This wastestream was not identified in the scope of work for this work center).

TDEC Code: None

Documents Reviewed[1]: M PPP/HW Minimization Plan NA HMIS

NM Part B Permit NM HW Management Plan NA MSDS

NM 1991, NM 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: MWRHOBBY-01 and 02
Storage Location Description:

Paint shop

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

55-gallon metal drum, good condition

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed TBD Characteristic

S Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:

Minimize usage of materials that would warrant adsorbents. Analyze for TCLP metal and TCLP volatiles.

General Comments:

Transported to N-1694 by NAS HW
(Patrons provide required materials).

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: MWR Auto Hobby Shop

Work Center Contact: Mr. Wright

Building Number: N-397

Work Center Phone: 873-5163

Work Center Activity Description:

This work center provides automotive painting and maintenance/repair (i.e., oil change) for do-it-yourself automotive maintenance customers.

Wastestream as Identified in the Scope of Work and Use:

Aerosol cans

TDEC Code: None

Documents Reviewed[1]: M PPP/HW Minimization Plan NA HMIS

NM Part B Permit NM HW Management Plan NA MSDS

NM 1991, NM 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: MWRHOBBY-01 and 02
Storage Location Description:

Inside Building N-397

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

55-gallon metal drum, good condition

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed NA Characteristic

S Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:

Collect, puncture, and recycle aerosol cans. User knowledge, no analysis recommended.

General Comments:

Stored in 55-gallon drum; punctured prior to disposal. (Patrons provide materials).

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: MWR Auto Hobby Shop

Work Center Contact: Mr. Wright

Building Number: N-397

Work Center Phone: 873-5163

Work Center Activity Description:

This work center provides automotive painting and maintenance/repair (i.e., oil change) for do-it-yourself automotive maintenance customers.

Wastestream as Identified in the Scope of Work and Use:

Used antifreeze

TDEC Code: None

Documents Reviewed[1]: A PPP/HW Minimization Plan; A HMIS

NM Part B Permit; NM HW Management Plan; A MSDS

A 1991, A 1992, NM 1993 Wastestream Report; M 1991, M 1992, NM 1993 Waste Profile Sheet

Process ID Number: MWRHOBBY-02
Storage Location Description:

None

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

None

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste; NA Exempt; NA Listed; TBD Characteristic

L Physical Characteristic (Solid or Liquid); NA Special Waste

Recommended Analysis or Handling Practices:

Analyze for TCLP metals.

General Comments:

Antifreeze is recycled or disposed of by Safety-Kleen.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: MWR Auto Hobby Shop

Work Center Contact: Mr. Wright

Building Number: N-397

Work Center Phone: 873-5163

Work Center Activity Description:

This work center provides automotive painting and maintenance/repair (i.e., oil change) for do-it-yourself automotive maintenance customers.

Wastestream as Identified in the Scope of Work and Use:

Car wash sludge
(This wastestream was not identified in the scope of work).

TDEC Code: None

Documents Reviewed[1]: NM PPP/HW Minimization Plan NA HMIS

NM Part B Permit NM HW Management Plan NA MSDS

NM 1991, NM 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: Not discussed in PPP
Storage Location Description:

Paint shop

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

55-gallon metal drum, good condition

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed TBD Characteristic

S/L Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:

Analyze for TCLP metals.

General Comments:

The sludge is pumped from the bottom of a grate-covered sump and placed in barrels which when full are removed by NAS HW.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: MWR Auto Hobby Shop Work Center Contact: Mr. Wright

Building Number: N-397 Work Center Phone: 873-5163

Work Center Activity Description:

This work center provides automotive painting and maintenance/repair (i.e., oil change) for do-it-yourself automotive maintenance customers.

Wastestream as Identified in the Scope of Work and Use:

Oil filters

TDEC Code: None

Documents Reviewed[1]: __A__ PPP/HW Minimization Plan __NA__ HMIS

__NM__ Part B Permit __NM__ HW Management Plan __NA__ MSDS

__NM__ 1991, __NM__ 1992, __NM__ 1993 Wastestream Report __NM__ 1991, __NM__ 1992, __NM__ 1993 Waste Profile Sheet

Process ID Number: MWRHOBBY-02
Storage Location Description:

Inside engine shop

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

30-gallon metal drum, good condition

Preliminary Waste Code Determination[2] (40 CFR 261):

__X__ Solid Waste __NA__ Exempt __NA__ Listed __TBD__ Characteristic

__S__ Physical Characteristic (Solid or Liquid) __NA__ Special Waste

Recommended Analysis or Handling Practices:

Collect used oil filters, drain, crush, and recycle the oil and metal. Analyze for TCLP metals and TCLP volatiles.

General Comments:

Drained for 24 hours into metal drainage bin which then drains into AST. When dry, the filters are crushed and placed into the drum which (when full) is picked up by Safety-Kleen. (Patrons provide materials).

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: MWR Auto Hobby Shop

Work Center Contact: Mr. Wright

Building Number: N-397

Work Center Phone: 873-5163

Work Center Activity Description:

This work center provides automotive painting and maintenance/repair (i.e., oil change) for do-it-yourself automotive maintenance customers.

Wastestream as Identified in the Scope of Work and Use:
Waste freon
(This wastestream was not identified in the scope of work for this work center).

TDEC Code: None

Documents Reviewed[1]: M PPP/HW Minimization Plan; A HMIS

NM Part B Permit; NM HW Management Plan; A MSDS

NM 1991, NM 1992, NM 1993 Wastestream Report; NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: MWRHOBBY-02
Storage Location Description:

Inside paint shop

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

Freon reclamation unit used with 5-gallon metal freon cylinders, good condition

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste; NA Exempt; X Listed; NA Characteristic

L Physical Characteristic (Solid or Liquid); NA Special Waste

Recommended Analysis or Handling Practices:

Recycle the waste freon. User knowledge, no analysis recommended.

General Comments:

Recycled through the freon reclamation unit.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: MWR Auto Hobby Shop

Work Center Contact: Mr. Wright

Building Number: N-397

Work Center Phone: 873-5163

Work Center Activity Description:

This work center provides automotive painting and maintenance/repair (i.e., oil change) for do-it-yourself automotive maintenance customers.

Wastestream as Identified in the Scope of Work and Use:

Empty oxygen, acetylene, and argon gas canisters
(This wastestream was not identified in the scope of work).

TDEC Code: None

Documents Reviewed[1]: NM PPP/HW Minimization Plan A HMIS

NM Part B Permit NM HW Management Plan A MSDS

NM 1991, NM 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: MWRHOBBY-02
Storage Location Description:

Inside hobby shop area where they are used

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

metal pressurized cylinders, good condition

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed NA Characteristic

S Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:

User knowledge, no analysis recommended.

General Comments:

When empty, the cylinders are picked up by Navy Supply.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: MWR Auto Hobby Shop

Work Center Contact: Mr. Wright

Building Number: N-397

Work Center Phone: 873-5163

Work Center Activity Description:

This work center provides automotive painting and maintenance/repair (i.e., oil change) for do-it-yourself automotive maintenance customers.

Wastestream as Identified in the Scope of Work and Use:

Waste paint/thinner generated by cleaning paint guns and equipment
(This wastestream was not identified in the scope of work for this work center).

TDEC Code: 11

Documents Reviewed[1]: M PPP/HW Minimization Plan M HMIS

A Part B Permit A HW Management Plan M MSDS

M 1991, M 1992, M 1993 Wastestream Report NM 1991, NM 1992, M 1993 Waste Profile Sheet

Process ID Number: MWRHOBBY-01
Storage Location Description:

Inside paint booth.

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

30-gallon metal drum, good condition

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt TBD Listed TBD Characteristic

L Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:

Analyze for flash point, TCLP (metals), and volatiles.

General Comments:

When full, removed by NAS HW

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: MWR Auto Hobby Shop

Work Center Contact: Mr. Wright

Building Number: N-397

Work Center Phone: 873-5163

Work Center Activity Description:

This work center provides automotive painting and maintenance/repair (i.e., oil change) for do-it-yourself automotive maintenance customers.

Wastestream as Identified in the Scope of Work and Use:

Waste rags (contaminated with oil, paint, thinner, etc.)

TDEC Code: None

Documents Reviewed[1]: A PPP/HW Minimization Plan A HMIS (oil, etc.)

NM Part B Permit NM HW Management Plan A MSDS (oil, etc.)

NM 1991, NM 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: MWRHOBBY-02

Storage Location Description:

None

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

None

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste X Exempt NA Listed TBD Characteristic

S Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:

Analyze for TCLP metals and TCLP volatiles.

General Comments:

The rags are turned in to N-1694 for disposal.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: MWR Auto Hobby Shop

Work Center Contact: Mr. Wright

Building Number: N-397

Work Center Phone: 873-5163

Work Center Activity Description:

This work center provides automotive painting and maintenance/repair (i.e., oil change) for do-it-yourself automotive maintenance customers.

Wastestream as Identified in the Scope of Work and Use:

Air filters from paint booth (Spray Booth Filters)

TDEC Code: None

Documents Reviewed[1]: __M__ PPP/HW Minimization Plan __A__ HMIS (paint)

__NM__ Part B Permit __NM__ HW Management Plan __A__ MSDS (paint)

__NM__ 1991, __NM__ 1992, __NM__ 1993 Wastestream Report __NM__ 1991, __NM__ 1992, __NM__ 1993 Waste Profile Sheet

Process ID Number: MWRHOBBY-01
Storage Location Description:

None

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

None

Preliminary Waste Code Determination[2] (40 CFR 261):

__X__ Solid Waste __NA__ Exempt __NA__ Listed __TBD__ Characteristic

__S__ Physical Characteristic (Solid or Liquid) __NA__ Special Waste

Recommended Analysis or Handling Practices:

Analyze for TCLP metals.

General Comments:

Dried and thrown away.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: MWR Auto Hobby Shop

Work Center Contact: Mr. Wright

Building Number: N-397

Work Center Phone: 873-5163

Work Center Activity Description:

This work center provides automotive painting and maintenance/repair (i.e., oil change) for do-it-yourself automotive maintenance customers.

Wastestream as Identified in the Scope of Work and Use:

Sludge from soda lye wash tank generated from cleaning engines and other large parts (This wastestream was not identified in the scope of work).

TDEC Code: Pending analysis

Documents Reviewed[1]: NM PPP/HW Minimization Plan NA HMIS

NM Part B Permit NM HW Management Plan NA MSDS

NM 1991, NM 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: MWRHOBBY-02

Storage Location Description:

Inside engine building in a room by itself.

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

100-gallon heated metal wash tank with walls approximately 3 feet high, good condition, no secondary containment

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt TBD Listed TBD Characteristic

S/L Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:

The sludge should be analyzed to determine method of disposal. Analyze for TCLP metals and TCLP volatiles.

General Comments:

The material has not been pumped out as of the January 1995 site visit. Because the tank is heated, vapor may be released into the air.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: MWR Auto Hobby Shop

Work Center Contact: Mr. Wright

Building Number: N-397

Work Center Phone: 873-5163

Work Center Activity Description:

This work center provides automotive painting and maintenance/repair (i.e., oil change) for do-it-yourself automotive maintenance customers.

Wastestream as Identified in the Scope of Work and Use:

Waste soap and water in car wash sump.
(This wastestream was not identified in the scope of work for this work center).

TDEC Code: None

Documents Reviewed[1]: M PPP/HW Minimization Plan NA HMIS

NM Part B Permit NM HW Management Plan NA MSDS

NM 1991, NM 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: Not discussed in PPP
Storage Location Description:

NA

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

NA

Preliminary Waste Code Determination[2] (40 CFR 261):

NA Solid Waste X Exempt NA Listed NA Characteristic

L Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:

None

General Comments:

Nonhazardous, enters city sewer system

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: MWR Auto Hobby Shop

Work Center Contact: Mr. Wright

Building Number: N-397

Work Center Phone: 873-5163

Work Center Activity Description:

This work center provides automotive painting and maintenance/repair (i.e., oil change) for do-it-yourself automotive maintenance customers.

Wastestream as Identified in the Scope of Work and Use:

Soda lye/water mixture for cleaning engines and other large parts
(This wastestream was not identified in the scope of work).

TDEC Code: Pending analysis

Documents Reviewed[1]: NM PPP/HW Minimization Plan NA HMIS

NM Part B Permit NM HW Management Plan NA MSDS

NM 1991, NM 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: MWRHOBBY-02
Storage Location Description:

Inside engine building in a room by itself.

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

100-gallon heated metal wash tank with walls approximately 3 feet high, good condition, no secondary containment

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt TBD Listed TBD Characteristic

L Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:

The mixture should be analyzed to determine method of disposal. Analyze for pH and TCLP metals.

General Comments:

The material has not been pumped out as of the January 1995 site visit. Because the tank is heated, vapor may be released into the air.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: MWR Auto Hobby Shop

Work Center Contact: Mr. Wright

Building Number: N-397

Work Center Phone: 873-5163

Work Center Activity Description:

This work center provides automotive painting and maintenance/repair (i.e., oil change) for do-it-yourself automotive maintenance customers.

Wastestream as Identified in the Scope of Work and Use:

Waste solvent (Safety-Kleen)

TDEC Code: 35

Documents Reviewed[1]: A PPP/HW Minimization Plan A HMIS

NM Part B Permit NM HW Management Plan A MSDS

M 1991, M 1992, M 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: MWRHOBBY-02
Storage Location Description:

Inside paint room (2) and engine shop (2)

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

Four 55-gallon metal drums, good condition

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed X Characteristic

L Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:

Analyze for TCLP metals and TCLP volatiles.

General Comments:

Safety-Kleen replaces used solvent with new.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: MWR Auto Hobby Shop

Work Center Contact: Mr. Wright

Building Number: N-397

Work Center Phone: 873-5163

Work Center Activity Description:

This work center provides automotive painting and maintenance/repair (i.e., oil change) for do-it-yourself automotive maintenance customers.

Wastestream as Identified in the Scope of Work and Use:

Automatic transmission fluid/hydraulic fluid generated by patrons servicing their personal vehicles.

TDEC Code: None

Documents Reviewed[1]: M PPP/HW Minimization Plan NA HMIS

M Part B Permit M HW Management Plan NA MSDS

NM 1991, NM 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: MWRHOBBY-02
Storage Location Description:

Outside between paint shop and engine shop

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

Two 1,000-gallon metal ASTs, fair condition

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed TBD Characteristic

L Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:

Soil samples should be taken under the tanks due to apparent leaks/spills. Recycle hydraulic fluid in accordance with 40 CFR 279. Analyze for metals, flash point, and halogens.

General Comments:

Dumped in waste oil storage tanks. A log book is kept. Removed/recycled by Safety-Kleen. (Patrons provide materials)

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: MWR Auto Hobby Shop

Work Center Contact: Mr. Wright

Building Number: N-397

Work Center Phone: 873-5163

Work Center Activity Description:

This work center provides automotive painting and maintenance/repair (i.e., oil change) for do-it-yourself automotive maintenance customers.

Wastestream as Identified in the Scope of Work and Use:

Used Oil generated by patrons servicing their personal vehicles.

TDEC Code: 24

Documents Reviewed[1]: M PPP/HW Minimization Plan NA HMIS

M Part B Permit A HW Management Plan NA MSDS

M 1991, M 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: MWRHOBBY-02
Storage Location Description:

Outside between paint shop and engine shop

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

Two 1,000-gallon metal ASTs, fair condition

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed TBD Characteristic

L Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:

Soil samples should be taken under the tanks due to apparent leaks/spills. Recycle used oil in accordance with 40 CFR 279. Analyze for metals, flash point, and total halogens.

General Comments:

A log is kept of waste oil dumped into the tanks. Removed/recycled by Safety-Kleen. (Patrons provide materials.)

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: MWR Arts/Crafts Hobby Shop Work Center Contact: Ms. Frankie Gilliland

Building Number: S-797 Work Center Phone: 873-5507

Work Center Activity Description:

This work center provides tools and equipment for do-it-yourself patrons to practice their favorite hobbies (i.e., woodwork and ceramics).

Wastestream as Identified in the Scope of Work and Use:

Empty Aerosol Cans

TDEC Code: None

Documents Reviewed[1]: M PPP/HW Minimization Plan NA HMIS

NM Part B Permit NM HW Management Plan NA MSDS

NM 1991, NM 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: MWRHOBBY-01
Storage Location Description:

Secured storage closet

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

10.5 and 16 oz cans are stored on a table

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed NA Characteristic

S Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:

Continue to collect, puncture, and recycle aerosol cans. User knowledge, no analysis recommended.

General Comments:

Patrons provide all materials. The aerosol cans (when empty) are bagged and taken to N-1694 for disposal.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: MWR Golf Course

Work Center Contact: Mr. Michael Laird

Building Number: N-26A

Work Center Phone: 873-5168

Work Center Activity Description:

This work center performs routine maintenance on golf carts and grounds-keeping equipment.

Wastestream as Identified in the Scope of Work and Use:

Waste lead acid batteries generated from golf carts.
(This work center was not identified in the scope of work).

TDEC Code: None

Documents Reviewed[1]: A PPP/HW Minimization Plan — A HMIS

NM Part B Permit — NM HW Management Plan — A MSDS

NM 1991, NM 1992, NM 1993 Wastestream Report — NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: Not discussed in PPP
Storage Location Description:

Inside maintenance shop

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

None (on pallet or floor)

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste — NA Exempt — NA Listed — X Characteristic

S Physical Characteristic (Solid or Liquid) — NA Special Waste

Recommended Analysis or Handling Practices:

Recycle the waste batteries. Analyze for pH and TCLP metal, if not recycled.

General Comments:

Taken to vehicle maintenance (MWR N-1211) for recycling/disposal.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: MWR Golf Course Work Center Contact: Mr. Michael Laird

Building Number: N-26A Work Center Phone: 873-5168

Work Center Activity Description:

This work center performs routine maintenance on golf carts and grounds-keeping equipment.

Wastestream as Identified in the Scope of Work and Use:

Empty containers (oil and grease)
(This work center was not identified in the scope of work).

TDEC Code: None

Documents Reviewed[1]: M PPP/HW Minimization Plan A HMIS

NM Part B Permit NM HW Management Plan A MSDS

NM 1991, NM 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: Not discussed in PPP
Storage Location Description:
Inside Maintenance Shop

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:
None

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed NA Characteristic

S Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:
Collect and recycle empty containers. User knowledge, no analysis recommended.

General Comments:

Taken to vehicle maintenance (N-1211) for disposal.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: MWR Golf Course

Work Center Contact: Mr. Michael Laird

Building Number: N-26A

Work Center Phone: 873-5168

Work Center Activity Description:

This work center performs routine maintenance on golf carts and grounds-keeping equipment.

Wastestream as Identified in the Scope of Work and Use:

Paper towels contaminated with oil and grease
(This work center was not identified in the scope of work.)

TDEC Code: None

Documents Reviewed[1]:

NM PPP/HW Minimization Plan

M HMIS(oil, etc.)

NM Part B Permit

NM HW Management Plan

M MSDS(oil, etc.)

