

**NAVAL AIR STATION  
MOFFETT FIELD, CALIFORNIA  
BASELINE ENVIRONMENTAL REPORT**

*Prepared for:*

**Naval Air Station Moffett Field**  
Moffett Field, California 94035

June 1994

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## LIST OF ACRONYMS

ABAG	Association of Bay Area Governments
ACM	Asbestos Containing Material
ADT	Average Daily Traffic
AFB	Air Force Base
AICUZ	Air Installation Compatible Use Zone
AQMD	Air Quality Management District
ARB	(California) Air Resources Board
ARC	Ames Research Center
AST	Aboveground Storage Tank
BAAQMD	Bay Area Air Quality Management District
BER	Baseline Environmental Report
BCDC	(San Francisco) Bay Conservation and Development Commission
BSC	Below Surface Level
CalEPA	California Environmental Protection Agency
CalTrans	California Department of Transportation
CalTrain	Peninsula Commuter Trains
CDR	Commander
CERCLA	Comprehensive Environmental Response, Compensation and Liability Act
CFR	Code of Federal Regulations
CHAMPUS	Civilian Health and Medical Program of the Uniformed Services
CNEL	Community Noise Equivalent Level
CNO	Chief of Naval Operations
CO	Commanding Officer or Commander of a Naval Installation
COE	U.S. Army Corps of Engineers
COMNAVBASE	Commander Naval Base
CS	Characterization Study
DFG	(California) Department of Fish and Game
DHS	(California) Department of Health Services
DWR	Department of Water Resources
EIS	Environmental Impact Statement
EPA	(U.S.) Environmental Protection Agency
FAA	Federal Aviation Administration
FEI	Final Environmental Impact Statement
FEM	Federal Emergency Management Agency
FM	Facilities Maintenance
FWS	(U.S.) Fish and Wildlife Service
HAZCOM	Hazard Communications Program Plan
HAZMIN	Hazardous Waste Minimization Study
HMMP	Hazardous Materials Management Plan
HOV	High-Occupancy Vehicle
HTA	Heavier-Than-Air Craft

## LIST OF ACRONYMS (Cont'd)

HUD	(U.S.) Department of Housing and Urban Development
HWMP	Hazardous Waste Management Plan
IAS	Initial Assessment Study
IFR	Instrument Flight Rules
IRP	Installation Restoration Program
LOS	Level of Service
LTA	Lighter-Than-Air Craft
MCE	Maximum Credible Earthquake
MCL	Maximum Contaminant Level
MEW	Middlefield-Ellis-Whisman
MOA	Military Operating Area
MROSD	Mid-Peninsula Regional Open Space District
MSL	Mean Sea Level
MTC	Metropolitan Transportation Commission
NAAQS	National Ambient Air Quality Standards
NAS	Naval Air Station
NASA	(U.S.) National Aeronautics and Space Administration
NAVFACENCOM	Naval Facilities Engineering Command
NEPA	National Environmental Policy Act
NPDES	National Pollutant Discharge Elimination System
NPL	National Priorities List
NRHP	National Register of Historic Places
NZ	Noise Zone
OSHA	Occupational Safety and Health Administration
OU	Operable Unit
PA	Preliminary Assessment
PGE	Pacific Gas & Electric Company
PRP	Potentially Responsible Party
PSD	Prevention of Significant Deterioration
PWC	(U.S. Navy) Public Works Center
RCRA	Resource Conservation and Recovery Act
RI	Remedial Investigation
RI/FS	Remedial Investigation/Feasibility Study
RWQCB	(California) Regional Water Quality Control Board
SARA	Superfund Amendments and Reauthorization Act
SHPO	State Historic Preservation Officer
SI	Site Inspection
SIP	State Implementation Program
SPCC	Spill Prevention Control and Counter Measure Plan
SPRP	Spill Prevention and Response Plan

## LIST OF ACRONYMS (Cont'd)

SWAT	Solid Waste Assessment Test
TSD	Treatment, Storage, and Disposal
TSP	Total Suspended Particulates
USDA	U.S. Department of Agriculture
USFWS	U.S. Fish and Wildlife Service - also listed as FWS
USGS	U.S. Geological Survey
USNPS	U. S. National Park Service
UST	Underground Storage Tank
WESTDIV	Western Division Naval Facilities Engineering Command

## UNITS OF MEASUREMENT

°C	degrees Celsius
cm/sec	centimeters/second
cy	cubic yard
Db	decibel
dBA	decibel on the A-weighted scale
°F	degrees Fahrenheit
g	acceleration of gravity
gpd	gallons per day
Kwh	kilowatt-hour
L <sub>dn</sub>	day/night equivalent noise level
L <sub>eq</sub>	energy-equivalent continuous noise level
mcf	million cubic feet
mgd	million gallons per day
mg/l	milligrams per liter
mi	mile
mg/kg	milligrams/kilogram
ppb	parts per billion
pph	parts per hundred
ppm	parts per million
PM <sub>10</sub>	inhalable particulate matter
µg/kg	micrograms per kilogram
µg/l	micrograms per liter

## CHEMICAL ABBREVIATIONS

CO	Carbon Monoxide
DCE	Dichloroethane
HC	Hydrocarbons
HVO	Halogenated Volatile Organics
MEK	Methyl Ethyl Ketone
MCL	Methylene Chloride

## LIST OF ACRONYMS (Cont'd)

### CHEMICAL ABBREVIATIONS (Cont'd)

NO <sub>x</sub>	Nitrogen Oxide
NO <sub>2</sub>	Nitrogen Dioxide
O <sub>3</sub>	Ozone
Pb	Lead
PCB	Polychlorinated Biphenyls
PCE	Tetrachloroethene
PM <sub>10</sub>	Inhalable Particulates
SO <sub>x</sub>	Sulfur Oxide
SO <sub>2</sub>	Sulfur Dioxide
TCA	Trichloroethane
TCE	Trichloroethylene
TPH	Total Petroleum Hydrocarbons
TPHc	Total Petroleum Hydrocarbons as JP5
TPHd	Total Petroleum Hydrocarbons as Diesel
TPHg	Total Petroleum Hydrocarbons as Gasoline
VOC	Volatile Organic Compounds

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## EXECUTIVE SUMMARY

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This Baseline Environmental Report (BER) shall be the basis for a categorical exclusion to comply with the National Environmental Policy Act (NEPA) and OPNAVINST 5090.1A for the transfer of Naval Air Station (NAS) Moffett Field to the National Aeronautics and Space Administration and Onizuka Air Force Base. A total of 184 documents were reviewed in the course of this report's preparation. The full range of environmental issues have been addressed; among these are endangered species, cultural resources, air quality and emissions, hazardous materials use and storage, aboveground and underground storage tank locations and status, asbestos and PCB occurrence, and the location and status of Installation Restoration Program Sites. To represent the existing environmental character of NAS Moffett Field, parcels defined by common environmental features and issues were created. Table I summarizes the environmental status of these parcels by relevant issues and concerns, and Figures 4-1 and 4-2 depict the parcels (Chapter 4, Findings). More detailed information on each parcel is provided on the Parcel Profiles in Chapter 4.

This report incorporates information published and available before December 31, 1993. References for this document are included in Chapter 5 and are summarized in Table 3-2.

During review of the existing available literature on the station, several potential data gaps were identified. Additional investigation or analytic data may be required for specific areas.

TABLE ES-1: ENVIRONMENTAL SUMMARY

Parcel	IRP Site No.	Acreage	UST/AST	Hazardous Materials	Hazardous Waste	PCBs Identified in 1993 PCB Inventory	Asbestos	Other
1	1	14	None	None	The area was a landfill between the early 1960s and 1978. Potentially hazardous materials were disposed of in this landfill. Leachate and ground water are contaminated with VOCs, PCBs, BNAs, and other organics and inorganics.	PCBs detected in leachate wells.	None	None
2	None	40	None	None	None	Six electrical components	N/A	Ruderal and salt marsh vegetation
3	11	1	One AST	None	Soil contaminated with organics, oil and grease, PAHs, and metals. Ground water contaminated with organics and metals.	Three electrical components	N/A	None
4	2	1	None	None	Area used as a landfill between the 1940s and 1960s. Some of the material disposed of may be potentially hazardous. Soil beneath site is contaminated with VOCs, BNAs, PCBs, and metals. Leachate contaminated with VOCs, BNAs, and inorganics.	Present in soil.	None	Ruderal vegetation.
5	None	24	One UST and one AST	Ordinance and hazardous materials were stored in Bldg. 484 during past year.	Corrosion around a drain was observed during a site inspection.	Six electrical components	19 assumed 4 confirmed	Ruderal and salt marsh vegetation.

TABLE ES-1: ENVIRONMENTAL SUMMARY (continued)

Parcel	IRP Site No.	Acreage	UST/AST	Hazardous Materials	Hazardous Waste	PCBs Identified in 1993 PCB Inventory	Asbestos	Other
6	None	92	Two USTs and one oil/water separator	None	None	Six electrical components	None	Nesting site for western burrowing owl.
7	None	8	None	Ordnance storage	None	None	None	None
8	3	2	None	None	Previous location of runoff containing solvents, strippers, fuels, detergents, and hydraulic fluids. Soil contaminated with VOCs, PCBs, TPHs, and metals. Ground water contaminated with organics and inorganics.	PCBs in soil	None	Habitat for the San Francisco forktail damsel fly
9	None	16	None	Ordnance storage	None	None	None	None
10	19 Golf crs., Land fill, Ptrl. road ditch	96	One UST and one AST	Hazardous materials stored during past year include paint, kerosene, oil, diesel fuel, and pesticides.	Staining and cracked concrete was observed during a site inspection.	Three electrical components	5 assumed 1 confirmed	Identified habitat for the San Francisco forktail damsel fly and western burrowing owl
11	7	36	Eight USTs and one AST	None	Hazardous wastes disposed of include paint, strippers, oils, solvents, fuels, and hydraulic oil. Fifteen organic compounds and 16 metals detected in ground water.	None	73 assumed 31 confirmed	None

TABLE ES-1: ENVIRONMENTAL SUMMARY (continued)

ES-4

Parcel	IRP Site No.	Acreage	UST/AST	Hazardous Materials	Hazardous Waste	PCBs Identified in 1993 PCB Inventory	Asbestos	Other
12	4 6 15 13 19	32	Two sumps, two oil/water separators, seven ASTs, and one drain	Hazardous materials stored during past year included motor oil, solvents, paint, and fuel.	Ground water and soil contaminated with organics and inorganics.	Three electrical components	16 assumed 2 confirmed	Adjacent to habitat for the San Francisco forktail damsel fly and western burrowing owl. Species may forage in parcel.
13	5	16	15 USTs, six ASTs, and one oil/water separator	None	Soil is contaminated with TPHC, BNAs, and metals. Free product reportedly floating on ground water.	Twenty-nine electrical components	46 assumed 3 confirmed	Habitat for the western burrowing owl.
14	None	42	None	Hazardous materials were stored in Bldgs. 458 and 504 during the past year.	Soil has high levels of barium, cadmium, chromium, and lead.	None	None	Nesting site for the forktail damsel fly
15	15	60	One sump, five USTs, and one AST.	A large quantity of hazardous materials were stored in Bldgs. 575 and 682 during the past year.	None	Seven electrical components	14 assumed 2 confirmed	Nesting site for the western burrowing owl
16	None	92	None	None	None	Three electrical components	None	Nesting site for the western burrowing owl

TABLE ES-1: ENVIRONMENTAL SUMMARY (continued)

Parcel	IRP Site No.	Acreage	UST/AST	Hazardous Materials	Hazardous Waste	PCBs Identified in 1993 PCB Inventory	Asbestos	Other
17	14 15 16	16	Eight USTs and four oil/water separators	Hazardous materials stored during the past year included solvents, motor oil, and methanol.	Ground water beneath site is affected by MEW plume. Soil is contaminated with chloroform, methylene chloride, diesel and metals.	Seven electrical components	21 assumed 6 confirmed	None
18	10 14 15 18 19  Zook Rd. spill site	88	14 USTs, three sumps, two oil/water separators, and seven ASTs	Bldg. 120 stored hazardous materials during the past year, including fuels, solvents, and paints.	Parcel 18 is affected by the MEW plume.	Twenty-nine electrical components	92 assumed 4 confirmed	Habitat for the western burrowing owl
19	None	12	One UST and one oil/water separator	None	Affected by MEW plume.	One electrical component	22 assumed 10 confirmed	None
20	10	370	Two USTs and three ASTs	None	Affected by MEW plume. Organics and metals detected in ground water; soils contaminated with TPHC, VOCs, BNAs, and metals.	Fifteen electrical components	None	Habitat for the western burrowing owl.
21	8	10	Two USTs.	None	Area affected by MEW plume. Soil contaminated with VOCs, organics, and metals. Stained asphalt noted during site inspection.	Three electrical components	4 assumed 1 confirmed	None

TABLE ES-1: ENVIRONMENTAL SUMMARY (continued)

Parcel	IRP Site No.	Acreage	UST/AST	Hazardous Materials	Hazardous Waste	PCBs Identified in 1993 PCB Inventory	Asbestos	Other
22	9 15 17	24	22 USTs, two ASTs, and three sumps.	None	Soil and ground water is contaminated with VOCs, organics, and metals. Ground water is affected by MEW plume.	Twenty-five electrical components	110 assumed 62 confirmed	Identified habitat for the San Francisco forktail damsel fly and western burrowing owl.
23	None	16	One AST.	Hazardous materials including photograph fixer and developer were stored in Bldg. 19 during the past year.	Spent photographic chemical waste was generated during the past year. Ground water is affected by the MEW plume.	Nine electrical components	43 assumed 21 confirmed	None
24	None	5	None	None	None	One electrical component	14 assumed 8 confirmed	Bldg. 17 nominated for historic resource status.
25	None	16	One AST	Hazardous materials including powdered aluminum phosphate, paint, gasoline, and lighter fluid.	Soils beneath Bldg. 501 may be affected by past activities.	Five electrical components	37 assumed 16 confirmed	None
26	None	55	Three USTs and one AST	None	None	Twenty-six electrical components	124 assumed 96 confirmed	None
27	None	80	None	None	None	One electrical component	None	None

TABLE ES-1: ENVIRONMENTAL SUMMARY (continued)

Parcel	IRP Site No.	Acreage	UST/AST	Hazardous Materials	Hazardous Waste	PCBs Identified in 1993 PCB Inventory	Asbestos	Other
28	12	1	None	None	Soil is contaminated with VOCs, BNAs, TPHC, oil and grease, and metals. Ground water is contaminated with metals.	None	None	None
29	None	500	Five ASTs	None	None	None	None	None
30	None	5	1 UST	None	None	None	2 assumed 0 confirmed	Habitat for the California clapper rail, the San Francisco foxtail damsel fly, and the salt marsh harvest mouse.
31	None	10	None	None	None	None	None	Some soil lead concentrations are higher than background levels.

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## **I.0 INTRODUCTION**

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### **I.1 PURPOSE OF BASELINE ENVIRONMENTAL REPORT**

The BER is designed to provide the U.S. Navy with relevant and appropriate information necessary for the environmental documentation process defined in the National Environmental Policy Act (NEPA). NAS Moffett Field is being transferred to other federal agencies, and this BER will provide the basis for a categorical exclusion to comply with NEPA and for the transfer of the property. The BER summarizes results of previous investigations. Some of the issues summarized include sensitive habitats, endangered species, cultural resources, hazardous materials use, tank locations and status, asbestos and PCB occurrence, and the status of Installation Restoration Program (IRP) sites. The BER provides information on the following:

- existing environmental conditions at the time of document preparation;
- existing on-base land use and historical land use at the site;
- the type, quantity, and duration of any storage, release, or disposal of a hazardous substance on the property; and
- identification of areas where incomplete information exists to sufficiently characterize an area.

### **I.2 ORGANIZATION OF THIS BASELINE ENVIRONMENTAL REPORT**

This BER is organized into chapters and appendices. Chapter 2.0 includes a description of the environmental setting at NAS Moffett Field. This description includes chemical usage, including pesticides and herbicides, and the status of underground and aboveground storage tanks, and IRP sites. Chapter 3.0 includes a description of the methods used to conduct the BER and the environmental factors considered. The findings of the BER are presented in Chapter 4.0. Chapter 5.0 contains a list of references. Individual references in the text are noted in parentheses with the name of the person and year of interview. These references are listed in Section 5.2. Chapter 6.0 provides a list of the document's preparers. The appendices provide supplementary information. Appendix A provides a listing of chemicals for which NAS Moffett Field maintains material safety data sheets. Cultural resource documents related to NAS Moffett Field are included in Appendix B.

### **I.3 SCOPE AND LIMITATIONS**

This BER documents, to the extent such information is available, the environmental conditions and concerns of the land, facilities, and real property assets for NAS Moffett Field as of December 31, 1993. All references used in the compilation of this report are provided in Chapter 5, and summarized by environmental topic in Table 3-2. The information and findings stated herein are based on a records search, a site inspection, and interviews with knowledgeable site personnel. At the time the BER was prepared,

much of NAS Moffett Field had a low level of military activity, compared with historical standards. Many flight and associated mission activities had ceased; most industrial activities had been closed. As a result, the conclusions and information presented in this document are based on inspections of a base operating below historical capacity. Some environmental concerns had not been addressed or were in the process of being addressed at the time of the BER preparation.

#### **1.4 PROPERTY DESCRIPTION**

NAS Moffett Field is located on the southwestern shoreline of San Francisco Bay, about 25 miles east of the Pacific Coast (See Figures 1-1 and 1-2). The City of Mountain View flanks the west and south boundaries of NAS Moffett Field while the north and east boundaries adjoin the City of Sunnyvale. Downtown San Jose is about seven miles southeast, and the City of San Francisco is about 32 miles northwest. U.S. Highway 101 passes just south of the base.

Approximately 1,500 acres of land within the boundaries of NAS Moffett Field are used for air operations, training, ordnance storage, supply, maintenance, personnel support facilities, and single and family housing. Two parallel runways that run north-south across the mid-section of the station divide operations, maintenance, supply, and training areas.

The main base property will be transferred to NASA in FY 1994 with the exception of certain recreational and family services facilities that will be transferred to Onizuka AFB. These facilities are listed on Table 1-1 above.

Naval Auxiliary Landing Field (NALF) Crows Landing is a detachment associated with NAS Moffett Field. Located in Stanislaus County, approximately 80 miles southeast of NAS Moffett Field, this facility was used as an auxiliary landing field. The property ownership will be transferred to NASA in FY 1994. Environmental documentation for NALF Crows Landing is presented in a separate BER document.

On the western side of NAS Moffett Field, two smaller parcels are surrounded by NASA Ames Research Center (ARC) facilities (Figure 1-3). These facilities consist of family housing (80 acres) and the waste oil transfer area (10 acres). One 35-acre parcel of land is separated from the southern border of the station by Highway 101; this parcel is leased to the City of Sunnyvale for use as a municipal golf course. Two additional housing parcels are located off the main base. A 20-acre parcel is located approximately 1 mile southwest of the station. This parcel was a former location of a transmitter facility and now contains Navy townhouses. The second off-base housing is located approximately 5 miles southeast of the main base. Known as NavAir Manor Housing, this 10.9-acre parcel contained single-family dwellings until 1991 when they were demolished.

#### **1.5 BASE MISSION**

NAS Moffett Field's mission has been to maintain and operate facilities and provide services and material to support operations of aviation activities and units of the operating forces of the U.S. Navy, including other activities and units as designated by the Chief of Naval Operations (CNO). The station has supported antisubmarine patrol operations

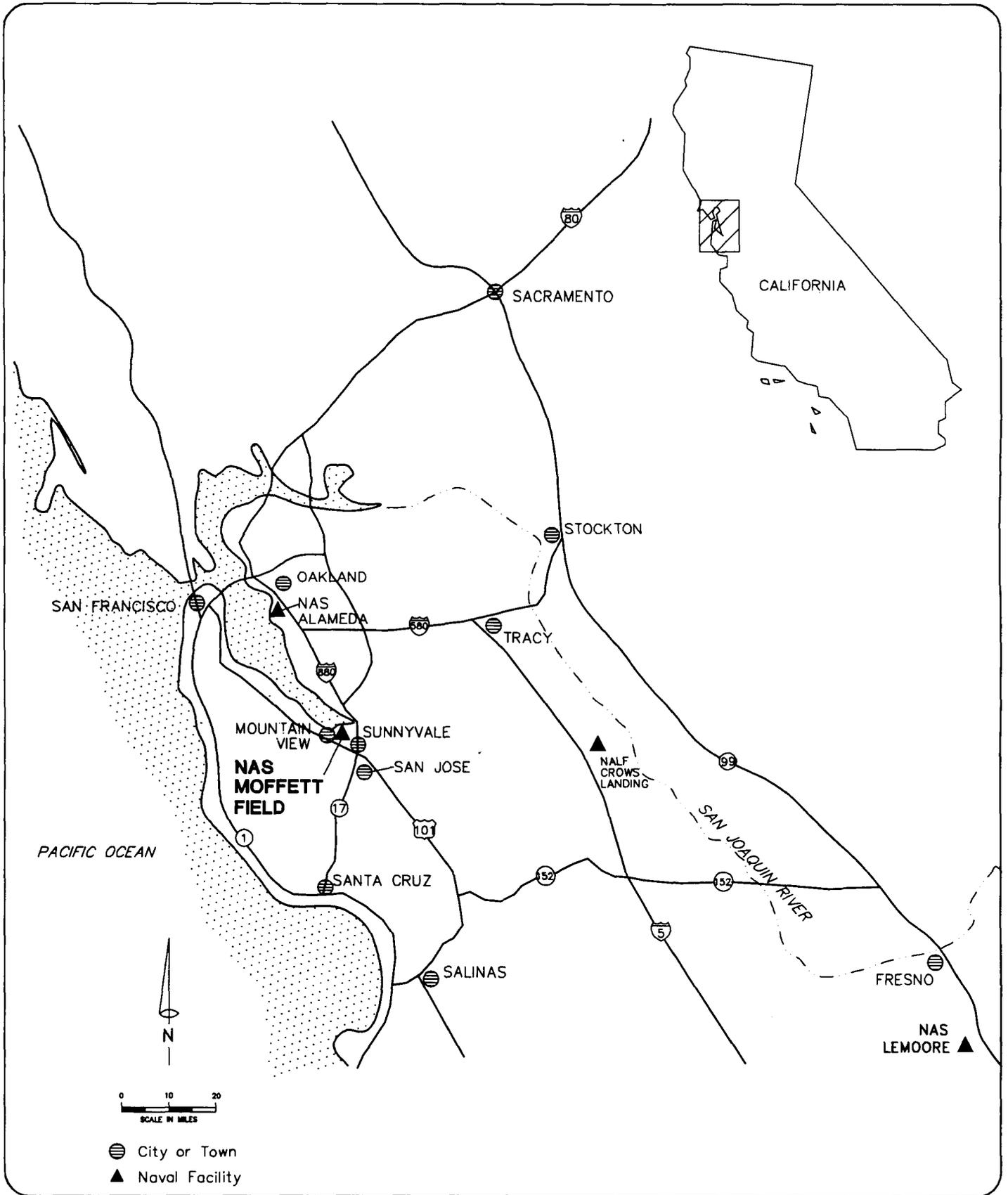


Figure 1-1

Regional Map  
NAS Moffet Field



UNINCORPORATED

SAN JOSE

SUNNYVALE

SALT  
EVAPORATION  
PONDS

NASA AMES  
RESEARCH  
CENTER

NAS  
MOFFETT  
FIELD

SHORELINE BLVD.

Navy Townhouses  
Former transmitter  
station

MOFFETT BLVD.

85

MOUNTAIN  
VIEW

MIDDLEFIELD

E. MAUDE

MATHILDA

Former location of  
Navy Family Housing  
known as  
"NAVAIR MANOR"

EAST DUANE AVE.

MORSE

LEGEND



NAS Moffett Field Boundary



Onizuka Air Force Base



NASA Ames Research Center



Jurisdictional Boundary (City/County)

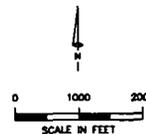


Figure 1-2

Vicinity Map  
NAS Moffett Field



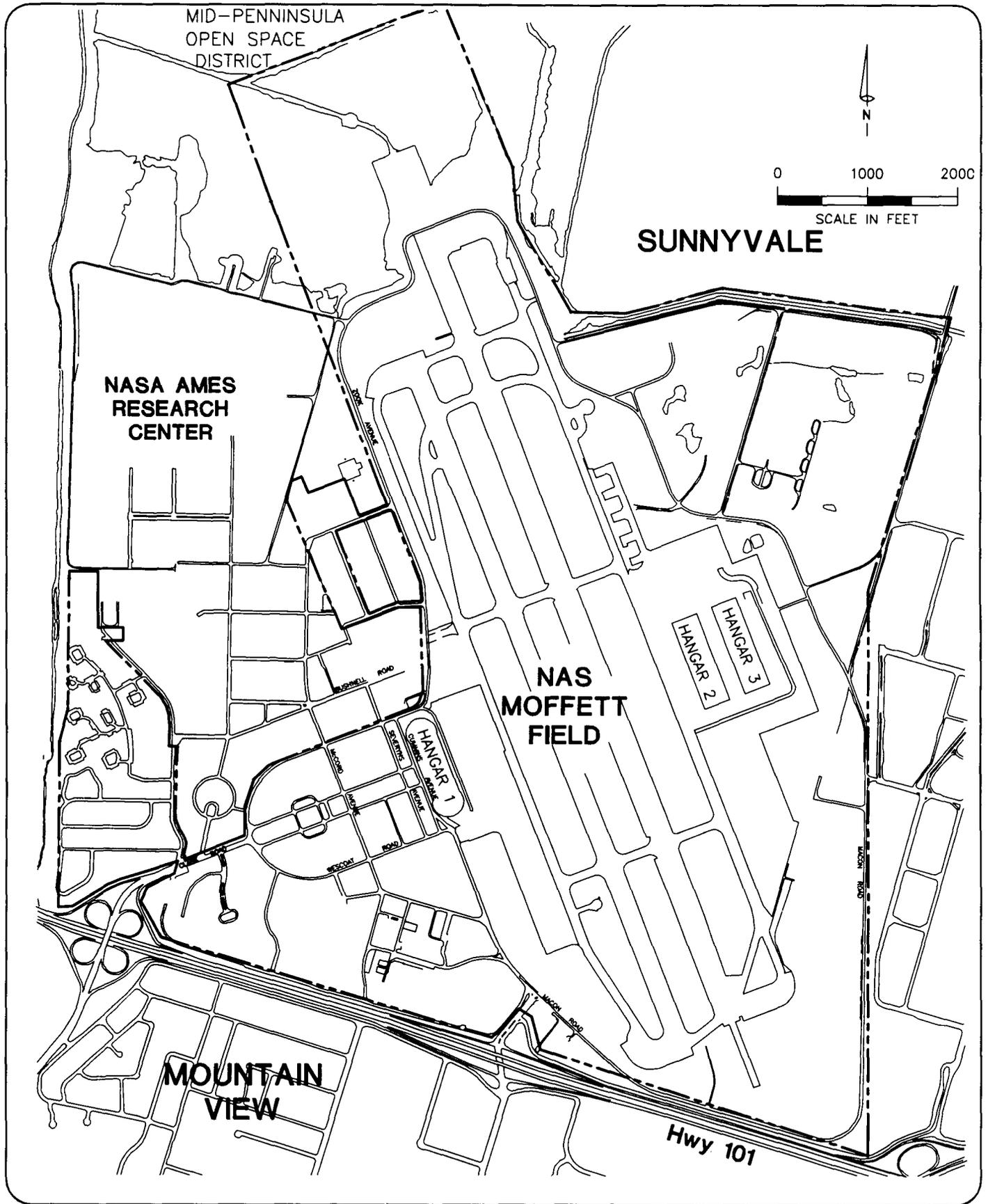


Figure 1-3

Facility Map  
NAS Moffett Field



TABLE I-1

Facilities to be Transferred to  
Onizuka Air Force Base

<u>Building/Facility Number</u>	<u>Facility Description</u>
48	Chapel and child care center
86	Chapel
207	Religious education building
223	Child care center
263	Tennis courts
295	Playing field (BB/SB diamond)
546	Dental/medical clinic
576	Youth center
577	Youth center
587	Family services center
593	Temporary lodging
597	Exchange snack stand
598	Picnic shelter
685	Hospital - medical training and administration

by P-3 Orion aircraft and has offered related training and maintenance.

Since the early 1960s, NAS Moffett Field has been the center of anti-submarine warfare patrol operations in the Pacific and was the largest base for P-3 Orions (submarine hunter patrol planes) in the world. The air station directed most of the United States defense against potentially hostile submarines, supported anti-submarine patrol operations by the P-3 aircraft, and performed related training and maintenance functions (U.S. Navy 1985).

## 1.6 BASE HISTORY

The history of NAS Moffett Field as a military installation is discussed in detail in Section 2.9.4, Historic Resources. A summary of historical background is presented below.

The history of NAS Moffett Field began with the success of rigid airships, particularly Germany's zeppelins in World War I, which inspired the U.S. Navy to develop a fleet of "dreadnoughts of the sky" in the 1920s.