NM 1991, NM 1992, NM 1993 Wastestream Report

NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: Not discussed in PPP
Storage Location Description:

None

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

None

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste

NA Exempt

NA Listed

NA Characteristic

S Physical Characteristic (Solid or Liquid)

NA Special Waste

Recommended Analysis or Handling Practices:
User knowledge, no analysis recommended.

General Comments:

Thrown away

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: MWR Golf Course

Work Center Contact: Mr. Michael Laird

Building Number: N-26A

Work Center Phone: 873-5168

Work Center Activity Description:

This work center performs routine maintenance on golf carts and grounds-keeping equipment.

Wastestream as Identified in the Scope of Work and Use:

Waste oil
(This work center was not identified in the scope of work.)

TDEC Code: 24

Documents Reviewed[1]: M PPP/HW Minimization Plan A HMIS

M Part B Permit M HW Management Plan M MSDS

M 1991, M 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: Not discussed in PPP
Storage Location Description:

Inside maintenance shed

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

5-gallon

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed TBD Characteristic

L Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:
Recycle used oil in accordance with 40 CFR 279. Analyze for metals, flash point, and total halogens.

General Comments:

When finished, waste oil is taken to vehicle maintenance (N-1211).

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: MWR Graphics

Work Center Contact: Mr. Kidd

Building Number: S-797

Work Center Phone: 873-5733

Work Center Activity Description:

This work center prints signs, posters, engraving, as well as screen printing processes.

Wastestream as Identified in the Scope of Work and Use:
Used Ink w/Knox-out

TDEC Code: None

Documents Reviewed[1]: M PPP/HW Minimization Plan NA HMIS

NM Part B Permit NM HW Management Plan A MSDS

NM 1991, NM 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: MWRGRAPH-01
Storage Location Description:

Inside building

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

30-gal drum

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt X Listed NA Characteristic

L Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:

User knowledge, no analysis recommended.
Knox contains 85% methylene chloride and 15% perchloroethylene

General Comments:
Taken to N-1694.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: MWR Graphics

Work Center Contact: Mr. Kidd

Building Number: S-797

Work Center Phone: 873-5733

Work Center Activity Description:

This work center prints signs, posters, engraving, as well as screen printing processes.

Wastestream as Identified in the Scope of Work and Use:
Empty containers (paint, ink, emulsion, glue, ink wash/mineral spirits)

TDEC Code: None

Documents Reviewed[1]: M PPP/HW Minimization Plan M HMIS

NM Part B Permit NM HW Management Plan M MSDS

NM 1991, NM 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: MWRGRAPH-01, 02, 03, 04, and 05
Storage Location Description:

Hallway by rear exit

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

Open cardboard boxes, approximately 2' by 2' by 2', in varying conditions

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed NA Characteristic

S Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:

User knowledge, no analysis required

General Comments:
Containers are air dried, then collected by NAS HW and taken to N-1694.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: MWR Graphics — Work Center Contact: Mr. Kidd

Building Number: S-797 — Work Center Phone: 873-5733

Work Center Activity Description:

This work center prints signs, posters, engraving, as well as screen printing processes.

Wastestream as Identified in the Scope of Work and Use:
1,1,1-trichloroethane

TDEC Code: 5

Documents Reviewed[1]: M PPP/HW Minimization Plan — A HMIS

A Part B Permit — M HW Management Plan — A MSDS

NM 1991, NM 1992, NM 1993 Wastestream Report — NM 1991, NM 1992, M 1993 Waste Profile Sheet

Process ID Number: MWRGRAPH-03
Storage Location Description:

Inside building

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

30-gal drum

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste — NA Exempt — X Listed — NA Characteristic

L Physical Characteristic (Solid or Liquid) — NA Special Waste

Recommended Analysis or Handling Practices:

User knowledge, no analysis required

General Comments:
Taken to N-1694.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: MWR Graphics

Work Center Contact: Mr. Kidd

Building Number: S-797

Work Center Phone: 873-5733

Work Center Activity Description:

This work center prints signs, posters, engraving, as well as screen printing processes.

Wastestream as Identified in the Scope of Work and Use:
Cotton pads w/ink or solvent

TDEC Code: NONE

Documents Reviewed[1]: M PPP/HW Minimization Plan A HMIS

NM Part B Permit M HW Management Plan A MSDS

NM 1991, NM 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: MWRGRAPH-01 and 03
Storage Location Description:

Inside building

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

30-gal drum

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt X Listed NA Characteristic

S Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:

Analyze for TCLP metals and TCLP volatiles.

General Comments:
Accumulated in the same drum as the 1,1,1-trichloroethane and taken to N-1694.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: MWR Support Group

Work Center Contact: Mr. Don Syde

Building Number: N-26

Work Center Phone: 873-5681

Work Center Activity Description:

This work center performs A/C repair, painting, janitorial services, carpentry, and electrical repair.

Wastestream as Identified in the Scope of Work and Use:
Empty aerosol cans generated through paint/varnish projects

TDEC Code: None

Documents Reviewed[1]: M PPP/HW Minimization Plan A HMIS

NM Part B Permit NM HW Management Plan NM MSDS

NM 1991, NM 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: MWRREES-02 and 03
Storage Location Description:

Hobby Shop

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

55-gallon metal drum

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed NA Characteristic

S Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:
Collect, puncture, and recycle aerosol cans. User knowledge, no analysis recommended.

General Comments:
When empty, cans are taken to the Hobby Shop where they are punctured and thrown away.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: MWR Support Group

Work Center Contact: Mr. Don Syde

Building Number: N-26

Work Center Phone: 873-5681

Work Center Activity Description:

This work center performs A/C repair, painting, janitorial services, carpentry, and electrical repair.

Wastestream as Identified in the Scope of Work and Use:
Empty plastic/metal containers generated through clean/paint/varnish projects

TDEC Code: None

Documents Reviewed[1]: M PPP/HW Minimization Plan M HMIS

NM Part B Permit NM HW Management Plan M MSDS

NM 1991, NM 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: MWRREES-02 and 03
Storage Location Description:

Flammable storage lockers inside workroom

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

various size metal and plastic containers

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed NA Characteristic

S Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:
Collect, drain, air dry, and recycle empty containers. User knowledge, no analysis recommended.

General Comments:
Air dried and taken to N-1694 for disposal.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: MWR Support Group

Work Center Contact: Mr. Don Syde

Building Number: N-26

Work Center Phone: 873-5681

Work Center Activity Description:

This work center performs A/C repair, painting, janitorial services, carpentry, and electrical repair.

Wastestream as Identified in the Scope of Work and Use:
Empty Freon Bottles generated through A/C repair

TDEC Code: None

Documents Reviewed[1]: M PPP/HW Minimization Plan; A HMIS

NM Part B Permit; NM HW Management Plan; A MSDS

NM 1991, NM 1992, NM 1993 Wastestream Report; NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: MWRREES-01
Storage Location Description:

Building 26 workshop

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

Freon metal containers

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste; NA Exempt; NA Listed; NA Characteristic

S Physical Characteristic (Solid or Liquid); NA Special Waste

Recommended Analysis or Handling Practices:
User knowledge, no analysis recommended.

General Comments:
Puncture, remove nozzle, take to DRMO for disposal

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: MWR Support Group

Work Center Contact: Mr. Don Syde

Building Number: N-26

Work Center Phone: 873-5681

Work Center Activity Description:

This work center performs A/C repair, painting, janitorial services, carpentry, and electrical repair.

Wastestream as Identified in the Scope of Work and Use:
Joint compound generated from repair of PVC piping and drywall
(This wastestream was not identified in the scope of work)

TDEC Code: None

Documents Reviewed[1]: NM PPP/HW Minimization Plan; A HMIS

NM Part B Permit; NM HW Management Plan; A MSDS

NM 1991, NM 1992, NM 1993 Wastestream Report; NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: MWRREES-03
Storage Location Description:
Back Storage room

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:
5-gallon plastic buckets

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste; NA Exempt; NA Listed; NA Characteristic

S Physical Characteristic (Solid or Liquid); NA Special Waste

Recommended Analysis or Handling Practices:
User knowledge, no analysis recommended.

General Comments:
Buckets are rinsed and disposed of.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: MWR Support Group

Work Center Contact: Mr. Don Syde

Building Number: N-26

Work Center Phone: 873-5681

Work Center Activity Description:

This work center performs A/C repair, painting, janitorial services, carpentry, and electrical repair.

Wastestream as Identified in the Scope of Work and Use:
Waste paint

TDEC Code: 11

Documents Reviewed[1]: A PPP/HW Minimization Plan — A HMIS

A Part B Permit — A HW Management Plan — A MSDS

M 1991, M 1992, M 1993 Wastestream Report — NM 1991, NM 1992, A 1993 Waste Profile Sheet

Process ID Number: MWRREES-02
Storage Location Description:

Inside work room of paint consolidation area

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

55-gallon metal drum

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste — NA Exempt — NA Listed — TBD Characteristic

L Physical Characteristic (Solid or Liquid) — NA Special Waste

Recommended Analysis or Handling Practices:
Analyze for flash point, TCLP (metals) and volatiles.

General Comments:
The 5-gallon paint cans are placed in 55-gallon drums. When full, the drums (along with MSDS) are taken to NAS HW (N-1694).

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: MWR Support Group

Work Center Contact: Mr. Don Syde

Building Number: N-26

Work Center Phone: 873-5681

Work Center Activity Description:

This work center performs A/C repair, painting, janitorial services, carpentry, and electrical repair.

Wastestream as Identified in the Scope of Work and Use:
Rags contaminated with oil and leak check (local purchase), generated through A/C repair

TDEC Code: None

Documents Reviewed[1]: M PPP/HW Minimization Plan NA HMIS

NM Part B Permit NM HW Management Plan __ MSDS

NM 1991, NM 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: MWRREES-01 and 03
Storage Location Description:

Building 26 workshop

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

Metal container (15-gallon)

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed TBD Characteristic

S Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:
Collect, clean, and reuse contaminated rags. Analyze for TCLP metals and TCLP volatiles.

General Comments:

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: MWR Support Group

Work Center Contact: Mr. Don Syde

Building Number: N-26

Work Center Phone: 873-5681

Work Center Activity Description:

This work center performs A/C repair, painting, janitorial services, carpentry, and electrical repair.

Wastestream as Identified in the Scope of Work and Use:
Rags w/cleaner/thinner generated through cleanup of paint/varnish projects

TDEC Code: None

Documents Reviewed[1]: M PPP/HW Minimization Plan M HMIS

NM Part B Permit NM HW Management Plan M MSDS

NM 1991, NM 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: MWRREES-02
Storage Location Description:

Building 26 workshop

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

Metal container (15-gallon)

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed NA Characteristic

S Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:
Collect, clean, and reuse contaminated rags. Analyze for volatiles.

General Comments:

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: MWR Support Group

Work Center Contact: Mr. Don Syde

Building Number: N-26

Work Center Phone: 873-5681

Work Center Activity Description:

This work center performs A/C repair, painting, janitorial services, carpentry, and electrical repair.

Wastestream as Identified in the Scope of Work and Use:
Waste oil (contaminated with freon) generated from A/C repair

TDEC Code: Pending analysis

Documents Reviewed[1]: M PPP/HW Minimization Plan A HMIS

M Part B Permit A HW Management Plan A MSDS

M 1991, M 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: MWRREES-01
Storage Location Description:

Inside workshop

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

Two 5-gallon plastic buckets, no lid, good condition

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt TBD Listed NA Characteristic

L Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:
Recycle in accordance with 40 CFR 279 used oil regulations. Analyze for metals, flash point and total halogens.

General Comments:

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: MWR Vehicle Maintenance

Work Center Contact: Mr. Demery

Building Number: N-1211

Work Center Phone: 873-5628

Work Center Activity Description:

This work center performs maintenance and minor repair of various vehicles and ancillary equipment of MWR.

Wastestream as Identified in the Scope of Work and Use:

Spent absorbent (speedy dry)

TDEC Code: None

Documents Reviewed[1]: M PPP/HW Minimization Plan

A HMIS(oil, etc.)

NM Part B Permit

NM HW Management Plan

A MSDS(oil, etc.)

NM 1991, NM 1992, NM 1993 Wastestream Report

NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: MWRVM-01

Storage Location Description:

Inside maintenance area

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

55-gallon metal drum, good condition

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste

NA Exempt

NA Listed

TBD Characteristic

S Physical Characteristic (Solid or Liquid)

NA Special Waste

Recommended Analysis or Handling Practices:

Analyze for TCLP metals and TCLP volatiles.

General Comments:
Disposed of by NAS HW.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: MWR Vehicle Maintenance

Work Center Contact: Mr. Demery

Building Number: N-1211

Work Center Phone: 873-5628

Work Center Activity Description:

This work center performs maintenance and minor repair of various vehicles and ancillary equipment of MWR.

Wastestream as Identified in the Scope of Work and Use:

Empty aerosol cans from vehicle maintenance and repair (i.e., engine, oil, lubricant)

TDEC Code: None

Documents Reviewed[1]: A PPP/HW Minimization Plan — A HMIS

NM Part B Permit — NM HW Management Plan — A MSDS

NM 1991, NM 1992, NM 1993 Wastestream Report — NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: MWRVM-01
Storage Location Description:
Auto Hobby Shop

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:
Plastic bag or box

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste — NA Exempt — NA Listed — NA Characteristic

S Physical Characteristic (Solid or Liquid) — NA Special Waste

Recommended Analysis or Handling Practices:
Collect, puncture, and recycle aerosol cans. User knowledge, no analysis recommended.

General Comments:
Taken to Auto Hobby Shop.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: MWR Vehicle Maintenance — Work Center Contact: Mr. Demery

Building Number: N-1211 — Work Center Phone: 873-5628

Work Center Activity Description:

This work center performs maintenance and minor repair of various vehicles and ancillary equipment of MWR.

Wastestream as Identified in the Scope of Work and Use:

Used Antifreeze

TDEC Code: None

Documents Reviewed[1]: A PPP/HW Minimization Plan — A HMIS

NM Part B Permit — NM HW Management Plan — A MSDS

NM 1991, NM 1992, NM 1993 Wastestream Report — NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: MWRVM-01
Storage Location Description:
Inside maintenance shop

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:
5-gallon plastic bucket, good condition

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste — X Exempt — NA Listed — TBD Characteristic

L Physical Characteristic (Solid or Liquid) — NA Special Waste

Recommended Analysis or Handling Practices:
Collect and recycle used antifreeze. Analyze for TCLP metals if not recycled.

General Comments:
When full, bucket is taken to car wash and put down the sewer drain. NAS Memphis has permission to dispose 1,400 gallons down the sewer per year.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: MWR Vehicle Maintenance

Work Center Contact: Mr. Demery

Building Number: N-1211

Work Center Phone: 873-5628

Work Center Activity Description:

This work center performs maintenance and minor repair of various vehicles and ancillary equipment of MWR.

Wastestream as Identified in the Scope of Work and Use:

Used Batteries (6 volt lead)

TDEC Code: None

Documents Reviewed[1]: M PPP/HW Minimization Plan A HMIS

NM Part B Permit NM HW Management Plan A MSDS

NM 1991, NM 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: MWRVM-01
Storage Location Description:
Outside, under aluminum quansit shed

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:
Batteries are stored on a wooden pallet

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed X Characteristic

S Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:
Collect and recycle the used batteries; no analysis recommended.

General Comments:
Recycled through American or Southern Batteries.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: MWR Vehicle Maintenance

Work Center Contact: Mr. Demery

Building Number: N-1211

Work Center Phone: 873-5628

Work Center Activity Description:

This work center performs maintenance and minor repair of various vehicles and ancillary equipment of MWR.

Wastestream as Identified in the Scope of Work and Use:

Empty gas cylinders

TDEC Code: None

Documents Reviewed[1]: A PPP/HW Minimization Plan A HMIS

NM Part B Permit NM HW Management Plan A MSDS

NM 1991, NM 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: MWRVM-01
Storage Location Description:
Inside maintenance building

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

Various size metal pressurized cylinders

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed NA Characteristic

S Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:
User knowledge, no analysis recommended.

General Comments:
Recycled/refilled by Navy Supply.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: MWR Vehicle Maintenance Work Center Contact: Mr. Demery

Building Number: N-1211 Work Center Phone: 873-5628

Work Center Activity Description:

This work center performs maintenance and minor repair of various vehicles and ancillary equipment of MWR.

Wastestream as Identified in the Scope of Work and Use:

Used hydraulic fluid

TDEC Code: None

Documents Reviewed[1]: A PPP/HW Minimization Plan A HMIS

M Part B Permit A HW Management Plan A MSDS

NM 1991, NM 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: MWRVM-01
Storage Location Description:

Outside, under aluminum quansit shed

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

300-gallon metal AST with a plastic retaining catch basin underneath, good condition

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed TBD Characteristic

L Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:
Recycle in accordance with 40 CFR 279 used oil regulations. Analyze for metals, flash point, and total halogens.

General Comments:
Stored with used oil in AST. When full, Safety-Kleen pumps out and removes used oil.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: MWR Vehicle Maintenance Work Center Contact: Mr. Demery

Building Number: N-1211 Work Center Phone: 873-5628

Work Center Activity Description:

This work center performs maintenance and minor repair of various vehicles and ancillary equipment of MWR.

Wastestream as Identified in the Scope of Work and Use:

Metal shavings and cuttings contaminated with oil from shop equipment
(This wastestream was not identified in the scope of work.)

TDEC Code: None

Documents Reviewed[1]: NM PPP/HW Minimization Plan A HMIS

NM Part B Permit NM HW Management Plan NM MSDS

NM 1991, NM 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: Not discussed in PPP
Storage Location Description:

Inside maintenance area

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

Metal catch basin

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed NA Characteristic

S Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:
Recycle. User knowledge, no analysis recommended.

General Comments:
When full, basins are emptied into scrap metal dumpster.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: MWR Vehicle Maintenance — Work Center Contact: Mr. Demery

Building Number: N-1211 — Work Center Phone: 873-5628

Work Center Activity Description:

This work center performs maintenance and minor repair of various vehicles and ancillary equipment of MWR.

Wastestream as Identified in the Scope of Work and Use:

Empty oil and grease containers
(This wastestream was not identified in the scope of work for this work center.)

TDEC Code: None

Documents Reviewed[1]:

A PPP/HW Minimization Plan	A HMIS (oil & grease)	
NM Part B Permit	NM HW Management Plan	A MSDS (oil & grease)
NM 1991, NM 1992, NM 1993 Wastestream Report	NM 1991, NM 1992, NM 1993 Waste Profile Sheet	

Process ID Number: MWRVM-01
Storage Location Description:

None

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

Various size metal/plastic containers

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste	NA Exempt	NA Listed	NA Characteristic
S Physical Characteristic (Solid or Liquid)	NA Special Waste		

Recommended Analysis or Handling Practices:
Collect, drain, crush, and recycle empty containers. User knowledge, no analysis recommended.

General Comments:
The containers are drained and sent to Base Recycling.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: MWR Vehicle Maintenance

Work Center Contact: Mr. Demery

Building Number: N-1211

Work Center Phone: 873-5628

Work Center Activity Description:

This work center performs maintenance and minor repair of various vehicles and ancillary equipment of MWR.

Wastestream as Identified in the Scope of Work and Use:

Rags contaminated with grease and/or oil

TDEC Code: None

Documents Reviewed[1]:

A PPP/HW Minimization Plan	A HMIS (oil & grease)	
NM Part B Permit	NM HW Management Plan	A MSDS (oil & grease)
NM 1991, NM 1992, NM 1993 Wastestream Report	NM 1991, NM 1992, NM 1993 Waste Profile Sheet	

Process ID Number: MWRVM-01

Storage Location Description:

Inside auto maintenance area

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

55-gallon metal drum, good condition

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste	NA Exempt	NA Listed	TBD Characteristic
S Physical Characteristic (Solid or Liquid)	NA Special Waste		

Recommended Analysis or Handling Practices:
Collect, clean, and reuse contaminated rags. Analyze for TCLP (metals and volatiles).

General Comments:
When full, picked up by NAS HW for disposal.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: MWR Vehicle Maintenance Work Center Contact: Mr. Demery

Building Number: N-1211 Work Center Phone: 873-5628

Work Center Activity Description:

This work center performs maintenance and minor repair of various vehicles and ancillary equipment of MWR.

Wastestream as Identified in the Scope of Work and Use:

Scrap metal (i.e., bands, metal ends, etc.)
(This wastestream was not identified in the scope of work for this work center.)

TDEC Code: None

Documents Reviewed[1]: M PPP/HW Minimization Plan NA HMIS

NM Part B Permit NM HW Management Plan NA MSDS

NM 1991, NM 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: Not discussed in PPP
Storage Location Description:

Outdoor scrap metal dumpster

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

Demster Dumpster

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed NA Characteristic

S Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:
Recycle. User knowledge, no analysis recommended.

General Comments:
Scrap Metal Dumpster

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: MWR Vehicle Maintenance

Work Center Contact: Mr. Demery

Building Number: N-1211

Work Center Phone: 873-5628

Work Center Activity Description:

This work center performs maintenance and minor repair of various vehicles and ancillary equipment of MWR.

Wastestream as Identified in the Scope of Work and Use:

Waste solvent (Safety-Kleen)

TDEC Code: 35

Documents Reviewed[1]: A PPP/HW Minimization Plan A HMIS

NM Part B Permit NM HW Management Plan A MSDS

M 1991, M 1992, M 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: MWRVM-01
Storage Location Description:
Inside maintenance building

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:
One 55-gallon metal drum, good condition

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed X Characteristic

L Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:
Analyze for TCLP (metals and volatiles).

General Comments:
Safety-Kleen removes/replenishes monthly.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: MWR Vehicle Maintenance Work Center Contact: Mr. Demery

Building Number: N-1211 Work Center Phone: 873-5628

Work Center Activity Description:

This work center performs maintenance and minor repair of various vehicles and ancillary equipment of MWR.

Wastestream as Identified in the Scope of Work and Use:

Used tires

TDEC Code: None

Documents Reviewed[1]: M PPP/HW Minimization Plan NA HMIS

NM Part B Permit NM HW Management Plan NA MSDS

NM 1991, NM 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: MWRVM-01
Storage Location Description:

Outside

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

None

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed NA Characteristic

S Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:
Recycle. User knowledge, no analysis recommended.

General Comments:
Taken to DRMO for disposal.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: MWR Vehicle Maintenance

Work Center Contact: Mr. Demery

Building Number: N-1211

Work Center Phone: 873-5628

Work Center Activity Description:

This work center performs maintenance and minor repair of various vehicles and ancillary equipment of MWR.

Wastestream as Identified in the Scope of Work and Use:

Used Oil

TDEC Code: 24

Documents Reviewed[1]: M PPP/HW Minimization Plan; A HMIS

M Part B Permit; M HW Management Plan; A MSDS

M 1991, M 1992, M 1993 Wastestream Report; NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: MWRVM-01
Storage Location Description:
Outside, under aluminum quansit shed

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:
300-gallon metal AST with a plastic retaining catch basin underneath, good condition

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste; NA Exempt; NA Listed; TBD Characteristic

L Physical Characteristic (Solid or Liquid); NA Special Waste

Recommended Analysis or Handling Practices:
Recycle the used oil. Analyze for metals, flash point, and total halogens.

General Comments:
When full, Safety-Kleen pumps out and removes used oil. Stored with used hydraulic fluid.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: MWR Vehicle Maintenance Work Center Contact: Mr. Demery

Building Number: N-1211 Work Center Phone: 873-5628

Work Center Activity Description:

This work center performs maintenance and minor repair of various vehicles and ancillary equipment of MWR.

Wastestream as Identified in the Scope of Work and Use:

- Used oil filters

TDEC Code: None

Documents Reviewed[1]: A PPP/HW Minimization Plan NA HMIS (oil)

NM Part B Permit NM HW Management Plan NA MSDS (oil)

NM 1991, NM 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: MWRVM-01
Storage Location Description:

Inside maintenance area

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

35-gallon metal drum, good condition

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed TBD Characteristic

S Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:
Collect used oil filters, drain, crush and recycle the oil and metal. Analyze for TCLP (metals and volatiles).

General Comments:
Taken to Auto Hobby Shop for disposal.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: MWR Vehicle Maintenance Work Center Contact: Mr. Demery

Building Number: N-1211 Work Center Phone: 873-5628

Work Center Activity Description:

This work center performs maintenance and minor repair of various vehicles and ancillary equipment of MWR.

Wastestream as Identified in the Scope of Work and Use:

Wastewater from steam cleaning
(This sludge wastestream was not identified in the scope of work.)

TDEC Code: None

Documents Reviewed[1]: NM PPP/HW Minimization Plan NA HMIS

NM Part B Permit NM HW Management Plan NA MSDS

NM 1991, NM 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: MWRVM-01
Storage Location Description:
NA

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:
NA

Preliminary Waste Code Determination[2] (40 CFR 261):

NA Solid Waste X Exempt NA Listed TBD Characteristic

L Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:
Analyze for TCLP metal and TCLP volatiles.

General Comments:
Goes to oil/water separator.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: Dyncorp Electric/Carpentry

Work Center Contact: George Burns

Building Number: S-77

Work Center Phone: 873-7235

Work Center Activity Description:

This work center performs general carpentry and maintenance of electrical equipment for NAS Memphis.

Wastestream as Identified in the Scope of Work and Use:

Waste ballasts (possible PCB contamination)

TDEC Code: None

Documents Reviewed[1]: NM PPP/HW Minimization Plan NA HMIS

NM Part B Permit NM HW Management Plan NA MSDS

NM 1991, NM 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: Not discussed in PPP.
Storage Location Description:

Inside electronics shop in Bldg. S-77

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

55-gallon metal drum

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed NA Characteristic

S Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:
If ballasts are not, marked "PCB Free", ballasts are sent off via NAS Memphis' PCB disposal contractor since there is usually not enough material in the ballast to provide an analysis. Also, the expense of sampling would be cost prohibitive.

General Comments:

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: Dyncorp Electric/Carpentry Work Center Contact: George Burns

Building Number: S-77 Work Center Phone: 873-7235

Work Center Activity Description:

This work center performs general carpentry and maintenance of electrical equipment for NAS Memphis.

Wastestream as Identified in the Scope of Work and Use:

Used lead acid batteries

TDEC Code: None

Documents Reviewed[1]: __M__ PPP/HW Minimization Plan __NA__ HMIS

__NM__ Part B Permit __NM__ HW Management Plan __A__ MSDS

__NM__ 1991, __NM__ 1992, __NM__ 1993 Wastestream Report __NM__ 1991, __NM__ 1992, __NM__ 1993 Waste Profile Sheet

Process ID Number: DYNELEC-01
Storage Location Description:

Inside electronics shop in Bldg. S-77

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

Six 55-gallon metal drums, good condition; larger batteries are stored on pallets

Preliminary Waste Code Determination[2] (40 CFR 261):

__X__ Solid Waste __NA__ Exempt __NA__ Listed __X__ Characteristic

__S__ Physical Characteristic (Solid or Liquid) __NA__ Special Waste

Recommended Analysis or Handling Practices:

Analyze for pH and TCLP metal if batteries are not recycled.

General Comments:
Recycled through DRMO. Dyncorp must keep a count of batteries in each drum..

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream
[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: Dyncorp Electric/Carpentry Work Center Contact: George Burns

Building Number: S-77 Work Center Phone: 873-7235

Work Center Activity Description:

This work center performs general carpentry and maintenance of electrical equipment for NAS Memphis.

Wastestream as Identified in the Scope of Work and Use:

Recoverable freon generated through air conditioner system work (i.e., bleeding lines)

TDEC Code: None

Documents Reviewed[1]: NM PPP/HW Minimization Plan A HMIS

M Part B Permit M HW Management Plan A MSDS

NM 1991, NM 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: DYNELEC-01
Storage Location Description:

Inside Bldg. S-77

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

original metal freon containers

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt X Listed NA Characteristic

L Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:

Recycle the freon. User knowledge, no analysis recommended.

General Comments:
Recycled through a Memphis recycling company, if possible. If not, then taken to DRMO.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: Dyncorp Electric/Carpentry Work Center Contact: George Burns

Building Number: S-77 Work Center Phone: 873-7235

Work Center Activity Description:

This work center performs general carpentry and maintenance of electrical equipment for NAS Memphis.

Wastestream as Identified in the Scope of Work and Use:

Waste fluorescent light tubes

TDEC Code: None

Documents Reviewed[1]: NM PPP/HW Minimization Plan NA HMIS

NM Part B Permit NM HW Management Plan NA MSDS

NM 1991, NM 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: Not discussed in PPP.
Storage Location Description:

Inside Bldg. S-77

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

cardboard boxes (from original lighting fixtures)

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed X Characteristic

S Physical Characteristic (Solid or Liquid) X Special Waste

Recommended Analysis or Handling Practices:

Analyze for TCLP metal (mercury).

General Comments:
Taken behind HW Building N-1694 prior to pickup for disposal.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: Dyncorp Electric/Carpentry

Work Center Contact: George Burns

Building Number: S-77

Work Center Phone: 873-7235

Work Center Activity Description:

This work center performs general carpentry and maintenance of electrical equipment for NAS Memphis.

Wastestream as Identified in the Scope of Work and Use:

Oil contaminated with freon generated through replacing compressors.

TDEC Code: 5

Documents Reviewed[1]: M PPP/HW Minimization Plan M HMIS

NM Part B Permit NM HW Management Plan M MSDS

NM 1991, NM 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: Not discussed in PPP.
Storage Location Description:

Not stored at the time of the site visit

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

55-gallon metal drums

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt X Listed NA Characteristic

L Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:

Store in satellite accumulation area prior to obtaining samples. Analyze for metals and halogenated volatiles.

General Comments:
Would be taken to DRMO for disposal

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: Dyncorp Electric/Carpentry

Work Center Contact: George Burns

Building Number: S-77

Work Center Phone: 873-7235

Work Center Activity Description:

This work center performs general carpentry and maintenance of electrical equipment for NAS Memphis.

Wastestream as Identified in the Scope of Work and Use:

Empty paint cans

TDEC Code: None

Documents Reviewed[1]: NM PPP/HW Minimization Plan A HMIS

NM Part B Permit NM HW Management Plan A MSDS

NM 1991, NM 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: DYNPAINT-01
Storage Location Description:

satellite accumulation building

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

10-gallon metal drum, good condition

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed NA Characteristic

S Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:

Collect, drain, crush and recycle metal cans. User knowledge, no analysis recommended.

General Comments:

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: Dyncorp Electric/Carpentry Work Center Contact: George Burns

Building Number: S-77 Work Center Phone: 873-7235

Work Center Activity Description:

This work center performs general carpentry and maintenance of electrical equipment for NAS Memphis.

Wastestream as Identified in the Scope of Work and Use:

Rags generated from staining operation in carpentry shop.

TDEC Code: None

Documents Reviewed[1]: NM PPP/HW Minimization Plan NA HMIS

NM Part B Permit NM HW Management Plan NA MSDS

NM 1991, NM 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: DYNPAINT-02
Storage Location Description:

Inside the carpentry shop

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

15-gallon metal drum, good condition

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed NA Characteristic

S Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:

Collect, clean, and reuse contaminated rags. Avoid cross contamination with other waste streams. User knowledge, no analysis recommended.

General Comments:
Would be taken to DRMO for disposal

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: Dyncorp Boiler/Maintenance Work Center Contact: George Burns

Building Number: H-100 Work Center Phone: 873-7235

Work Center Activity Description:

This work center performs boiler water testing modifications and HVAC facility maintenance.

Wastestream as Identified in the Scope of Work and Use:

Waste ballasts (possible PCB contamination)

TDEC Code: None

Documents Reviewed[1]: NM PPP/HW Minimization Plan NA HMIS

NM Part B Permit NM HW Management Plan NA MSDS

NM 1991, NM 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: Not discussed in PPP.
Storage Location Description:

Bldg. S-77 Electric Shop

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

10-gal drum

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed NA Characteristic

S Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:
If ballasts are not marked "PCB Free", ballasts are sent off via NAS Memphis' PCB disposal contractor since there is usually not enough material in the ballast to provide an analysis. Also, the expense of sampling each ballast would be cost prohibitive.

General Comments:

Stored at S-77 Electric Shop.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream
[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: Dyncorp Boiler/Maintenance

Work Center Contact: George Burns

Building Number: H-100

Work Center Phone: 873-7235

Work Center Activity Description:

This work center performs boiler water testing modifications and HVAC facility maintenance.

Wastestream as Identified in the Scope of Work and Use:

Lead Acid Batteries

TDEC Code: None

Documents Reviewed[1]: M PPP/HW Minimization Plan NA HMIS

NM Part B Permit NM HW Management Plan A MSDS

NM 1991, NM 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: Not discussed in PPP.
Storage Location Description:

Inside Electric Shop (S-77)

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

55-gallon drum, good condition

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed X Characteristic

S Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:

Return to vendor for recycle. Analyze for TCLP metal and pH if not recycled.

General Comments:
The lead acid batteries are taken to the Dyncorp Electric Shop or to DRMO.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: Dyncorp Boiler/Maintenance

Work Center Contact: George Burns

Building Number: H-100

Work Center Phone: 873-7235

Work Center Activity Description:

This work center performs boiler water testing modifications and HVAC facility maintenance.

Wastestream as Identified in the Scope of Work and Use:

Empty chemical containers (plastic and metal) which previously contained boiler chemicals or maintenance products.

TDEC Code: None

Documents Reviewed[1]: M PPP/HW Minimization Plan NA HMIS

NM Part B Permit NM HW Management Plan A MSDS

NM 1991, NM 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: DYNBOIL-01
Storage Location Description:

Stored outside in caged area

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

55-gallon metal and plastic drums, good condition

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed NA Characteristic

S Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:

Collect and rinse containers; then crush and recycle. User knowledge, no analysis recommended.

General Comments:
The plastic drums are triple rinsed and given away. The rinsate goes down the drain. The metal drums are crushed and given to DRMO.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: Dyncorp Boiler/Maintenance

Work Center Contact: George Burns

Building Number: H-100

Work Center Phone: 873-7235

Work Center Activity Description:

This work center performs boiler water testing modifications and HVAC facility maintenance.

Wastestream as Identified in the Scope of Work and Use:

Fluorescent lights

TDEC Code: None

Documents Reviewed[1]: NM PPP/HW Minimization Plan NA HMIS

NM Part B Permit NM HW Management Plan NA MSDS

NM 1991, NM 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: Not discussed in PPP.
Storage Location Description:

Inside Building H-100

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

original cardboard container

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed X Characteristic

S Physical Characteristic (Solid or Liquid) X Special Waste

Recommended Analysis or Handling Practices:
Analyze for TCLP metal (mercury).

General Comments:
The lights are taken to Building N-1694.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: Dyncorp Boiler/Maintenance

Work Center Contact: George Burns

Building Number: H-100

Work Center Phone: 873-7235

Work Center Activity Description:

This work center performs boiler water testing modifications and HVAC facility maintenance.

Wastestream as Identified in the Scope of Work and Use:

Rags w/Oil and Grease

TDEC Code: None

Documents Reviewed[1]: M PPP/HW Minimization Plan A HMIS (oil and grease)

NM Part B Permit NM HW Management Plan A MSDS (oil and grease)

NM 1991, NM 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: DYNBOIL-02
Storage Location Description:

stored inside maintenance service center

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

10-gallon metal drum

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed TBD Characteristic

S Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:

Collect, clean, and reuse contaminated rags. Analyze for TCLP metals and TCLP volatiles.

General Comments:
When the drum becomes full, it is taken to Dyncorp Transportation (Building S-9).

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: Dyncorp Boiler/Maintenance

Work Center Contact: George Burns

Building Number: H-100

Work Center Phone: 873-7235

Work Center Activity Description:

This work center performs boiler water testing modifications and HVAC facility maintenance.

Wastestream as Identified in the Scope of Work and Use:

Used Air Filters

TDEC Code: None

Documents Reviewed[1]: NM PPP/HW Minimization Plan NA HMIS

NM Part B Permit NM HW Management Plan NA MSDS

NM 1991, NM 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: DYNBOIL-02
Storage Location Description:

BFI dumpster

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

BFI dumpster

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed NA Characteristic

S Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:
User knowledge, no analysis recommended.

General Comments:
The air filters are placed in the dumpster and transported to a landfill by BFI.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: Dyncorp Boiler/Maintenance Work Center Contact: George Burns

Building Number: H-100 Work Center Phone: 873-7235

Work Center Activity Description:

This work center performs boiler water testing modifications and HVAC facility maintenance.

Wastestream as Identified in the Scope of Work and Use:

Used freon

TDEC Code: None

Documents Reviewed[1]: NM PPP/HW Minimization Plan A HMIS

M Part B Permit M HW Management Plan A MSDS

NM 1991, NM 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: DYNBOIL-02
Storage Location Description:

Inside Electric Shop (S-77)

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

5-gallon metal freon containers (similar to propane cylinders)

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt X Listed NA Characteristic

L Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:
Recycle the used freon. User knowledge, no analysis recommended.

General Comments:
The cylinders are transported to Building S-77, then to NTCC, Incorporated where the freon is recovered.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream
[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: Dyncorp Boiler/Maintenance

Work Center Contact: George Burns

Building Number: H-100

Work Center Phone: 873-7235

Work Center Activity Description:

This work center performs boiler water testing modifications and HVAC facility maintenance.

Wastestream as Identified in the Scope of Work and Use:

Used Oil

TDEC Code: 24

Documents Reviewed[1]: M PPP/HW Minimization Plan A HMIS

M Part B Permit M HW Management Plan A MSDS

NM 1991, M 1992, M 1993 Wastestream Report NM 1991, M 1992, NM 1993 Waste Profile Sheet

Process ID Number: DYNBOIL-02

Storage Location Description:

Stored inside maintenance service center (H-100)

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

1-gallon plastic jugs

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed TBD Characteristic

L Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:

Recycle after analyzing samples for metal, flash point, and total halogens.