On December 12, 1930, official word was given that the Sunnyvale site had been selected for the dirigible base. In February 1931, President Herbert Hoover signed the bill authorizing acceptance of the land, and five million dollars was authorized for construction of facilities at the "Sunnyvale Naval Air Station." Construction began in October 1931. In 1940, the station became the West Coast's Air Corps Training Center for air cadets. On April 16, 1942, the Army released the station to the U.S. Navy; the name was officially changed to NAS Moffett Field four days later.

The original air station buildings, completed in the early 1930s, were in an administrative campus organized around a double-loop drive and a residential compound for officers, which was built on a secondary *cul-de-sac* road leading from the main entrance road introduced by the sentry gate. The site was dominated by Hangar I, completed in 1933 at a cost of \$2,250,000.

The Navy's dirigible program was terminated in 1935 and the base was transferred to the Army Air Corps.

In mid-1942, a heavier-than-air (HTA) aircraft installation was established at NAS Moffett Field; the HTA operations increasingly took precedence over the lighter-than-air (LTA) aircraft operations.

Jet aircraft were introduced to NAS Moffett Field's operations in the early 1950s.

In November 1962, NAS Moffett Field was selected as the West Coast site to operate the U.S. Navy's newest, fastest, and most versatile submarine-hunter-patrol airplane, the P-3 Orion, thus marking the beginning of the current mission at the station (U.S. Navy 1985).

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## 2.0 ENVIRONMENTAL SETTING

### 2.1 LAND USE

#### 2.1.1 ON-BASE LAND USE

NAS Moffett Field consists of approximately 2,354.06 acres which includes a substantial portion in aviation easements for approach and takeoff clear zones. Land devoted to enlisted family housing is separated from the main station by NASA Ames Research Center. A 35-acre parcel is separated from the station by Highway 101 and is outleased on a long-term basis to the City of Sunnyvale for a golf course; additional encumbrances and outgrants total 28 acres.

NASA Ames Research Center is located adjacent to the boundaries of NAS Moffett Field. Their property, totalling 430 acres, is owned by NASA. In 1939, Ames Aeronautical Laboratory was granted permission to construct a high-speed wind tunnel for aerospace experiments. The facility has been taken over by NASA, which continues operations in aerospace research.

Total Land Summary	Acres
<i>NAS Moffett Field</i>	
Fee Ownership	1,568.45
Easements & Permits	785.22
Leases	0.39
<b>Subtotal</b>	<b>2,354.06</b>
<i>NASA</i>	
Fee Ownership	430.00
<b>Total</b>	<b>2,784.06</b>

The Master Plan for NAS Moffett Field divides the station into nine basic categories that are briefly summarized below (see also Figure 2-1).

- Operational and training functions. These are centered around the runways, taxiways, and parking aprons. The operations are divided by the airfield.
- Supply uses. These include a main warehouse west of the runway surrounded by NASA Ames facilities and an ordnance storage facility northeast of the runway.

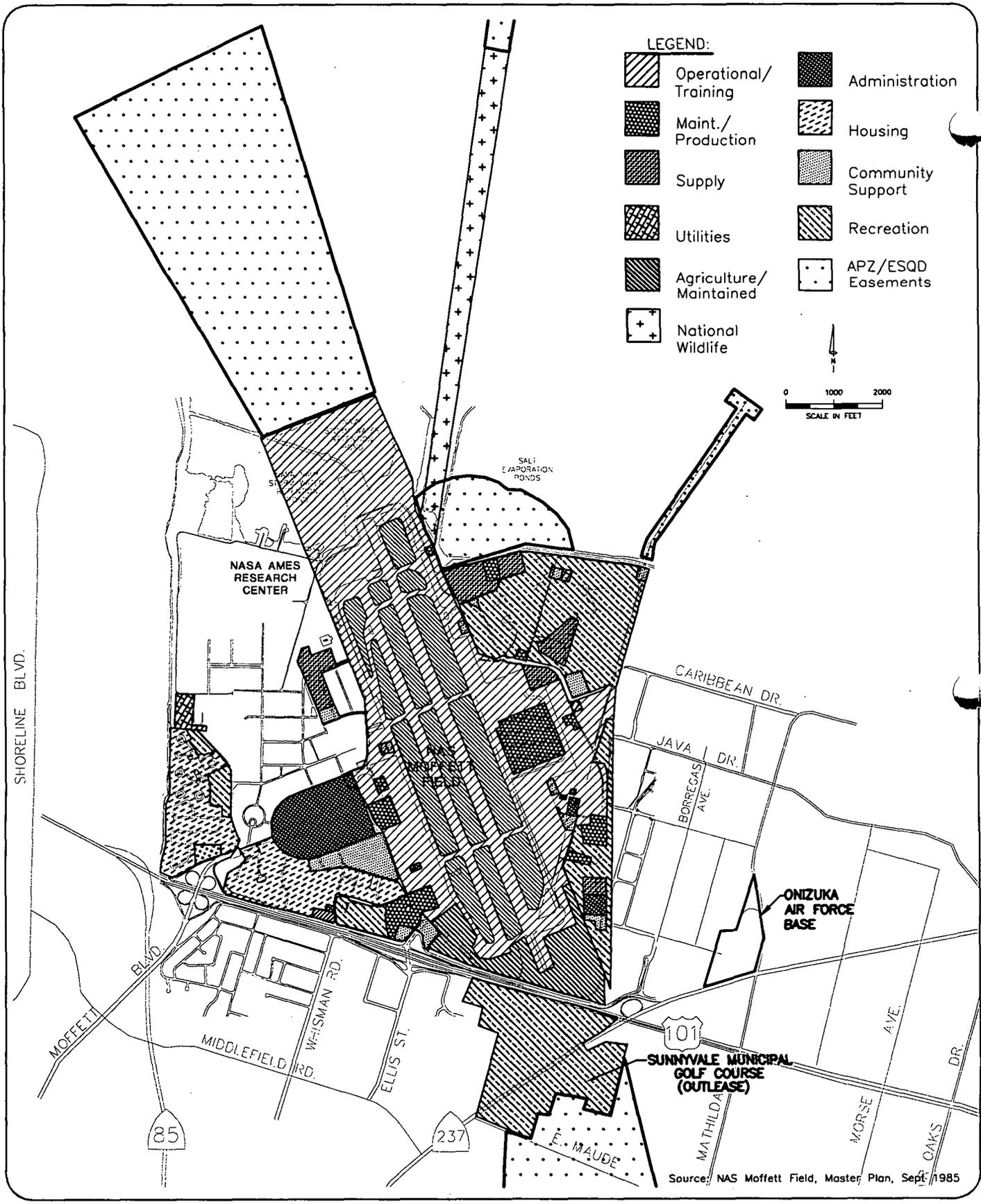


Figure 2-1

Existing On-Base Land Uses and Easements  
NAS Moffett Field



- Public Works/Utilities. Widely dispersed sewer collection, water, steam, and electrical distribution lines service the station.
- Administration. Located in the central-eastern portion of the base, this large cluster of buildings is adjacent to Highway 101.
- Medical/Dental. Facilities are located near family housing.
- Community Support. The commissary, navy exchange, post office, chapel, and child care center are located west of the runways.
- Recreation. A golf course is located in the northwestern corner of the property, and a track and open playing fields are near the housing areas. Immediately south of the station across Highway 101 is the Sunnyvale Municipal Golf Course which is used by base personnel. Owned by the station but outleased to Sunnyvale, the course is situated within the setback area determined by Air Installations Compatible Use Zone (AICUZ) of NAS Moffett Field.
- Housing. There are 802 family housing units at NAS Moffett Field, as well as bachelor quarters. The majority of the family units are located on the southwestern corner of the central property near the main gate (See Figure 2-1). Off-base townhouse units are located across Highway 101 approximately one mile from the main gate. NavAir Manor, formerly off-base officers' family housing units located in a residentially-zoned portion of the City of Sunnyvale, has been demolished. Bachelor quarters are located on-base in the residential and administration areas.
- Agriculture. There are six fields for growing forage crops at the station. These total 115.6 acres and rim the southern portion of the runway, as illustrated in Figure 2-2. The fields have been outleased for growing alfalfa and oat hay on a five-year contract (U.S. Navy (WESTDIV) & USDA 1990). Maintained areas within the runway were mowed by the agricultural holder as per contracted agreement (as shown in Figure 2-2). The last lease expired in 1988 and was not renewed. The fields are currently fallow.

### 2.1.2 SURROUNDING LAND USE AND ZONING

**Relationship of Station to Adjacent Uses.** NAS Moffett Field is located in an unincorporated area within the jurisdictional boundaries of Santa Clara County. The City of Mountain View borders NAS Moffett Field on the west and south while the City of Sunnyvale borders the station's north and east property line.

U.S. Navy townhouses built in the late 1980s occupy a 20-acre parcel of U.S. Navy land in the City of Mountain View. Located approximately one mile southwest of the base at the intersection of Moffett Boulevard and Middlefield Road, this parcel formerly housed a transmitter station (see Figure 1-2).

LEGEND

Field Number	Acres
①	14.0 ac.
②	59.6 ac.
③	30.0 ac.
④	4.0 ac.
⑤	3.0 ac.
⑥	5.0 ac.

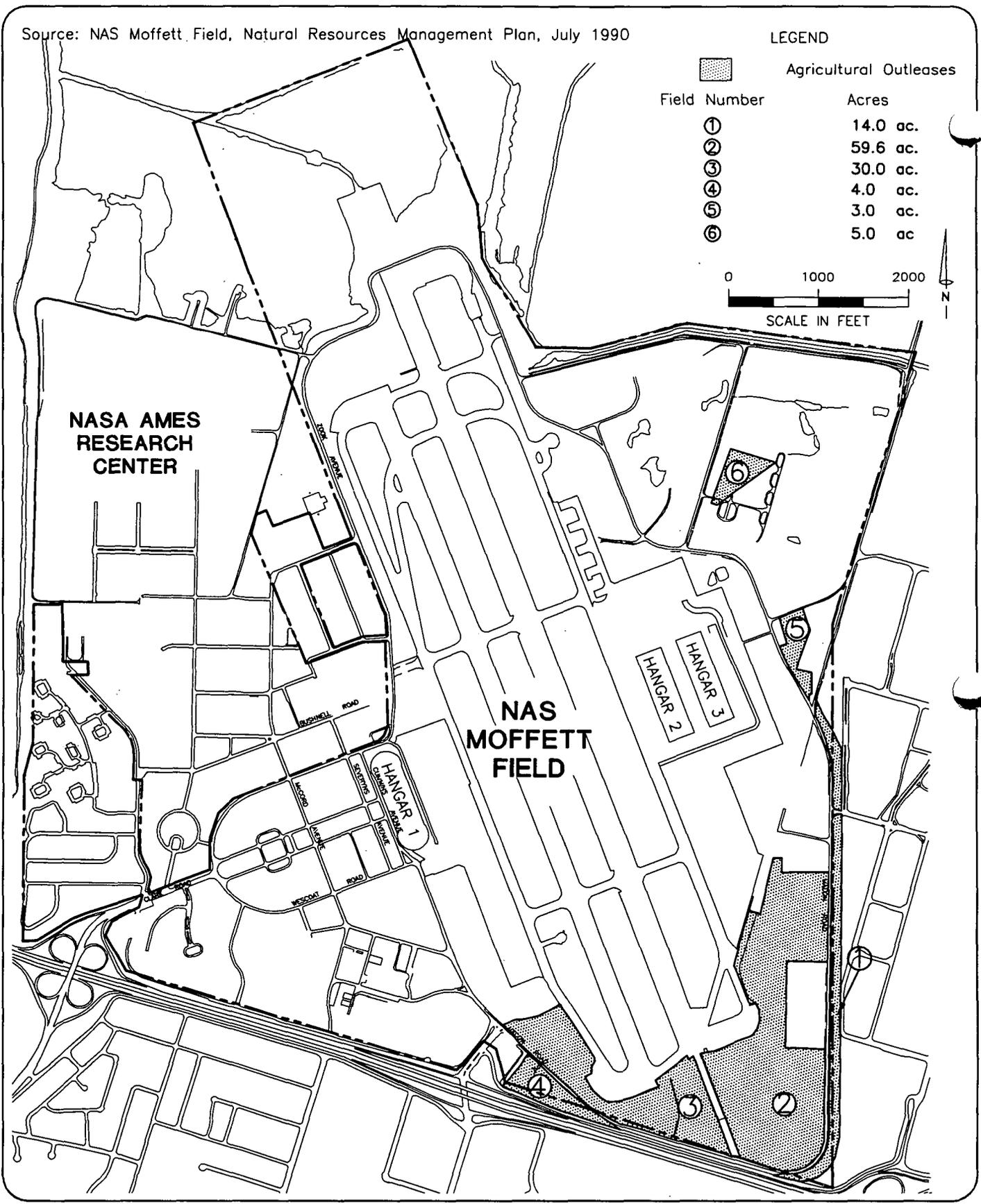
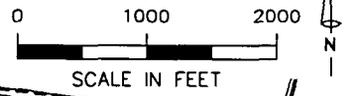


Figure 2-2 Former Agricultural Outleasements  
NAS Moffett Field



**Surrounding Land Uses.** NAS Moffett Field is located in an area that has experienced rapid and intensive private development as part of the boom in the semiconductor and computer industries. The land use in the vicinity of the station is heavily urbanized.

Land uses around NAS Moffett Field are varied, as shown in Figure 2-3. Tidal wetlands lie to the northwest, adjacent to the mouth of Stevens Creek. Directly north of the station and within the jurisdiction of the City of Sunnyvale are large salt evaporator ponds owned by the Cargill Salt Company. In the City's general plan, the ponds are referred to as baylands, which are reserved for low intensity conservation uses and public recreation areas. Bisecting the ponds is a thin strip of land, part of the San Francisco Bay National Wildlife Refuge and managed by the U.S. Fish and Wildlife Service.

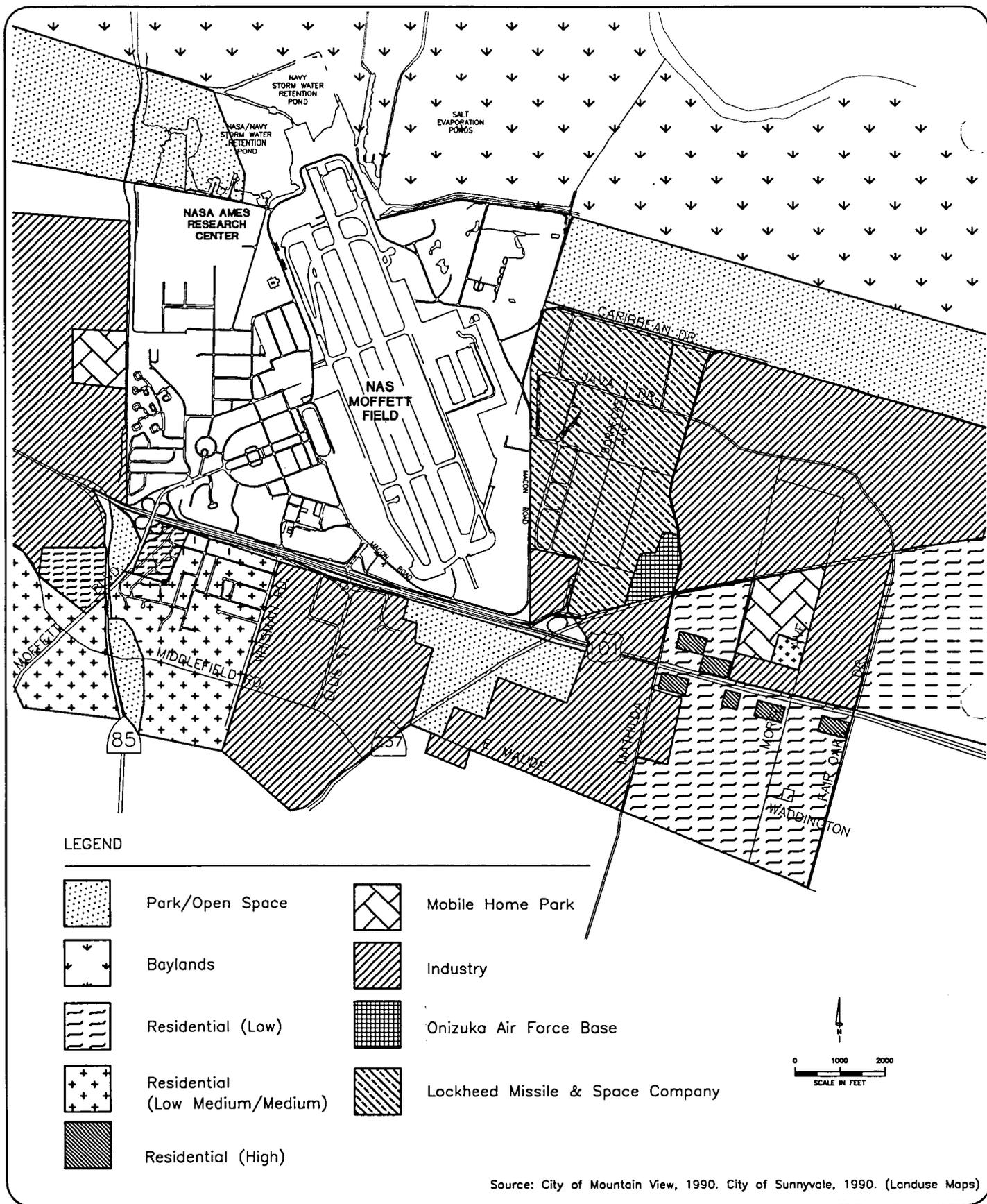
Bounding the entire eastern side of NAS Moffett Field is the large industrial and research facility, Lockheed Missiles and Space Company. The many industrial buildings and administrative structures that make up the Lockheed complex extend all the way from the northeastern corner of the station to the southeastern corner and the intersection of the Alviso Freeway (Highway 237) and Bayshore Freeway (U.S. Highway 101). Onizuka Air Force Base is situated on a small parcel of land, which directly adjoins the Lockheed facilities and is located just east of NAS Moffett Field along the Alviso Freeway.

The southern border of the station is separated from adjacent land by Interstate 101. This provides a solid barrier between the U.S. Navy facility and the Sunnyvale Municipal Golf Course at the southeastern border. The residential and light industrial development of the City of Sunnyvale along the remainder of the southern boundary is also separated by the freeway.

A 430-acre parcel, adjacent to the northwestern border of the NAS Moffett Field property, is owned and used by the NASA Ames Research Center (ARC). The NASA facility is comprised of research buildings, support buildings, such as administration and office buildings, warehouses, cafeterias, and road and utility systems. Figure 2-4 depicts the layout of the ARC facility. ARC provides research and development of new aerospace technology to support space exploration and improve aircraft safety and performance. Flight simulation, theoretical and fluid mechanics and human factors technology labs, the Headquarters and Aeromechanics Laboratory of the U.S. Army Research and Technology Laboratories are located at ARC. Army researchers explore fields of mutual interest to NASA, such as rotocraft technology (U.S. Navy 1985). NASA and NAS Moffett Field have often interacted in their operations.

The remaining land adjacent to the western boundary of NAS Moffett Field, between the property boundary and Stevens Creek, is seasonal wetland. The wetland includes the Stevens Creek Shoreline Nature Study Area, a 54-acre parcel formerly known as the Crittenden Marsh. This land was purchased in 1981 by the Mid-Peninsula Regional Open Space District (MROSD) primarily for preservation and restoration as tidal or seasonal wetland. One of the leading proponents of the Bay Trail, the MROSD supports the use of its land as trailway through the area (David Hansen, personal communication 1990).

The land use southwest of the Stevens Creek levee is composed of private industrial and gravel mining operations, as well as office park structures typical of computer research and development operations. Light industrial operations and office park structures are the primary forms of development in the area. Also located in this region and bounded



**Figure 2-3** Surrounding Land Uses  
NAS Moffett Field



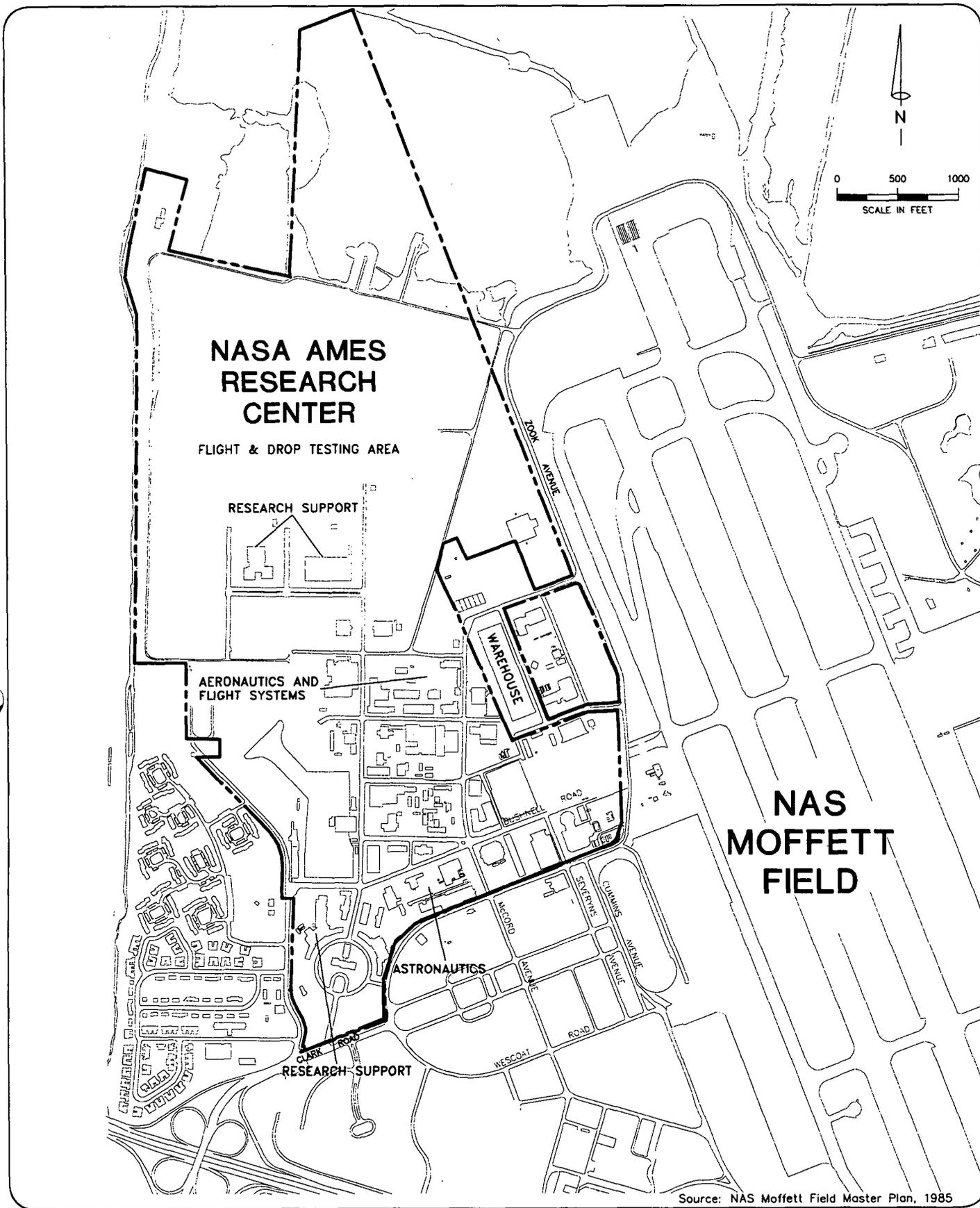


Figure 2-4

NASA Ames Research Center  
 NAS Moffett Field



on the east by the NASA Ames Research Center is a retirement mobile home park. Farther north is a large parcel of fill land that makes up the Shoreline Golf Course and Park.

NavAir Manor is an outlying U.S. Navy property three miles from NAS Moffett Field (as shown in Figure 1-2). Formerly composed of 72 duplex units constructed in 1952, the buildings were demolished approximately two years ago and the site now lies vacant (Tetra Tech 1993).

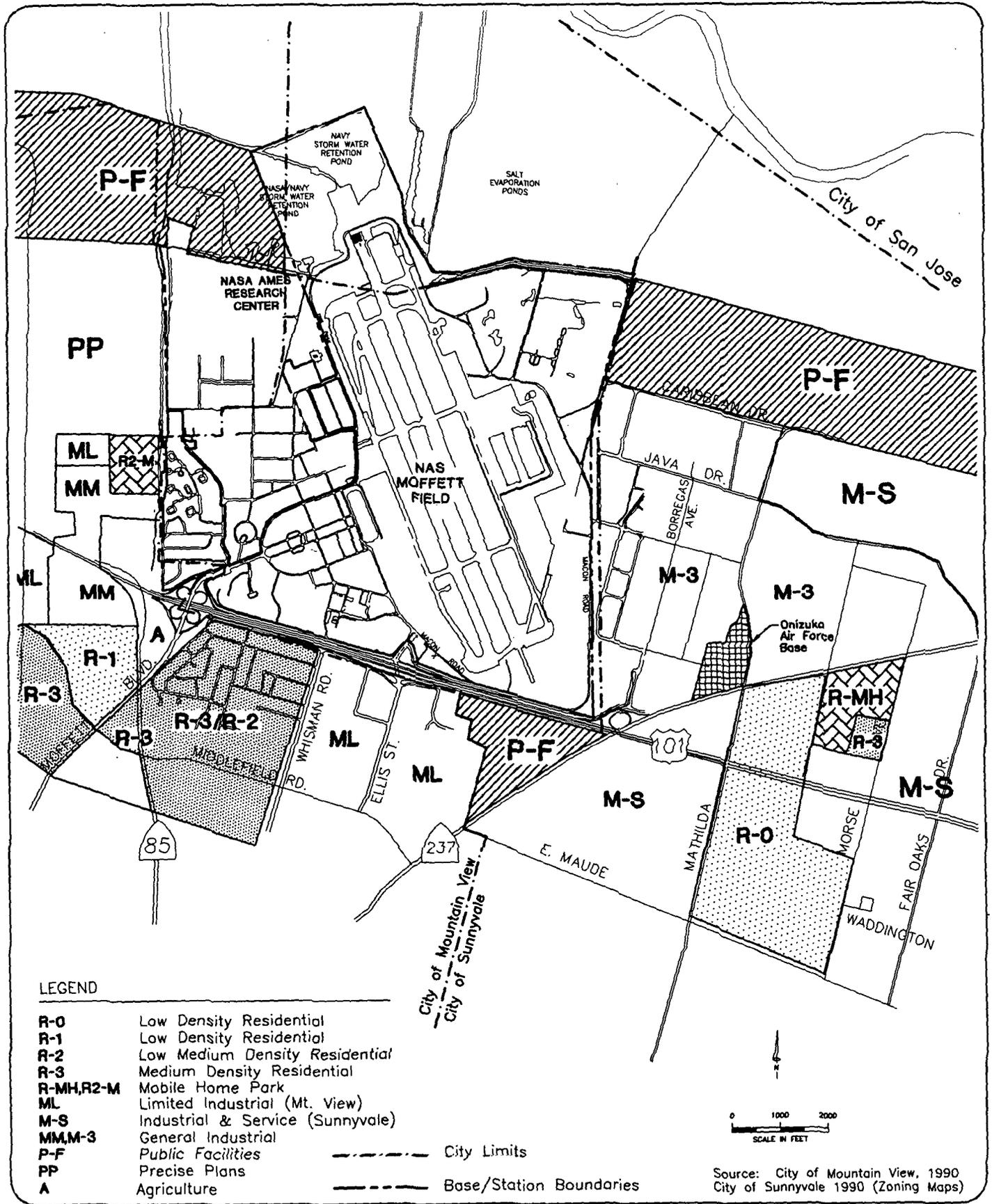
**Surrounding Zoning.** The zoning of properties around the station corresponds with the land uses. The City of Sunnyvale zoned most of its adjoining areas General Industrial (M-3), while the City of Mountain View zones its areas southwest of the station as Multiple Family Residential and to the west and northwest as Public Facilities (P-F), Mixed Manufacturing (M-M), and Mobile Home Residential (R2-M). Zoning designations are shown in Figure 2-5.

**Surrounding Land Use Issues.** A variety of land use control and compatibility issues have risen around NAS Moffett Field. Besides the effects of noise and safety expected of an airport in proximity to residential development, there is a unique set of issues associated with NAS Moffett Field. These include congestion of regional airspace, which increases pressure for civilian use of the airfield; overlap of ordnance storage safety zones with the proposed Bay Trail; and competition between efforts to save and improve the wetlands with the need to control flooding of the airfield.