General Comments:
The contents of the jugs are emptied into the used oil UST at the Dyncorp Transportation (Building S-9).

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: Dyncorp Locksmith/Air Filter Shop Work Center Contact: George Burns

Building Number: S-235 Work Center Phone: 873-7235

Work Center Activity Description:

Air filter storage and locksmith office

Wastestream as Identified in the Scope of Work and Use:

Asbestos roofing materials

TDEC Code: None

Documents Reviewed[1]: NM PPP/HW Minimization Plan NA HMIS

NM Part B Permit M HW Management Plan NA MSDS

NM 1991, NM 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: Not discussed in PPP.
Storage Location Description:

Inside building (asbestos room)

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

yellow plastic bags (asbestos), 5-gallon plastic pails (tar)

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed NA Characteristic

S Physical Characteristic (Solid or Liquid) X Special Waste

Recommended Analysis or Handling Practices:

Double bag and dispose of as special waste. Perform bulk analysis.

General Comments:
Dyncorp personnel puts the waste in the BFI asbestos dumpster at Public Works.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: Dyncorp Locksmith/Air Filter Shop Work Center Contact: George Burns

Building Number: S-235 Work Center Phone: 873-7235

Work Center Activity Description:

Air filter storage and locksmith office.

Wastestream as Identified in the Scope of Work and Use:

Empty freon containers

TDEC Code: None

Documents Reviewed[1]: NM PPP/HW Minimization Plan NA HMIS

M Part B Permit M HW Management Plan NA MSDS

NM 1991, NM 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: Not discussed in PPP.
Storage Location Description:

Inside building

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

Metal freon containers

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed NA Characteristic

S Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:

Refill and reuse, if possible. User knowledge, no analysis recommended.

General Comments:
The freon cylinders are crushed prior to turn-in to DRMO as scrap metal.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream
[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: Dyncorp Paint

Work Center Contact: George Burns

Building Number: S-183

Work Center Phone: 873-7235

Work Center Activity Description:

This work center performs general painting of NAS Memphis facilities.

Wastestream as Identified in the Scope of Work and Use:

Empty paint cans

TDEC Code: None

Documents Reviewed[1]: NM PPP/HW Minimization Plan NA HMIS

NM Part B Permit M HW Management Plan A MSDS (paint)

NM 1991, NM 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: DYNPAINT-01
Storage Location Description:

satellite accumulation building

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

10-gallon metal drum, good condition

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed NA Characteristic

S Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:

Collect, drain, crush, and recycle metal cans.

General Comments:

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: Dyncorp Pest Control

Work Center Contact: George Burns

Building Number: S-1669

Work Center Phone: 873-7235

Work Center Activity Description:

This work center performs pest and weed control for all of NAS Memphis, except for MWR facilities.

Wastestream as Identified in the Scope of Work and Use:

Empty Aerosol Cans

TDEC Code: None

Documents Reviewed[1]: M PPP/HW Minimization Plan NA HMIS

M Part B Permit NM HW Management Plan A MSDS

NM 1991, NM 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: DYNPEST-01
Storage Location Description:

Stored in back room inside the building

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

metal aerosol cans, various sizes (i.e., 10 oz, 16 oz) in good condition

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed NA Characteristic

S Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:

Collect, puncture, and recycle aerosol cans. User knowledge, no analysis recommended.

General Comments:
The cans are turned in to N-1694.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: Dyncorp Pest Control

Work Center Contact: George Burns

Building Number: S-1669

Work Center Phone: 873-7235

Work Center Activity Description:

This work center performs pest and weed control for all of NAS Memphis, except for MWR facilities.

Wastestream as Identified in the Scope of Work and Use:

Empty paper bags previously containing pesticides
(This wastestream was not identified in the scope of work.)

TDEC Code: None

Documents Reviewed[1]: NM PPP/HW Minimization Plan NA HMIS

M Part B Permit NM HW Management Plan A MSDS

NM 1991, NM 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: DYNPEST-02
Storage Location Description:

The empty bags are not stored.

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

Empty paper bags (i.e., 25# and 40#)

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed NA Characteristic

S Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:

Follow manufacturer recommendation.

General Comments:
The bags are disposed in dumpster.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: Dyncorp Pest Control

Work Center Contact: George Burns

Building Number: S-1669

Work Center Phone: 873-7235

Work Center Activity Description:

This work center performs pest and weed control for all of NAS Memphis, except for MWR facilities.

Wastestream as Identified in the Scope of Work and Use:

Empty plastic containers
(This wastestream was not identified in the scope of work.)

TDEC Code: None

Documents Reviewed[1]: NM PPP/HW Minimization Plan NA HMIS

M Part B Permit NM HW Management Plan A MSDS

NM 1991, NM 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: DYNPEST-01 and 02
Storage Location Description:

stored in back room inside building

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

various size plastic containers from 1 pt to 2.5 gallons; good condition

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed NA Characteristic

S Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:

Collect, drain, rinse, crush, and recycle containers. User knowledge, no analysis recommended.

General Comments:
The containers are triple rinsed and disposed in the dumpster.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: Dyncorp Pest Control

Work Center Contact: George Burns

Building Number: S-1669

Work Center Phone: 873-7235

Work Center Activity Description:

This work center performs pest and weed control for all of NAS Memphis, except for MWR facilities.

Wastestream as Identified in the Scope of Work and Use:

Empty 55-gallon plastic drums
(This wastestream was not identified in the scope of work.)

TDEC Code: None

Documents Reviewed[1]: NM PPP/HW Minimization Plan NA HMIS

M Part B Permit NM HW Management Plan A MSDS

NM 1991, NM 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: DYNPEST-01 and 02

Storage Location Description:

Inside building until empty

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

55-gallon plastic drum; good condition

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed NA Characteristic

S Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:

Collect, rinse, and recycle (or return to vendor). User knowledge, no analysis recommended.

General Comments:
When emptied, the drums are triple rinsed and recycled (i.e., cut in half and used in decon situations or returned to vendor). (Rinsate is used as raw material in the formulation of pesticides for application).

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: Dyncorp Reuse Store

Work Center Contact: George Burns

Building Number: S-203

Work Center Phone: 873-7235

Work Center Activity Description:

This work center reissues returned usable products.

Wastestream as Identified in the Scope of Work and Use:

Expired/unusable products

TDEC Code: Various possible

Documents Reviewed[1]: NA PPP/HW Minimization Plan M HMIS

M Part B Permit M HW Management Plan M MSDS

NA 1991, NA 1992, NA 1993 Wastestream Report NA 1991, NA 1992, NA 1993 Waste Profile Sheet

Process ID Number: Not discussed in PPP.
Storage Location Description:

Inside Building S-203

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

various sizes, original containers

Preliminary Waste Code Determination[2] (40 CFR 261):

TBD Solid Waste NA Exempt TBD Listed TBD Characteristic

S & L Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:

Determine analysis on a case-by-case basis. User knowledge, no analysis recommended.

General Comments:
Future expired items will be transported to Dyncorp satellite accumulation building (S-1238) for disposal.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: Dyncorp

Work Center Contact: George Burns

Building Number: Near S-75

Work Center Phone: 873-7235

Work Center Activity Description:

Oil/water generated from cleaning the 18 oil/water separators throughout NAS Memphis.

Wastestream as Identified in the Scope of Work and Use:

Oil/water/sludge

TDEC Code: 43, 56

Documents Reviewed[1]: NM PPP/HW Minimization Plan NA HMIS

NM Part B Permit NM HW Management Plan NA MSDS

NM 1991, M 1992, NM 1993 Wastestream Report NM 1991, M 1992, NM 1993 Waste Profile Sheet

Process ID Number: DYNBOIL-03
Storage Location Description:

Stored in outdoor secured (fenced) area until analytical results have come.

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

55-gallon metal drums, labelled, in good condition

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed TBD Characteristic

L/S Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:

Analyze for flash point, TCLP (metal and volatile) prior to disposal.

General Comments:
If the material is found to be nonhazardous, the separator water is drained off into the separator and the sludge is dried prior to disposal at a landfill. If hazardous, the Navy disposes of it.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: Dyncorp Steam Plant

Work Center Contact: George Burns

Building Number: S-75

Work Center Phone: 873-7235

Work Center Activity Description:

This work center provides steam (i.e., boils water) for NAS Memphis.

Wastestream as Identified in the Scope of Work and Use:

Absorbent (speedy dry)
(This work center was not identified in the scope of work.)

TDEC Code: None

Documents Reviewed[1]: NM PPP/HW Minimization Plan NA HMIS

NM Part B Permit NM HW Management Plan NA MSDS

NM 1991, NM 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: Not discussed in PPP.
Storage Location Description:

Inside steam plant

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

55-gallon metal drum

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed TBD Characteristic

S Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:

The speedy dry could possibly be hazardous. Analyze for TCLP metals and TCLP volatiles.

General Comments:
When full, the drum is taken to the Dyncorp satellite accumulation building (S-1238) for disposal.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: Dyncorp Steam Plant

Work Center Contact: George Burns

Building Number: S-75

Work Center Phone: 873-7235

Work Center Activity Description:

This work center provides steam (i.e., boils water) for NAS Memphis.

Wastestream as Identified in the Scope of Work and Use:

Ashes from burning classified documents
(This work center was not identified in the scope of work.)

TDEC Code: None

Documents Reviewed[1]: NM PPP/HW Minimization Plan NA HMIS

NM Part B Permit NM HW Management Plan NA MSDS

NM 1991, NM 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: Not discussed in PPP.
Storage Location Description:

incinerator

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

incinerator

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed TBD Characteristic

S Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:

Yearly analysis of ash, for TCLP metals, is needed. Handle ash in accordance with analytical results as either solid waste or hazardous waste.

General Comments:
BFI removes ashes from the dumpster.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: Dyncorp Steam Plant

Work Center Contact: George Burns

Building Number: S-75

Work Center Phone: 873-7235

Work Center Activity Description:

This work center provides steam (i.e., boils water) for NAS Memphis.

Wastestream as Identified in the Scope of Work and Use:

Empty bags which previous contained boiler ingredients (i.e., caustic flakes)
(This work center was not identified in the scope of work.)

TDEC Code: None

Documents Reviewed[1]: NM PPP/HW Minimization Plan NA HMIS

NM Part B Permit NM HW Management Plan A MSDS

NM 1991, NM 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: Not discussed in PPP.
Storage Location Description:

Not stored when empty. Full bags are stored inside the steam plant.

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

Paper bags

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed NA Characteristic

S Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:

User knowledge, no analysis recommended.

General Comments:
The empty bags are thrown in the dumpster.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream
[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: Dyncorp Steam Plant

Work Center Contact: George Burns

Building Number: S-75

Work Center Phone: 873-7235

Work Center Activity Description:

This work center provides steam (i.e., boils water) for NAS Memphis.

Wastestream as Identified in the Scope of Work and Use:

Empty metal drum previously containing boiler ingredients, motor oil and/or kerosene
(This work center was not identified in the scope of work.)

TDEC Code: None

Documents Reviewed[1]: NM PPP/HW Minimization Plan NA HMIS

NM Part B Permit NM HW Management Plan A MSDS

NM 1991, NM 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: Not discussed in PPP.
Storage Location Description:

Empty metal drum previously containing boiler ingredients are stored inside the steam plant; drums containing motor oil and kerosene are mounted on racks in outdoor area with metal roof.

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

35-gallon metal drums (boiler) and 55-gallon drums (motor oil and kerosene), good condition

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed NA Characteristic

S Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:

User knowledge, no analysis recommended.

General Comments:
The drums previously containing boiler ingredients are rinsed and cut to pieces for disposal in scrap metal dumpster. The rinsate goes into the sanitary sewer. The motor oil and kerosene drums are exchanged or refilled by the vendor.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: Dyncorp Transportation — Work Center Contact: George Burns

Building Number: S-9 — Work Center Phone: 873-7235

Work Center Activity Description:

This work center performs fluid services, cleaning, painting, and other miscellaneous repairs to Navy vehicles.

Wastestream as Identified in the Scope of Work and Use:

Grease tubes (Citgo Premium Lithium grease)

TDEC Code: None

Documents Reviewed[1]: NM PPP/HW Minimization Plan — NA HMIS

NM Part B Permit — NM HW Management Plan — A MSDS

NM 1991, NM 1992, NM 1993 Wastestream Report — NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: DYNTRANS-01
Storage Location Description:

None

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

16 oz. cardboard tubes

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste — NA Exempt — NA Listed — NA Characteristic

S Physical Characteristic (Solid or Liquid) — NA Special Waste

Recommended Analysis or Handling Practices:

User knowledge, no analysis recommended.

General Comments:
When empty, the tubes are thrown away.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: Dyncorp Transportation

Work Center Contact: George Burns

Building Number: S-9

Work Center Phone: 873-7235

Work Center Activity Description:

This work center performs fluid services, cleaning, painting, and other miscellaneous repairs to Navy vehicles.

Wastestream as Identified in the Scope of Work and Use:

Used oil

TDEC Code: None

Documents Reviewed[1]: M PPP/HW Minimization Plan NA HMIS

M Part B Permit A HW Management Plan A MSDS (oil)

NM 1991, M 1992, M 1993 Wastestream Report NM 1991, M 1992, NM 1993 Waste Profile Sheet

Process ID Number: DYNTRANS-01
Storage Location Description:

Outside near heavy machinery repair shop

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

550-gallon UST

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed TBD Characteristic

L Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:

Handle in accordance with 40 CFR 279. Analyze for metal, flash point, and total halogens.

General Comments:
Used oil is poured into one of three access ports in the transportation buildings which drain into the 550-gallon UST which is pumped out by Maytag.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: Dyncorp Transportation

Work Center Contact: George Burns

Building Number: S-9

Work Center Phone: 873-7235

Work Center Activity Description:

This work center performs fluid services, cleaning, painting, and other miscellaneous repairs to Navy vehicles.

Wastestream as Identified in the Scope of Work and Use:

used oil filters

TDEC Code: None

Documents Reviewed[1]: NM PPP/HW Minimization Plan NA HMIS

NM Part B Permit NM HW Management Plan NA MSDS (oil)

NM 1991, NM 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: DYNTRANS-01

Storage Location Description:

Inside wing B of the transportation building (near filter crushing machine)

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

55-gallon metal drum, good condition

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed TBD Characteristic

S Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:

Collect used oil filters, drain, crush and recycle the oil and metal. Analyze for TCLP metals and TCLP volatiles.

General Comments:
The filters are drained for 12 hours in a 5-gallon bucket which is dumped into the UST port. After the filters have dried, they are crushed in the machine, then stored in a 55-gallon drum which is taken to the Dyncorp satellite accumulation building (S-1238) for disposal (when full).

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: Dyncorp Water Treatment

Work Center Contact: George Burns

Building Number: S-772

Work Center Phone: 873-7235

Work Center Activity Description:

This work center performs drinking water quality testing, chemical additions, and maintains swimming pools and sewer lift stations.

Wastestream as Identified in the Scope of Work and Use:

Empty plastic containers which previously contained chemicals

TDEC Code: None

Documents Reviewed[1]: NM PPP/HW Minimization Plan NA HMIS

NM Part B Permit NM HW Management Plan M MSDS (chemical)

NM 1991, NM 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: DYNWTP-01, 02, and 03
Storage Location Description:

None

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

various sizes of plastic containers

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed NA Characteristic

S Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:

Collect, rinse, and recycle plastic containers. User knowledge, no analysis recommended.

General Comments:
Containers are triple rinsed and given away or thrown in the dumpster.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: Dyncorp Water Treatment

Work Center Contact: George Burns

Building Number: S-772

Work Center Phone: 873-7235

Work Center Activity Description:

This work center performs drinking water quality testing, chemical additions, and maintains swimming pools and sewer lift stations.

Wastestream as Identified in the Scope of Work and Use:

Waste rinsate from chemicals used/backwash from filter system

TDEC Code: None

Documents Reviewed[1]: M PPP/HW Minimization Plan NA HMIS

NM Part B Permit NM HW Management Plan NA MSDS

NM 1991, NM 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: DYNWTP-01
Storage Location Description:

None

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

None

Preliminary Waste Code Determination[2] (40 CFR 261):

TBD Solid Waste NA Exempt NA Listed TBD Characteristic

L Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:

Analyze for TCLP metals and volatiles.

General Comments:
The rinsate and backwash from the filter system is allowed to go down the sewer system.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: Dyncorp Transportation

Work Center Contact: George Burns

Building Number: S-9

Work Center Phone: 873-7235

Work Center Activity Description:

This work center performs fluid services, cleaning, painting, and other miscellaneous repairs to Navy vehicles.

Wastestream as Identified in the Scope of Work and Use:

Absorbent (speedy dry) which is contaminated with materials used in vehicle maintenance (i.e., transmission fluid, power steering fluid, etc.)

TDEC Code: None

Documents Reviewed[1]: NM PPP/HW Minimization Plan NA HMIS

NM Part B Permit NM HW Management Plan A MSDS

NM 1991, NM 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: DYNTRANS-01
Storage Location Description:

Inside transportation building

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

55-gallon metal drum, good condition

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed TBD Characteristic

S Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:

Minimize spillage of materials that would warrant absorbents. Analyze for TCLP metals and TCLP volatiles.

General Comments:
When full, the drum is taken to the Dyncorp satellite accumulation building (S-1238) for disposal.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: Dyncorp Transportation — Work Center Contact: George Burns

Building Number: S-9 — Work Center Phone: 873-7235

Work Center Activity Description:

This work center performs fluid services, cleaning, painting, and other miscellaneous repairs to Navy vehicles.

Wastestream as Identified in the Scope of Work and Use:

Empty aerosol cans

TDEC Code: None

Documents Reviewed[1]: A PPP/HW Minimization Plan — NA HMIS

NM Part B Permit — NM HW Management Plan — A MSDS

NM 1991, NM 1992, NM 1993 Wastestream Report — NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: DYNTRANS-01
Storage Location Description:

Inside transportation building

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

cardboard box, good condition

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste — NA Exempt — NA Listed — NA Characteristic

S Physical Characteristic (Solid or Liquid) — NA Special Waste

Recommended Analysis or Handling Practices:

Collect, puncture, and recycle aerosol cans. User knowledge, no analysis recommended.

General Comments:
The empty cans are collected and taken to S-1238 to be punctured and disposed of.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: Dyncorp Transportation

Work Center Contact: George Burns

Building Number: S-9

Work Center Phone: 873-7235

Work Center Activity Description:

This work center performs fluid services, cleaning, painting, and other miscellaneous repairs to Navy vehicles.

Wastestream as Identified in the Scope of Work and Use:

Used antifreeze

TDEC Code: None

Documents Reviewed[1]: M PPP/HW Minimization Plan NA HMIS

NM Part B Permit NM HW Management Plan A MSDS

A 1991, A 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: DYNTRANS-01
Storage Location Description:

Inside Wing B of transportation building

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

7-gallon metal drum, good condition

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste X Exempt NA Listed TBD Characteristic

L Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:

Collect and recycle antifreeze. Avoid cross contamination with other waste streams. Analyze for TCLP metals.