Among the most publicized issues concerning land use around NAS Moffett Field is the development of the Bay Trail. Conceived as a 400-mile hiking and bicycling trail around the entire San Francisco Bay, the trail is emerging as a multiuse path. However, there are a number of gaps, one of which is through the zone around NAS Moffett Field. The original Bay Trail alignment called for a pathway on top of the main levee (Association of Bay Area Governments 1989), which is leased by the U.S. Navy from the Cargill Salt Company. The Navy has opposed this alignment because it would bring users of the trail within yards of active ordnance magazines, ordnance handling pads, and a pistol firing range. Bay Trail users would be passing through areas that would fall well within the boundary arcs defining ordnance safety zones. Alternative alignments that lie north of the NAS Moffett Field boundary are still being discussed, but the issue remains unresolved (Wiese, personal communication 1993).

**The Planning Environment.** Since the land area around NAS Moffett Field has been developed, the number of governmental and regulatory agencies and commissions have increased to the point where there is now a complex network of overlapping jurisdictions and mandates. The proximity of the wetlands that separate the bay from NAS Moffett Field has become an issue of concern from the federal level to local special interest groups. A brief summary of governmental jurisdictional entities concerned with land use issues follows and will demonstrate the complexity of the planning environment surrounding the station.

*Federal.* The U.S. Army Corps of Engineers is responsible for protecting the navigable waters of the U.S., including marshes, swamps, and environmentally valuable wetlands. Land in the northernmost portion of NAS Moffett Field comes under the jurisdiction of the Corps. The U.S. Fish and Wildlife Service (FWS) is a commenting agency involved in



**Figure 2-5 Existing Zoning Surrounding NAS Moffett Field**



any action related to wetlands and wildlife habitat and maintains jurisdiction over the refuge north of the station.

*State and Regional.* The California Department of Fish and Game (DFG) is empowered to evaluate and review all activities that affect State biological resources. The Association of Bay Area Governments (ABAG) serves as a clearinghouse for regional planning issues; it also reviews major environmental impact reports on behalf of its member cities and counties. The San Francisco Bay Conservation and Development Commission (BCDC) has authority over all lands within 100 feet of San Francisco Bay. Although NAS Moffett Field, as federal land, is specifically excluded from BCDC jurisdiction, the agency's jurisdiction over lands immediately adjacent to NAS Moffett Field constrains some base-related activities. The Mid-Peninsula Regional Open Space District (MROSD) acquires and maintains properties in bayland areas, including a parcel adjacent to the north side of the NASA Ames Research Center. The Metropolitan Transportation Commission (MTC) coordinates the development of the road and rail networks that service the area around NAS Moffett Field in conjunction with local municipalities and CalTrans.

*County and Local.* The land on which NAS Moffett Field is situated is an unincorporated part of the county of Santa Clara. The County Planning Department provides a liaison role in land use issues between NAS Moffett Field and local and regional bodies. The county's general plan establishes long-term land use policies that directly affect the development activities at NAS Moffett Field. Similarly, the relationship of NAS Moffett Field to the county's Airport Land Use Commission (ALUC) is critical to the operations at NAS Moffett Field. The Santa Clara Valley Water District (SCVWD) is a special district responsible for reducing flood hazards. In conjunction with both regional and local entities, the SCVWD is heavily involved with land use issues affecting the creeks and reservoirs around NAS Moffett Field. The City of Sunnyvale controls zoning and land use of the Lockheed property and represents a large number of people who live around the station. The City of Mountain View has particular concerns about land use compatibility related to the development of industrial and residential areas adjacent to the station.

## **2.2 PHYSIOGRAPHY AND GEOLOGY**

### **2.2.1 PHYSIOGRAPHY**

NAS Moffett Field occupies 2,354 acres of gently sloping land along the south-western side of lower San Francisco Bay, at the northwestern end of the Santa Clara Valley. NAS Moffett Field ranges in elevation from sea level at its northeastern border to 35 feet at its southern border (Figure 2-6). Several salt evaporation ponds operated by the Cargill Salt Company form the site's northern border. These salt ponds and the surrounding marsh have been filled over time to produce new land. Given that the reclaimed land is close to sea level, it is affected by 100-year tidal flooding. Geographically, the station is adjacent to the cities of Sunnyvale and Mountain View.

### **2.2.2 GEOLOGY**

Bedrock at the site is composed of Franciscan sediments encountered in boreholes at 1,370 feet below the ground surface (U.S. Navy (WESTDIV) 1988a). The Franciscan Formation is overlain unconformably by the Santa Clara Formation, which consists of clays

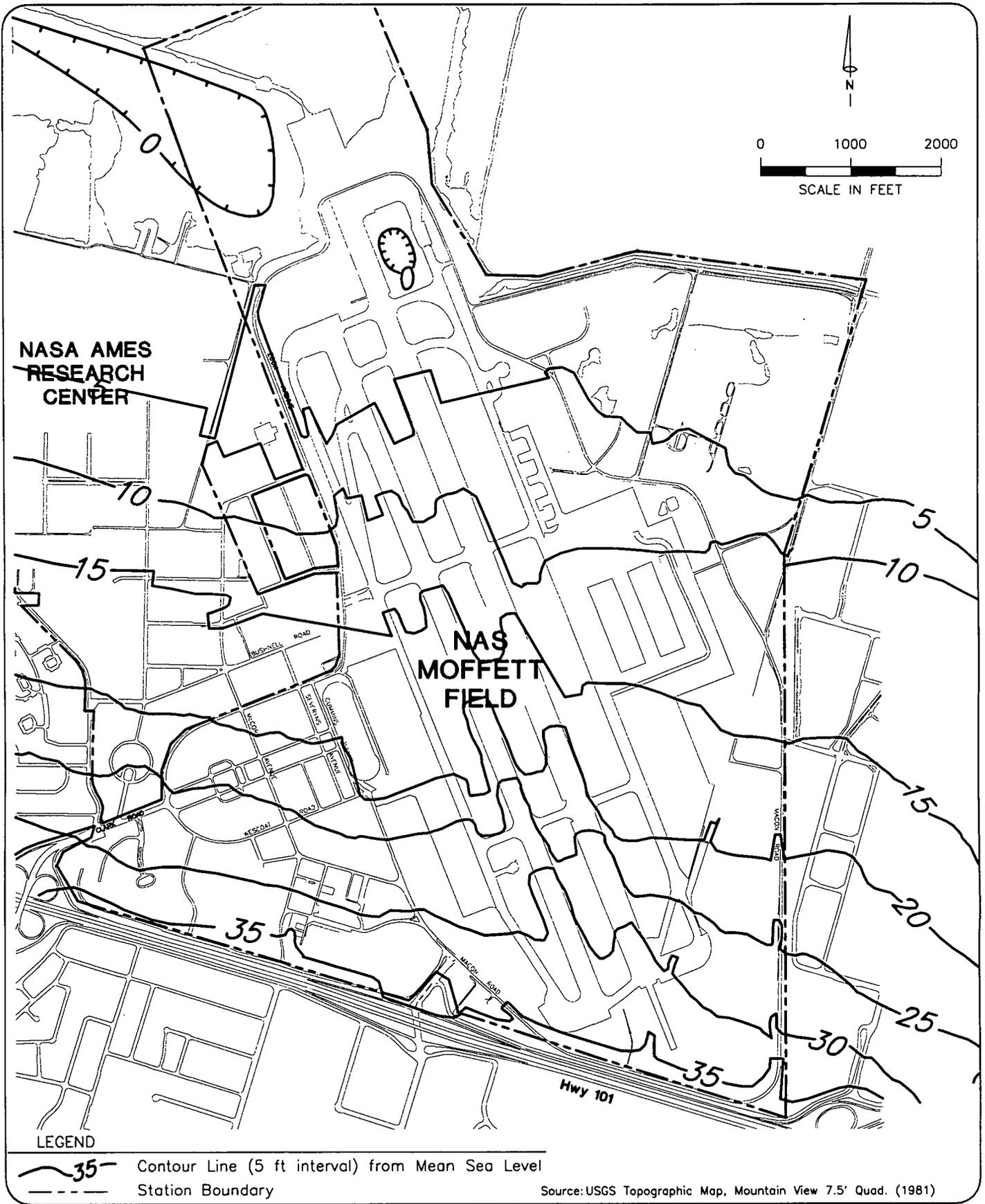


Figure 2-6

Site Topography  
NAS Moffett Field



and gravelly sand aquifers. The Santa Clara Formation aquifers are the South Bay's primary domestic water source. A thick sequence of fine-grained older alluvial deposits caps the Santa Clara Formation and serves as an aquitard that separates it from younger, shallower, water-bearing alluvial sands. The water contained within the shallow alluvial aquifers is not potable because of brackish water intrusion or contamination. However, the criteria established by the Regional Water Quality Control Board (RWQCB) indicate that the ground water is a potential source of drinking water based on total dissolved solids and capacity (PRC 1993f). A discussion of ground water resources is presented in Section 2.5.

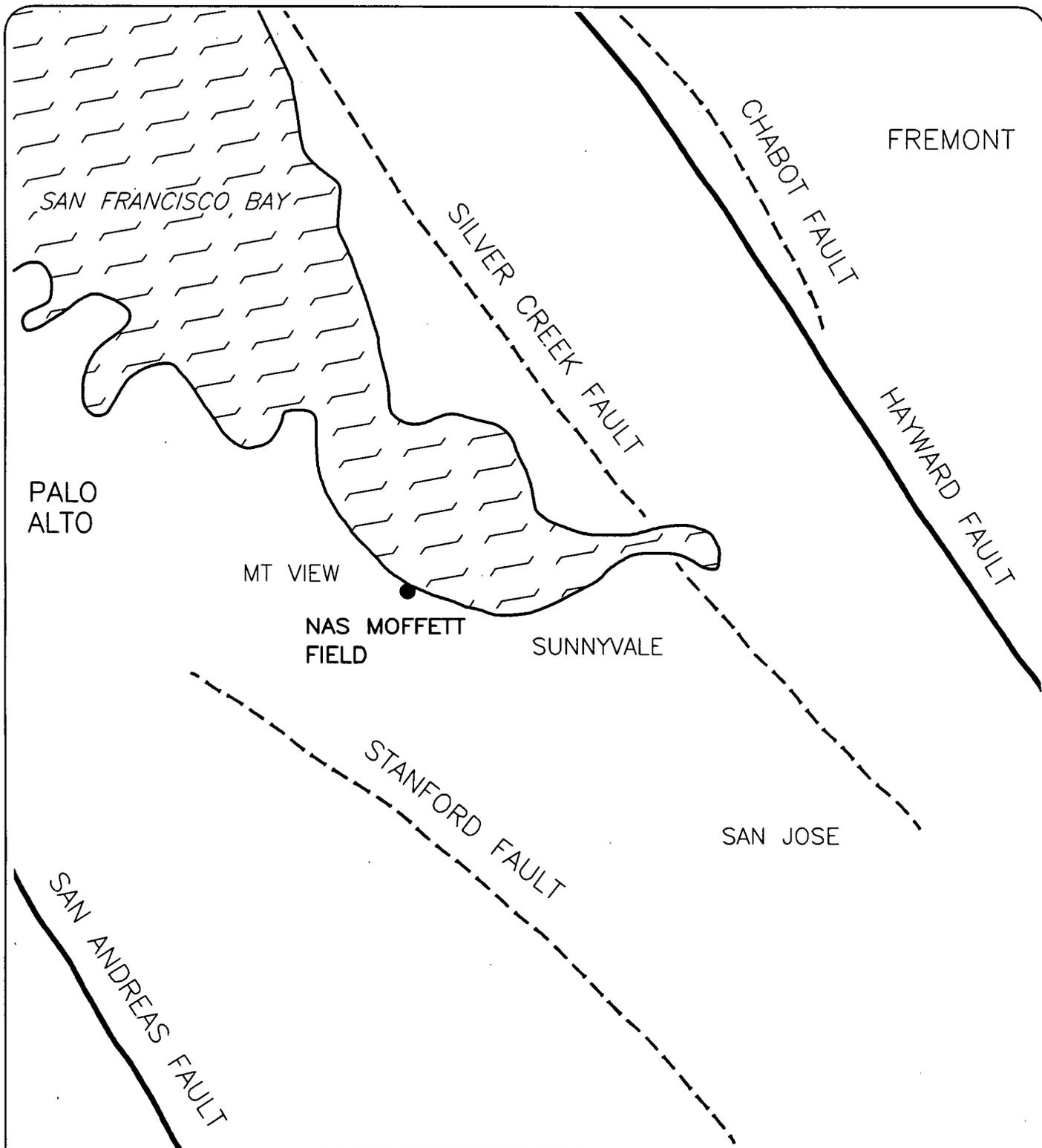
The young alluvium has been separated into four discrete units and mapped by Dibblee (Dibblee 1966). Only three of the four units have been mapped on the site: coarse-grained alluvium (Qhac), medium-grained alluvium (Qham), and fine-grained alluvium (Qhaf). Both the coarse- and medium-grained alluvium represent deposition at the distal end of alluvial fans. These deposits are interfingered with fine-grained sediments deposited by San Francisco Bay. Vertical transmission of ground water and associated contaminants is augmented by increasing vertical continuity among the interspersed sands. The entire sequence is covered by about five feet of bay mud or artificial fill.

### 2.2.3 SEISMICITY

No active or potentially active fault trace is located on or immediately adjacent to NAS Moffett Field. Therefore, the potential for surface rupture at the site is considered very remote. However, NAS Moffett Field is located near several active faults and is built on alluvial deposits and bay muds that are particularly prone to liquefaction. The station is located in what is termed by the USGS as "Seismic Zone 4," an area with the highest incidence of earthquakes (NASA Ames Research Center 1992). NAS Moffett Field is 7.5 miles southwest of the Hayward Fault, 9.3 miles northeast of the San Andreas Fault, and 14.3 miles southwest of the Calaveras Fault. Smaller, less active faults nearby could increase regional seismicity. The Silver Creek Fault is mapped on the basis of creek offsets, sag ponds, and small earthquake epicenters. This fault must be considered potentially active but does not require special construction provisions. The Stanford Fault west-northwest of the site should likewise be considered potentially active but without special construction provisions. Local faults are shown on Figure 2-7.

Since NAS Moffett Field is near major centers of seismic activity, peak ground accelerations are expected to range between 0.4g and 0.5g (U.S. Navy (WESTDIV) 1988a). Peak ground acceleration is a measure of the total energy that nearby rocks and soils experience in response to a Maximum Credible Earthquake (MCE). This quantity is measured in fractions of the acceleration of gravity (g) and serves to indicate the relative degree of seismic shaking. Peak accelerations of 0.5g correspond to violent to very violent seismic shaking. Although violent ground shaking can induce liquefaction and ground failure, such events are not expected at the station because NAS Moffett Field appears to be underlain by a fairly extensive, competent unit of silty clay and clay. If sand stringers were present within the clay, liquefaction could locally occur.

A tsunami is a tidal wave caused by vertical disruption on the ocean floor. This disruption could be in the form of an earthquake or volcano. Tsunamis are not expected to be generated by any activity on California's many strike-slip faults. However, tsunamis can be generated by seismic activity along the Alaskan or Chilean coasts. Within San



**LEGEND**

———— Active Holocene fault

- - - - - Inferred Active Fault

**SCHEMATIC SHOWING LOCAL FAULT ZONES**  
 Source: From Jennings and Burnett, 1961

**Figure 2-7**                      **Local Fault Zones**  
**NavAir Manor**                      

Francisco Bay, a potential tsunami can range in height from 8.2 feet at the Golden Gate to 3.3 feet at NAS Moffett Field. Site levees should easily handle a runup of this magnitude. Seiches, which are seismically generated standing waves within an enclosed body of water, are not a concern because the on-site pools and lakes are shallow.

## 2.3 SOILS

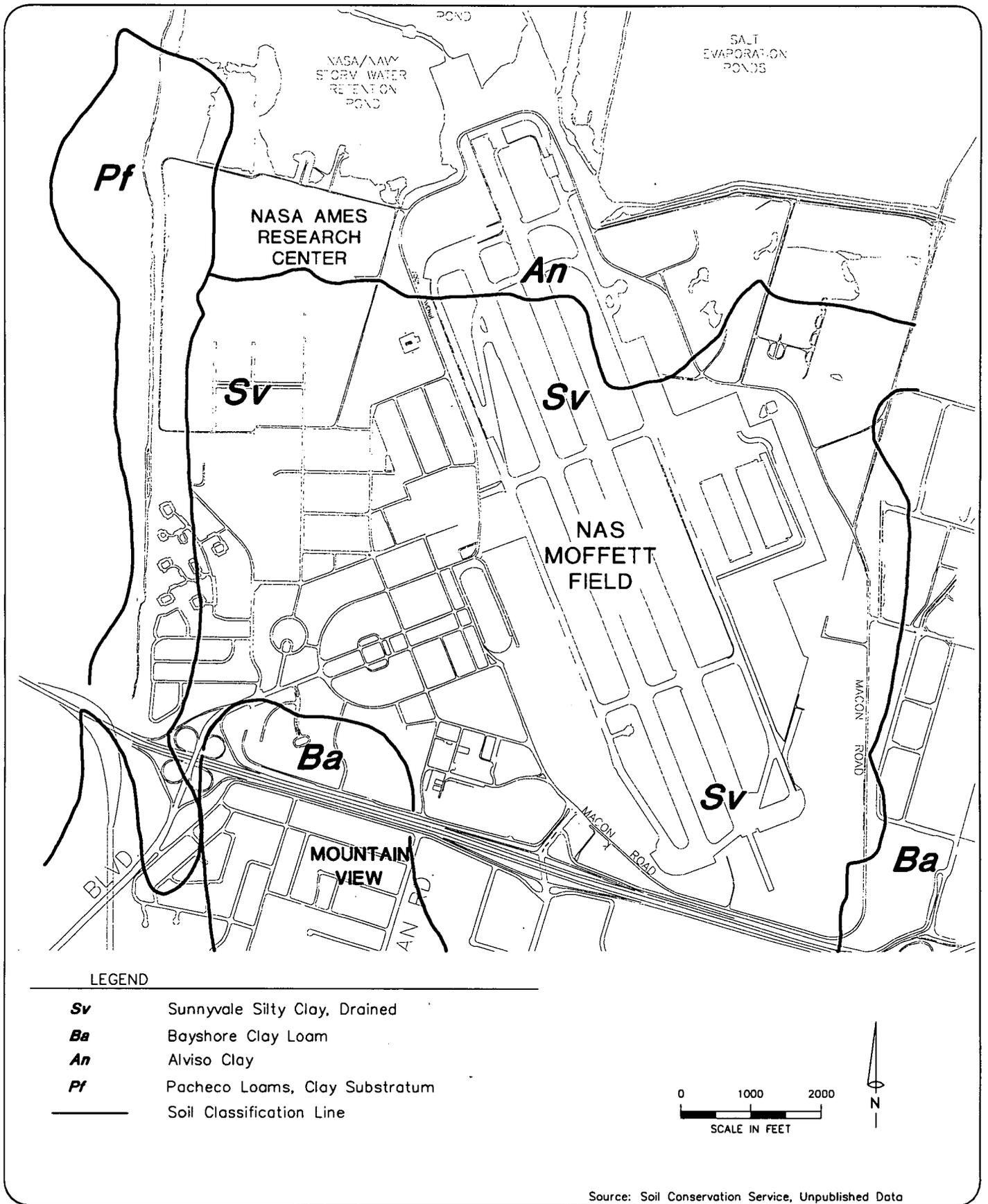
NAS Moffett Field surface soils are derived from alluvial deposits on gently sloping flood plains. The predominant soil series is the Sunnyvale series. The two other minor soil types found at NAS Moffett Field are Alviso silty clay loam and Bayshore gravelly clay loam. Distribution of soil types is shown in Figure 2-8, and the properties of these soils are summarized in Table 2-1.

**TABLE 2-1  
SOILS  
NAS MOFFETT FIELD**

Map Symbol	Soil Name	Effective Depth (inches)	Soil Description		Erosion Potential	Limiting Factors
			Soil	Subsoil		
Sv	Sunnyvale silty clay, drained	60	Dark gray silty clay	Gray or white silty clay or silty clay loam	Very low	Ponding, high shrink-swell, low strength, corrosivity
An	Alviso clay	12-36	Gray or dark gray clay, silty clay, or silty clay loam	Gray or light gray mottled silty clay	Very low	Ponding, subject to flooding, saline
Ba	Bayshore clay loam	60	Gray or dark gray clay loam or silty clay loam	Light gray or gray clay loam	Very low	None
Pf	Pacheco loams	60	Dark gray silty clay loam	Light gray or gray clay loam	Very low	Ponding, high shrink-swell, low strength, corrosivity

Source: Soil Conservation Service; unpublished data.

Within the Sunnyvale series, the Soil Conservation Service (unpublished survey) has identified four types of soil units at NAS Moffett Field: Sunnyvale clay; Sunnyvale clay, drained; Sunnyvale clay, saline; and Sunnyvale clay, overwash, drained. These soils are



Source: Soil Conservation Service, Unpublished Data

Figure 2-8

# Soils Classification NAS Moffett Field



moderately well-drained with varying water table depths. The main engineering limitations of these soils are the high shrink-swell potential, high ponding capacity, low shear strength, high corrosivity potential, and high water table. These properties are largely attributable to their high clay content and their saturation within a few feet of the surface. The soils' plasticity enables heavy loads to compress it, thus causing protective levees to settle. The soils' high clay content also produces high shrinkage potential, which promotes breakage in underground pipes and the deformation or shifting of road beds and building foundations. Its low permeability also tends to lead to corrosion of steel pipes (NASA Ames Research Center Facilities Planning 1992). Alviso soils are found on tidal flats near sea level. Slopes range from zero to two percent. Soil drainage is very poor and soil permeability is moderate to very low. Bayshore soils occur in basins at elevations of 30 to 100 feet. Slopes range from zero to two percent. The natural drainage of this soil is poor and soil permeability is moderate.

## 2.4 SURFACE WATER AND DRAINAGE

There are three major bodies of surface water near NAS Moffett Field, San Francisco Bay, Stevens Creek, and the Cargill Evaporation Ponds (Figure 2-9). Guadalupe Slough and Alviso Slough are also within three miles of NAS Moffett Field. Onsite surface water includes several freshwater ponds and water hazards on the NAS Moffett Field Golf Course in the northwestern corner of the base, a waste water settlement pond north of Hangar 3, and several acres of marshland north of the runway area.

High tides within South San Francisco Bay rise to an approximate maximum height of five feet above mean sea level (msl). Mezo tide level at the Guadalupe Slough is 6.5 feet above mean sea level with a diurnal range of 8.5 feet (NOAA, personal communication 1994). A series of Santa Clara Valley Water District flood control levees along Stevens Creek and the Cargill Evaporation Ponds provide marginal protection from tidal inundation. However, the Federal Emergency Management Agency (FEMA) projects that the eastern portion of NAS Moffett Field will be inundated by 100-year tidal flooding (see Figure 2-10). The 100-year flood is projected to reach 7.5 feet above msl and a significant portion of NAS Moffett Field would be affected.

Stevens Creek flows northward from the foothills of the Santa Cruz Mountains and along the western edge of NAS Moffett Field before discharging into San Francisco Bay. Stevens Creek is an ephemeral stream that is dry during some years. The estimated flow during the 10-year return period storm is 4,900 cubic feet per second (ft<sup>3</sup>/sec). The peak discharge during 100-year flood conditions is 7,300 ft<sup>3</sup>/sec.

The Cargill Evaporation Ponds cover several square miles at the southern end of San Francisco Bay. They are filled with salt water once each year to a depth of approximately four feet and then left to evaporate during the dry season. The ponds are enclosed by levees and do not experience changes in water level resulting from tidal fluctuations or local stream runoff. Evaporation pond water levels may however be affected by upward flow of ground water from shallow aquifer zones.

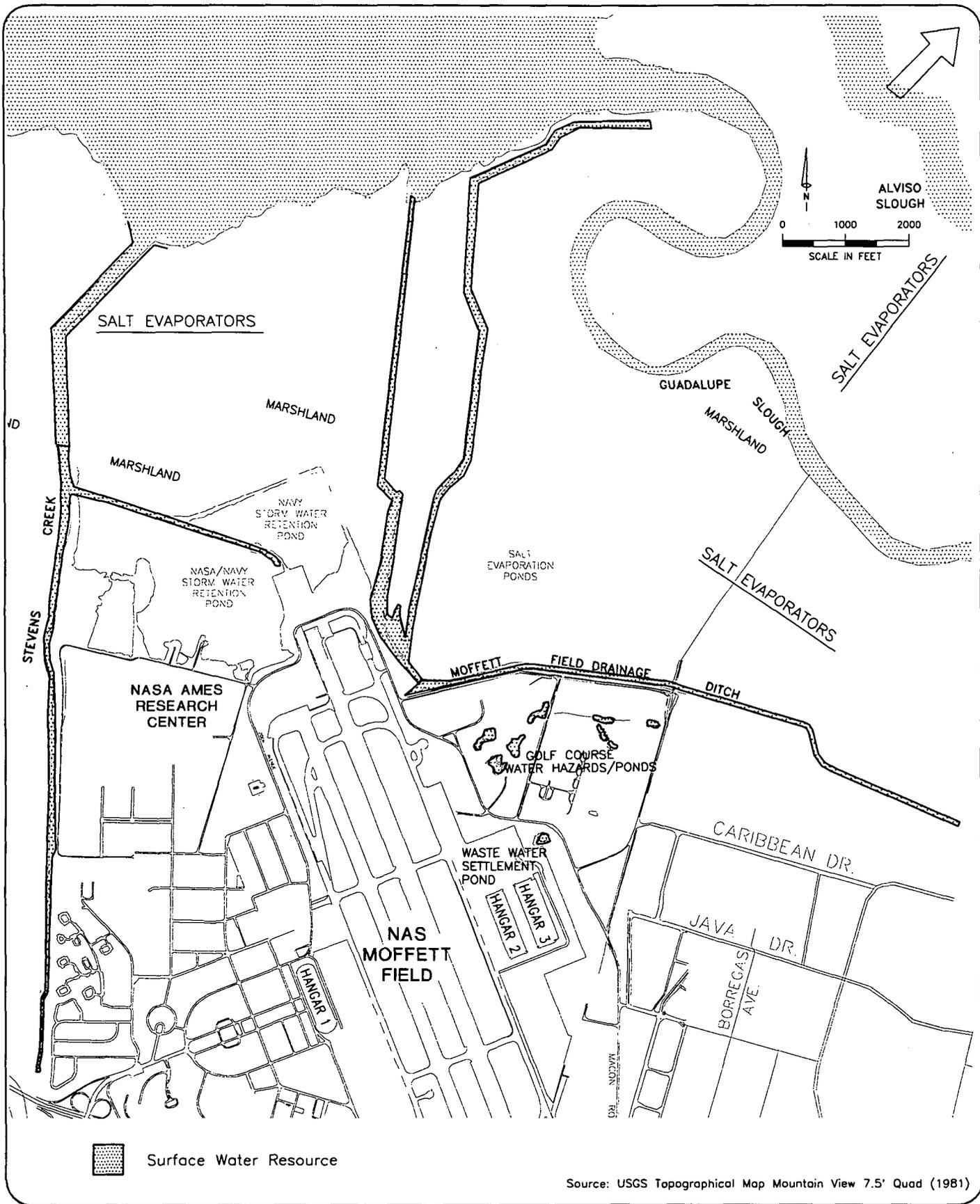


Figure 2-9

Surface Water Resources  
NAS Moffett Field



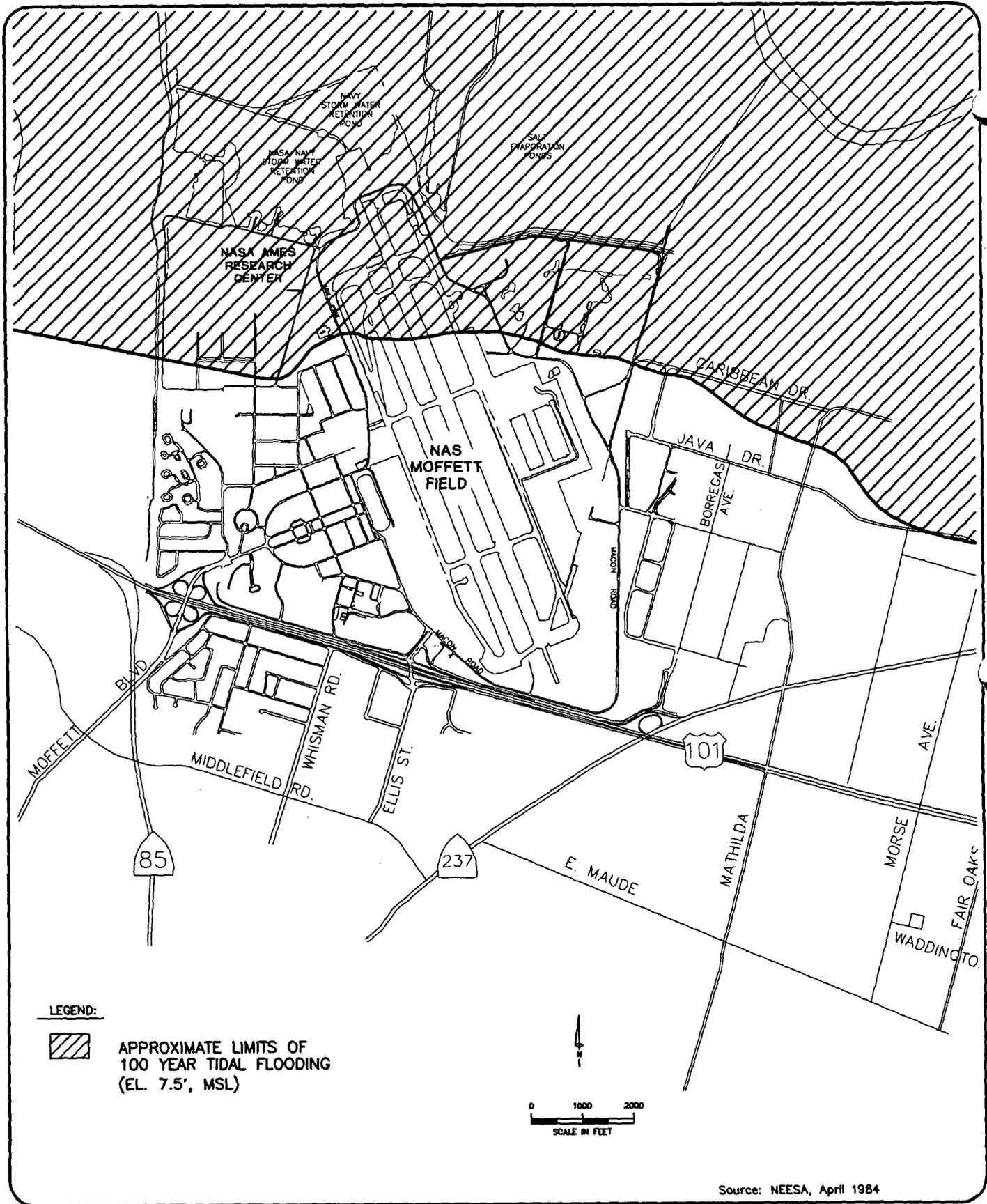


Figure 2-10

Flood Zone Map  
NAS Moffett Field



## 2.5 GROUND WATER RESOURCES

The ground water resources at NAS Moffett Field have been divided into the A, B, and C aquifers in previous investigations. The A and B aquifers have been further divided into the A1/A2, B2/B3 aquifer zones respectively, based on the permeability within and between the aquifers.

The two uppermost water-bearing zones are the A1 and A2 zones. These zones are considered by the California Regional Water Quality Control Board as a potential source of drinking water (PRC 1993f). The A1 zone occurs at depths between five and 30 feet below surface level (bsl) and is semi-confined from upward movement by a generally impermeable layer of clay at the surface. The A2 aquifer zone occurs at depths between 30 to 70 feet bsl. A confining bed consisting of two to ten feet of silty clay separates the A1 and A2 zones. Naturally occurring "windows" or gaps in the confining layer allow for vertical water movement between the two A zones. An aquitard separates the A and B aquifers, restricting water movement upward from B to A. The B2 aquifer zone occurs at depths between 60 and 105 feet bsl and the B3 zone occurs at depths between 110 and 125 feet bsl. The confining layer separating the B zones has naturally occurring "windows" much like the A aquifer that allow for vertical water movement within the B aquifer (PRC Environmental 1991g). High salinity, brackish water intrusion, and contamination by hazardous materials in the shallow A and B aquifers renders water extracted from these aquifers impotable (Tetra Tech 1990). The aquitard between the B and C aquifers is composed of 20 to 100 feet of blue and yellow clay and is the division between the upper and lower region aquifer system. The C aquifer, defined as all water-bearing zones beneath the B/C aquitard, supplies some water for residential, industrial, and agricultural uses in the surrounding community (PRC Environmental 1991g).

A total of 291 ground water monitoring wells have been emplaced on the Navy's property to track ground water flow, elevation, quality, and contamination. Location of wells installed by the Navy are shown on Figures 2-11 a through d. Figures 2-11a and 2-11b do not show Navy wells on the eastern side of the base). Many additional wells have been installed on NAS Moffett Field property by NASA and MEW companies. Adjacent landowners have installed approximately 60 ground water wells (Boeing Aerospace Operations, Inc. 1993d). Ground water flows horizontally (parallel to surface) to the north beneath NAS Moffett Field and San Francisco Bay. The reported velocities of the flow vary from  $1.1 \times 10^{-2}$  ft/day in fine-grained materials to 1.2 ft/day in coarse-grained channel sediments (PRC 1993f). Ground water elevation fluctuates seasonally between spring and fall resulting in .02 to 1.5 feet of variation in recorded levels (Tetra Tech 1990). Ground water salinity in the A and B aquifers occurs along the northern boundary of the base as a result of lateral saltwater intrusion from the bay, and saline connate water within the pores of the shallow aquifers (Tetra Tech 1990). The TDS content of most of the ground water at NAS Moffett Field is approximately 500 to 2,000 milligrams per liter (mg/L). TDS concentrations greater than 10,000 mg/L have been measured in samples collected from wells close to the northern facility boundary (PRC 1993f). Tidal effects from the bay on ground water are limited due to the levees and tidegates that are in place at NAS Moffett Field; the tide rises up the levee sides rather than moving inland onto the station. Contamination of ground water is primarily restricted to the shallow A and B aquifers due to the thick B/C aquitard that protects the C aquifer. Fuel-related contaminants and chlorinated volatile organic compounds are two major groups of

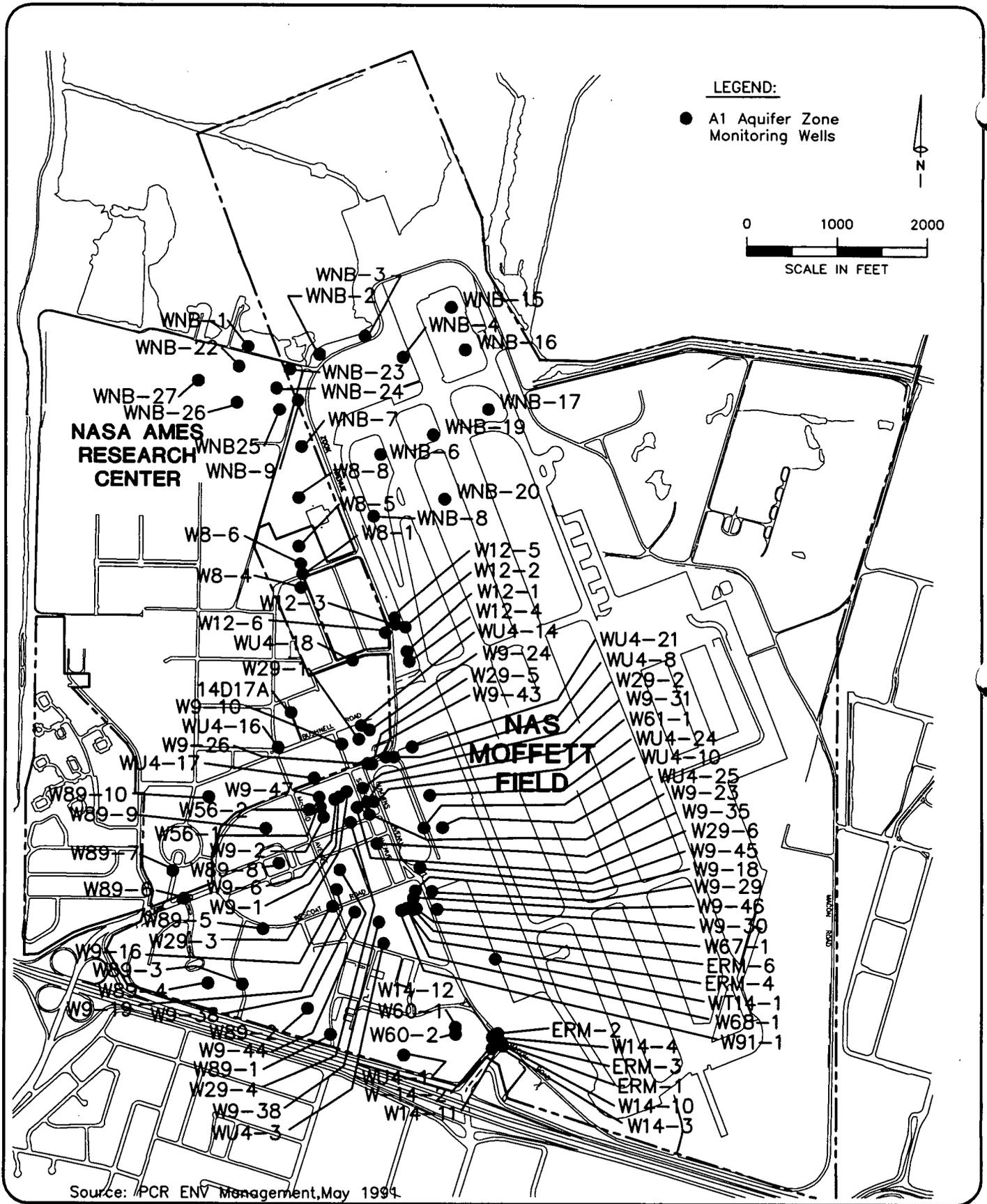
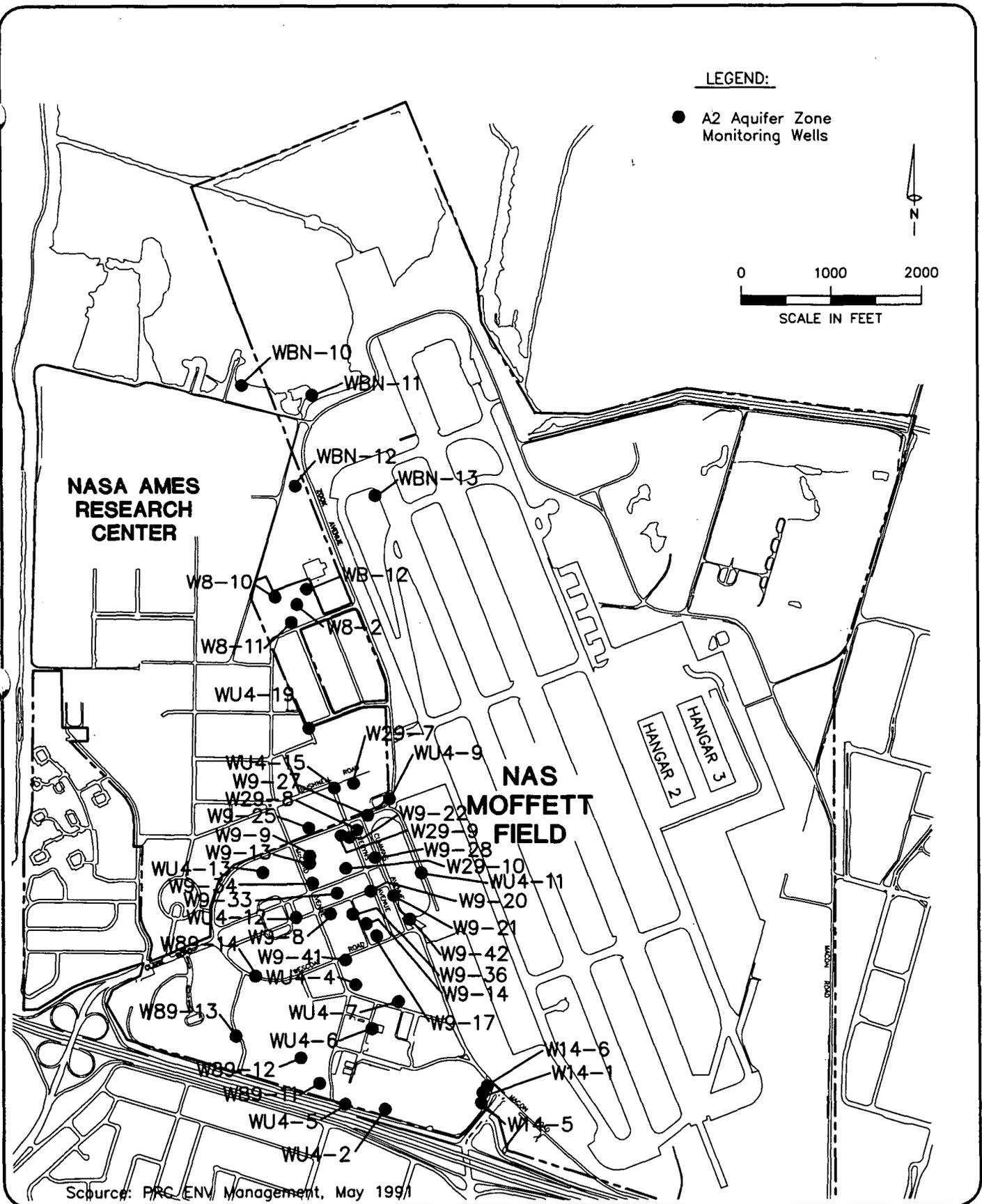


Figure 2-11a

Navy Ground Water Monitoring Well Locations, Aquifer Zone A1  
NAS Moffett Field

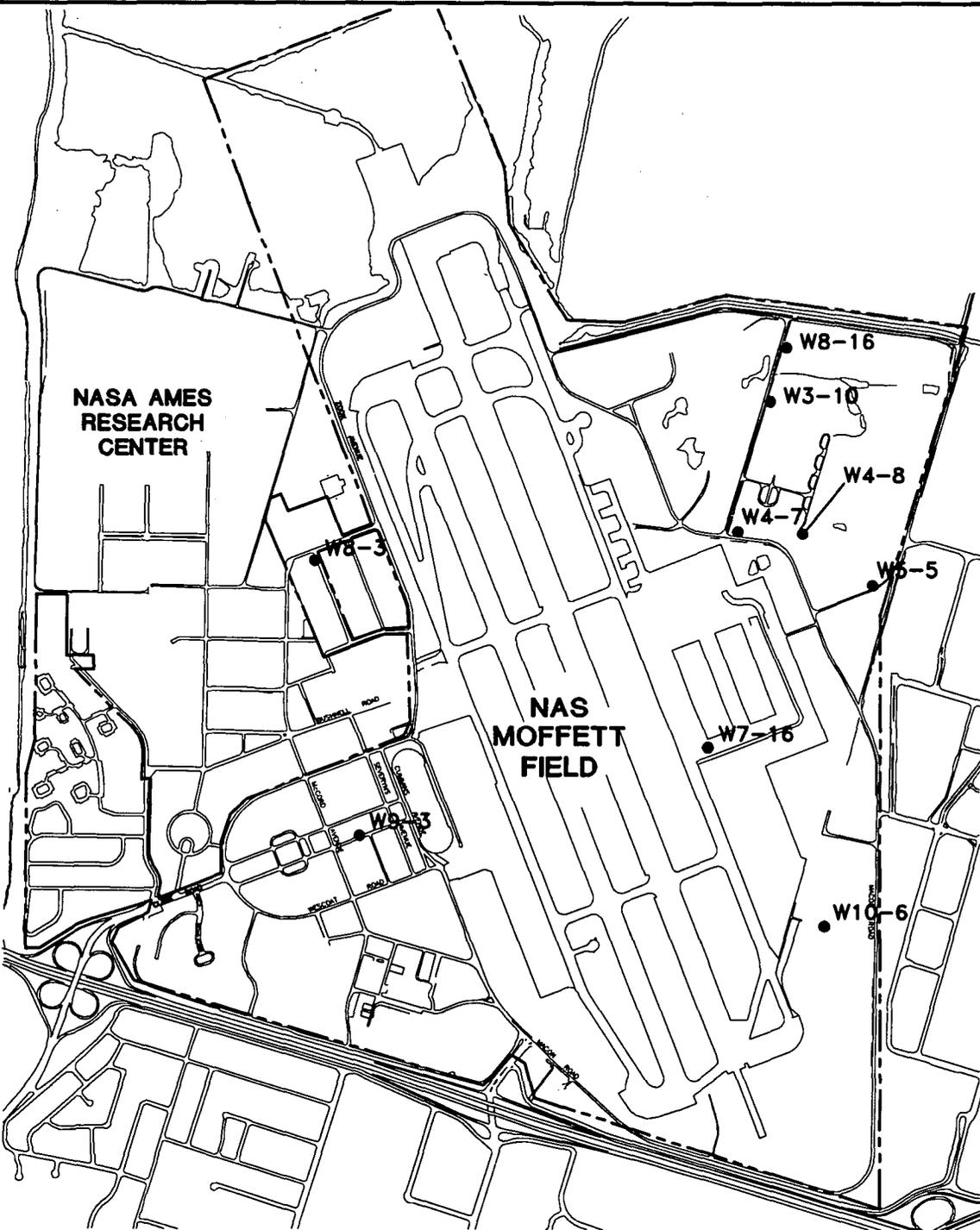




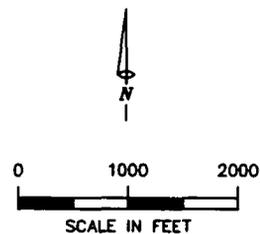
**Figure 2-11b** Navy Ground Water Monitoring Well Locations, Aquifer Zone A2 NAS Moffett Field







**LEGEND:**  
 ● Aquifer Zone Monitoring Wells



Source: NAS Moffett Field, August 1992, Final Quarterly report

**Figure 2-11d** Navy Ground Water Monitoring Well Locations, Aquifer Zone C NAS Moffett Field



contaminants present at NAS Moffett Field ground water (PRC Environmental 1991g). Ground water contamination is discussed further in Section 2.14.1.

Surface infiltration, lateral inflow from the south (Santa Cruz Mountains), and vertical leakage between aquifers contribute to the recharge of the aquifers beneath NAS Moffett Field. Much of the station is paved or covered by buildings and runoff is generally carried offsite by storm sewers. Ground water discharge from the shallow aquifers (A1, A2, and possibly B2) include upward flow into marshes and salt evaporation ponds north of NAS Moffett Field, evapotranspiration, vertical leakage between aquifers, and discharge from extraction wells (PRC Environmental 1991g).

As part of the RWQCB Order 87-125, the Navy completed a search for any existing, abandoned, or suspected wells that could provide a conduit for existing contamination to enter currently clean aquifers or serve as an additional point source. The Navy identified 32 suspected wells on NAS Moffett Field property, four of which are active. These wells were investigated in 1988 to determine if they could act as conduits between different aquifer zones. The four wells investigated were not located in or near known plumes and the condition of the well casings did not appear to be acting as conduits for water to pass between upper and lower aquifers (Kennedy/Jenks/Chilton 1988). The Navy is currently investigating the remaining 28 abandoned or closed wells. There is also the potential for storm drains and sanitary sewers to transport existing contamination to other aquifers. The Navy had conducted studies addressing this issue in 1978, 1980, 1989 and 1991. A sixth study is ongoing to address this concern (PRC 1993f).

## **2.6 CLIMATOLOGY AND AIR QUALITY**

### **2.6.1 Climatology**

NAS Moffett Field is located at the southern end of San Francisco Bay. Winds are predominately north-northwesterly and average 5.1 miles per hour annually. As summarized in Table 2-2, predominant wind direction does not vary greatly from season to season. Seasonal wind speed averages range from 4.2 miles per hour in the fall to 6.0 miles per hour in the summer.

Average temperatures reach a low of 38.5° F in January and a high of 77.9° F in summer months. As recorded in Palo Alto, annual rainfall levels average almost 15 inches with 90 percent of annual precipitation occurring from November through April.

### **2.6.2 Air Quality**

The air pollution control agency for NAS Moffett Field is the Bay Area Air Quality Management District (BAAQMD), which has the responsibility of achieving and maintaining the state and federal air quality standards for the San Francisco Bay Area Air Basin.

The BAAQMD has implemented a monitoring system throughout the air basin for five criteria pollutants: carbon monoxide (CO), nitrogen dioxide (NO<sub>2</sub>), sulfur dioxide (SO<sub>2</sub>), ozone (O<sub>3</sub>), and inhalable particulates (PM<sub>10</sub>). Each pollutant is regulated under the Clean

**TABLE 2-2  
WIND DIRECTION MEASURED AT NAS MOFFETT FIELD  
(PERCENT OCCURRENCE)**

DIRECTION	WINTER	SPRING	SUMMER	FALL	ANNUAL
N	9.1	13.0	21.1	12.6	14.0
NNE	2.8	3.5	5.7	2.5	3.6
NE	1.4	1.3	2.2	0.9	1.5
ENE	0.6	0.7	1.2	0.6	0.8
E	1.4	1.2	1.5	1.2	1.3
ESE	2.4	1.8	1.3	1.9	1.9
SE	7.3	4.6	2.5	4.4	4.7
SSE	7.3	5.0	2.6	4.6	4.8
S	5.2	4.5	2.1	4.0	3.9
SSW	1.3	1.3	0.4	0.9	1.0
SW	1.5	1.2	0.4	0.8	1.0
WSW	1.6	1.8	0.7	0.9	1.2
W	6.9	8.8	4.0	4.6	6.1
WNW	5.8	8.2	4.5	5.3	5.9
NW	5.5	7.6	6.7	6.4	6.5
NNW	8.6	15.1	23.8	14.9	15.7
CALM	31.2	20.3	19.3	33.4	26.1

Source: Draft EIS: Candidate Base Closures/Realignment, San Francisco Bay Area, 1990.

Air Act (national concentration standards) and the Mulford-Carrell Act (California concentration standards). When a region within the air basin has concentrations of these pollutants in excess of California air standards it is considered a non-attainment region for that pollutant.

The air quality in the area of NAS Moffett Field is recorded at several monitoring stations. Stations in Mountain View, Redwood City, and San Jose monitor CO, NO<sub>2</sub>, O<sub>3</sub>, and PM<sub>10</sub>, while the San Francisco station is the closest station to NAS Moffett Field on the west side of San Francisco Bay that monitors sulfur dioxide. Data gathered at these stations from 1987 through 1991 are summarized in Table 2-3. It shows at least one exceedence each for PM<sub>10</sub> and O<sub>3</sub> in the vicinity of the station for the past five years of record.

In addition to the five BAAQMD criteria pollutants, a column for total suspended particulates (TSP) is included in Table 2-3. The federal and state ambient air quality standards are also included in the table for direct comparison with pollutant levels. Any exceedences of federal or state standards for the criteria pollutants and TSP need to be examined in proximity to NAS Moffett Field.

Sources of BAAQMD criteria pollutants on the station, as well as toxic pollutant compounds are described in Section 2.14.9, Air Emissions Sources.

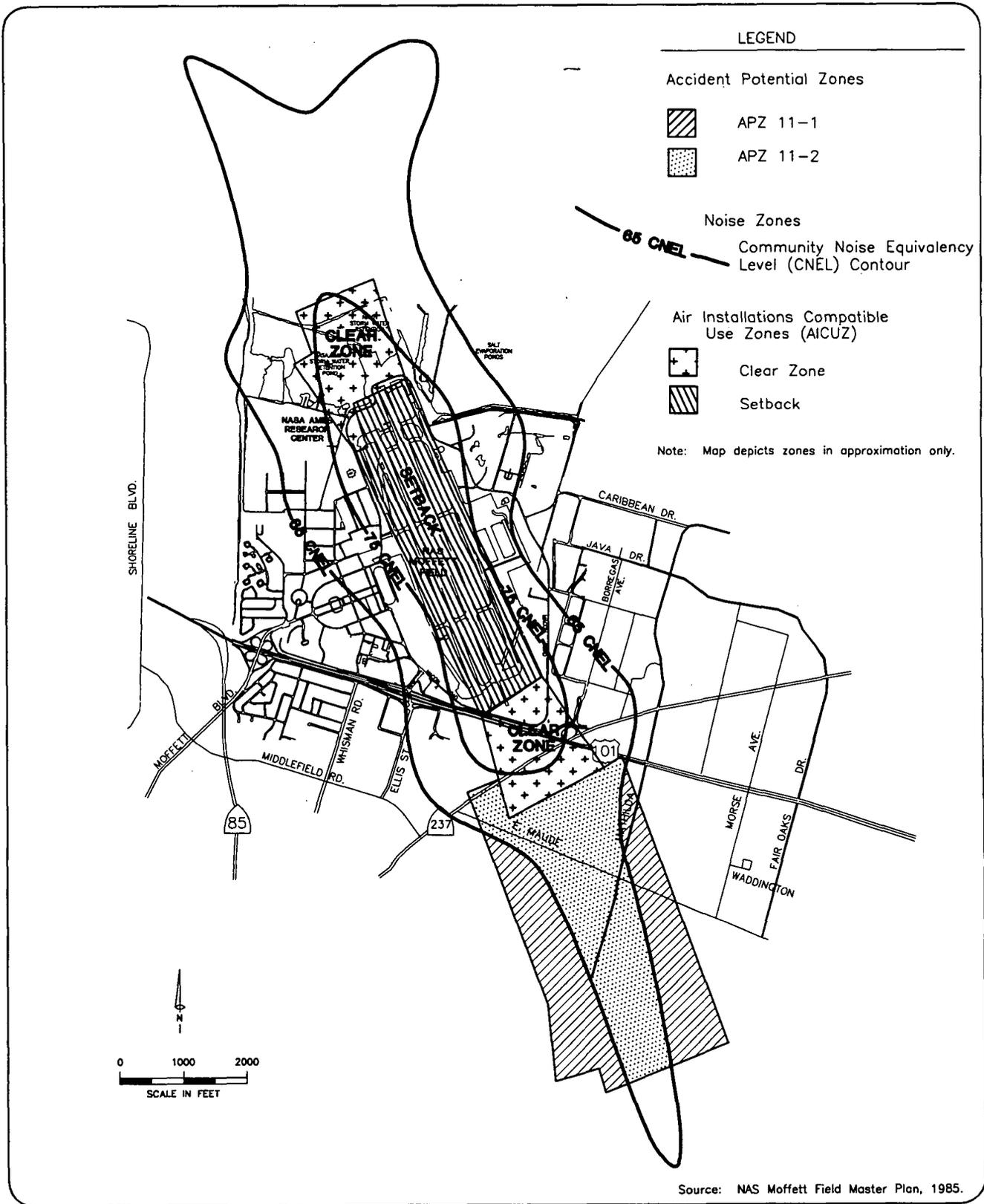
## 2.7 NOISE

Because of prevailing winds in the Santa Clara Valley, 92 percent of the aircraft takeoffs and landings occur to the northwest, on Runways 32L and 32R. Takeoffs in this direction fly over San Francisco Bay, where there is little noise impact. Consequently, most of the noise-impacted areas are those portions of the cities of Sunnyvale and Mountain View that are directly underneath the approach path to Runways 32L and 32R. In addition to aircraft flight operations, aircraft ground run-up operations are conducted on-base (U.S. Navy 1985).

Other noise sources that contribute to total community noise levels include wind tunnel operations at the NASA ARC facility and roadway traffic on the Bayshore Freeway, Alviso Highway, and Central Expressway.

Community Noise Equivalency Levels (CNEL) contours for NAS Moffett Field are shown in Figure 2-12. The noise contours indicate that the primary intrusion of noise into neighboring communities occurs along the approach path to Runway 32. The 60, 65, and 70 CNEL contours extend into the community under the landing path. Those areas off-base but inside the 70 CNEL contour are primarily composed of industrial and commercial structures. Those portions of the community contained within the 60 and 65 CNEL contour are primarily residential. Turbo jet and turbo fan C-type aircraft noise was the dominant contribution to CNELs. With the gradual reduction in activity at NAS Moffett Field and the resulting diminution in flights, the historic noise levels indicated by Figure 2-12 have also been reduced.