General Comments:
When full, the antifreeze is dumped to city sewer system via restroom facilities. NAS Memphis has permission from the City of Millington to dispose of 1,400 gallons per year via the sewer (see attached letter).

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: Dyncorp Transportation

Work Center Contact: George Burns

Building Number: S-9

Work Center Phone: 873-7235

Work Center Activity Description:

This work center performs fluid services, cleaning, painting, and other miscellaneous repairs to Navy vehicles.

Wastestream as Identified in the Scope of Work and Use:

Used lead acid batteries

TDEC Code: None

Documents Reviewed[1]: M PPP/HW Minimization Plan NA HMIS

NM Part B Permit NM HW Management Plan A MSDS

NM 1991, NM 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: DYNTRANS-01
Storage Location Description:

Outside transportation building in secured area (inside courtyard)

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

On wooden pallets

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed X Characteristic

S Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:

Return to vendor for recycle. If the batteries are not recycled, analyze for pH and TCLP metal.

General Comments:
Recycled/exchanged by vendors

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: Dyncorp Transportation

Work Center Contact: George Burns

Building Number: S-9

Work Center Phone: 873-7235

Work Center Activity Description:

This work center performs fluid services, cleaning, painting, and other miscellaneous repairs to Navy vehicles.

Wastestream as Identified in the Scope of Work and Use:

Rags w/paint, oil, & grease

TDEC Code: None

Documents Reviewed[1]: M PPP/HW Minimization Plan NA HMIS

NM Part B Permit NM HW Management Plan A MSDS (paint, etc.)

NM 1991, NM 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: DYNTRANS-01
Storage Location Description:

Inside transportation building

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

15-gallon metal container, good condition

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed TBD Characteristic
S Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:

Collect, clean, and reuse contaminated rags. Analyze for TCLP metals and TCLP volatiles.

General Comments:
When full, the rags are placed in a bag taken to the Dycorp satellite accumulation building (S-1238) for disposal.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream
[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: Dyncorp Transportation

Work Center Contact: George Burns

Building Number: S-9

Work Center Phone: 873-7235

Work Center Activity Description:

This work center performs fluid services, cleaning, painting, and other miscellaneous repairs to Navy vehicles.

Wastestream as Identified in the Scope of Work and Use:

solvent filters

TDEC Code: None

Documents Reviewed[1]: NM PPP/HW Minimization Plan NA HMIS

NM Part B Permit NM HW Management Plan A MSDS (solvent)

NA 1991, NA 1992, NA 1993 Wastestream Report NA 1991, NA 1992, NA 1993 Waste Profile Sheet

Process ID Number: DYNTRANS-01
Storage Location Description:

Inside wing B of the transportation building (near filter crushing machine)

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

55-gallon metal drum, good condition

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed NA Characteristic

S Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:

This is a new process and no filters have been disposed of yet. User knowledge, no analysis recommended.

General Comments:
Zep solvent is replenished; the used solvent is not considered hazardous.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: Dyncorp Transportation

Work Center Contact: George Burns

Building Number: S-9

Work Center Phone: 873-7235

Work Center Activity Description:

This work center performs fluid services, cleaning, painting, and other miscellaneous repairs to Navy vehicles.

Wastestream as Identified in the Scope of Work and Use:

Rags w/solvent

TDEC Code: None

Documents Reviewed[1]: NM PPP/HW Minimization Plan NA HMIS

NM Part B Permit NM HW Management Plan M MSDS (Zep Solvent)

NM 1991, NM 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: DYNTRANS-01
Storage Location Description:

Inside transportation building

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

15-gallon metal container, good condition

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed NA Characteristic

S Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:

Collect, clean, and reuse contaminated rags. User knowledge, no analysis recommended.

General Comments:
When full, the container is taken to the Dyncorp satellite accumulation building (S-1238) for disposal.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: Dyncorp Transportation — Work Center Contact: George Burns

Building Number: S-9 — Work Center Phone: 873-7235

Work Center Activity Description:

This work center performs fluid services, cleaning, painting, and other miscellaneous repairs to Navy vehicles.

Wastestream as Identified in the Scope of Work and Use:

Used tires

TDEC Code: None

Documents Reviewed[1]: NM PPP/HW Minimization Plan NA HMIS

NM Part B Permit NM HW Management Plan NA MSDS

NM 1991, NM 1992, NM 1993 Wastestream Report NA 1991, NA 1992, NA 1993 Waste Profile Sheet

Process ID Number: Not discussed in PPP.
Storage Location Description:

Outside transportation building in secured area (inside courtyard)

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

None

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed NA Characteristic

S Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:

Return to vendor for recycle.

General Comments:
Recycled/exchanged by vendors

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: NATTC AMH

Work Center Contact: Chief Owens

Building Number: S-785

Work Center Phone: 873-5759

Work Center Activity Description:

This work center performs hydraulic patch testing.

Wastestream as Identified in the Scope of Work and Use:

PD-680 Type II w/Hydraulic Fluid

TDEC Code: 10

Documents Reviewed[1]: M PPP/HW Minimization Plan — A HMIS

M Part B Permit — M HW Management Plan — A MSDS

M 1991, M 1992, M 1993 Wastestream Report — NM 1991, NM 1992, M 1993 Waste Profile Sheet

Process ID Number: NATTCAMH-01
Storage Location Description:

Storage room

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

30-gallon metal drum

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste — NA Exempt — NA Listed — X Characteristic

L Physical Characteristic (Solid or Liquid) — NA Special Waste

Recommended Analysis or Handling Practices:

Analyze for metals, flash point, and total halogens

General Comments:
When the drum gets full, it is taken (along with the original accumulation log) to the less than 90 day accumulation area south of Building S-232.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: NATTC AMS

Work Center Contact: P.O. Johnson

Building Number: S-784

Work Center Phone: 873-5088

Work Center Activity Description:
This work center performs aircraft corrosion control, paint stripping, painting school.

Wastestream as Identified in the Scope of Work and Use:

Water w/Alodine

TDEC Code: 21

Documents Reviewed[1]: M PPP/HW Minimization Plan A HMIS

M Part B Permit M HW Management Plan A MSDS

M 1991, M 1992, M 1993 Wastestream Report NM 1991, NM 1992, M 1993 Waste Profile Sheet

Process ID Number: NATTCAMS-01
Storage Location Description:

Room 117A

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

30-gallon metal drum, good condition

Preliminary Waste Code Determination[2] (40 CFR 261):

NA Solid Waste NA Exempt NA Listed X Characteristic

L Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:
Analyze for chromium and pH.

General Comments:
Two waters to one alodine.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: NATTC AMS

Work Center Contact: P.O. Johnson

Building Number: S-784

Work Center Phone: 873-5088

Work Center Activity Description:
This work center performs aircraft corrosion control, paint stripping, painting school.

Wastestream as Identified in the Scope of Work and Use:

Waste paint and solvents

TDEC Code: 11

Documents Reviewed[1]: A PPP/HW Minimization Plan A HMIS

A Part B Permit A HW Management Plan A MSDS

A 1991, A 1992, A 1993 Wastestream Report A 1991, A 1992, A 1993 Waste Profile Sheet

Process ID Number: NATTCAMS-01
Storage Location Description:

Room 117A

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

30-gallon metal drum, good condition

Preliminary Waste Code Determination[2] (40 CFR 261):

NA Solid Waste NA Exempt NA Listed X Characteristic

L Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:
Analyze for flash point, TCLP metals, and volatiles.

General Comments:

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: NATTC AS

Work Center Contact: Boesche/Povee

Building Number: S-787

Work Center Phone: 873-5575

Work Center Activity Description:
This work center teaches maintenance on aviation support equipment.

Wastestream as Identified in the Scope of Work and Use:

Freon R-12 (00-106-1656)

TDEC Code: None

Documents Reviewed[1]: NM PPP/HW Minimization Plan A HMIS

M Part B Permit M HW Management Plan A MSDS

NM 1991, NM 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: NATTCASA-01
Storage Location Description:
Inside S-787

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

Reclaimer

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt X Listed NA Characteristic

L Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:

User knowledge, no analysis recommended.

General Comments:
The freon is reclaimed.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: NATTC AS

Work Center Contact: Boesche/Povee

Building Number: S-787

Work Center Phone: 873-5575

Work Center Activity Description:
This work center teaches maintenance on aviation support equipment.

Wastestream as Identified in the Scope of Work and Use:

Gasoline soaked rags

TDEC Code: None

Documents Reviewed[1]: NM PPP/HW Minimization Plan M HMIS

NM Part B Permit NM HW Management Plan M MSDS

NM 1991, NM 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: NATTCASA-01
Storage Location Description:
Unit 11 Locker

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

30-gallon metal drum, good condition

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed TBD Characteristic

L/S Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:

Analyze for TCLP volatiles.

General Comments:

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: NATTC AS

Work Center Contact: Boesche/Povee

Building Number: S-787

Work Center Phone: 873-5575

Work Center Activity Description:
This work center teaches maintenance on aviation support equipment.

Wastestream as Identified in the Scope of Work and Use:

Rags w/engine oil, grease, and hydraulic fluid

TDEC Code: None

Documents Reviewed[1]:

A PPP/HW Minimization Plan

A HMIS

NM Part B Permit

M HW Management Plan

A MSDS

NM 1991, NM 1992, NM 1993 Wastestream Report

NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: NATTCASA-01
Storage Location Description:
Unit 11 locker

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

55-gallon metal drum, good condition

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste

NA Exempt

NA Listed

TBD Characteristic

S Physical Characteristic (Solid or Liquid)

NA Special Waste

Recommended Analysis or Handling Practices:
Make sure the rags have no free flowing liquids. Collect, clean, and reuse contamintated rags. Analyze for TCLP (metals and volatiles).

General Comments:

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: NATTC Expenditiary Air Field Work Center Contact: GYGST Budynas

Building Number: Near Bldg. 1734 (outdoor locker) Work Center Phone: 873-7070

Work Center Activity Description:
This work center builds airports with aluminum.

Wastestream as Identified in the Scope of Work and Use:

Lead Acid Batteries

TDEC Code: None

Documents Reviewed[1]: M PPP/HW Minimization Plan M HMIS

NM Part B Permit NM HW Management Plan M MSDS

NM 1991, NM 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: Not discussed in PPP
Storage Location Description:
Outdoor locker

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:
None

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed X Characteristic

S Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:
Recycle. Analyze for pH and TCLP metals if not recycled.

General Comments:
Facility contact did not know how the batteries are disposed of.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: NATTC Expenditiary Air Field Work Center Contact: GYGST Budynas

Building Number: Near Bldg. 1734 (outdoor locker) Work Center Phone: 873-7070

Work Center Activity Description:
This work center builds airports with aluminum.

Wastestream as Identified in the Scope of Work and Use:

Gaco (rubberized coating applied on tapes; 00-182-6460)

TDEC Code: None

Documents Reviewed[1]: NM PPP/HW Minimization Plan A HMIS

NM Part B Permit NM HW Management Plan A MSDS

NM 1991, NM 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: Not discussed in PPP
Storage Location Description:

outdoor locker

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

metal drum

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed X Characteristic

S Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:

User knowledge, no analysis recommended.

General Comments:
The waste gaco is disposed of through DRMO.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: NATTC Expenditiary Air Field Work Center Contact: GYGST Budynas

Building Number: Near Bldg. 1734 (outdoor locker) Work Center Phone: 873-7070

Work Center Activity Description:
This work center builds airports with aluminum.

Wastestream as Identified in the Scope of Work and Use:

Dry Sweep

TDEC Code: None

Documents Reviewed[1]: M PPP/HW Minimization Plan A HMIS (oil, etc.)

NM Part B Permit NM HW Management Plan A MSDS (oil, etc.)

NM 1991, NM 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: Not discussed in PPP
Storage Location Description:

outdoor locker

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

trash bag

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed TBD Characteristic

S Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:
Analyze for TCLP (metals and volatiles).

General Comments:
The sweeping compound is placed in trash bags.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: NATTC Expenditiary Air Field Work Center Contact: GYGST Budynas

Building Number: Near Bldg. 1734 (outdoor locker) Work Center Phone: 873-7070

Work Center Activity Description:
This work center builds airports with aluminum.

Wastestream as Identified in the Scope of Work and Use:

Rags with oil (#9150-00-698-2382) and all-purpose grease (#91500-00-197-7692)

TDEC Code: None

Documents Reviewed[1]: M PPP/HW Minimization Plan A HMIS (oil,etc)

NM Part B Permit NM HW Management Plan A MSDS (oil,etc)

NM 1991, NM 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: Not discussed in PPP
Storage Location Description:

outdoor locker

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

plastic bag

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed TBD Characteristic

S Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:
Make sure the rags have no free flowing liguids. Collect, clean & reuse contaminated rags. Analyze for TCLP (metals and volatiles).

General Comments:

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis _
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: NATTC Expenditiary Air Field Work Center Contact: GYGST Budynas

Building Number: Near Bldg. 1734 (outdoor locker) Work Center Phone: 873-7070

Work Center Activity Description:
This work center builds airports with aluminum.

Wastestream as Identified in the Scope of Work and Use:

waste oil (#9150-00-698-2382)

TDEC Code: 24

Documents Reviewed[1]: M PPP/HW Minimization Plan A HMIS

M Part B Permit A HW Management Plan A MSDS

NM 1991, NM 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: Not discussed in PPP.
Storage Location Description:

outdoor locker

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

5-gallon metal can

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed TBD Characteristic

L Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:
Analyze for metals, flash point, and halogens.

General Comments:

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: NATTC Facility Support Branch Work Center Contact: P.O. Conger

Building Number: S-54 Wing 2 Work Center Phone: 873-5033

Work Center Activity Description:
The Print Shop photocopies work curriculum for the training schools.

Wastestream as Identified in the Scope of Work and Use:

Rags contaminated with Multigraphics Multilith electrostatic solution (#6830-00-813-6702) and Multigraphics deglazing solvent (#6850-00-821-8882) which contains 1,1,1-trichloroethane.

TDEC Code: None

Documents Reviewed[1]: NM PPP/HW Minimization Plan A HMIS

NM Part B Permit NM HW Management Plan A MSDS

NM 1991, NM 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: Not discussed in PPP.
Storage Location Description:

Inside building.

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

red model #921 metal can and gray metal trash can, good condition

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt X Listed TBD Characteristic

S Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:
Make sure the rags have no free flowing liquids. Collect, clean, and reuse contaminated rags. Analyze for TCLP (metals and volatiles).

General Comments:
The rags are turned in to the less than 90 day accumulation area south of Building S-232 and disposed of as hazardous waaste.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis -
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: NATTC Joint Oil Analysis Program Work Center Contact: ADC(AW) Spicer

Building Number: S-241 Work Center Phone: 873-7558

Work Center Activity Description:
Teach class and test hydraulic fluid

Wastestream as Identified in the Scope of Work and Use:
Methanol

TDEC Code: None

Documents Reviewed[1]: NM PPP/HW Minimization Plan A HMIS

NM Part B Permit NM HW Management Plan A MSDS

NM 1991, NM 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: Not discussed in PPP.
Storage Location Description:

Room 108; Lab door is kept locked and has a warning sign on the door.

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

flammable locker

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed X Characteristic

L Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:

Analyze for flash point.

General Comments:
The waste methanol is taken to the less than 90 day accumulation area near S-232, then to N-1694.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: NATTC Joint Oil Analysis Program Work Center Contact: ADC(AW) Spicer

Building Number: S-241 Work Center Phone: 873-7558

Work Center Activity Description:
Teach class and test hydraulic fluid

Wastestream as Identified in the Scope of Work and Use:
Rags w/oil

TDEC Code: None

Documents Reviewed[1]: A PPP/HW Minimization Plan A HMIS (oil)

NM Part B Permit NM HW Management Plan A MSDS (oil)

NM 1991, NM 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: Not discussed in PPP.
Storage Location Description:

Room 108; Lab door is kept locked and has a warning sign on the door.

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

5-gallon metal can

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed NA Characteristic

S Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:

Analyze for TCLP (metals and volatiles).

General Comments:

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: NATTC MEMD

Work Center Contact: AME-1 Sosnicki

Building Number: S-394

Work Center Phone: 873-5676/5664

Work Center Activity Description:
The mechanical equipment maintenance department maintains yellow gear, trainers, and aircraft (part pieces/lubrication).

Wastestream as Identified in the Scope of Work and Use:
Waste absorbent (speedy dry)

TDEC Code: None

Documents Reviewed[1]: NM PPP/HW Minimization Plan A HMIS

NM Part B Permit NM HW Management Plan A MSDS

NM 1991, NM 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: NATTCEM-01 and 02
Storage Location Description:
outdoor shed with metal roof, not enclosed (metal/fence combination)

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:
55-gallon metal drum, good condition

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed TBD Characteristic

S Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:
Minimize spillage of materials that would warrant absorbents. Analyze for TCLP (metals and volatiles).

General Comments:

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream
[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: NATTC MEMD

Work Center Contact: AME-1 Sosnicki

Building Number: S-394

Work Center Phone: 873-5676/5664

Work Center Activity Description:
The mechanical equipment maintenance department maintains yellow gear, trainers, and aircraft (part pieces/lubrication).

Wastestream as Identified in the Scope of Work and Use:
Empty aerosol cans

TDEC Code: None

Documents Reviewed[1]: A PPP/HW Minimization Plan A HMIS

NM Part B Permit NM HW Management Plan A MSDS

NM 1991, NM 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: NATTCEM-01 and 02
Storage Location Description:
outdoor shed with metal roof, not enclosed (metal/fence combination)

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:
55-gallon metal drum, good condition

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed NA Characteristic

S Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:
Collect, puncture, and recycle aerosol cans. User knowledge, no analysis recommended.

General Comments:
Punctured with can crusher, then transported to N-1694 as nonregulated waste

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: NATTC MEMD

Work Center Contact: AME-1 Sosnicki

Building Number: S-394

Work Center Phone: 873-5676/5664

Work Center Activity Description:
The mechanical equipment maintenance department maintains yellow gear, trainers, and aircraft (part pieces/lubrication).

Wastestream as Identified in the Scope of Work and Use:
Lead acid batteries

TDEC Code: None

Documents Reviewed[1]: M PPP/HW Minimization Plan A HMIS

NM Part B Permit NM HW Management Plan A MSDS

NM 1991, NM 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: NATTCEM-02
Storage Location Description:
inside Building S-197

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:
Batteries are stored on a pallet.

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed X Characteristic

S Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:
Recycle the batteries. Analyze for pH and TCLP metals if not recycled.

General Comments:
The batteries are recycled through a DRMO battery recycler.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: NATTC MEMD

Work Center Contact: AME-1 Sosnicki

Building Number: S-394

Work Center Phone: 873-5676/5664

Work Center Activity Description:
The mechanical equipment maintenance department maintains yellow gear, trainers, and aircraft (part pieces/lubrication).