Civilian land uses within NAS Moffett Field Air Installations Compatible Use Zones are primarily governed by Santa Clara County and the cities of Mountain View and Sunnyvale, under a set of guidelines developed by the Airport Land Use Commission. The county's



**Figure 2-12**

**Safety Zones and  
Noise Contours  
NAS Moffett Field**



TABLE 2-3  
EXISTING AIR QUALITY DATA SUMMARY

Pollutant Averaging Time	Standards		Maximum Concentrations and Number of Exceedances at Monitoring Stations Near NAS Moffett Field					
	Federal	California	1987	1988	1989	1990	1991	1992
Ozone(ppm)								
1-hour	0.12 ppm	0.09 ppm	.14(44) <sup>a</sup> .12(5) <sup>b</sup> .15(69) <sup>c</sup> .14(59) <sup>d</sup>	.12(28) <sup>a</sup> .10(3) <sup>b</sup> .12(36) <sup>c</sup> .12(30) <sup>d</sup>	.11(9) <sup>a</sup> .10(1) <sup>b</sup> .12(22) <sup>c</sup> .13(22) <sup>d</sup> .11(3) <sup>e</sup>	.10(1) <sup>a</sup> .08(0) <sup>b</sup> .11(3) <sup>c</sup> .12(7) <sup>d</sup> .13(10) <sup>e</sup>	.12(4) <sup>a</sup> .08(0) <sup>b</sup> n/a <sup>c</sup> .10(7) <sup>d</sup> .08(0) <sup>e</sup>	.11(4) <sup>a</sup> .09(0) <sup>b</sup> .13(4) <sup>c</sup> .12(4) <sup>d</sup> .11(2) <sup>e</sup>
Carbon Monoxide(ppm)								
8-hour	9 ppm	9 ppm	5.5(0) <sup>b</sup> 7.4(0) <sup>d</sup>	5.4(0) <sup>b</sup> 10.3(3) <sup>d</sup>	5.3(0) <sup>b</sup> 12.0(6) <sup>d</sup>	5.9(0) <sup>b</sup> 11.3(5) <sup>d</sup> 8.6(0) <sup>e</sup>	6.5(0) <sup>b</sup> 10.8(4) <sup>d</sup> 8.0(0) <sup>e</sup>	4.8(0) <sup>b</sup> 7.3(0) <sup>d</sup> 7.6(0) <sup>e</sup>
1-hour	35 ppm	20 ppm	13.0(0) <sup>b</sup> 12.0(0) <sup>d</sup>	13.0(0) <sup>b</sup> 15.0(0) <sup>d</sup>	13.0(0) <sup>b</sup> 18.0(0) <sup>d</sup>	12.0(0) <sup>b</sup> 17.0(0) <sup>d</sup> 12.0(0) <sup>e</sup>	11.0(0) <sup>b</sup> 15.0(0) <sup>d</sup> 13.0(0) <sup>e</sup>	12.0(0) <sup>b</sup> 10.0(0) <sup>d</sup> 11.0(0) <sup>e</sup>
Nitrogen Dioxide (ppm)								
Annual	.053 ppm	n/a	.022 <sup>b</sup> .031 <sup>d</sup>	.024 <sup>b</sup> .032 <sup>d</sup>	.024 <sup>b</sup> .032 <sup>d</sup> .034 <sup>e</sup>	.022 <sup>b</sup> .030 <sup>d</sup> .027 <sup>e</sup>	.021 <sup>b</sup> .029 <sup>d</sup> .026 <sup>e</sup>	.021 <sup>b</sup> .027 <sup>d</sup> .025 <sup>e</sup>
1-hour	n/a	0.25 ppm	.12(0) <sup>b</sup> .17(0) <sup>d</sup>	.13(0) <sup>b</sup> .16(0) <sup>d</sup>	.12(0) <sup>b</sup> .15(0) <sup>d</sup> .14(0) <sup>e</sup>	.12(0) <sup>b</sup> .15(0) <sup>d</sup> .14(0) <sup>e</sup>	.12(0) <sup>b</sup> .13(0) <sup>d</sup> .14(0) <sup>e</sup>	.10(0) <sup>b</sup> .10(0) <sup>d</sup> .10(0) <sup>e</sup>

TABLE 2-3 (Continued)  
EXISTING AIR QUALITY DATA SUMMARY

Pollutant Averaging Time	Standards		Maximum Concentrations and Number of Exceedances at Monitoring Stations Near NAS Moffett Field					
	Federal	California	1987	1988	1989	1990	1991	1992
Sulfur Dioxide (ppm)								
Annual	0.03 ppm	n/a	.001 <sup>f</sup>	.001 <sup>f</sup>	.003 <sup>f</sup>	.001 <sup>f</sup>	.002 <sup>f</sup>	.002 <sup>f</sup>
1-hour	n/a	.25 ppm	.03(0) <sup>f</sup>	.03(0) <sup>f</sup>	.05(0) <sup>f</sup>	.03(0) <sup>f</sup>	.04(0) <sup>f</sup>	.04(0) <sup>f</sup>
24-hour	0.14 ppm	.05 ppm .04 ppm*	.01(0) <sup>f</sup>	.013(0) <sup>f</sup>	.017(0) <sup>f</sup>	.012(0) <sup>f</sup>	.016(0) <sup>f</sup>	.013(0) <sup>f</sup>
Total Suspended ( $\mu\text{g}/\text{m}^3$ ) Particulates								
Annual	75 $\mu\text{g}/\text{m}^3$ **	n/a	51.6(0) <sup>b</sup> 83.2(-) <sup>d</sup>	49.6(0) <sup>b</sup> 76.4(-) <sup>d</sup>	50.6(0) <sup>b</sup> 73.5(0) <sup>d</sup>	45.3(0) <sup>b</sup> 66.3(0) <sup>d</sup>	43.9(0) <sup>b</sup> 55.5(0) <sup>d</sup>	43.9(0) <sup>b</sup> 52.5(0) <sup>e</sup>
24-hour (geometric mean)	260 $\mu\text{g}/\text{m}^3$ **	n/a	110(0) <sup>b</sup> 176(0) <sup>d</sup>	139(0) <sup>b</sup> 174(0) <sup>d</sup>	173(0) <sup>b</sup> 177(0) <sup>d</sup>	171(0) <sup>b</sup> 243(0) <sup>d</sup>	111(0) <sup>b</sup> 145(0) <sup>d</sup>	107(0) <sup>b</sup> 139(0) <sup>e</sup>
PM <sub>10</sub> ( $\mu\text{g}/\text{m}^3$ )								
Annual	50 $\mu\text{g}/\text{m}^3$ **	30 $\mu\text{g}/\text{m}^3$ **	25.4(0) <sup>b</sup> 39.2(-) <sup>d</sup>	19.7 <sup>b</sup> (0) 35.9 <sup>d</sup> (-)	29.1(0) <sup>b</sup> 29.7(0) <sup>d</sup>	23.0(0) <sup>b</sup> 27.1(0) <sup>d</sup>	26.6(0) <sup>b</sup> 27.5(0) <sup>d</sup>	24.9(0) <sup>b</sup> 24.41(0) <sup>d</sup>
24-hour (geometric mean)	150 $\mu\text{g}/\text{m}^3$	50 $\mu\text{g}/\text{m}^3$	84(6) <sup>b</sup> 112(22) <sup>d</sup>	70(2) <sup>b</sup> 73(5) <sup>d</sup>	90(10) <sup>b</sup> 147(19) <sup>d</sup>	137(8) <sup>b</sup> 165(25) <sup>d</sup>	90(12) <sup>b</sup> 153(26) <sup>d</sup>	80(7) <sup>b</sup> 69(5) <sup>d</sup>

Source: California Air Resources Board California Air Quality Data (1987-1992)

Table Notes

<sup>a</sup> Data from Mountain View Monitoring Station

<sup>b</sup> Data from Redwood City Monitoring Station

<sup>c</sup> Data from San Jose-Piedmont Monitoring Station

<sup>d</sup> Data from San Jose 4th Street Monitoring Station

<sup>e</sup> Data from San Jose West San Carlos Monitoring Station

<sup>f</sup> Data from San Francisco Monitoring Station

\*\*National Primary Standard

<sup>#</sup> Annual Arithmetic Mean

\*\*Annual Geometric Mean

\* California Ambient Air Quality 24-Hour Standard for SO<sub>2</sub> revised in October 1991 and put into effect on July 29, 1992

Land Use Compatibility chart for the San Jose Municipal Airport is comparable to NAS Moffett Field AICUZ Noise Zones.

The AICUZ area is roughly defined as the area in which noise or accident potential could affect neighboring residences. The area extends approximately 10,000 feet beyond runway approaches and the end of the runway. On each side of the runway, the AICUZ area extends approximately 11,000 feet (U.S. Navy 1985).

Within the AICUZ area, there are approximately 130 acres of single- and multi-family residential land uses off base (Figure 2-12). In all AICUZ zones, residential land use is not considered compatible. Many of the industrial sites are also considered incompatible uses if they are in Noise Zone 3 or if they are involved primarily in research, electronics, plastics, or chemicals and petroleum refining. Land use in the approach and takeoff clear zones on the extreme north and south of the station is limited to open space which includes agriculture.

## 2.8 BIOLOGICAL RESOURCES

This section is divided into three subsections: Terrestrial Habitats, Aquatic Habitats, and Threatened and Endangered Species. The flora and fauna that are potentially present at the base and described by common names in the text are listed by common and scientific names in Table 2-4. Figure 2-13 depicts the more important biological habitat areas. The following information was obtained primarily from the NAS Moffett Field Master Plan and Natural Resource Management Plan (U.S. Navy 1985; USDA-Soil Conservation Service 1988). The Navy is currently preparing a base-wide ecological assessment; however, the results of this study were not available at the time of this report.

### 2.8.1 *Terrestrial Habitats*

NAS Moffett Field contains three distinct terrestrial habitats: urban, cropland, and wetlands with remnant grasslands. A discussion of the primary characteristics of each habitat follows.

**Urban.** Urban habitat covers most of the base. It encompasses about 1,290 acres and includes buildings, landscaped areas, flight line areas, and the golf course. Vegetation in these areas includes irrigated turf and landscaped trees and shrubs. Freshwater ponds in the golf course provide important habitat and drinking water for wildlife.

**Cropland.** About 115 acres of cropland includes areas with irrigated fields. Vegetation consists of small grain and alfalfa crops and annual weed plants that grow in disturbed areas. This area, shown in Figure 2-2 is concentrated at the southern end of the runway.

**Wetlands.** No wetlands have been officially designated at the station at the present time, though a wetlands delineation is currently being conducted. Wetlands with remnant grassland habitats are potentially the most sensitive and significant natural habitats at the station. About 100 acres of wetland habitat around the north end of the flight line area (within 1,800 feet of the runways) are mostly composed of former tidal areas and include marsh vegetation around the edges on dikes and levees (see Table 2-4 for types of

**TABLE 2-4  
FLORA AND FAUNA FOUND OR POSSIBLY OCCURRING WITHIN  
NAS MOFFETT FIELD BOUNDARIES**

<u>COMMON NAME</u>	<u>SCIENTIFIC NAME</u>
<b>VEGETATION</b>	
alkali heath	<i>Frankenia grandifolia</i>
brass buttons	<i>Cotula coronopifolia</i>
bulrush	<i>Scirpus validus</i>
bur clover	<i>Medicago polymorpha</i>
cattail	<i>Typha latifolia</i>
field bindweed	<i>Convolvulus arvensis</i>
field mustard	<i>Brassica campestris</i>
jaumea	<i>Jaumea carnosa</i>
lana vetch	<i>Vicia dasycarpa</i>
London rocket	<i>Sisymbrium irio</i>
marsh gum plant	<i>Grindelia humilis</i>
mustard	<i>Brassica spp.</i>
Pacific cordgrass	<i>Spartina foliosa</i>
pickleweed	<i>Salicornia pacifica</i>
bird's beak*	<i>Cordylanthus spp.</i>
redstem storksbill	<i>Erodium cicutarium</i>
roundleaf storksbill	<i>Erodium macrophyllum</i>
salt grass	<i>Distichlis spicata</i>
sweet fennel	<i>Foeniculum vulgare</i>
sweet clover	<i>Melilotus spp.</i>
shepard's purse	<i>Capsella bursa-pastoris</i>
shortpod mustard	<i>Brassica geniculata</i>
<b>BIRDS</b>	
American avocet	<i>Recurvirostra americana</i>
American coot	<i>Fulica americana</i>
American widgeon	<i>Mareca americana</i>
belted-kingfisher	<i>Megaceryx alcyon</i>
black-necked stilt	<i>Himantopus mexicanus</i>
black-shouldered kite	<i>Elanus leucurus</i>
Bonaparte's gull	<i>Larus philadelphia</i>
burrowing owl*	<i>Speotyto cunicularia</i>
California black rail*	<i>Laterallus jamaicensis corturniculus</i>
California brown pelican*	<i>Pelecanus occidentalis californicus</i>
California clapper rail*	<i>Rallus longirostris obsoletus</i>
California least tern*	<i>Sterna albifrons browni</i>
Canada goose	<i>Branta canadensis</i>
canvasback	<i>Aythya valisineria</i>
cattle egret	<i>Bubulcus ibis</i>
cinnamon teal	<i>Anas cyanoptera</i>
common bushtit	<i>Psaltriparus minimus</i>
eared grebe	<i>Podiceps caspicus</i>
Forster's tern	<i>Sterna forsteri</i>
gadwall	<i>Anas strepera</i>
great blue heron	<i>Ardea herodias</i>
great egret	<i>Egretta alba</i>

Note: \* indicates threatened or endangered species.

**TABLE 2-4 (Continued)**  
**FLORA AND FAUNA FOUND OR POSSIBLY OCCURRING WITHIN**  
**N.A.S. MOFFETT FIELD BOUNDARIES**

green-winged teal  
 horned lark  
 house finch  
 killdeer  
 least sandpiper  
 lesser scaup  
 mallard  
 mourning dove  
 northern harrier  
 northern shoveler  
 pied-billed grebe  
 pintail  
 red-tailed hawk  
 ring-billed gull  
 ring-necked pheasant  
 ruddy duck  
 savannah sparrow  
 song sparrow  
 snowy egret  
 turkey vulture  
 western grebe  
 western meadowlark  
 white pelican  
 willet

*Anas crecca carolinensis*  
*Eremophila alpestris*  
*Carpodacus mexicanus*  
*Charadrius vociferus*  
*Erolia minutilla*  
*Aythya affinis*  
*Anas platyrhynchos*  
*Zenaida macrowra*  
*Circus cyaneus*  
*Spatula dypeata*  
*Podilymbus podiceps*  
*Anas acuta*  
*Buteo jamaicensis*  
*Larus delawarensis*  
*Phasianus colchicus*  
*Oxyura jamaicensis*  
*Passerculus sandwichensis*  
*Melospiza melodia*  
*Eucophoyx thula*  
*Cathartes aura*  
*Aechmophorus occidentalis*  
*Sterna neglecta*  
*Pelecanus erythrorhynchos*  
*Catoptrophorus semipalmatus*

**TERRESTRIAL MAMMALS**

black-tailed jackrabbit  
 California ground squirrel  
 California vole  
 feral cat  
 gray fox  
 mule deer  
 raccoon  
 red fox  
 salt marsh harvest mouse\*  
 striped skunk  
 valley pocket gopher  
 western gray squirrel

*Lepus californicus*  
*Citellus beecheyi*  
*Microtus californicus*  
*Felis catus*  
*Urocyon anereoargenteus*  
*Odocoileus hemionus*  
*Procyon lotor*  
*Vulpes fulva*  
*Reithrodontomys raviventris*  
*Mephitis*  
*Thomomys bottae*  
*Saiurus griseus*

**REPTILES**

San Francisco garter snake\*

*Thamnophis sirtalis tetrataenia*

Source: USDA Soil Conservation Service 1988

Note: \* indicates threatened or endangered species.

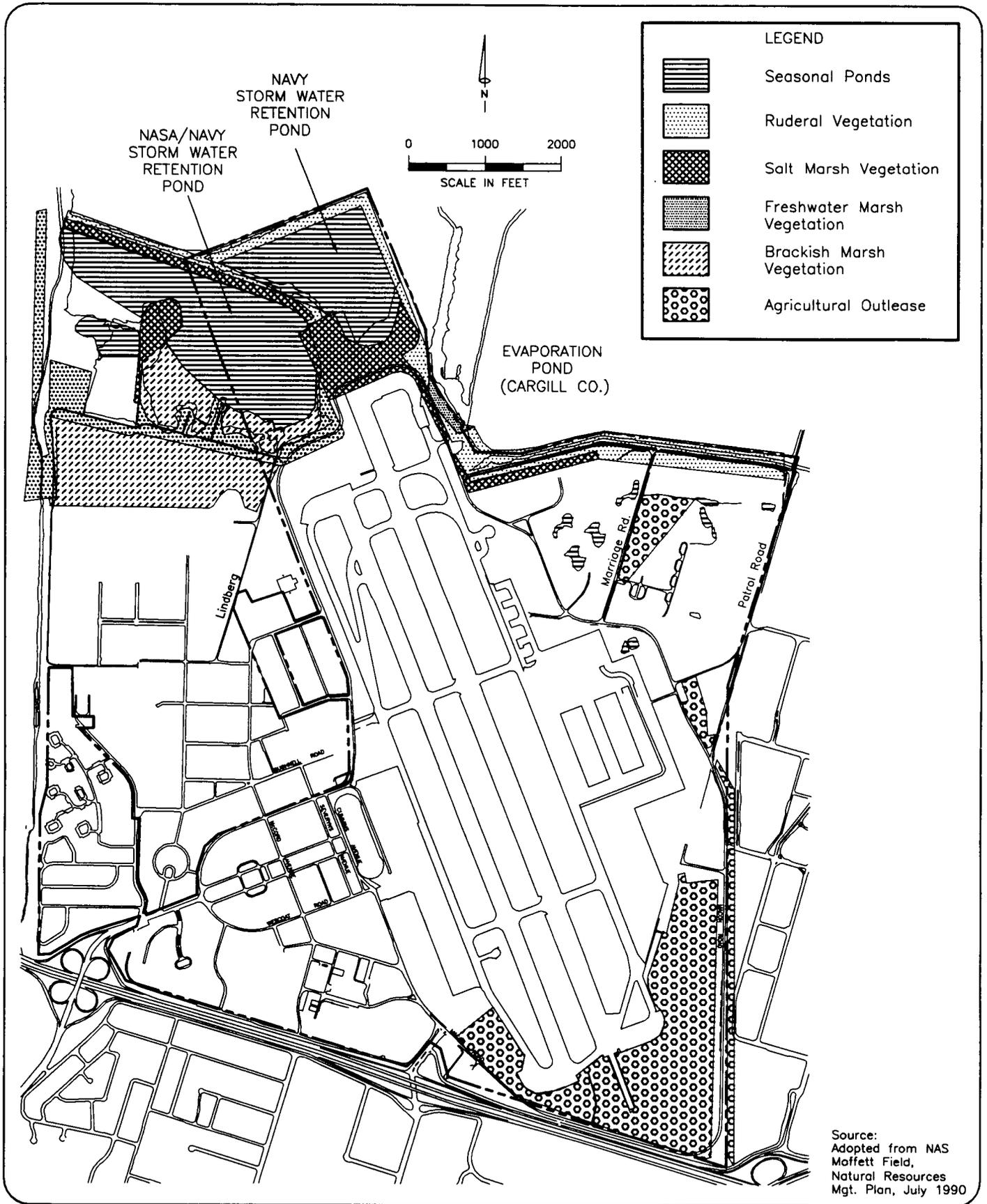


Figure 2-13

General Wildlife  
Habitat Features  
NAS Moffett Field



species anticipated). Wetland areas also include miscellaneous upland areas, such as fillareas around the shooting range. Part of the wetlands habitat includes the salt marshes. These wetlands are contiguous with the broad belt of regional wetlands in the South Bay. Although influenced by the amount of precipitation and runoff, they are not seasonal in nature. Those areas not behind dikes are subject to natural tidal action, and, as such, represent a portion of the valuable remaining natural salt marsh wetlands in San Francisco Bay. Thirty-eight acres were transferred to the U.S. Fish and Wildlife Service for addition to the nearby San Francisco Bay National Wildlife Refuge in 1974.

Tidal salt marshes, tidal brackish marshes, and mudflats historically covered extensive areas in the South Bay (Nichols and Wright 1971). These marshes exhibit a characteristic vertical zonation of plant species. Pacific cordgrass, a highly productive marsh plant, occupies the lowest tidal zones, merging into stands of pickleweed and other halophytes at higher marsh levels. The tidal marshes provide nursery areas for fish and shellfish, as well as nesting and feeding areas for resident birds and mammals (Romberg Tiburon Center for Environmental Studies 1984). Existing tidal marshes and mudflats in the South Bay are remnants of once-extensive wetlands. Remaining marsh habitats often occur along the margins of major sloughs. Consequently, wildlife that inhabit these marshes have been concentrated into limited areas. Evaporation ponds owned by the Cargill Salt Company are adjacent to the station and provide limited wetland habitat.

The levees and debris that border the station have largely eliminated regular tidal action. Undeveloped low areas north of NAS Moffett Field are used to store storm water runoff. This has resulted in the establishment of freshwater vegetation in upper reaches. The remnant salt marshes are limited to the tidal waters of Stevens Creek and Guadalupe Slough, which are adjacent to the station. Cordgrass, pickleweed, and salt grass dominate these areas as elevations get progressively higher. A nearly continuous 25-acre area of pickleweed is located in the northwestern section of the station. Brackish marsh vegetation forms a discontinuous border along all levees. In addition to pickleweed, alkali heath, brass buttons, and *Jaumea* occur along the upper fringes of the tidal marsh. This habitat is well represented by a 100-foot-wide corridor along the fringes of Jagel Slough, the salt brine canal, and the bayside margin of Moffett Channel.

At the margin of the tidal areas, where freshwater runoff creates low salinity conditions, freshwater vegetation becomes dominant. Cattail and bulrush form a 100-foot corridor that is interlaced by water channels. Similar freshwater marsh is located at the western end of Moffett Channel.

**Remnant Grasslands and Ruderal Areas.** All undeveloped high ground around the perimeter of the tidal areas is dominated by ruderal (disturbed) vegetation. Sweet clover, vetch, mustard, and fennel are common plants in this area. Ruderal vegetation is scattered around the high ground along Moffett Channel and Stevens Creek. Conditions that favor ruderal vegetation include low salinity in soils and lack of fluctuating water levels.

The other major greenbelt area is the golf course, where vegetation is mostly non-native grasses. Eight ponds are found on the course but little freshwater vegetation is associated with them.

Scattered remnants of grasslands are found adjacent to the main runway and in uncultivated areas. These areas are generally mowed as part of a bird air strike hazard reduction effort.

**Wildlife.** Wildlife at NAS Moffett Field largely consists of migratory and wintering birds, visiting birds from nearby bayfront and open water habitats, and several resident species of birds and small mammals. Species of birds and mammals potentially found within the borders of the station are listed in Table 2-4.

Urban and developed areas are used by resident and migratory wildlife. Rows of mature hardwood and conifer trees provide habitat for passerine birds (songbirds) that forage in the tree canopy layer. Water is available to wildlife from lawn irrigation. Open space, maintained as large expanses of lawn, is also used by wildlife more adapted to human presence. Ponds provide a water source for wildlife that can adapt to the intensive public use of the area, including such nocturnal species as raccoon and opossum. Remnant grasslands provide habitat for burrowing owls and California ground squirrels. The grasslands provide open space in an area that is highly developed.

The bay is a major stopover point along the Pacific flyway, the coastal migratory bird route. The extensive mudflats of the South Bay attract shorebirds in great numbers because of the rich food supply provided by abundant benthic (bottom-dwelling) organisms. Open water areas are also used by wintering waterfowl.

The freshwater marsh provides a nesting site for eared grebes, mallards, gadwall, and cinnamon teal. Freshwater vegetation also produces a food source for wintering waterfowl. Open water areas provide resting sites for wintering waterfowl.

Shore and wading bird species found at NAS Moffett Field include black-necked stilts, killdeer, least sandpipers and avocets, great blue herons, and great egrets. Waterfowl species include American coots and American widgeons, lesser scaups, canvasbacks, ruddy ducks, mallards, gadwalls, pintails, northern shovelers, cinnamon teals, Forster's terns, ring-billed gulls, Bonaparte's gulls, and western and eared grebes. Upland areas, including levee banks, manufactured hills, and abandoned building sites, provide habitat for house finches, meadowlarks, sparrows, horned larks, mourning doves and ring-necked pheasants. Salt evaporator ponds bordering the bay and adjacent to the station provide significant habitat for terns, gulls, and wading birds, such as black-necked stilts and American avocets.

Nesting waterfowl and resident wildlife are threatened by the presence of red foxes and feral cats (domesticated cats that have reverted to a wild state). The red fox is an introduced species to the Bay Area whose influence as a predator on colonial nesting birds is increasing. Red foxes have been sighted near the station's golf course within the last year. The location of this siting to nesting bird colonies adjacent to the station suggests that the foxes' diet may include eggs and nestlings from sea bird nesting sites. Foxes are efficient predators of duck nests. Nesting activity in Crittenden Marsh would be adversely influenced by the presence of foxes. Feral cats also adversely affect wildlife through predation and competition for limited natural resources.

## 2.8.2 Aquatic Habitats

**Marine Habitats.** The major marine habitats found at NAS Moffett Field are tidal salt marshes and estuaries. Tidal areas are critical to many species of marine organisms because they are nurseries for several commercially important fish. The key characteristic that makes a marsh habitable for fish is the channels, which are avenues of access to the marsh. Diked marshes north of the runway no longer support saltwater fish because of the levees separating the marshes from the bay.

**Freshwater Habitats.** No significant freshwater fauna are found in the limited freshwater habitat at NAS Moffett Field.

## 2.8.3 Threatened and Endangered Species

The Endangered Species Act (ESA) of 1973, as amended, provides federal protection for species that are currently threatened with extinction or could be threatened in the foreseeable future. The U.S. Fish and Wildlife Service is the administering agency of the ESA, and uses six designations to categorize rare and sensitive species.

The following is a brief description of each designation, as outlined by the Endangered Species Act (16 USC 1531 et seq.).

- **Endangered:** Taxa threatened with extinction throughout their entire range or throughout a significant portion of their range.
- **Threatened:** Taxa that could become endangered in the foreseeable future throughout their entire range or a significant portion of their range.
- **Category 1 Candidate:** Taxa for which the U.S. Fish and Wildlife Service currently has substantial information on file on biological vulnerability and threat(s) to support the appropriateness of proposing them as endangered or threatened species.
- **Category 2 Candidate:** Taxa for which the U.S. Fish and Wildlife Service has sufficient data to propose listing them as endangered or threatened but for which conclusive data on biological vulnerability and threat is not yet available to fully support federal legislation.
- **Category 3 Candidate:** Taxa once listed for consideration as endangered or threatened but which are not currently under consideration.

According to the California Natural Diversity Database (June 1993) several rare or endangered species are known to inhabit the South Bay in the vicinity of NAS Moffett Field. These are listed below.

- Salt marsh harvest mouse (*Reithrodontomys raviventris raviventris*)<sup>a</sup>

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<sup>a</sup> Listed as endangered under the federal Endangered Species Act.

- California least tern (*Sterna antillarum browni*)<sup>a</sup>
- California clapper rail (*Rallus longirostris absoletus*)<sup>a</sup>
- California black rail (*Laterallus jamaicensis coturniculus*)<sup>b</sup>
- California brown pelican (*Pelecanus occidentalis californicus*)<sup>a</sup>
- San Francisco forktail damselfly (*Ishenura gemina*)<sup>c</sup>
- Western burrowing owl (*Athene cunicularia hypugaea*)<sup>d</sup>

A more detailed discussion of the habitat suitability and surveys conducted for these species follows.

*Salt Marsh Harvest Mouse.* The habitat preferred by the salt marsh harvest mouse is dominated by pickleweed and bordered by upland grasslands. During extreme high tides the grasslands is a refuge for the mouse.

A preliminary survey of the salt marsh harvest mouse in July 1991 (Hass 1991) involved two live trapping events conducted in the salt marsh east of the Stevens Creek mouth, as shown in Figure 2-14. One mouse was captured on the second night of trapping. Given the extremely low incidence of this species, it was recommended that no degradation of the habitat be permitted (PRC 1991f) and that a predator control program be initiated for feral cats and red foxes.

*California Clapper Rail, Black Rail.* The fragmented and isolated nature of the salt marsh found at the station makes it unsuitable for California clapper rails and black rails. Both species may use the station periodically as forage sites (U.S. Fish and Wildlife Service 1992). The black rail is listed as a threatened species by the California Department of Fish and Game and is listed as a Category 2 species by the U.S. Fish and Wildlife Service.

Recent censuses were conducted during the 1992 breeding season of March and April to determine the presence and distribution of the clapper rail at the station (U.S. Fish and Wildlife Service 1992). One pair of rails and an individual were observed at non-tidal marshes at the northwestern end of the station, as indicated in Figure 2-14. Predators sighted included the non-native red fox and Norway rat. As long as predators can be controlled and the habitat protected, the station's non-tidal marsh can enable territorial expansion and cover for rails inhabiting adjacent tidal marshes of Stevens Creek (U.S. Fish and Wildlife Service 1992).

*California Least Terns.* California least terns may historically have nested on the levees adjacent to the station. California least terns currently use the station for feeding and resting. As noted in the California Natural Diversity Database (June 1993), California least terns have been recently observed within the vicinity of the station in the salt evaporation ponds to the north.

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<sup>b</sup> Listed as rare by the state of California.

<sup>c</sup> Listed as Category 2 under ESA.

<sup>d</sup> Considered as sensitive by the State of California.