Wastestream as Identified in the Scope of Work and Use:
Safety-Kleen premium solvent (6810-00-N00-0431) used in parts cleaning

TDEC Code: 35

Documents Reviewed[1]: M PPP/HW Minimization Plan A HMIS

NM Part B Permit M HW Management Plan A MSDS

M 1991, M 1992, M 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: NATTCEM-02
Storage Location Description:
located inside Bldg. S-394 adjacent to the lounge door entrance

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:
Safety-Kleen parts washer (green, steel, 35-gallon)

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed X Characteristic

L Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:
No handling practices recommended since handled by a reliable contractor. Analyze for TCLP metals and TCLP volatiles.

General Comments:
Solution is reused until changed out by Safety-Kleen.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: NATTC MEMD

Work Center Contact: AME-1 Sosnicki

Building Number: S-394

Work Center Phone: 873-5676/5664

Work Center Activity Description:
The mechanical equipment maintenance department maintains yellow gear, trainers, and aircraft (part pieces/lubrication).

Wastestream as Identified in the Scope of Work and Use:
Petroleum-based metal shavings

TDEC Code: None

Documents Reviewed[1]: M PPP/HW Minimization Plan A HMIS (oil)

NM Part B Permit NM HW Management Plan A MSDS (oil)

NM 1991, NM 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: Not discussed in PPP.
Storage Location Description:

Building S-394

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:
shear press

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed NA Characteristic

S Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:
User knowledge, no analysis recommended.

General Comments:
Every two years the shear press generates oil product (standard oil, 30 wt)

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: NATTC MEMD

Work Center Contact: AME-1 Sosnicki

Building Number: S-394

Work Center Phone: 873-5676/5664

Work Center Activity Description:
The mechanical equipment maintenance department maintains yellow gear, trainers, and aircraft (part pieces/lubrication).

Wastestream as Identified in the Scope of Work and Use:
Empty cans (paint, oil, etc.)

TDEC Code: None

Documents Reviewed[1]: M PPP/HW Minimization Plan A HMIS

NM Part B Permit NM HW Management Plan A MSDS

NM 1991, NM 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: NATTCEM-01 and 02
Storage Location Description:
outdoor shed with metal roof, not enclosed (metal/fence combination)

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:
The empty oil cans are accumulated in a 55-gallon metal drum of good condition. Empty paint cans are thrown in the trash.

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed NA Characteristic

S Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:
Collect, drain, crush, and recyle metal containers. User knowledge, no analysis recommended.

General Comments:
The empty oil cans are transported to N-1694 as nonregulated waste. The empty paint cans are air dried for three days to harden, then thrown in the regular trash.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: NATTC MEMD

Work Center Contact: AME-1 Sosnicki

Building Number: S-394

Work Center Phone: 873-5676/5664

Work Center Activity Description:
The mechanical equipment maintenance department maintains yellow gear, trainers, and aircraft (part pieces/lubrication).

Wastestream as Identified in the Scope of Work and Use:
Hydraulic fluid

TDEC Code: None

Documents Reviewed[1]: M PPP/HW Minimization Plan M HMIS

NM Part B Permit M HW Management Plan M MSDS

NM 1991, NM 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: NATTCEM-01 and 02
Storage Location Description:
outdoor shed with roof, not enclosed (metal/fence combination)

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:
55-gallon metal drum, good condition

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed NA Characteristic

L Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:
Recycle the hydraulic fluid. Analyze for metals, flash point, and halogens.

General Comments:

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: NATTC MEMD

Work Center Contact: AME-1 Sosnicki

Building Number: S-394

Work Center Phone: 873-5676/5664

Work Center Activity Description:
The mechanical equipment maintenance department maintains yellow gear, trainers, and aircraft (part pieces/lubrication).

Wastestream as Identified in the Scope of Work and Use:
Used Oil

TDEC Code: 24

Documents Reviewed[1]: M PPP/HW Minimization Plan M HMIS

M Part B Permit M HW Management Plan M MSDS

M 1991, M 1992, M 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: NATTCEM-01 and 02
Storage Location Description:
outdoor shed with metal roof, not enclosed (metal/fence combination)

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:
55-gallon yellow, metal drum on metal secondary containment over a wooden pallet, good condition

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed TBD Characteristic

L Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:
Recycle the used oil. Analyze for metal, flash point, and total halogens.

General Comments:
Transported to N-1694 as nonregulated waste

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: NATTC MEMD

Work Center Contact: AME-1 Sosnicki

Building Number: S-394

Work Center Phone: 873-5676/5664

Work Center Activity Description:
The mechanical equipment maintenance department maintains yellow gear, trainers, and aircraft (part pieces/lubrication).

Wastestream as Identified in the Scope of Work and Use:
Rags w/oil, hydraulic fluid, lubricants, grease, sealants, corrosion preventive compound, and PD-680 solvent

TDEC Code: None

Documents Reviewed[1]: A PPP/HW Minimization Plan M HMIS (oil)

NM Part B Permit NM HW Management Plan M MSDS (oil)

NM 1991, NM 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: NATTCEM-01 and 02
Storage Location Description:
outdoor shed with metal roof, not enclosed (metal/fence combination)

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:
55-gallon metal drum labelled "oil rags", on metal secondary containment over a wooden pallet

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed TBD Characteristic

S Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:
Make sure the rags have no free flowing liquids. Collect, clean, and reuse contaminated rags. Analyze for TCLP (metals and volatiles).

General Comments:
Transported to N-1694 as nonregulated waste

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: NATTC MEMD

Work Center Contact: AME-1 Sosnicki

Building Number: S-394

Work Center Phone: 873-5676/5664

Work Center Activity Description:
The mechanical equipment maintenance department maintains yellow gear, trainers, and aircraft (part pieces/lubrication).

Wastestream as Identified in the Scope of Work and Use:
Tires

TDEC Code: None

Documents Reviewed[1]: NM PPP/HW Minimization Plan NA HMIS

NM Part B Permit NM HW Management Plan NA MSDS

NM 1991, NM 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: Not discussed in PPP.
Storage Location Description:
outdoor shed with metal roof, not enclosed (metal/fence combination)

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:
None

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed NA Characteristic

S Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:
Recycle the used tires. User knowledge, no analysis recommended.

General Comments:

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: NATTC MEMD

Work Center Contact: AME-1 Sosnicki

Building Number: S-394

Work Center Phone: 873-5676/5664

Work Center Activity Description:
The mechanical equipment maintenance department maintains yellow gear, trainers, and aircraft (part pieces/lubrication).

Wastestream as Identified in the Scope of Work and Use:
Used Oil Filters

TDEC Code: None

Documents Reviewed[1]: M PPP/HW Minimization Plan NA HMIS

NM Part B Permit NM HW Management Plan NA MSDS

NM 1991, NM 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: NATTCEM-01 and 02
Storage Location Description:
outdoor shed with roof, not enclosed (metal/fence combination)

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:
35-gallon metal Safety-Kleen drum, good condition

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed TBD Characteristic

S Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:
Collect and drain the used oil filters. Analyze for TCLP (metals and volatiles).

General Comments:
The filters are drained in a metal pan over a 5-gallon yellow drum which is dumped into the red 35-gallon Safety-Kleen drum for disposal as regulated waste.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: NATTC NDI

Work Center Contact: AMS1 Smith

Building Number: S-784

Work Center Phone: 873-5853

Work Center Activity Description:
This work center performs non-destructive inspections of aircraft, support equipment, etc. to find flaws.

Wastestream as Identified in the Scope of Work and Use:

Empty metal cans (liquid penetrant field kits)

TDEC Code: None

Documents Reviewed[1]: M PPP/HW Minimization Plan NA HMIS

NM Part B Permit NM HW Management Plan NA MSDS

NM 1991, NM 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: NATTCNDI-02
Storage Location Description:

HM/Flam Locker (Room 117A)

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:
30 and 55-gallon metal drum, good condition

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed NA Characteristic

S Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:
Make sure the cans are empty prior to placing in drum for disposal. User knowledge, no analysis recommended.

General Comments:
Empty cans are placed in drums, then picked up by HW Branch for disposal.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: NATTC NDI

Work Center Contact: AMS1 Smith

Building Number: S-784

Work Center Phone: 873-5853

Work Center Activity Description:
This work center performs non-destructive inspections of aircraft, support equipment, etc. to find flaws.

Wastestream as Identified in the Scope of Work and Use:

Rinse Water w/Developer

TDEC Code: None

Documents Reviewed[1]: M PPP/HW Minimization Plan — A HMIS

NM Part B Permit — NM HW Management Plan — A MSDS

NM 1991, NM 1992, NM 1993 Wastestream Report — NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: NATTCNDI-01 and 04
Storage Location Description:

HM/Flam Locker (Room 117A)

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:
None (sink)

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste — X Exempt — NA Listed — TBD Characteristic

L Physical Characteristic (Solid or Liquid) — NA Special Waste

Recommended Analysis or Handling Practices:
User knowledge, no analysis recommended.

General Comments:
After part is dipped in penetrant and emulsifier, it is dipped in developer, inspected and cleaned. Rinse water goes down the drain.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: NATTC NDI

Work Center Contact: AMS1 Smith

Building Number: S-784

Work Center Phone: 873-5853

Work Center Activity Description:
This work center performs non-destructive inspections of aircraft, support equipment, etc. to find flaws.

Wastestream as Identified in the Scope of Work and Use:

Rinse Water w/Emulsifier (6850-01-103-9102)

TDEC Code: None

Documents Reviewed[1]:

M PPP/HW Minimization Plan	A HMIS	
NM Part B Permit	NM HW Management Plan	A MSDS
NM 1991, NM 1992, NM 1993 Wastestream Report	NM 1991, NM 1992, NM 1993 Waste Profile Sheet	

Process ID Number: NATTCNDI-01
Storage Location Description:

HM/Flam Locker (Room 117A)

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:
None (sink)

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste	X Exempt	NA Listed	NA Characteristic
L Physical Characteristic (Solid or Liquid)	NA Special Waste		

Recommended Analysis or Handling Practices:
User knowledge, no analysis recommended.

General Comments:
After part is rinsed in penetrant, it is dipped in emulsifier and allowed to set, then rinsed and dumped down the drain before dipping in developer.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis _
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: NATTC NDI

Work Center Contact: AMS1 Smith

Building Number: S-784

Work Center Phone: 873-5853

Work Center Activity Description:
This work center performs non-destructive inspections of aircraft, support equipment, etc. to find flaws.

Wastestream as Identified in the Scope of Work and Use:

Silver Recovery

TDEC Code: None

Documents Reviewed[1]: M PPP/HW Minimization Plan NA HMIS

NM Part B Permit NM HW Management Plan NA MSDS

NM 1991, NM 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: NATTCNDI-04
Storage Location Description:
HM/Flam locker (Room 117A)

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:
Unit

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed X Characteristic

S Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:
User knowledge; no analysis recommended.

General Comments:
The silver and canisters are turned in to DRMO for silver recovery.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: NATTC NDI

Work Center Contact: AMS1 Smith

Building Number: S-784

Work Center Phone: 873-5853

Work Center Activity Description:
This work center performs non-destructive inspections of aircraft, support equipment, etc. to find flaws.

Wastestream as Identified in the Scope of Work and Use:

Rag w/Penetrant

TDEC Code: None

Documents Reviewed[1]:

NM PPP/HW Minimization Plan

A HMIS

NM Part B Permit

NM HW Management Plan

A MSDS

NM 1991, NM 1992, NM 1993 Wastestream Report

NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: NATTCNDI-02
Storage Location Description:

HM/Flam Locker (Room 117A)

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:
red 15-gallon metal drum, good condition

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste

NA Exempt

NA Listed

NA Characteristic

S Physical Characteristic (Solid or Liquid)

NA Special Waste

Recommended Analysis or Handling Practices:
Bag contaminated rags and dispose of as hazardous waste. User knowledge, no analysis recommended.

General Comments:
Rags are bagged and placed in the 15-gallon drum prior to pickup by HW Branch.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: NATTC NDI

Work Center Contact: AMS1 Smith

Building Number: S-784

Work Center Phone: 873-5853

Work Center Activity Description:
This work center performs non-destructive inspections of aircraft, support equipment, etc. to find flaws.

Wastestream as Identified in the Scope of Work and Use:

Rinse Water w/Penetrants (6850-01-265-2741)

TDEC Code: None

Documents Reviewed[1]: M PPP/HW Minimization Plan A HMIS

NM Part B Permit NM HW Management Plan A MSDS

NM 1991, NM 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: NATTCNDI-01
Storage Location Description:

HM/Flam Locker (Room 117A)

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:
None (sink)

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste X Exempt NA Listed TBD Characteristic

L Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:
User knowledge, no analysis recommended.

General Comments:
Clean part in penetrant, rinse, then dump down drain. (NAS has permission to dump small quantities.)

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: NAMTRAGRU Engine Shop Work Center Contact: Lee York

Building Number: S-223 Work Center Phone: 873-5032

Work Center Activity Description:

This work center performs cleaning, stripping, lubrication, painting, and touch up of trainers and aids.

Wastestream as Identified in the Scope of Work and Use:

Motor Oil (30 and 40 wt)
(This wastestream was not identified in the scope of work for this work center).

TDEC Code: None

Documents Reviewed[1]: M PPP/HW Minimization Plan M HMIS

M Part B Permit M HW Management Plan M MSDS

M 1991, M 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: NTGPME-02
Storage Location Description:

In the outdoor 360 Cage that is constructed of aluminum/fence with a roof.

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

55-gallon metal drum, good condition

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed TBD Characteristic

L Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:
Must be handled as a recyclable oil in accordance with 40 CFR 279. Analyze for metal, flash point, and total halogen.

General Comments:
The HW Branch arranges for the Base contractor to suck the waste oil out of the drum and the contents are sold to the DRMO used oil contractor.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: NAMTRAGRU Engine Shop Work Center Contact: Lee York

Building Number: S-223 Work Center Phone: 873-5032

Work Center Activity Description:

This work center performs cleaning, stripping, lubrication, painting, and touch up of trainers and aids.

Wastestream as Identified in the Scope of Work and Use:

Rags with motor/lube oil

TDEC Code: None

Documents Reviewed[1]: A PPP/HW Minimization Plan A HMIS

M Part B Permit M HW Management Plan A MSDS

NM 1991, NM 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: NTGPME-02
Storage Location Description:

In the outdoor 360 Cage that is constructed of aluminum/fence with a roof.

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

55-gallon metal drum, good condition

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed TBD Characteristic

S Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:

Collect, clean, and reuse contaminated rags. Analyze for TCLP (metals and volatiles).

General Comments:

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: NAMTRAGRU Machine Shop Work Center Contact: Lee York

Building Number: S-223 Work Center Phone: 873-5032

Work Center Activity Description:

This work center performs metal cutting to produce cutaways for the new trainers and aids.

Wastestream as Identified in the Scope of Work and Use:

Scrap metal/shavings

TDEC Code: None

Documents Reviewed[1]: A PPP/HW Minimization Plan NA HMIS

NM Part B Permit NM HW Management Plan NA MSDS

NM 1991, NM 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: NTGPME-03
Storage Location Description:

Outdoor reclamation bin

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

Outdoor reclamation bin

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed NA Characteristic

S Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:

Recycle the scrap metal. User knowledge, no analysis recommended.

General Comments:
The metal in the reclamation bin is picked up by Dyncorp and taken to DRMO.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: NAMTRAGRU Machine Shop Work Center Contact: Lee York

Building Number: S-223 Work Center Phone: 873-5032

Work Center Activity Description:

This work center performs metal cutting to produce cutaways for the new trainers and aids.

Wastestream as Identified in the Scope of Work and Use:

Rags with cooling/cutting fluids

TDEC Code: None

Documents Reviewed[1]: __A__ PPP/HW Minimization Plan __A__ HMIS

__NM__ Part B Permit __NM__ HW Management Plan __A__ MSDS

__NM__ 1991, __NM__ 1992, __NM__ 1993 Wastestream Report __NM__ 1991, __NM__ 1992, __NM__ 1993 Waste Profile Sheet

Process ID Number: NTGPME-02 and 03
Storage Location Description:
In the outdoor 360 Cage that is constructed of aluminum/fence with a roof.

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:
55-gallon metal drum, good condition

Preliminary Waste Code Determination[2] (40 CFR 261):

__X__ Solid Waste __NA__ Exempt __NA__ Listed __NA__ Characteristic

__S__ Physical Characteristic (Solid or Liquid) __NA__ Special Waste

Recommended Analysis or Handling Practices:

Collect, clean, and reuse contaminated rags. Analyze for TCLP (metals and volatiles).

General Comments:

Picked up by HW Branch for disposal as non-regulated waste.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: NAMTRAGRU Machine Shop Work Center Contact: Lee York

Building Number: S-223 Work Center Phone: 873-5032

Work Center Activity Description:

This work center performs cleaning, stripping, lubrication, painting, and touch up of trainers and aids.

Wastestream as Identified in the Scope of Work and Use:

Spent glass beads (lacquer enamel) from sandblast machine

TDEC Code: None

Documents Reviewed[1]: A PPP/HW Minimization Plan A HMIS

NM Part B Permit NM HW Management Plan A MSDS

NM 1991, NM 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: NTGPME-02
Storage Location Description:

Outdoor dempsy dumpster

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

Outdoor dempsy dumpster, good condition

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed TBD Characteristic

S Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:

Analyze for TCLP metals once a year or when process changes. If HW, properly contain, label and dispose.

General Comments:

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: NAMTRAGRU Machine Shop Work Center Contact: Lee York

Building Number: S-223 Work Center Phone: 873-5032

Work Center Activity Description:

This work center performs cleaning, stripping, lubrication, painting, and touch up of trainers and aids.

Wastestream as Identified in the Scope of Work and Use:

Solvent (Safety-Kleen)

TDEC Code: 35

Documents Reviewed[1]: M PPP/HW Minimization Plan A HMIS

NM Part B Permit NM HW Management Plan A MSDS

M 1991, M 1992, M 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: NTGPME-01
Storage Location Description:

Inside Engine Shop

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

Safety-Kleen degreaser, good condition

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed X Characteristic

L Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:

Recycle by Safety-Kleen. Analyze for TCLP (metals and volatiles).

General Comments:
The degreaser solvent is replaced/recycled by Safety-Kleen.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis _
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: NAMTRAGRU Machine Shop Work Center Contact: Lee York

Building Number: S-223 Work Center Phone: 873-5032

Work Center Activity Description:

This work center performs metal cutting to produce cutaways for the new trainers and aids.

Wastestream as Identified in the Scope of Work and Use:

Spent cooling/cutting lube oils (water soluble)

TDEC Code: None

Documents Reviewed[1]: __A__ PPP/HW Minimization Plan __A__ HMIS

__M__ Part B Permit __M__ HW Management Plan __A__ MSDS

__M__ 1991, __M__ 1992, __NM__ 1993 Wastestream Report __NM__ 1991, __NM__ 1992, __NM__ 1993 Waste Profile Sheet

Process ID Number: NTGPME-03
Storage Location Description:

Inside Paint Shop

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:
5-gallon metal can

Preliminary Waste Code Determination[2] (40 CFR 261):

__X__ Solid Waste __NA__ Exempt __NA__ Listed __TBD__ Characteristic

__L__ Physical Characteristic (Solid or Liquid) __NA__ Special Waste

Recommended Analysis or Handling Practices:

Must be handled in accordance with 40 CFR 279 for used oil. Analyze for metal, flash point, and total halogen.