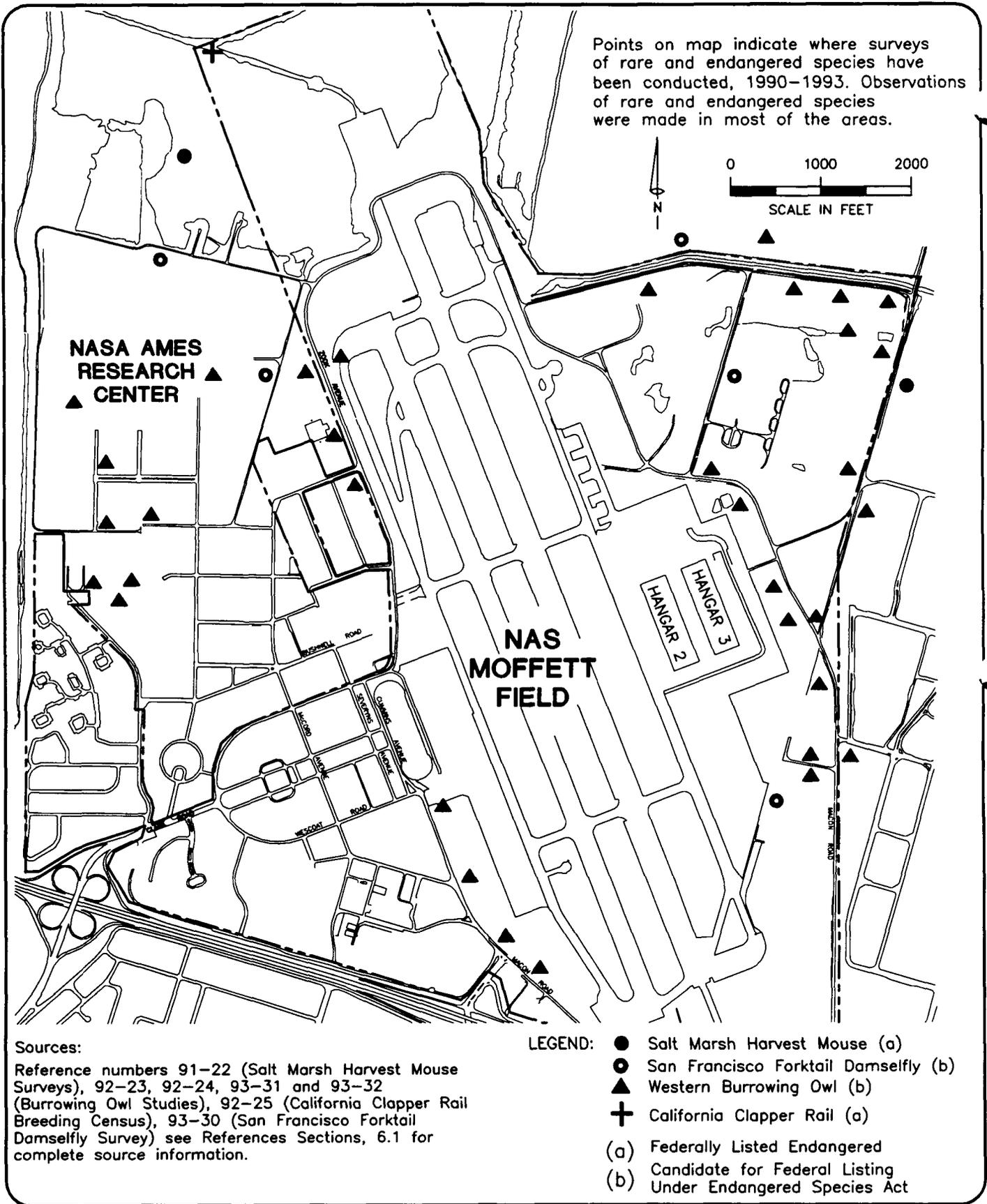


Figure 2-14

Endangered  
Species Habitat  
NAS Moffett Field



*California Brown Pelicans.* California brown pelicans are common during autumn in areas adjacent to the station. Pelicans are concentrated in Jagel Slough, which is northwest of the station (Tetra Tech 1990).

*Western Burrowing Owls.* Burrowing owls are well-known inhabitants of airports, golf courses, and other short grass habitats that provide burrows and prey. NAS Moffett Field serves as an "accidental" preserve, given the level of its human disturbances (Semprini 1989). A two-year study of the ecological needs, status, and distribution of the burrowing owl was initiated in the spring of 1992. Initial surveys revealed at least three pairs and an individual owl on the NASA Ames site, with another six pairs and three single owls present at NAS Moffett Field (Trulio 1992). More recent surveys, completed between March 16 and June 15, 1993, resulted in a census of 42 owls in 22 locations (Trulio 1992), as noted by Figure 2-14.

*San Francisco Forktail Damselfly.* This species, which is endemic to the San Francisco Bay Area, requires still and fresh water habitats and moderate levels of emergent vegetation. Surveys were initiated in March 1992 at seven sites at NAS Moffett Field offering potential habitat for the damselfly. Of these sites, ditches in Marriage and Patrol Roads offered suitable habitat for this species and supported damselfly populations throughout the spring season (NAS Moffett Field 1993b) as shown in Figure 2-14. While the survey reveals a strong damselfly population at NAS Moffett Field, loss of open water and critical vegetation destruction through herbicides or heavy equipment threaten it.

In addition to the species listed above, four other special status species have been documented in the South Bay and may occur at the station: the San Francisco garter snake, the salt marsh wandering shrew, and two plant species, Point Reyes birds beak and marsh gum plant. Investigators who compiled data for the NAS Moffett Field Master Plan (U.S. Navy 1985) noted two specimens of marsh gum plant on the Stevens Creek levee bordering the brackish marsh. However, the investigators did not observe Point Reyes birds beak or San Francisco garter snake.

According to Harlow (1981), the remnant 25-acre pickleweed strand and the marsh strands along existing dikes adjacent to NAS Moffett Field's north side are not important habitat for the California clapper rail, San Francisco garter snake, or Point Reyes birds beak. In Harlow's words, "This (pickleweed marsh) area typifies the small, remnant habitats of the salt marsh harvest mouse in the south San Francisco Bay region. In this region-wide pattern of fragmented habitats, each smaller unit becomes a significant refugium for the mouse. The loss of these small areas not only results in the loss of salt marsh harvest mouse populations, but precludes the potential for reconnecting many of these disjoint 'islands' of habitat in the future."

## 2.9 CULTURAL AND PALEONTOLOGICAL RESOURCES

Research of prehistoric and historic resources at NAS Moffett Field is based on several sources: site record and literature searches conducted by the California Archeological Site Inventory, Northwest Information Center (NWIC) at Sonoma State University (NWIC File No. 6060-90-358); a series of cultural resources investigations performed for specific buildings during the 1980s, including Building 107 and the Ames Research Facility, among others (as noted in Appendix B, "Cultural Resources Reports Related to NAS

Moffett Field"); an archeological field survey performed by Basin Research in the fall of 1991 (Basin Research Associates 1991); and an "Interim Historic and Archeological Resources Plan" (NAS Moffett Field 1990). Historic resources of the base have been inventoried according to the standards of the National Register of Historic Places. On February 24, 1994, US Naval Air Station Sunnyvale Historic District was included in the National Register. It includes the central core area of NAS Moffett Field Hangers 1, 2, and 3. All other buildings and structures built prior to the end of World War II were determined not eligible for inclusion in the National Register.

### **2.9.1 PALEONTOLOGICAL RESOURCES**

Approximately 25-33 percent of NAS Moffett Field is situated on artificial fill. Natural soils in the area are bay and estuarine muds, sand lenses, and localized peat layers deposited in the southern regions of the San Francisco Bay Region during the last 10,000 years (King 1977). Shell beds, estuarine microfossils, and plant fossils occur in such geologic settings. Fossil-bearing strata are not likely to be exposed at the station; neither are such fossils considered rare or scientifically significant.

### **2.9.2 PREHISTORIC RESOURCES**

The first extensive archeological investigations in the NAS Moffett Field area were undertaken by Nels Nelson of the University of California about 1909. His pioneering study stands as the most thorough analysis of region-wide prehistory; most of the 425 "earth mounds and shell heaps" he reported in the Bay Area no longer exist, having been destroyed by urban development since 1900. More than 100 shellmounds that dotted the immediate bayshore environment in Alameda, Contra Costa, and Santa Clara Counties provided ample evidence of the abundant waterfowl, fish, and shellfish resources that comprised much of the subsistence base and the foundation for economic stability among the Costanoans.

Basin Research Associates conducted a records search at the Northwest Information Center, California Archeological Inventory, Sonoma State University, in September 1991 to identify known sites and previous cultural resource surveys undertaken at NAS Moffett Field (Basin Research Associates 1991). According to the records, 16 surveys have been conducted within or immediately adjacent to NAS Moffett Field since the 1970s (as listed in Appendix B). Several of these investigations involved subsurface testing (auguring) and limited test excavation, providing information on soils and the extent of buried deposits within NAS Moffett Field. Basin Research also conducted a field investigation to locate the sites, but little evidence of the sites was found (Basin Research Associates 1991).

A sizeable portion of NAS Moffett Field is situated on previously submerged land or marshlands (Figure 2-16). Much of the area north of the middle of the airfield is fill; the original shoreline ran northwest through what is now Ames Research Facility (Nichols and Wright 1971).

Archeological sites known to have at one time existed on NAS Moffett Field include CA-SCL-14, 15, 16, 17, 18, 19, 20, 21, and 24. Additional sites, CA-SCL-12, 13, 22, 23, and 25, have been located outside the station boundary. The sites are listed in Table 2-5. All of the sites were originally recorded by researcher L.L. Loud of U.C. Berkeley in 1912; many of them were noted by Nelson in his 1909 landmark analysis of bay shellmounds

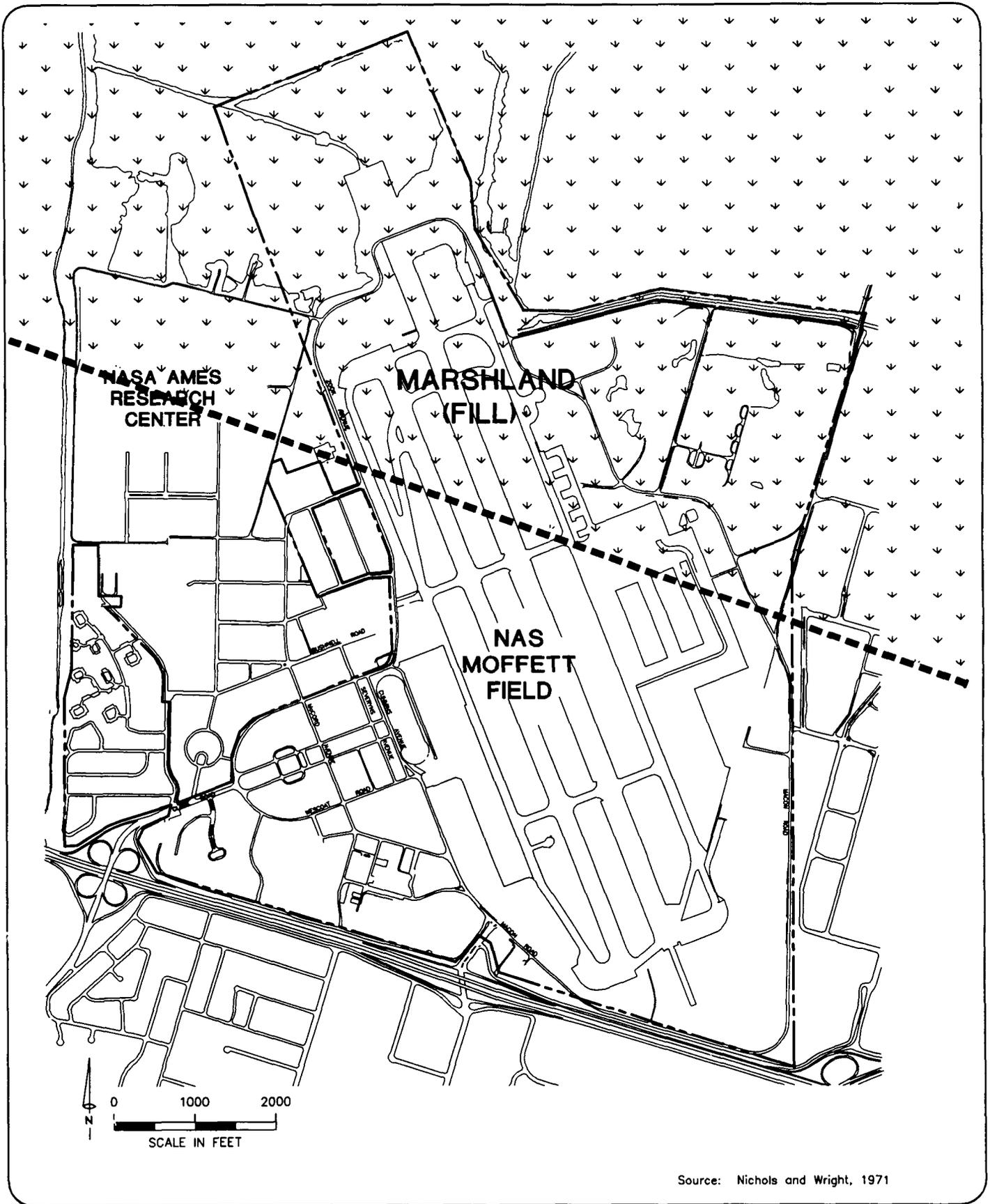


Figure 2-15

Marshland Boundaries  
NAS Moffett Field



**TABLE 2-5  
 ARCHEOLOGICAL SITES WITHIN OR  
 ADJACENT TO NAS MOFFETT FIELD**

<b>Site Number</b>	<b>Site Type</b>	<b>Elevation</b>	<b>On NAS</b>
CA-SCL-12	Large occupation site; midden, burials; Loud's Big Ynigo Mound	35 feet	No
CA-SCL-13	Occupation site	15 feet	No
CA-SCL-14	Occupation site	15 feet	Yes
CA-SCL-15	Occupation site	15 feet	Yes
CA-SCL-16	Occupation site	20 feet	Yes
CA-SCL-17	Occupation site	20 feet	Yes
CA-SCL-18/H	Occupation site	unknown	Yes
CA-SCL-19	Occupation site	20 feet	Yes
CA-SCL-20	Large occupation site, mound, midden, burial; "Loud's Bid Ynigo Mound"	30 feet	Yes
CA-SCL-21	Compact oval mound	33 feet	Yes
CA-SCL-22	Occupation site	42 feet	No
CA-SCL-23	Occupation site; Crittendon Kitchen Mound	7 feet	NASA-Ames
CA-SCL-24	Occupation site	34 feet	Yes
CA-SCL-25	Occupation site	24 feet	No

Source: Basin Research Associates, June 1984 and December 1991.

(Nelson 1909). Subsurface and surface ground disturbance has so affected these sites that they are not likely to qualify for listing on the National Register of Historic Places.

The Berkeley ethnographer, A.L. Kroeber, identified a large village site known as "Posolmi" in the NAS Moffett Field area (Kroeber 1925). It is generally accepted that the site recorded as CA-SCL-20 is the one referred to as Loud's Big Ynigo Mound. This site was sold as pottery soil in the 1920s and if any artifacts remained, they were most likely graded out when the runways were constructed. Southeast of SCL-20 lies SCL-12, also known as Smaller Ynigo Mound; Lope Ynigo, an 1840s Rancho grantee, was interred near the mound. The remains of this site have been listed on the National Register and are located in the intersection of Highway 101 and 237.

Urban development, naval occupation, utilization of the area, and intensive agriculture have destroyed most of the sites. Field surveys and test excavations at NAS Moffett Field have shown that there are no known undisturbed alluvial deposits.

### **2.9.3 HISTORIC RESOURCES**

A review of historic maps reveals that early European occupation of the NAS Moffett Field vicinity began in the 1830s. The maps illustrate that the base was part of "Rancho Pastoria" or the "Ynigo Reservation" in the 1850s and that it was subdivided in the 1870s. Three structures were present within the area occupied by NAS Moffett Field in the 1850s, while five buildings (and subdivisions) appear on an 1876 map of the site (Figure 2-15). There are several unnamed buildings on 1899 USGS maps, but definitive placement of these historic structures cannot be achieved (Basin Research Associates 1991). None of the buildings that predate the Navy's use of the land remain.

The central core area of NAS Moffett Field, 43 contributing buildings built for the Zeppelin Air Station and including the two blimp hangars built during World War II (Hangars 2 and 3) have been nominated to the National Register of Historic Places. They were included in the National Register February 24, 1994 as US Naval Air Station Sunnyvale Historic District.

### **2.9.4 WORLD WAR II BUILDINGS OF SIGNIFICANCE**

All the buildings and structures built prior to the end of World War II (1946) were inventoried and evaluated on State Historic Resource Inventory Forms. With the exception of those included in the US Naval Air Station Sunnyvale Historic District, none were determined to qualify for inclusion in the National Register, in consultation with the State Historic Preservation Officer.

### **2.9.5 COLD WAR BUILDINGS OF SIGNIFICANCE**

There are currently no criteria established for determining significance of buildings constructed during the Cold War Era between 1951 and 1991 (Wall, personal communication 1993). Generally speaking, it is not the age of the buildings but what they were used for that would qualify property for the National Register for Cold War significance. If the building/property played an exceptional role in winning the Cold War then it would qualify for the National Register, whether that be Hangar 1 built in 1933 or a new wind tunnel for missile testing built in 1985. In this regard, no historically

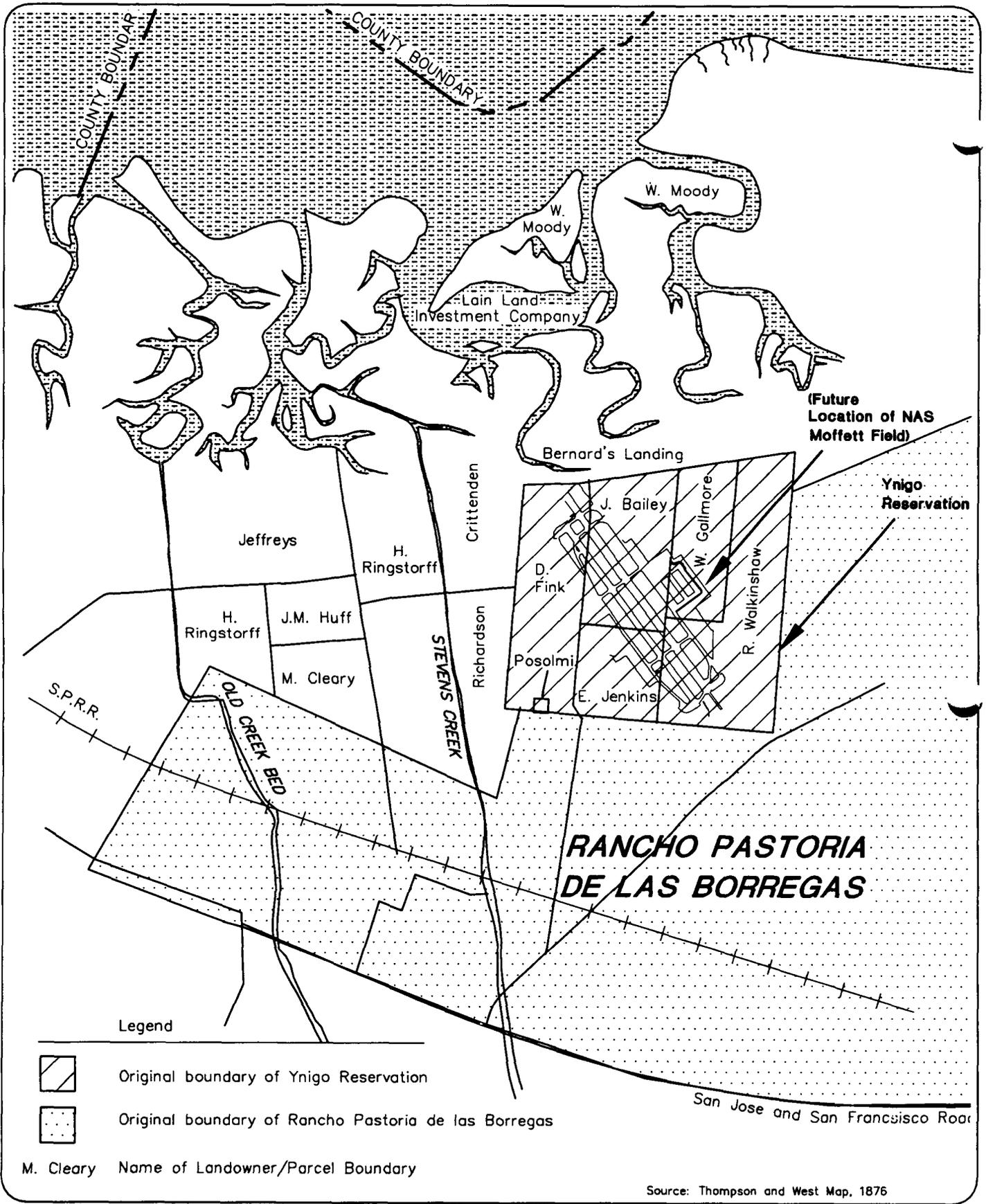


Figure 2-16

Historic Map of NAS Moffett Field (1876)



significant event can be found that would place singular importance upon a specific structure or group of structures (Wall, personal communication 1993).

## 2.10 VISUAL AND AESTHETIC RESOURCES

The wide open spaces of the airfield and the expanse northward across the wetlands to the bay provide a pleasant visual environment. Numerous birds and animals inhabit the marshes and provide interesting observation possibilities. There is a substantial number of well-preserved buildings that date back to the original construction of the station and demonstrate the Spanish Colonial Revival architecture of the 1920s and 1930s (Gast 1983). The station is also the site of three extremely unique and impressive structures known as Hangars 1, 2, and 3. Hangar 1 was completed in 1933 and was designed to house the dirigible USS Macon within its 1,138-foot long, 308-foot wide, and 198-foot high dimensions. The hangar is now listed as a Naval Historical Monument. Hangars 2 and 3 were completed in 1942 and while not as large as Hangar 1, are notable in that they were constructed entirely from wood and concrete. Together, these three structures are reminders of the large airships that have taken their place in aviation history.

NAS Moffett Field is situated along a wetland adjacent to the San Francisco Bay. This unique setting provides for wildlife viewing. The facility has approximately 10,000 feet of frontage along wetlands at the north end of the facility. This location affords viewing opportunities for numerous species of wetland vegetation and associated wildlife. NAS Moffett Field houses both resident and migratory birds. Feeding areas include the ponds located in the golf course, the wetlands to the north of the facility, and the salt water evaporating ponds. Numerous species of terns, gulls and wading birds are known to use the area for feeding and nesting.

## 2.11 TRAFFIC

Regional access to NAS Moffett Field is provided by U.S. Highway 101, which extends in a north-south direction along the west side of the bay (Figure 2-17). This freeway is the primary access route from communities north and south of the base. State Route 237, which extends in an east-west direction between Highway 101 and the East Bay freeways, I-680 and I-880, provides regional access to the base from communities to the east. Local access to NAS Moffett Field is available at the Moffett Boulevard/Main Gate and Ellis Street/South Gate interchanges on Highway 101. Access by rail, ship, or air is also possible.

### 2.11.1 CIRCULATION AND PARKING

**Existing Conditions.** U.S. Highway 101 extends along the southern boundary of NAS Moffett Field. In the project vicinity, this freeway has four travel lanes in each direction. One lane in each direction is reserved for carpools during the AM and PM peak traffic periods, 5:00 to 9:00 AM and 3:00 to 7:00 PM (Seriani, personal communication, 1994). The Moffett Boulevard/Main Gate freeway interchange is a standard cloverleaf design, while the Ellis Street/South Gate interchange is a standard diamond design.

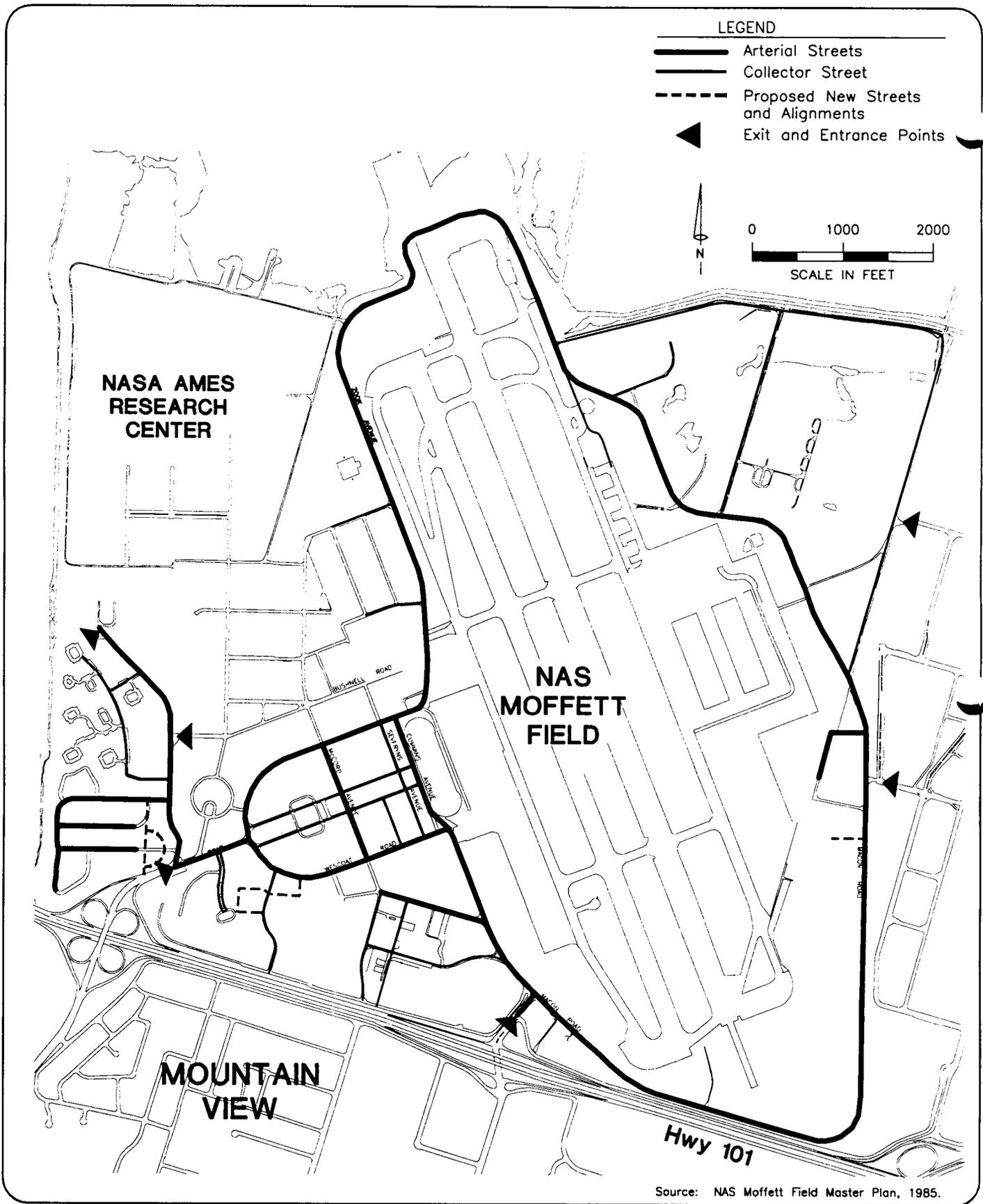


Figure 2-17

Traffic Circulation  
NAS Moffett Field



Moffett Boulevard is a four-lane divided roadway that extends to the south from the NAS Moffett Field Main Gate to the Central Expressway in Mountain View. This road also provides access to the NASA Ames Gate via Moffett Boulevard extension. The section of Moffett Boulevard between Highway 101 and the Stevens Creek Freeway (State Route 85) provides the only connection from westbound (also northbound) Highway 101 to southbound Route 85, and from northbound Route 85 to eastbound Highway 101. (See Figure 2-18 for a depiction of the existing road network.)

Ellis Street is a four-lane roadway that extends to the south from the NAS Moffett Field South Gate to Middlefield Road in Mountain View. South of Highway 101, Ellis Street has a center two-way turn lane. Ellis Street intersects with Manila Road and the northbound Highway 101 freeway ramps within approximately 500 feet of the South Gate. Manila Road and the northbound off-ramp are stop-sign controlled at Ellis Street.

H Street and Fifth Avenue are roadways serving the Lockheed facility. The East Gate is located near the H Street/Fifth Avenue intersection. Fifth Avenue's eastern terminus is at North Mathilda Avenue. North Mathilda Avenue provides access to interchanges with both the Highway 101 and State Route 237 Freeways.