General Comments:
The oil is picked up by HW Branch for disposal and shipped out as non-regulated waste. The cans are flushed and turned in. The fluid in the machine is changed every five years.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: NAMTRAGRU Paint Shop

Work Center Contact: Lee York

Building Number: S-360

Work Center Phone: 873-5032

Work Center Activity Description:

This work center is responsible for corrosion removal, cleaning, treating, priming, and applying finished coats.

Wastestream as Identified in the Scope of Work and Use:

aerosol cans

TDEC Code: None

Documents Reviewed[1]: A PPP/HW Minimization Plan A HMIS

NM Part B Permit NM HW Management Plan A MSDS

NM 1991, NM 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: NTGPME-01 and 02
Storage Location Description:

Accumulate on table inside Paint Shop.

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

10.5 and 16 oz. aerosol cans

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed NA Characteristic

S Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:

Collect, puncture, and recycle aerosol cans. User knowledge, no analysis recommended.

General Comments:
The aerosol cans are punctured onsite, allowed to air dry overnight, then thrown in the dempsey dumpster.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: NAMTRAGRU Paint Shop

Work Center Contact: Lee York

Building Number: S-360

Work Center Phone: 873-5032

Work Center Activity Description:

This work center is responsible for corrosion removal, cleaning, treating, priming, and applying finished coats.

Wastestream as Identified in the Scope of Work and Use:

Paint filters from spray booth

TDEC Code: None

Documents Reviewed[1]: NM PPP/HW Minimization Plan NA HMIS

NM Part B Permit NM HW Management Plan NA MSDS

NM 1991, NM 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: NTGPME-01
Storage Location Description:
In the outdoor 360 Cage that is constructed of aluminum/fence with a roof.

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:
55-gallon metal drum, good condition

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed TBD Characteristic

S Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:

Analyze for TCLP (metals and volatiles).

General Comments:

Picked up by HW Branch for disposal as non-regulated waste.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: NAMTRAGRU Paint Shop

Work Center Contact: Lee York

Building Number: S-360

Work Center Phone: 873-5032

Work Center Activity Description:

This work center is responsible for corrosion removal, cleaning, treating, priming, and applying finished coats.

Wastestream as Identified in the Scope of Work and Use:

Cleaning chemicals (i.e., thinner and aliphatic naphtha used in cleaning and removing paint)

TDEC Code: 11

Documents Reviewed[1]: A PPP/HW Minimization Plan A HMIS

A Part B Permit A HW Management Plan A MSDS

M 1991, M 1992, M 1993 Wastestream Report NM 1991, NM 1992, M 1993 Waste Profile Sheet

Process ID Number: NTGPME-01 and 02
Storage Location Description:

In the outdoor 360 Cage that is constructed of aluminum/fence with a roof.

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

30-gallon metal drum, good condition

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed X Characteristic

L Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:

Handle as a hazardous waste D001. Analyze for TCLP (metals and volatiles).

General Comments:
Picked up by HW Branch for disposal.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: NAMTRAGRU Paint Shop Work Center Contact: Lee York

Building Number: S-360 Work Center Phone: 873-5032

Work Center Activity Description:

This work center is responsible for corrosion removal, cleaning, treating, priming, and applying finished coats.

Wastestream as Identified in the Scope of Work and Use:

Empty paint cans

TDEC Code: None

Documents Reviewed[1]: A PPP/HW Minimization Plan A HMIS

NM Part B Permit NM HW Management Plan A MSDS

NM 1991, NM 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: NTGPME-01 and 02
Storage Location Description:

Accumulated on table in Paint Shop.

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

Plastic Bag

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed NA Characteristic

S Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:

Collect, drain, crush, and recycle metal cans. User knowledge, no analysis recommended.

General Comments:

The empty cans are rinsed with thinner and wiped with rags. The bagged cans go to the HW Branch. The rinsate is drummed. The rags are placed in a 55-gallon drum and disposed of by the HW Branch as non-regulated waste.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: NAMTRAGRU Paint Shop Work Center Contact: Lee York

Building Number: S-360 Work Center Phone: 873-5032

Work Center Activity Description:

This work center is responsible for corrosion removal, cleaning, treating, priming, and applying finished coats.

Wastestream as Identified in the Scope of Work and Use:

Rags with paint and engine oil from forklifts

TDEC Code: None

Documents Reviewed[1]: A PPP/HW Minimization Plan A HMIS

NM Part B Permit NM HW Management Plan A MSDS

NM 1991, NM 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: NTGPME-01 and 02
Storage Location Description:

In the outdoor 360 Cage that is constructed of aluminum/fence with a roof.

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

55-gallon metal drum on pallet, good condition

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed TBD Characteristic

S Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:

Collect, clean, and reuse contaminated rags. Analyze for TCLP (metals and volatiles).

General Comments:
Picked up by HW Branch for disposal as non-regulated waste.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: NAMTRAGRU Paint Shop

Work Center Contact: Lee York

Building Number: S-360

Work Center Phone: 873-5032

Work Center Activity Description:

This work center is responsible for corrosion removal, cleaning, treating, priming, and applying finished coats.

Wastestream as Identified in the Scope of Work and Use:

Rinsate from rinsing paint cans

TDEC Code: 11

Documents Reviewed[1]: NM PPP/HW Minimization Plan A HMIS (paint)

NM Part B Permit NM HW Management Plan A MSDS (paint)

M 1991, M 1992, M 1993 Wastestream Report NM 1991, NM 1992, M 1993 Waste Profile Sheet

Process ID Number: NTGPME-01 and 02
Storage Location Description:

Inside building

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

55-gallon blue drum, good condition

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed TBD Characteristic

L Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:
Analyze for flash point and volatiles.

General Comments:
The rinsate goes in the 55-gallon waste paint related materials drum and is disposed of by the HW Branch (N-1694).

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: NAMTRAGRU Paint Shop Work Center Contact: Lee York

Building Number: S-360 Work Center Phone: 873-5032

Work Center Activity Description:

This work center is responsible for corrosion removal, cleaning, treating, priming, and applying finished coats.

Wastestream as Identified in the Scope of Work and Use:

Used oil from performing oil changes in vehicles and machinery

TDEC Code: 24

Documents Reviewed[1]: M PPP/HW Minimization Plan A HMIS

M Part B Permit M HW Management Plan A MSDS

M 1991, M 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: NTGPME-02
Storage Location Description:

In the outdoor 360 Cage that is constructed of aluminum/fence with a roof.

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

55-gallon metal drum, good condition

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed TBD Characteristic

L Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:

Must be handled in accordance with 40 CFR 279 recyclable oil. Analyze for metal, flash point, and total halogens.

General Comments:
The HW Branch arranges for the Base contractor to suck the waste oil out of the drum and the contents are sold to the DRMO used oil contractor.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: NAMTRAGRU Photo Lab

Work Center Contact: Lee York

Building Number: S-54

Work Center Phone: 873-5032

Work Center Activity Description:

This work center performs development of exposed film negatives.

Wastestream as Identified in the Scope of Work and Use:

developer (water soluble)

TDEC Code: 62

Documents Reviewed[1]: A PPP/HW Minimization Plan A HMIS

A Part B Permit A HW Management Plan A MSDS

M 1991, NM 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: NTGPHOTO-01
Storage Location Description:

Inside Building S-54.

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

15-gallon plastic drum, good condition

Preliminary Waste Code Determination[2] (40 CFR 261):

NA Solid Waste X Exempt NA Listed NA Characteristic

L Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:

Need to obtain city permission. Wastewater covered by an POTW agreement is exempt as a solid waste.

General Comments:

The developer is accumulated in the plastic drum and taken to the Machine/Engine Shop (S-223) where it is dumped in the sink, which flows into the public sewer.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: NAMTRAGRU Photo Lab — Work Center Contact: Lee York

Building Number: S-54 — Work Center Phone: 873-5032

Work Center Activity Description:

This work center performs development of exposed film negatives.

Wastestream as Identified in the Scope of Work and Use:

Silver recovery filters
(This wastestream was not identified in the scope of work for this work center).

TDEC Code: None

Documents Reviewed[1]: M PPP/HW Minimization Plan — NA HMIS

NM Part B Permit — NM HW Management Plan — NA MSDS

NM 1991, NM 1992, NM 1993 Wastestream Report — NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: NTGPHOTO-01
Storage Location Description:

Inside Building S-54.

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

silver recovery unit

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste — NA Exempt — NA Listed — X Characteristic

S Physical Characteristic (Solid or Liquid) — NA Special Waste

Recommended Analysis or Handling Practices:

Handle as a HW while being accumulated in accordance with 266.70, 262 for generation and manifesting. User knowledge, no analysis recommended.

General Comments:

Lee York fills out form, then takes filters to DRMO.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: NAVRESREDCOM 9 Supply Work Center Contact: Ms. Lynn Williams

Building Number: E-34 Work Center Phone: 873-5623

Work Center Activity Description:

This command performs minor electrical equipment cleaning and repair, and maintains the buildings.

Wastestream as Identified in the Scope of Work and Use:

Empty aerosol cans (i.e., cleaning compound)

TDEC Code: None

Documents Reviewed[1]: A PPP/HW Minimization Plan A HMIS

NM Part B Permit NM HW Management Plan A MSDS

NM 1991, NM 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: RESRED-01
Storage Location Description:

Inside building

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

16 oz. aerosol can

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed NA Characteristic

S Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:

Collect, puncture, and recycle aerosol cans. User knowledge, no analysis recommended.

General Comments:
Taken to N-1694 for disposal.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: NAVRESREDCOM 9 Supply

Work Center Contact: Ms. Lynn Williams

Building Number: E-34

Work Center Phone: 873-5623

Work Center Activity Description:

This command performs minor electrical equipment cleaning and repair, and maintains the buildings.

Wastestream as Identified in the Scope of Work and Use:

Fluorescent light bulbs
(This wastestream was not identified in the scope of work for this work center).

TDEC Code: None

Documents Reviewed[1]: NM PPP/HW Minimization Plan NA HMIS

NM Part B Permit NM HW Management Plan NA MSDS

NM 1991, NM 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: Not discussed in PPP.
Storage Location Description:

Inside building

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

original cardboard container

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed TBD Characteristic

S Physical Characteristic (Solid or Liquid) X Special Waste

Recommended Analysis or Handling Practices:

Analysis for TCLP mercury once a year.

General Comments:
Turned in to HW Branch (N-1694)

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: NAVRESREDCOM 9 Supply

Work Center Contact: Ms. Lynn Williams

Building Number: E-34

Work Center Phone: 873-5623

Work Center Activity Description:

This command performs minor electrical equipment cleaning and repair, and maintains the buildings.

Wastestream as Identified in the Scope of Work and Use:

Cloth ribbons from printer, etc.
(This wastestream was not identified in the scope of work for this work center).

TDEC Code: None

Documents Reviewed[1]: NM PPP/HW Minimization Plan NA HMIS

NM Part B Permit NM HW Management Plan NA MSDS

NM 1991, NM 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: Not discussed in PPP.
Storage Location Description:

Inside building

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

Cardboard box

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed TBD Characteristic

S Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:

Analysis for TCLP if MSDS is not provided.

General Comments:
Taken to S-242.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: NAVRESREDCOM 9 Supply

Work Center Contact: Ms. Lynn Williams

Building Number: E-34

Work Center Phone: 873-5623

Work Center Activity Description:

This command performs minor electrical equipment cleaning and repair, and maintains the buildings.

Wastestream as Identified in the Scope of Work and Use:

Toner packs
(This wastestream was not identified in the scope of work for this work center).

TDEC Code: None

Documents Reviewed[1]: NM PPP/HW Minimization Plan A HMIS

NM Part B Permit NM HW Management Plan A MSDS

NM 1991, NM 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: Not discussed in PPP.
Storage Location Description:

Inside building

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

original container

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed NA Characteristic

S Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:

Return empty toner packs to manufacturer. User knowledge, no analysis recommended.

General Comments:

When new toners arrive, the old packs are placed in the container and returned to the manufacturer.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: VR-60 Work Center Contact: P. O. Bagby

Building Number: N-126 Work Center Phone: 873-7449

Work Center Activity Description: All operations have ceased.

All VR-60 operations generated the empty aerosol paint cans.

Wastestream as Identified in the Scope of Work and Use:

Empty aerosol paint cans

TDEC Code: None

Documents Reviewed[1]: A PPP/HW Minimization Plan A HMIS

NM Part B Permit NM HW Management Plan A MSDS

NM 1991, NM 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: VR60120-01, VR60200-01, VR60310-01
Storage Location Description:

Outdoor HW storage compound near Building N-126; enclosed within a fence, no roof

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

15-gallon metal drum; good condition

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed NA Characteristic

S Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:

Collect, puncture, and recycle aerosol cans. User knowledge, no analysis recommended.

General Comments:

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: VR-60 Line

Work Center Contact: P. O. Bagby

Building Number: N-126

Work Center Phone: 873-7449

Work Center Activity Description: All operations have ceased.

This work center formerly provided scheduled cleaning, fuel testing, and pre-flight maintenance for squadron C-9 aircraft.

Wastestream as Identified in the Scope of Work and Use:

Deicing fluid (overstocked, never used)

TDEC Code: None

Documents Reviewed[1]: NM PPP/HW Minimization Plan A HMIS

NM Part B Permit NM HW Management Plan A MSDS

NM 1991, NM 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: Not discussed in PPP.
Storage Location Description:

Outdoor HW storage compound near Building N-126; enclosed within a fence, no roof

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

Eight 55-gallon metal drums with dented and rusted areas

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed NA Characteristic

L Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:

No recommended analysis. The drums are scheduled for disposal.

General Comments:

The drums were overstocked and appeared to have been stored at this location for several years. The deicing fluid has never been used. The drums are scheduled to be overpacked and turned in to the HW Branch instead of DRMO due to the condition of the drums.

When the deicing operation was in use, the aircrafts were washed/deiced and the rinsate went into the oil/water separator which then flowed into the sewer.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream
[2]Coding System: TBD — To be Determined by Analysis

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: VR-60 Work Center Contact: P. O. Bagby

Building Number: N-126 Work Center Phone: 873-7449

Work Center Activity Description: All operations have ceased.

Wastestream as Identified in the Scope of Work and Use:

Rinsate from triple rinsing drums

TDEC Code: None

Documents Reviewed[1]: NM PPP/HW Minimization Plan NA HMIS

NM Part B Permit NM HW Management Plan NA MSDS

NM 1991, NM 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: VR60310-01
Storage Location Description:

Outdoor HW storage compound near Building N-126; enclosed within a fence, no roof

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

5 and 55-gallon metal drums; good condition

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed TBD Characteristic

L Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:

Analyze for flash point and volatiles.

General Comments:

There are numerous drums in the compound the previously contained oil, fuel, and hydraulic fluid that will be triple rinsed in the oil/water separator at the fuel farm and disposed of through the HW Branch.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: VR-60 110/120 Work Center Contact: P. O. Bagby

Building Number: N-126 Work Center Phone: 873-7449

Work Center Activity Description: All operations have ceased.

The Power Plant removed and replaced engines as required; provided daily maintenance i.e., fluid servicing and minor repairs and inspection of C-9 aircraft. Airframes/Corrosion Control provided structural repair, maintenance of hydraulic related components and wheels, and corrosion control for C-9 aircraft.

Wastestream as Identified in the Scope of Work and Use:

Speedy dry w/oil and hydraulic fluid generated when speedy dry was placed on the floor prior to maintenance on engines, landing gear, and hydraulic system to keep personnel from slipping.

TDEC Code: None

Documents Reviewed[1]: NM PPP/HW Minimization Plan A HMIS (oil, etc.)

NM Part B Permit NM HW Management Plan A MSDS (oil, etc.)

NM 1991, NM 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: VR6013A-01, VR60120-01, and VR60110-01
Storage Location Description:

Outdoor HW storage compound near Building N-126; enclosed within a fence, no roof

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

Two 55-gallon metal drums; good condition

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed TBD Characteristic

S Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:
Analyze for TCLP (metals and volatiles).

General Comments:

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis_
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: Beech Aircraft

Work Center Contact: John Landsittel

Building Number: N-798

Work Center Phone: 873-7306

Work Center Activity Description:

This contractor performs maintenance on the C-12 aircraft.

Wastestream as Identified in the Scope of Work and Use:

Waste absorbent (speedy dry)

(This work center was not identified in the scope of work.)

TDEC Code: None

Documents Reviewed[1]: A PPP/HW Minimization Plan NA HMIS

NM Part B Permit NM HW Management Plan NM MSDS

NM 1991, NM 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: Not discussed in PPP
Storage Location Description:

Inside hangar N-798

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

Metal pushcart (on wheels), good condition; approximately 25 to 35 pounds

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed TBD Characteristic

S Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:

Minimize spillage of material that would warrant absorbents. Do not use the speedy dry until it has become saturated. Analyze for TCLP metals and TCLP volatiles.

General Comments:

The speedy dry is reused until no longer can absorb, then double bagged in plastic and taken to AIMD (N-12).

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: Beech Aircraft

Work Center Contact: John Landsittel

Building Number: N-798

Work Center Phone: 873-7306

Work Center Activity Description:

This contractor performs maintenance on the C-12 aircraft.

Wastestream as Identified in the Scope of Work and Use:

Empty aerosol paint cans

(This work center was not identified in the scope of work.)

TDEC Code: None

Documents Reviewed[1]: A PPP/HW Minimization Plan A HMIS

M Part B Permit M HW Management Plan A MSDS

NM 1991, NM 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: Not discussed in PPP
Storage Location Description:

Stored in flammable locker

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

16 oz aerosol cans, good condition

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed NA Characteristic

S Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:

Collect, puncture, and recycle aerosol cans. User knowledge, no analysis recommended.

General Comments:

When the cans are emptied, they are hand carried to AIMD (N-12) where they are punctured.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: Beech Aircraft

Work Center Contact: John Landsittel

Building Number: N-798

Work Center Phone: 873-7306

Work Center Activity Description:

This contractor performs maintenance on the C-12 aircraft.

Wastestream as Identified in the Scope of Work and Use:

NiCad batteries (6140-01-089-8134)

(This work center was not identified in the scope of work.)

TDEC Code: 46

Documents Reviewed[1]: A PPP/HW Minimization Plan A HMIS

A Part B Permit NM HW Management Plan A MSDS

M 1991, M 1992, M 1993 Wastestream Report NM 1991, NM 1992, A 1993 Waste Profile Sheet

Process ID Number: Not discussed in PPP

Storage Location Description:

Inside N-798

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

None

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed X Characteristic

S Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:

Recycle the batteries. User knowledge, no analysis recommended.