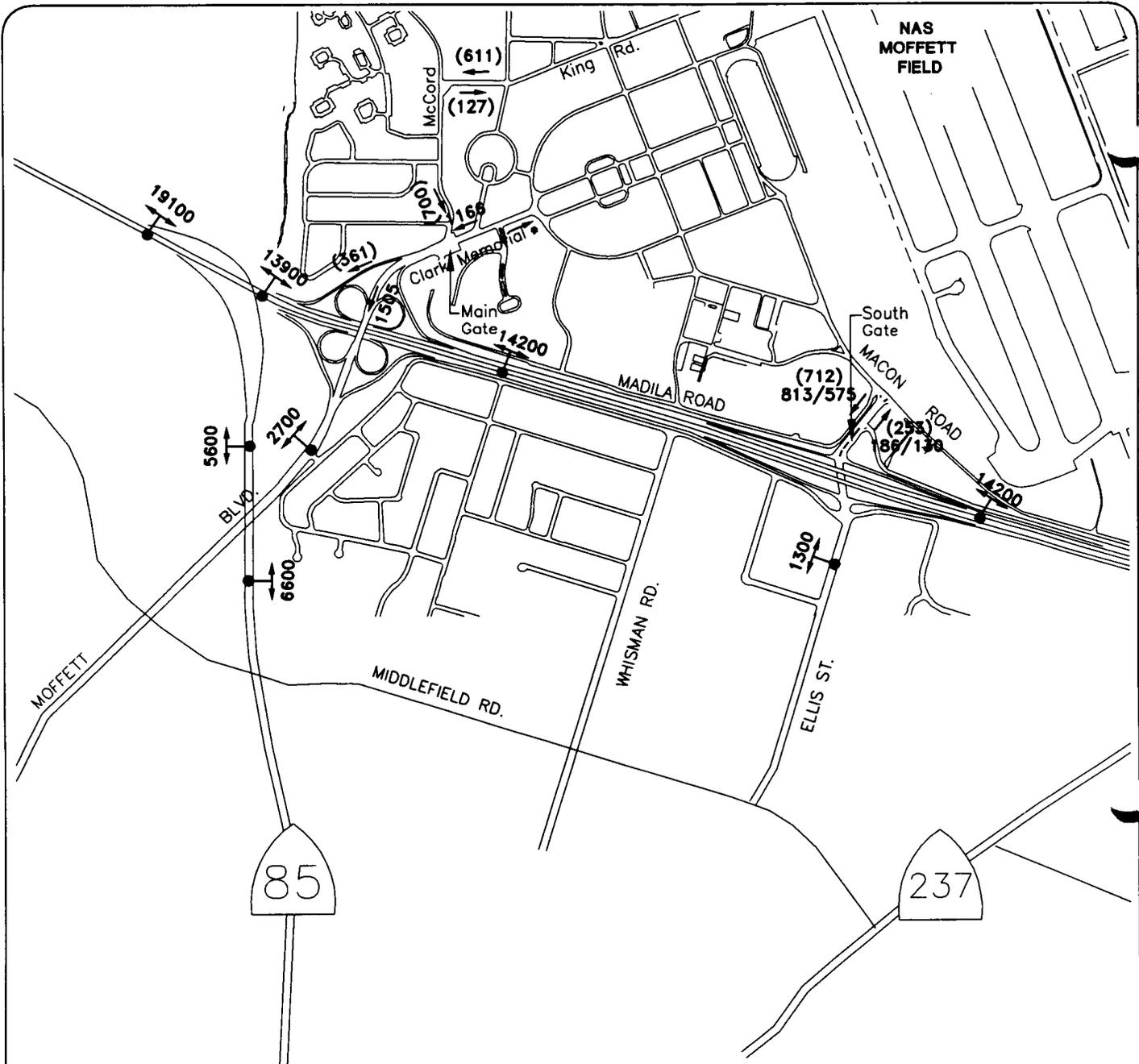
**Existing Traffic Volumes.** NAS Moffett Field is accessed by four gates: the Main Gate on Moffett Boulevard, the NASA Ames Gate on Moffett Boulevard Extension, the South Gate on Ellis Street, and the East Gate on H Street. The Main Gate remains open at all times. The East Gate is open on a limited basis only, primarily when personnel working in the eastern margin of the station come and leave NAS Moffett Field. The four gates serve both NAS Moffett Field and the NASA Ames Research Center. Roadways on the base allow both facilities to access all gates. However, the Ames gate is intended for Ames personnel only, although a limited number of NAS personnel (those living in the naval housing, located off Moffett Boulevard Extension just west of the station) have been directed to use that gate during peak traffic periods because of traffic congestion problems at the Main Gate (Tetra Tech 1990).

Internal street patterns consist mainly of two-lane, two-way roads with stop signs. A signal light is located at the intersection of Ellis Street and Macon Road near the South Gate.

Historically, traffic congestion and delay at NAS Moffett Field were minimal except at the Main Gate during identification checks (U.S. Navy 1985). The most severe traffic delays occurred between 7:15 AM and 8:00 AM, at noon, and between 3:30 PM and 4:00 PM. Afternoon peak hour traffic volumes and principal roadways serving NAS Moffett Field and NASA Ames Research Center were surveyed in mid-1990 and are shown in Figure 2-18. Afternoon peak hour volumes taken in 1982 at three of the four access gates, as well as recent volumes (1990) at the South Gate, are shown. This data was gathered when NAS Moffett Field was a full strength active Naval Air Station, prior to the base drawdown as of 1992.

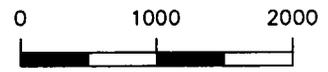
### **2.11.2 OTHER LOCAL TRANSPORTATION**

**Public Transit.** The Santa Clara County Transit Service provides bus service to NAS Moffett Field via routes 51, 104, and 117. Route 51 provides service to the CalTrain station in Mountain View, extending southward to the Vallco Shopping Center in



**LEGEND**

- 500            1990 PM Peak Hour  
                 volume - 4:30-5:30 PM
- (500)          NAS Moffett Field & NASA-AMES  
                 Combined Peak Hour Volume



SCALE IN FEET

Source: Caltrans (1988) and City of Mountain View (1985) Military Traffic Management Command Transportation Engineering Agency (July 1982) Traffic Data Service (March 1990)

**Figure 2-18**

**Traffic Volumes (1990)  
NAS Moffett Field**



Cupertino. Route 104 provides service to Palo Alto to the west and Milpitas/Northeast San Jose to the east. Route 117 provides service to communities to the south, including Cupertino, Campbell, and South San Jose. There are also a number of bus routes with stops at or near the East and South Gates. Route 20 is located in front of the South Gate on Ellis Street. There are about 10 bus routes in the Lockheed area adjacent to the East Gate.

The California Department of Transportation (CalTrans) operates commuter passenger service (CalTrain) on the Southern Pacific right-of-way. CalTrain provides service between San Francisco and San Jose.

**Railroads.** The Southern Pacific Railroad provides north-south freight service. The principal service is provided on tracks that parallel the Central Expressway through Mountain View, while spur lines provide freight service to NAS Moffett Field and NASA Ames. At present, no freight deliveries are made by rail to NAS Moffett Field and most existing tracks on the base have been removed (Tetra Tech 1990).

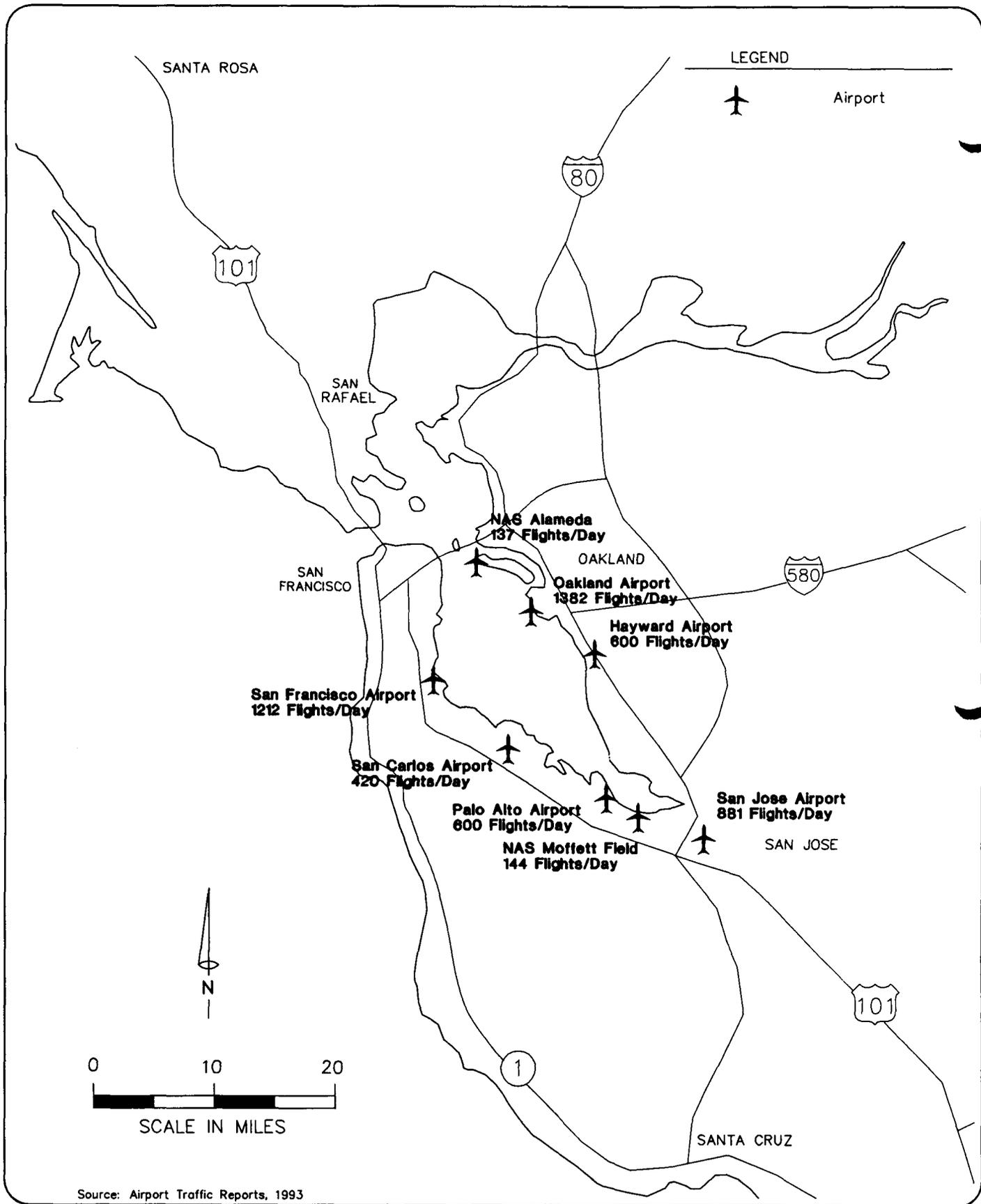
### **2.11.3 AIR FACILITIES AND TRAFFIC**

NAS Moffett Field facilities include a fully instrumented airfield with parallel runways capable of supporting operations of the largest transport category aircraft. Airfield facilities include extensive taxiways, parking aprons, and hangar complexes.

Existing air traffic at NAS Moffett Field currently average 144 total operations per day (Ganes, personal communication 1993). Operations are split approximately equally between Navy aircraft and other traffic. Non-Navy operations consist of Army, Air National Guard, NASA, and miscellaneous military transient aircraft.

Before downsizing, NAS Moffett Field was the largest P-3 base in the world and was the center for antisubmarine patrol operations in the Pacific. P-3 squadrons from NAS Moffett Field were deployed to other locations for extended duty assignments as part of the operational procedures of COMNAVAIRPAC and COMPATWINGSPAC. In 1983 NAS Moffett Field housed 10 squadrons and 103 P-3 aircraft. In August 1993 the base maintained only one squadron (VP-40) with 9 P-3 aircraft. VP-40 was relocated in October 1993. P-3 squadrons assigned to NAS Moffett Field in 1983 and 1993 are listed in Table 2-6. In 1994, the Navy anticipates housing between 80 and 83 aircraft at NAS Moffett Field. This includes Navy aircraft from the Naval Reserve (33), 124th ARCOM (26), and OSAC (2-5). In addition, there are about 12 Air National Guard aircraft based at the field (NAS Moffett Field 1993c). Table 2-7 lists aircraft types that operate at NAS Moffett Field.

The air traffic environment near NAS Moffett Field includes high density traffic from two nearby general aviation airports, San Jose International and San Francisco International (Figure 2-19). Other nearby airports include the Palo Alto Airport, the San Carlos Airport, the Hayward Airport, and NAS Alameda. From the standpoint of air traffic, the aerospace within the region is strictly controlled by a system that involves complex aerospace restrictions and tower/air route controllers. This control system provides separation for both visual flight rules (VFR) and instrument flight rules (IFR) traffic for safety purposes and expedites the flow of air traffic to and from facilities within the region. Within this system of strict controls, operations at NAS Moffett Field can affect



**Figure 2-19**

**Regional Airports and Average Daily Traffic in the Vicinity of NAS Moffett Field**



**TABLE 2-6  
P-3 SQUADRONS BASED AT NAS MOFFETT FIELD**

Squadron Number	Squadron Type	Number Aircraft	
		in 1983	in 1993
VP-31	Training	21	0
VP-9	Patrol	9	0
VP-19	Patrol	9	0
VP-40	Patrol	9	9
VP-46	Patrol	9	0
VP-47	Patrol	9	0
VP-48	Patrol	9	0
VP-50	Patrol	9	0
VP-91	Reserve	10	0
VP-MAU	Active/Reserve	9	0
<b>Total</b>		<b>103</b>	<b>9</b>

Source: Tetra Tech, 1990. Candidate Base Closure EIS Realignment in the Bay Area 1990. Shackleton, personal communication 1993.

operations at San Jose International Airport. Minor delays or holds occur when aircraft operating to or from NAS Moffett Field transit the airspace near San Jose.

## 2.12 EMERGENCY RESPONSE SERVICES

### 2.12.1 POLICE SERVICES

There are 50 security personnel at NAS Moffett Field, three of whom are civilians (Smith, personal communication 1993). NAS Moffett Field has a memorandum of understanding with the Santa Clara County Sheriff's Department, through which it can request emergency aid. If the sheriff is unable to respond, the police departments of the cities of Mountain View or Sunnyvale will respond (Bliss, personal communication 1990; Smith, personal communication 1993). When requested, NAS Moffett Field aids the Santa Clara County Sheriff's Department with ordnance identification and defusing.

### 2.12.2 FIRE SERVICES

The NAS Moffett Field Fire Department has a staff of 42, three engines, three crash trucks, and one rescue unit (Jipetti, personal communication 1993). In addition to providing services to the base itself, the fire department provides fire services to the NASA Ames Research Center. NAS Moffett Field maintains a mutual aid agreement with the City of Mountain View. Under this agreement it may request aid from the city for fire fighting assistance. The NAS Moffett Field Fire Department has special capabilities for fighting airplane crashes and flammable liquid fires and has also helped put out brush fires.

### 2.12.3 OTHER EMERGENCY RESPONSE SERVICES

**Regional Coordination.** Although no formal written agreements exist between NAS Moffett Field and local or state emergency response entities, it is generally agreed that the NAS Moffett Field Airfield would serve well as a regional staging area in the event of a large disaster. Some services were provided after the Loma Prieta earthquake of October 17, 1989, when NAS Moffett Field provided FEMA-coordinated airfield services for disaster relief material distribution by airplane, helicopter, and truck.

**Hazardous Spill Response.** NAS Moffett Field has a series of protocols and procedures for the containment and cleanup of hazardous materials as defined by its 1991 Hazardous Substance Spill Contingency Plan (NAS Moffett Field 1991). The plan details policies and responsibilities for the control/cleanup of hazardous substance spills on the base and identifies logistical coordination and equipment support to Commander Naval Base San Francisco. The NAS Moffett Field Fire Department serves as the first spill response center that is responsible for receiving all initial spill reports. The activity spill response center operates 24 hours a day and alerts the medical center, security and the NAS officer of the day (OOD) (NAS Moffett Field 1991). The Navy has a designated emergency response team called the On Scene Operations Team, which is trained and equipped to conduct operations for the initial response, control, containment, and cleanup of hazard substances incidents.

**TABLE 2-7  
AIRCRAFT TYPES AT NAS MOFFETT FIELD**

<b>Type</b>	<b>Based</b>	<b>NASA</b>	<b>ANG</b>	<b>Itinerant</b>
Turboprop	P-3	DHC-6 Cessna 402	HC-130	C-130
Jet		ER-2 Lear C-141 T-38 C-130 QRSA YO 3		C-5 DC-8 C-141 F-4 F-14 A-4 A-6 A-7 T-38
Other Aircraft	Misc. Private Single and Light Twins	Harrier XB-15		
Helicopter		UH-1H AH-1G JUH 60	HH-3E	

Source: Tetra Tech 1990. Candidate Base Closure EIS in the Bay Area

## 2.13 UTILITIES

### 2.13.1 WATER SUPPLY

Two sources of domestic water supply NAS Moffett Field. The primary water supply for the base is through a 180-inch diameter line in the San Francisco Water Department's Hetch Hetchy aqueducts that feed into an elevated 200,000 gallon tank near Hangar 1. Pressure is reduced from 120 pounds per inch (psi) to about 45 psi at the base's main vault meter, where water is distributed throughout the base from a 20-inch diameter branch line. There is another fresh water feeder from the aqueduct at the southeastern corner of NAS Moffett Field, where Highways 101 and 237 intersect. Additional water may be obtained from the City of Mountain View to supply off-station housing complexes. The water supply system is shown in Figure 2-20. The annual water demand is about 400 million gallons. The analytic testing of water is conducted by the respective municipalities and the Navy periodically tests the water for bacteria. A limited lead survey of the medical center and child care center was conducted. This study found two distribution points where lead levels exceeded federal drinking water standards.

The original fresh water distribution system was installed in 1932 using cast iron pipes ranging in size from six to eight inches in diameter. The general condition of the old cast iron system is fair, requiring routine maintenance. Since the water system has grown through the years, some lines have been replaced. The present distribution system is composed of more than 12,000 linear feet of water lines (Bently Engineering Company 1993).

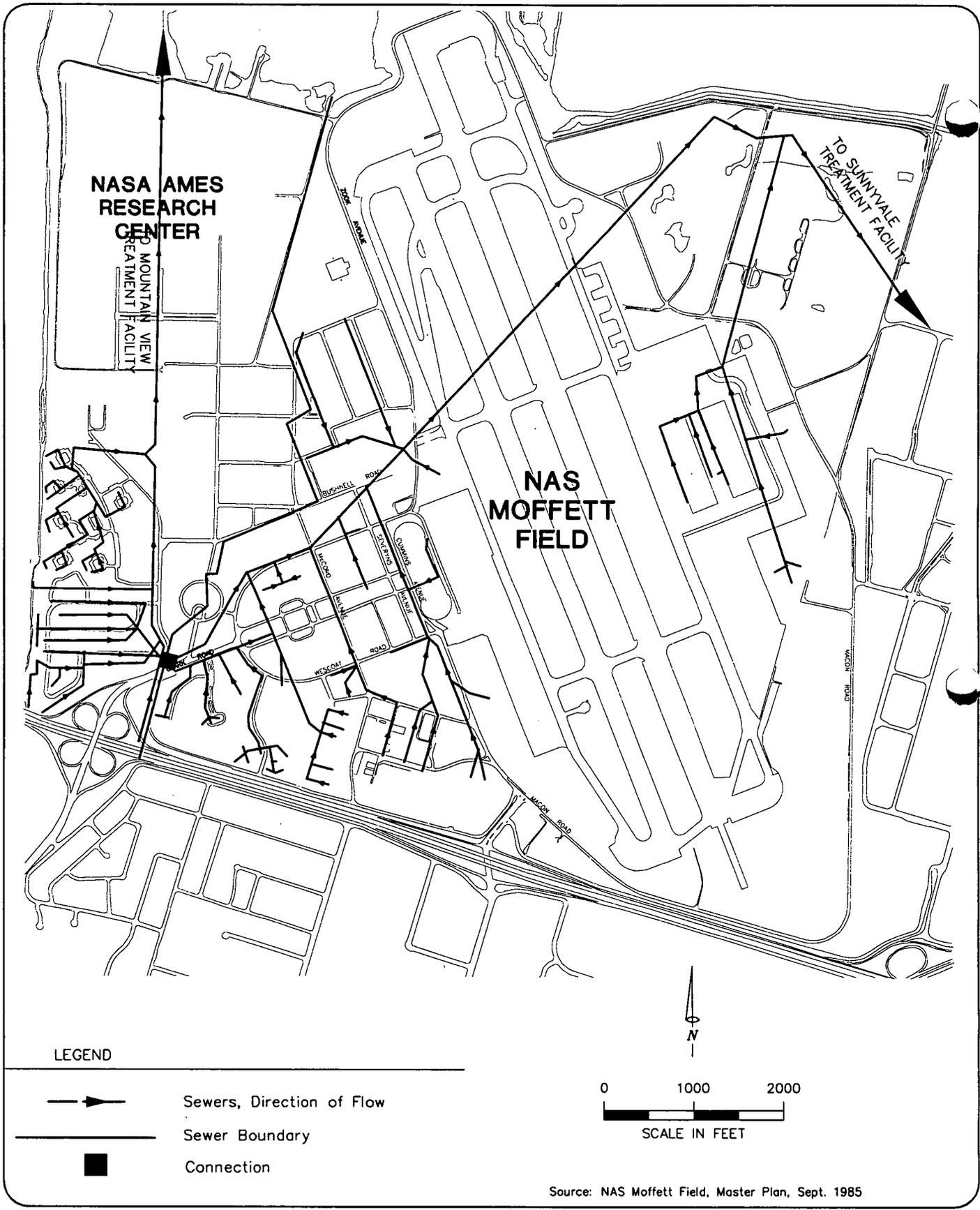
### 2.13.2 WASTEWATER TREATMENT AND INDUSTRIAL DISCHARGE

**Sewer Collection System.** The local sewer collection system at NAS Moffett Field connects with a force main to the City of Sunnyvale treatment plant with which the station has a high-volume rate contract. Another contract with the City of Mountain View treats wastewater from the housing and personnel support outside of the main gate (along the west edge of the NASA Ames Research Center). A combined total of 235 million gallons of wastewater for all facilities, including offsite housing, was processed in fiscal year 1989. Water from the aircraft rinse facility is discharged to an open field. NASA applied for a National Pollution Discharge Elimination system (NPDES) permit in May 1993 (Alla Lyubovny, personal communication 1993).

The station's sanitary sewer system was originally installed in the early to mid-1930s. The Sanitary System Plan (Figure 2-21) shows the locations of all known existing sewer lines, connectors, and system boundaries, which total about 91,000 linear feet of collection lines. The mains are of cement-lined cast iron vitrified-clay (Bently Engineering Company 1993).

**Industrial Discharge.** There is a small industrial wastewater (IW) discharge collection and treatment system on the east side of the station, that runs between Hangars 2 and 3, extending from Building 142, the AIMD Ground Supply Equipment Facility, to a wash rack about 1,500 feet south of the two hangars. Industrial discharges at the base are typically subject to regulation as wastewater discharges and, under certain circumstances, as hazardous wastes (ERM-West/Aqua Resources 1986a). NAS Moffett Field is regulated by the California Environmental Protection Agency (Cal EPA), the Regional Water Quality





**Figure 2-21**

**Sanitary Sewer System  
NAS Moffett Field**



Control Board, the City of Sunnyvale, and the County of Santa Clara. The industrial wastewater flux ponds receive materials discharged from the aircraft wash rack and the ground support equipment cleaning area (see Figure 2-22) (Dames & Moore 1988). While the IW discharge treatment system handles these sources of wastewater, most industrial discharge from the base, about 50,000 gallons daily, goes directly into the sanitary sewer system (Bently Engineering Company 1993). Industrial grade wastes pass through sumps that offer some waste retention and oil separation. IW discharges at the station include certain listed hazardous wastes. Major contaminants include solvents; heavy metals, such as cobalt, cadmium, chrome, lead; and oil and grease. Industrial wastewaters are generated by a number of shops throughout NAS Moffett Field, including the Navy and California Air National Guard operations. A one-year discharge permit was issued to NAS Moffett Field on March 31, 1992 by the City of Sunnyvale. A new application was submitted in 1993, but the City of Sunnyvale required more information. An interim operations permit was issued by the City of Sunnyvale on January 15, 1994 and is valid through September 30, 1994 (Fernandez, personal communication 1994). According to NAS Moffett Field personnel there have been no discharge violations since September 1992.

### **2.13.3 STORM WATER**

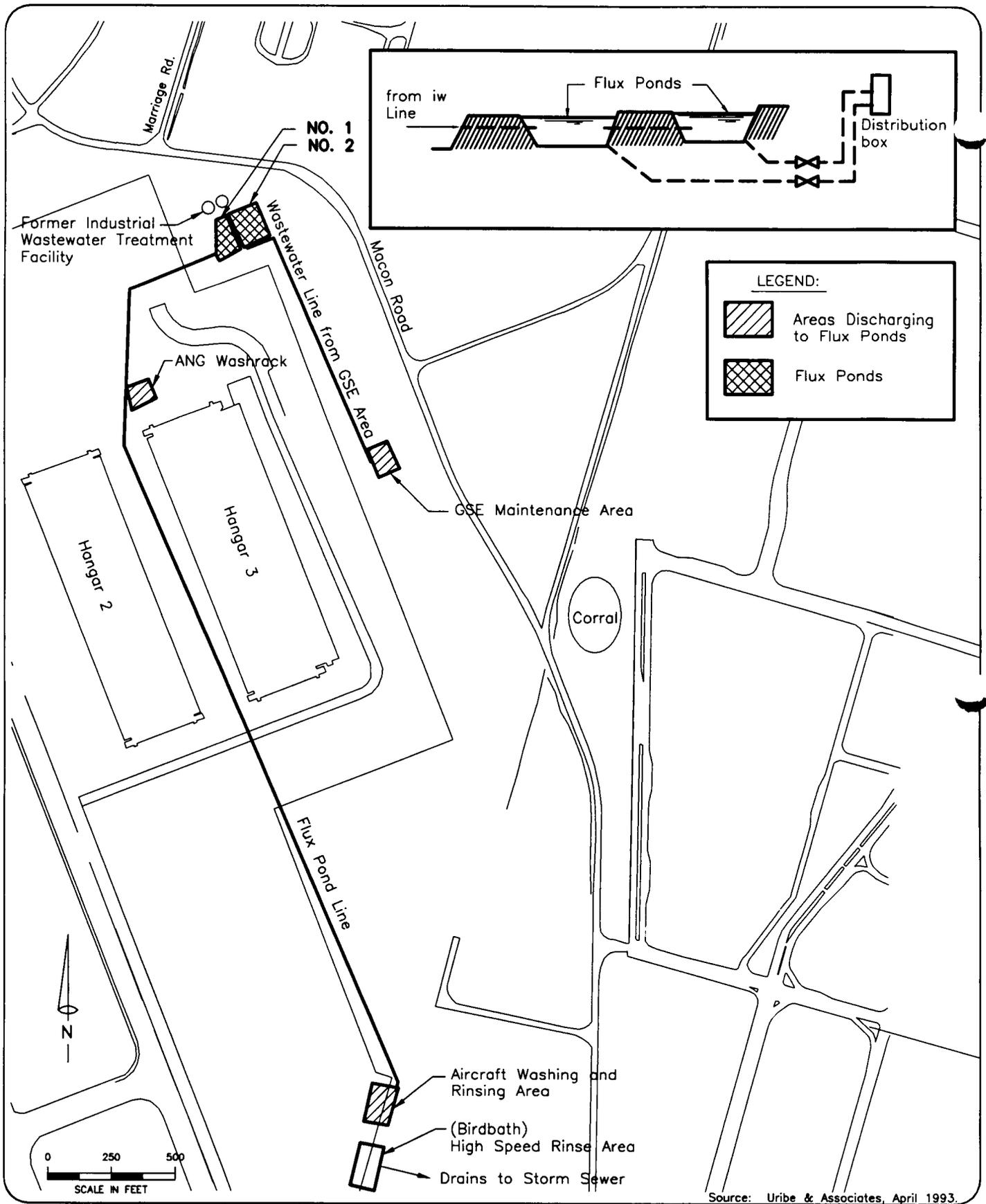
The NAS Moffett Field watershed is approximately 2,000 acres bounded by Highway 101 to the south, Stevens Creek to the west, Guadalupe Slough to the east, and the Cargill salt evaporation ponds to the north. This drainage area is divided into two sub-basins, the area west of the aircraft runways and the area east of and including the aircraft runways. The surface runoff is moderate. Higher runoff rates occur naturally where there are extensive areas of paved surfaces, like the aircraft runways. Lower runoff rates occur where undeveloped or heavily vegetated areas are predominant. The storm drain system pipe locations are shown in the Storm Drain System Map (Figure 2-23).

Drainage off the west side of the station runs off to the north through underground storm pipes and drainage ditches to the brackish marsh area northwest of the runway. Water from the marsh is designed to drain via flap gates to Stevens Creek and then to San Francisco Bay during low tide. However, sedimentation in the creek has covered the flap gates and rendered them inoperable. Temporary pumps have been used for a decade to pump water out of the brackish marsh area and into the creek (Bently Engineering Company 1993).

NAS Moffett Field implemented a storm water pollution prevention plan in 1992. The plan involved implementing base management practices and making structural changes to prevent non-storm water discharges from entering the storm drain system. Structural changes to the system are not fully complete due to the time required to trace connections to the storm water system (NAS Moffett Field 1993d).