General Comments:

Approximately every 90 days the batteries are picked up by NAS Memphis and taken to a facility in Memphis to be recharged.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: Beech Aircraft

Work Center Contact: John Landsittel

Building Number: N-798

Work Center Phone: 873-7306

Work Center Activity Description:

This contractor performs maintenance on the C-12 aircraft.

Wastestream as Identified in the Scope of Work and Use:

Paper fuel filters
(This work center was not identified in the scope of work.)

TDEC Code: None

Documents Reviewed[1]: NM PPP/HW Minimization Plan NA HMIS

NM Part B Permit NM HW Management Plan NA MSDS

NM 1991, NM 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: Not discussed in PPP
Storage Location Description:

Inside N-798

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

None

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed NA Characteristic

S Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:

User knowledge, no analysis recommended.

General Comments:

The paper filters are allowed to dry and are then thrown in the dumpster.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: Beech Aircraft

Work Center Contact: John Landsittel

Building Number: N-798

Work Center Phone: 873-7306

Work Center Activity Description:

This contractor performs maintenance on the C-12 aircraft.

Wastestream as Identified in the Scope of Work and Use:

JP-5 generated from maintenance on C-12 aircraft

(This work center was not identified in the scope of work.)

TDEC Code: 43

Documents Reviewed[1]: A PPP/HW Minimization Plan A HMIS

A Part B Permit M HW Management Plan A MSDS

M 1991, M 1992, M 1993 Wastestream Report NM 1991, NM 1992, A 1993 Waste Profile Sheet

Process ID Number: Not discussed in PPP

Storage Location Description:

Flammable locker inside hangar N-798

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

5-gallon metal can, good condition

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed TBD Characteristic

L Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:

Collect, test, and use JP-5 fuel not suitable for aircraft in diesel driven equipment. Must be handled as a recyclable oil in accordance with 40 CFR 279. Analyze for flash point, metals, and total halogens.

General Comments:

Beech Aircraft accumulates the waste JP-5 in a 5-gallon can and stores it in the locker. When the can is full, it is taken to AIMD (N-12) storage area and poured in a 55-gallon waste fuel drum which is pumped out by the fuel farm for recycling. The 5-gallon can is returned to Beech Aircraft.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: Beech Aircraft

Work Center Contact: John Landsittel

Building Number: N-798

Work Center Phone: 873-7306

Work Center Activity Description:

This contractor performs maintenance on the C-12 aircraft.

Wastestream as Identified in the Scope of Work and Use:

Paint related waste (MEK, toluene, paint residue)

(This work center was not identified in the scope of work.)

TDEC Code: 11

Documents Reviewed[1]: A PPP/HW Minimization Plan A HMIS

A Part B Permit A HW Management Plan A MSDS

M 1991, M 1992, M 1993 Wastestream Report NM 1991, NM 1992, A 1993 Waste Profile Sheet

Process ID Number: Not discussed in PPP

Storage Location Description:

Flammable locker inside N-798

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

Coffee can with lid

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt X Listed X Characteristic

L Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:

Analyze for flash point, TCLP metals, and volatiles.

General Comments:

When the coffee can is full, it is taken to AIMD (N-12) and the contents poured into a paint disposal drum.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: Beech Aircraft

Work Center Contact: John Landsittel

Building Number: N-798

Work Center Phone: 873-7306

Work Center Activity Description:

This contractor performs maintenance on the C-12 aircraft.

Wastestream as Identified in the Scope of Work and Use:

Rags w/turbo oil and fuel

(This work center was not identified in the scope of work.)

TDEC Code: None

Documents Reviewed[1]: M PPP/HW Minimization Plan A HMIS

NM Part B Permit NM HW Management Plan A MSDS

NM 1991, NM 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: Not discussed in PPP

Storage Location Description:

Inside hangar

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

5-gallon metal can, good condition

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed NA Characteristic

S Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:

Collect, clean, and reuse contaminated rags. Avoid cross contamination with other waste streams. User knowledge, no analysis recommended.

General Comments:

Rags are placed in a metal can until full. The rags are then double bagged (plastic) and taken to the AIMD (N-12) outdoor storage area.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: Beech Aircraft

Work Center Contact: John Landsittel

Building Number: N-798

Work Center Phone: 873-7306

Work Center Activity Description:

This contractor performs maintenance on the C-12 aircraft.

Wastestream as Identified in the Scope of Work and Use:

Waste turbo oil generated from oil changes (9150-00-985-7099, Exxon 2380)

(This work center was not identified in the scope of work.)

TDEC Code: 24

Documents Reviewed[1]: M PPP/HW Minimization Plan M HMIS

M Part B Permit A HW Management Plan M MSDS

M 1991, M 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: Not discussed in PPP

Storage Location Description:

None

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

5-gallon metal can, good condition

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed TBD Characteristic

L Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:

Sample to verify the chemical composition, recycle if possible. Must be handled as a recyclable oil in accordance with 40 CFR 279. Analyze for metals, flash point, and total halogens.

General Comments:

Each engine holds 12 quarts. A total of 48 quarts is generated per year which is poured in 5-gallon cans, and transferred to the waste oil UST at AIMD (N-112). Empty cans go in the trash can after wiped clean and dried.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: Brig

Work Center Contact: P. O. Russell

Building Number: N-796

Work Center Phone: 873-5510

Work Center Activity Description:

This work center detains military personnel for judicial reasons.

Wastestream as Identified in the Scope of Work and Use:

Empty aerosol disinfectant cans
(This work center was not identified in the scope of work).

TDEC Code: None

Documents Reviewed[1]: M PPP/HW Minimization Plan A HMIS

NM Part B Permit NM HW Management Plan NA MSDS

NM 1991, NM 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: Not discussed in PPP.
Storage Location Description:

P.O. Russell's office

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

cardboard box

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed NA Characteristic

S Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:

Collect, puncture, and recycle aerosol cans. User knowledge, no analysis recommended.

General Comments:
Taken to N-1694.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: Brig

Work Center Contact: P. O. Russell

Building Number: N-796

Work Center Phone: 873-5510

Work Center Activity Description:

This work center detains military personnel for judicial reasons.

Wastestream as Identified in the Scope of Work and Use:

Empty plastic container (i.e., Econo lab)
(This work center was not identified in the scope of work).

TDEC Code: None

Documents Reviewed[1]: A PPP/HW Minimization Plan A HMIS

NM Part B Permit NM HW Management Plan A MSDS

NM 1991, NM 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: Not discussed in PPP.
Storage Location Description:

P.O. Russell's office

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

cardboard box

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed NA Characteristic

S Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:

Collect, drain, crush, and recycle container. User knowledge, no analysis recommended.

General Comments:
Taken to N-1694.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: Brig

Work Center Contact: P. O. Russell

Building Number: N-796

Work Center Phone: 873-5510

Work Center Activity Description:

This work center detains military personnel for judicial reasons.

Wastestream as Identified in the Scope of Work and Use:

Fluorescent light bulbs
(This work center was not identified in the scope of work.

TDEC Code: None

Documents Reviewed[1]: NM PPP/HW Minimization Plan NA HMIS

NM Part B Permit NM HW Management Plan NA MSDS

NM 1991, NM 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: Not discussed in PPP.
Storage Location Description:

P.O. Russell's office

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

original cardboard box

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed TBD Characteristic

S Physical Characteristic (Solid or Liquid) X Special Waste

Recommended Analysis or Handling Practices:

Put in original container and return to manufacturer. Analyze for TCLP mercury once a year.

General Comments:
Taken to N-1694.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream
[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: Brig

Work Center Contact: P. O. Russell

Building Number: N-796

Work Center Phone: 873-5510

Work Center Activity Description:

This work center detains military personnel for judicial reasons.

Wastestream as Identified in the Scope of Work and Use:

Used oil generated from lawn mowers
(This work center was not identified in the scope of work).

TDEC Code: None

Documents Reviewed[1]: M PPP/HW Minimization Plan A HMIS

M Part B Permit M HW Management Plan A MSDS

M 1991, M 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: Not discussed in PPP.
Storage Location Description:

None

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:

5-gallon metal and/or plastic cans

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed X Characteristic

L Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:
Handle in accordance with 40 CFR 279. Analyze for metal, flash point, and total halogens.

General Comments:
During summer, the 5-gallon cans are checked out from the Auto Hobby Shop. They are filled with oil generated from lawn mower oil changes, then taken back to the AHS.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream
[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: NEX Service Station — Work Center Contact: Ron Dahl

Building Number: S-341 & 757 — Work Center Phone: 872-2610

Work Center Activity Description:
This work center performs vehicle maintenance and supplies fuel for vehicles.

Wastestream as Identified in the Scope of Work and Use:
Empty aerosol cans (i.e., carburetor cleaner, WD-40, etc.)

TDEC Code: None

Documents Reviewed[1]: M PPP/HW Minimization Plan — NA HMIS

NM Part B Permit — NM HW Management Plan — NA MSDS

NM 1991, NM 1992, NM 1993 Wastestream Report — NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: Not discussed in PPP.
Storage Location Description:

Stored inside S-341 and 757

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:
55-gallon metal drums

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste — NA Exempt — NA Listed — NA Characteristic

S Physical Characteristic (Solid or Liquid) — NA Special Waste

Recommended Analysis or Handling Practices:
Collect, puncture, and recycle aerosol cans. User knowledge, no analysis recommended.

General Comments:
Empty aerosol cans are taken to N-1694 and shipped off for disposal through the DRMO disposal contractor.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: NEX Service Station

Work Center Contact: Ron Dahl

Building Number: S-341 & 757

Work Center Phone: 872-2610

Work Center Activity Description:
This work center performs vehicle maintenance and supplies fuel for vehicles.

Wastestream as Identified in the Scope of Work and Use:
Waste antifreeze

TDEC Code: None

Documents Reviewed[1]: A PPP/HW Minimization Plan — A HMIS

NM Part B Permit — NM HW Management Plan — A MSDS

A 1991, A 1992, NM 1993 Wastestream Report — NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: Not discussed in PPP.
Storage Location Description:

Stored inside S-341 and 757

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:
55-gallon metal drums

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste — NA Exempt — NA Listed — TBD Characteristic

L Physical Characteristic (Solid or Liquid) — NA Special Waste

Recommended Analysis or Handling Practices:
Collect and recycle the waste antifreeze. Analyze for TCLP metals.

General Comments:
A recycler machine is hooked up to the vehicles undergoing maintenance to suck out the old antifreeze. The antifreeze goes into a 55-gallon drum which is pumped out by Safety-Kleen. Empty antifreeze containers are rinsed out before being thrown in the dumpster. The rinsate is also dumped into the 55-gallon waste antifreeze drum.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: NEX Service Station — Work Center Contact: Ron Dahl

Building Number: S-341 & 757 — Work Center Phone: 872-2610

Work Center Activity Description:
This work center performs vehicle maintenance and supplies fuel for vehicles.

Wastestream as Identified in the Scope of Work and Use:
Lead acid battery

TDEC Code: None

Documents Reviewed[1]: M PPP/HW Minimization Plan — A HMIS

NM Part B Permit — NM HW Management Plan — A MSDS

NM 1991, NM 1992, NM 1993 Wastestream Report — NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: Not discussed in PPP.
Storage Location Description:

Stored inside S-758

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:
pallet

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste — NA Exempt — NA Listed — X Characteristic

S Physical Characteristic (Solid or Liquid) — NA Special Waste

Recommended Analysis or Handling Practices:
Collect the batteries for recycle. User knowledge, no analysis recommended.

General Comments:
When Eveready drops off new batteries, they pick up the used ones.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: NEX Service Station — Work Center Contact: Ron Dahl

Building Number: S-341 & 757 — Work Center Phone: 872-2610

Work Center Activity Description:
This work center performs vehicle maintenance and supplies fuel for vehicles.

Wastestream as Identified in the Scope of Work and Use:
Empty metal/plastic containers

TDEC Code: None

Documents Reviewed[1]: M PPP/HW Minimization Plan — A HMIS (oil, etc.)

NM Part B Permit — NM HW Management Plan — A MSDS (oil, etc.)

NM 1991, NM 1992, NM 1993 Wastestream Report — NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: Not discussed in PPP.
Storage Location Description:

Empty containers which previously held solvent-containing materials are stored in HM-30.

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:
55-gallon metal drums

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste — NA Exempt — NA Listed — NA Characteristic

S Physical Characteristic (Solid or Liquid) — NA Special Waste

Recommended Analysis or Handling Practices:
User knowledge, no analysis recommended.

General Comments:
The empty containers are drained for 24 hours. The containers which previously had oils in them are throw in the dumpster. If the containers had brake fluid, toluene, or other solvent-containing materials, they are accumulated in HM-30 and taken to N-1694.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: NEX Service Station — Work Center Contact: Ron Dahl

Building Number: S-341 & 757 — Work Center Phone: 872-2610

Work Center Activity Description:
This work center performs vehicle maintenance and supplies fuel for vehicles.

Wastestream as Identified in the Scope of Work and Use:
Waste freon

TDEC Code: None

Documents Reviewed[1]: M PPP/HW Minimization Plan — A HMIS (oil, etc.)

NM Part B Permit — NM HW Management Plan — A MSDS (oil, etc.)

NM 1991, NM 1992, NM 1993 Wastestream Report — NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: Not discussed in PPP.
Storage Location Description:

Stored inside S-341

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:
ACT 3000 recovery machine

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste — NA Exempt — X Listed — NA Characteristic

L Physical Characteristic (Solid or Liquid) — NA Special Waste

Recommended Analysis or Handling Practices:
Collect and recycle the waste freon. User knowledge, no analysis recommended.

General Comments:
The ACT 3000 recovery machine recovers and recycles the freon. Service Station personnel draw a vacuum on the empty containers and store in HM-30 for pickup, but they haven't found a disposal company yet.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: NEX Service Station

Work Center Contact: Ron Dahl

Building Number: S-341 & 757

Work Center Phone: 872-2610

Work Center Activity Description:
This work center performs vehicle maintenance and supplies fuel for vehicles.

Wastestream as Identified in the Scope of Work and Use:
Rags w/oil, grease, and Safety-Kleen solvent

TDEC Code: None

Documents Reviewed[1]: A PPP/HW Minimization Plan A HMIS

NM Part B Permit NM HW Management Plan A MSDS

NM 1991, NM 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: Not discussed in PPP.
Storage Location Description:

Service bay

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:
5-gallon metal can

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed X Characteristic

S Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:
The solvent rags should be accumulated separately. Analyze for TCLP (metals and volatiles).

General Comments:
NEX Service Station personnel completes form 1348-1. The rags are picked up by the HW Branch.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: NEX Service Station — Work Center Contact: Ron Dahl

Building Number: S-341 & 757 — Work Center Phone: 872-2610

Work Center Activity Description:
This work center performs vehicle maintenance and supplies fuel for vehicles.

Wastestream as Identified in the Scope of Work and Use:
Waste absorbent (speedy dry)

TDEC Code: None

Documents Reviewed[1]: NM PPP/HW Minimization Plan — A HMIS (oil, etc.)

NM Part B Permit — NM HW Management Plan — A MSDS (oil, etc.)

NM 1991, NM 1992, NM 1993 Wastestream Report — NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: Not discussed in PPP.
Storage Location Description:

Stored in outdoor flammable locker #HM30

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:
55-gallon metal drum

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste — NA Exempt — NA Listed — TBD Characteristic

S Physical Characteristic (Solid or Liquid) — NA Special Waste

Recommended Analysis or Handling Practices:
Minimize spillage of materials that would warrant absorbents. Analyze for TCLP (metals and volatiles).

General Comments:
When the absorbent can no longer be reused, it is put in HM30.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: NEX Service Station — Work Center Contact: Ron Dahl

Building Number: S-341 & 757 — Work Center Phone: 872-2610

Work Center Activity Description:
This work center performs vehicle maintenance and supplies fuel for vehicles.

Wastestream as Identified in the Scope of Work and Use:
Used tires

TDEC Code: None

Documents Reviewed[1]: M PPP/HW Minimization Plan — NA HMIS

NM Part B Permit — NM HW Management Plan — NA MSDS

NM 1991, NM 1992, NM 1993 Wastestream Report — NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: Not discussed in PPP.
Storage Location Description:

Outdoors adjacent to Building 757 in fenced cage with no roof

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:
None

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste — NA Exempt — NA Listed — NA Characteristic

S Physical Characteristic (Solid or Liquid) — NA Special Waste

Recommended Analysis or Handling Practices:
Collect the tires for recycle. User knowledge, no analysis recommended.

General Comments:
The used tires are picked up by Mack's Tire Recycling Company of Saltillo, Mississippi.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: NEX Service Station

Work Center Contact: Ron Dahl

Building Number: S-341 & 757

Work Center Phone: 872-2610

Work Center Activity Description:
This work center performs vehicle maintenance and supplies fuel for vehicles.

Wastestream as Identified in the Scope of Work and Use:
Used oil (i.e., transmission fluid, engine oil, and 80 or 90 weight differential oil) generated from oil changes and other vehicle maintenance

TDEC Code: 24

Documents Reviewed[1]: M PPP/HW Minimization Plan M HMIS

M Part B Permit M HW Management Plan M MSDS

M 1991, M 1992, M 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: Not discussed in PPP.
Storage Location Description:

Service area

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:
550-gallon UST

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed TBD Characteristic

L Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:
Analyze for metals, flash point, and total halogens.

General Comments:
Safety-Kleen picks up the oil for recycle.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable

NAS MEMPHIS
WASTESTREAM DOCUMENTATION FORM

Work Center: NEX Service Station

Work Center Contact: Ron Dahl

Building Number: S-341 & 757

Work Center Phone: 872-2610

Work Center Activity Description:
This work center performs vehicle maintenance and supplies fuel for vehicles.

Wastestream as Identified in the Scope of Work and Use:
Used oil filters

TDEC Code: None

Documents Reviewed[1]: M PPP/HW Minimization Plan NA HMIS

NM Part B Permit NM HW Management Plan NA MSDS

NM 1991, NM 1992, NM 1993 Wastestream Report NM 1991, NM 1992, NM 1993 Waste Profile Sheet

Process ID Number: Not discussed in PPP.
Storage Location Description:

Stored inside S-341

Container Type (i.e., drum, kit, bag), Construction, Condition, and Size:
55-gallon metal drum

Preliminary Waste Code Determination[2] (40 CFR 261):

X Solid Waste NA Exempt NA Listed TBD Characteristic

S Physical Characteristic (Solid or Liquid) NA Special Waste

Recommended Analysis or Handling Practices:
Collect and drain the used oil filters, then crush and recycle the oil and metal. Analyze for TCLP (metals and volatiles).

General Comments:
The filters are drained for 24 hours. The filters at S-757 are taken to S-341 where they are crushed and placed in a 55-gallon drum. The filters are picked up by Safety-Kleen.

[1]Coding System: NM — Not Mentioned in this Document
M — Mentioned in this Document, but no detail
A — Adequate detail to make comments on and gather information for this stream

[2]Coding System: TBD — To be Determined by Analysis
NA — Not Applicable