### **2.13.4 SOLID WASTE**

Solid waste collection and disposal is handled through Waste Management, Inc., a private contractor. A total of 4,216.2 tons of solid waste were collected from NAS Moffett Field and taken to the Kirby Canyon Landfill between October 1991 and September 1992 (Trembley, personal communication 1993). The collection needs throughout the station during that period declined, largely due to the recent implementation of a monthly



**Figure 2-22**

**Industrial Wastewater System  
Discharging to Flux Ponds  
NAS Moffett Field**



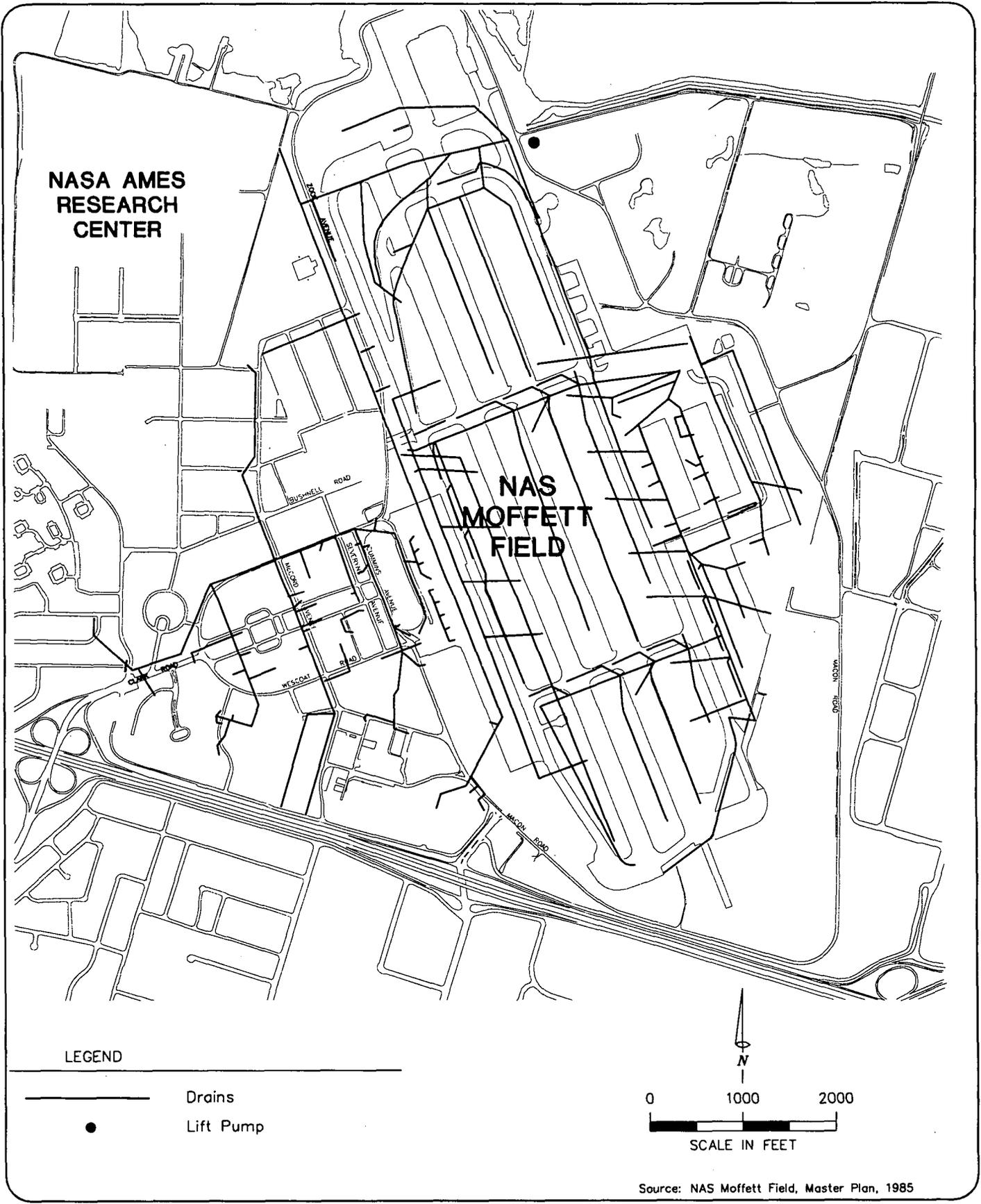


Figure 2-23

Storm Drainage  
NAS Moffett Field



recycling program for newspaper, glass, and aluminum. In October 1991, almost 414 tons of refuse were collected, while in September 1992, about 299 tons were collected. During that fiscal year, 208 tons of recyclable materials were gathered, including 143.4 tons of newspaper, 31.5 tons of glass, 9.5 tons of aluminum, and 23.7 tons of commingled materials. In addition, an average of 110 gallons of waste motor oil are collected monthly by Waste Management. Miscellaneous recyclable materials include cardboard (429 tons collected in fiscal year 1992), copper (18 tons), plastic (2.5 tons), steel (80 tons), and timber (32 tons) (NAS Moffett Field 1993g). The total quantity of solid waste has declined in proportion to the decrease in military and civilian personnel at NAS Moffett Field.

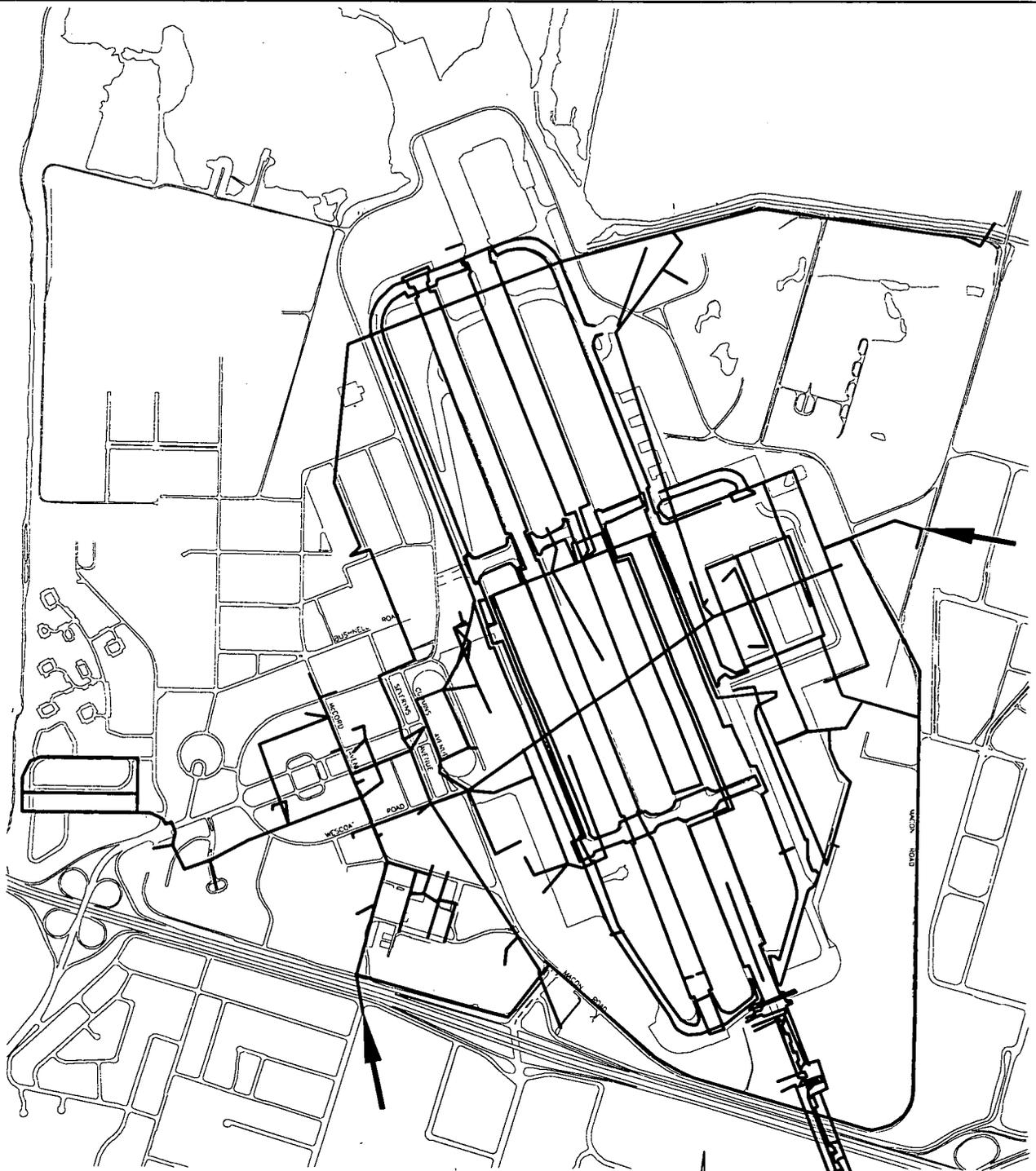
### **2.13.5 ENERGY**

**Electricity.** Electrical power for the station is purchased from the Western Area Power Administration (WAPA) and supplemented by purchases from Pacific Gas and Electric (PG&E). WAPA is operated by the U.S. Department of Energy and provides power from western United States federally-owned hydroelectric facilities by allocation to specific customers, such as the Navy. WAPA power supplied to the Bay Area comes from a group of federal hydroelectric facilities called the Central Valley Project (CVP), which use the PG&E transmission and distribution network. NAS Moffett Field receives almost 98 percent of its electrical power from WAPA, which is substantially less expensive than that which could be obtained from PG&E. The PG&E power is primarily for the offsite housing units.

The electrical distribution system of NAS Moffett Field is composed of a network of 2.4kv and 12kv distribution underground lines (Figure 2-24), with a series of substations, transformers, street lighting, and access lighting. Electricity is supplied via PG&E through a 115kv feeder on the east side of the base to a substation. The 1991 electrical usage at the station was 46,968,130 KWH (NASA Ames Research Center 1992). The electrical usage has significantly decreased since 1991 as military and civilian personnel have decreased.

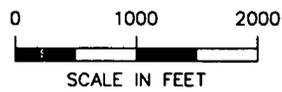
There are four substations at NAS Moffett Field. The main one is substation "A," located in Building 591 adjacent to the Moffett golf course. Installed in 1985, it is rated at 115kv. The equipment inventory for substation "A" includes approximately 10 circuit breakers, one battery charger, 25 batteries, 50 relays, 30 meters, two 12kv transformers, and one 2.4kv transformer. Substation "B" is located between Hangars 2 and 3 and rated at 12.47kv. Its equipment inventory includes approximately five air circuit breakers, 25 relays, and 10 meters. Substation "C" was upgraded in 1985 and is rated at 12.47kv. Located just east of Building 156, its inventory includes one circuit breaker, 25 batteries, one battery charger, 35 relays, and 20 meters. Substation 104 is rated at 2.4kv. The equipment inventory includes five circuit breakers, one battery charger, 60 batteries, 10 relays, four transformers, and five meters (NASA Ames Research Center 1993a).

The street lighting system for the base is supplied from substation 104 and consists of approximately sixty 70-watt high-pressure sodium lights, ten 400-watt mercury vapor lights, and three incandescent lights. There are 255 transformers in the system. The components of the substations have generally been found to be in good condition. Feeder lines between substations A and C may lack the capacity to carry the entire load from the base's west side and may require reconfiguration as part of the overall system



LEGEND

- Electrical Line
- ➔ Electrical Line Entry Points



Source: NAS Moffett Field, Master Plan, Sept. 1985

Figure 2-24

Electrical Distribution  
NAS Moffett Field



reconfiguration. In addition, the NASA Ames site's street lighting cables, buried with lead sheathing, are deteriorating and are vulnerable to unauthorized excavation (NASA Ames Research Center 1993a).

**Steam Supply.** The station is served by two steam-generating plants that supply hot water and steam to 35 buildings through 10,000 feet of six-inch mains, 10,000 feet of four-inch condensate returns, and 5,000 feet of smaller lines (Figure 2-25). Hot water and heat are provided to buildings on the west side of the base by a steam generating plant housed in Building 10. This is the main boiler plant, which consists of two gas-fire tube, 30,000 pound-per-hour (pph) boilers (35.5 million BTU/hour). One is the main boiler and the other is a backup boiler used in times of high demand. The plant operates year-round. In 1986, Building 19 and Hangar 1 accounted for 40 percent of the demand on the Building 10 plant. Steam was originally produced at 100 psi; this has been dropped to 75 psi in 1993 as an energy conservation measure. The boiler system had a fuel oil backup system to replace the natural gas in case of emergency, but it is now disconnected. The water supplied to the boilers comes through two filter-bed-type softeners (NASA Ames Research Center 1993a).

The plant on the station's east side is housed in Building 55, between Hangars 2 and 3 and it is only run during the winter. It contains two 5,000-pph (5.9 million BTU/hour) boilers that serve Hangars 2 and 3 and several small buildings. The lines to and from the hangars run underground through tunnels. All insulation for this system is asbestos. It has a fuel oil backup system that is being removed. A new filter-bed-type softener was installed recently in Building 55.

**Natural Gas.** Gas is supplied independently to both sides of the runway by PG&E mains. The gas is used primarily for steam generation, hot water, and space heating.

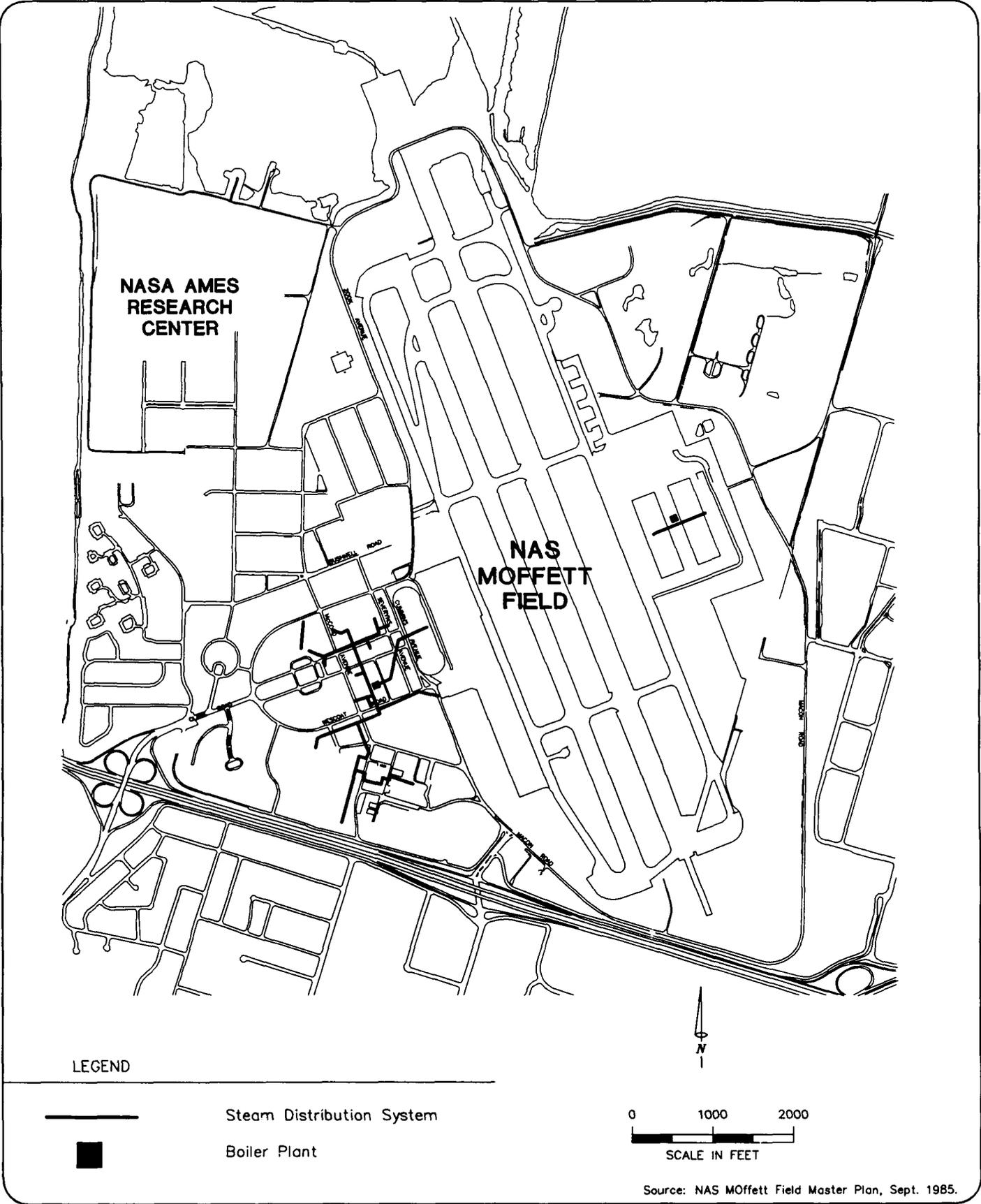
There are approximately 34,000 linear feet of cathodically protected gas pipeline on the base. The natural gas system is constructed of steel and plastic (U.S. Fish and Wildlife Service 1992). Gas is supplied to the base at 300 psi, lowered to around 15 psi at a pressure-reducing station located near the barracks in Buildings 148 through 156.

## **2.14 HAZARDOUS MATERIALS ISSUES**

All shore facilities must be assessed for environmental compliance on a triennial basis. The audit (comprehensive Environmental Compliance Evaluation [ECE]) consists of a comprehensive evaluation of all major environmental laws and regulations. The following sections describe known hazardous materials issues at the NAS Moffett Field (NAS Moffett Field 1989b).

### **2.14.1 INSTALLATION RESTORATION PROGRAM**

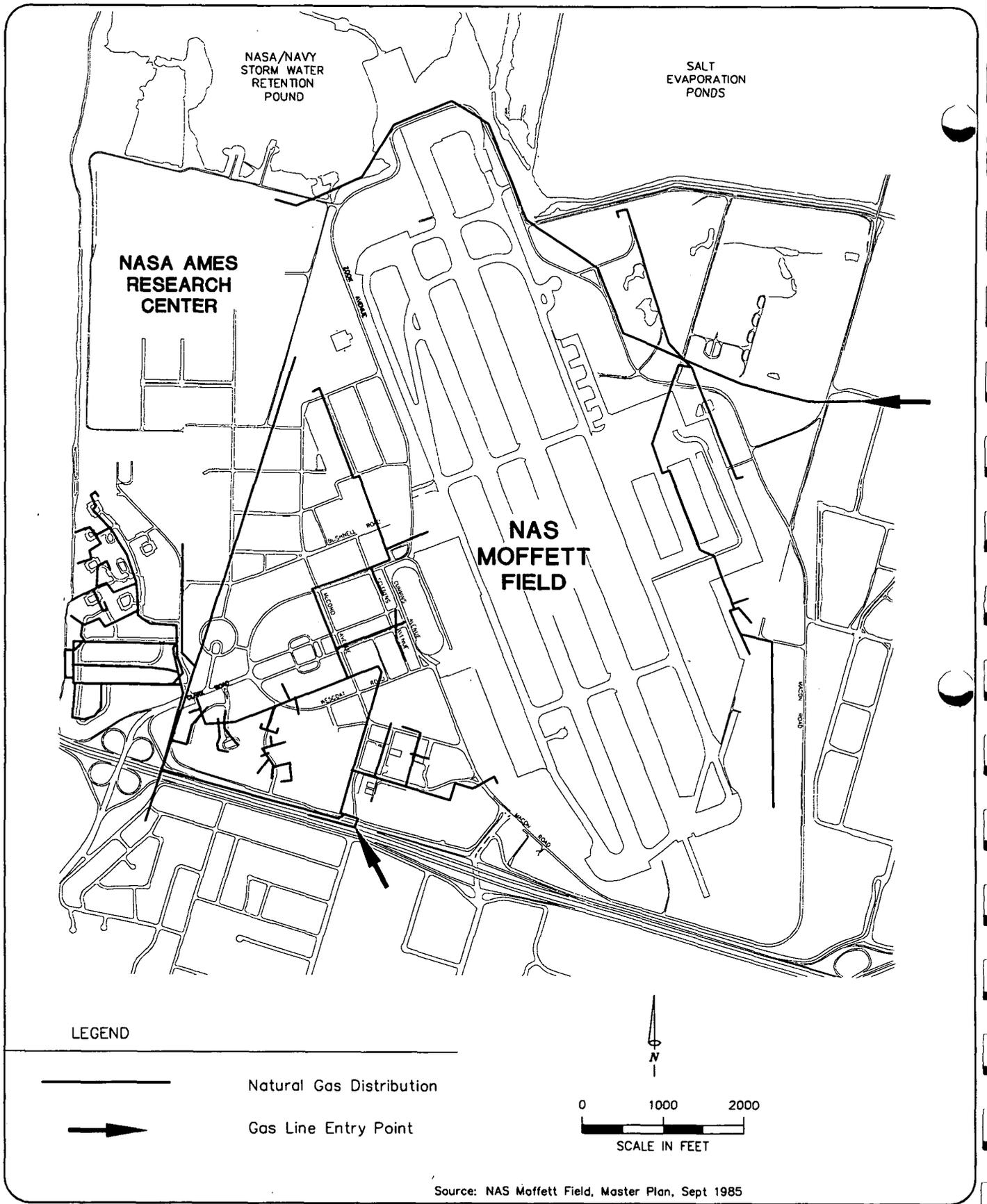
The Installation Restoration Program (IRP) was established by the Navy to evaluate, investigate, and remediate sites with ground water or soil contamination problems resulting from past hazardous waste management practices (NAS Moffett Field 1989b). The Navy is committed as a matter of policy to clean up all IRP sites to levels negotiated with regulatory agencies.



**Figure 2-25**

**Steam Line  
Distribution  
NAS Moffett Field**





**Figure 2-26**      **Natural Gas Distribution**  
**NAS Moffett Field**



The process of IRP site investigation and cleanup was established by the Defense Environmental Restoration Act (DERA). In 1986, with the passage of the Superfund Amendments and Reauthorization Act (SARA), the process of IRP site cleanup was officially correlated with that of Superfund site cleanup. The investigations are performed in the following discrete phases:

- Preliminary Assessment (PA)
- Site Investigation (SI)
- Remedial Investigation/Feasibility Study (RI/FS)
- Record of Decision (ROD)
- Remedial Design (RD)
- Remedial Action (RA)
- Mitigation and Monitoring (M&M)

NAS Moffett Field is in the process of conducting the RI/FS. The purpose of the RI is to determine the nature and extent of contamination and associated health and environmental risks; the FS reviews the technical, financial, and temporal characteristics of remedial technologies. The remedial investigation work has been completed for most of the sites and the feasibility studies are currently under way. The RI/FS must note interactions between contaminant and soil and ground water and document any variation in contaminant concentration across seasons or ground water regimes.

Once a remedial technology has been selected, it is documented in the signed ROD. The preparation of the ROD decision generally takes three to six months.

The RD phase is usually completed in less than a year. This consists of an engineering study that includes the technical specifications for installing the remedial technology. The RA phase usually takes up to two years and covers the actual construction and initial start-up procedures for the remediation. Also included are continued sampling and analyses to ensure that the procedures are working effectively. Finally, M&M can continue for as long as 10 years or until cleanup has been met.

#### **2.14.1.1 Site Descriptions**

Investigation began at NAS Moffett Field with an Initial Assessment Study (IAS) conducted in 1984 by the Naval Energy and Environmental Support Activity with the purpose of identifying and assessing sites that pose a potential threat to human health and the environment (NEESA 1984). This IAS identified nine sites that would require further investigation. A confirmation study was undertaken by Earth Science Associates in 1985 to investigate the nine sites. During June 1986, ERM-West and Aqua Resources identified active and inactive underground storage tanks (USTs). The number of potentially contaminated sites at NAS Moffett Field increased to 19 after completion of investigations of potential soil contamination near abandoned tanks and after leak testing of 26 active USTs was completed in 1987 (PRC 1992f). In 1989, a work plan was developed by IT Corporation. In 1992, PRC completed investigation of three additional sites: Zook Road Fuel Spill Site, Patrol Road ditch site, and the Northeast Golf course Landfill Site. Site 12 was expanded after additional contamination was found, and the excavated soils that were removed from Sites 15 and 19 were treated separately from the affected soils left in place at the sites themselves. These sites are shown in Figure 2-27.

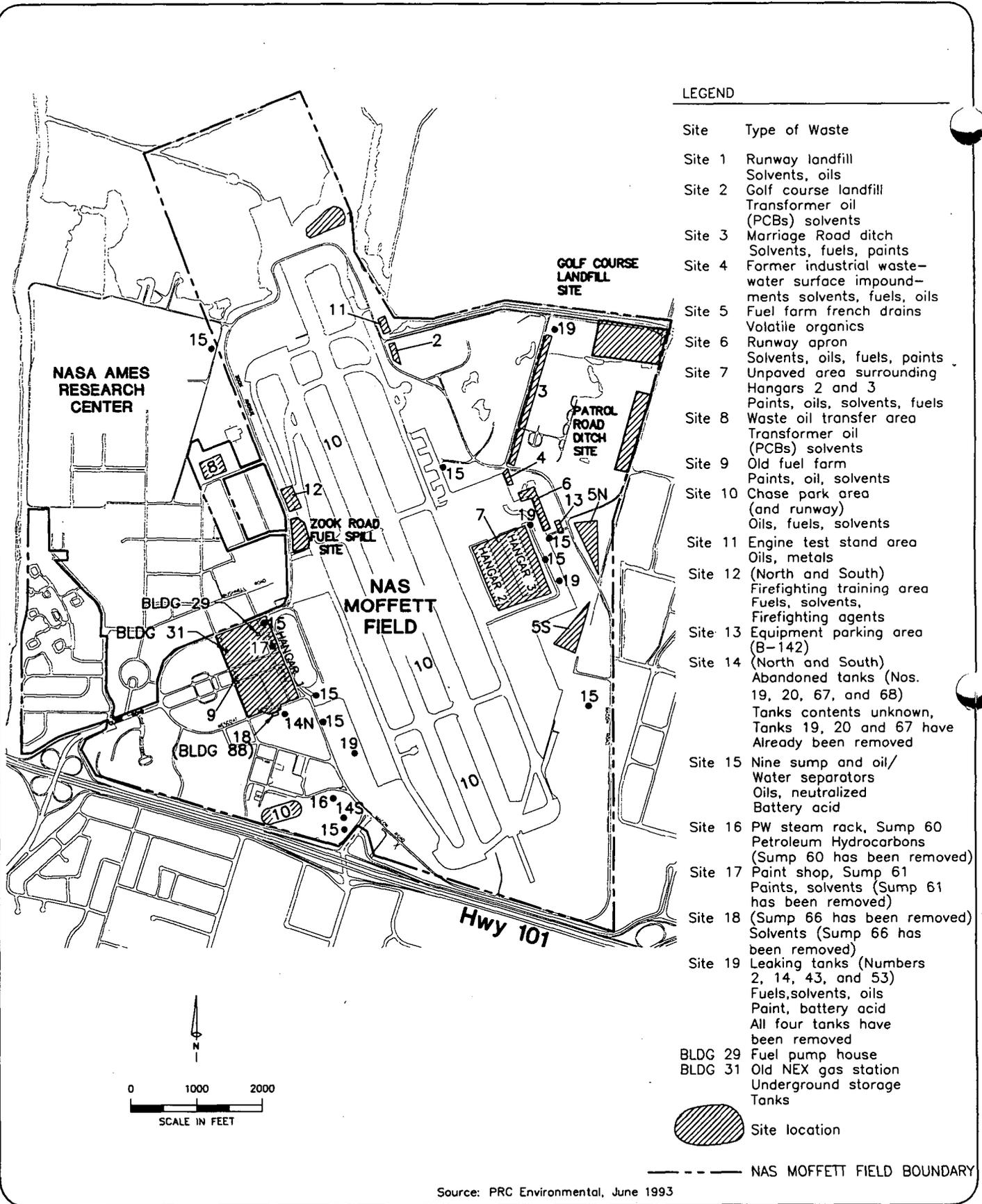


Figure 2-27

# Installation Restoration Program Sites NAS Moffett Field



NAS Moffett Field currently operates under a Federal Facilities Agreement in accordance with federal laws governing Superfund sites under the auspices of the U.S. EPA, RWQCB, and DTSC. The Remedial Investigation of the west side aquifers (formerly Operable Unit 4) was completed in August 1992 (IT 1992). OU4 was later removed from the OU program (see section 2.14.2 for more information). The RI for Landfill Sites 1 and 2 (Operable Unit 1) was completed in March 1993 (IT 1993a). The RI for Operative Unit 5 (east side aquifers) was completed in April 1993 (IT 1993b). The RI for Sites 3-11, 13, 14, and 16-19 soils (Operable Unit 2) was completed in May 1993 (IT 1993b). The investigations for the remaining sites are in progress.

**Site 1 - Runway Landfill.** The runway landfill covers approximately 14 acres at the northeastern end of NAS Moffett Field at the end of the runways between Zook Road and the Cargill Salt Company salt evaporation ponds. The landfill was operated from the early 1960s to the late 1970s (IT 1993a). Disposed materials include paint and thinners, solvents, lacquer, oil, fuel filters, and sawdust contaminated with transformer oil. The area is presently used for storage of traffic control devices. The RI for this area was completed in March 1993 (IT 1993a). The landfill was characterized for VOCs, BNAs, PCBs, and inorganics. BTEX compounds were the most commonly detected VOCs. Several BNAs were detected, with bis(2-ethylhexyl)phthalate and 4-methylphenol being the most prominent. PCBs were detected in both the landfill waste material and in three of the embankment samples collected northeast of the landfill. Inorganics are consistent with detected values throughout NAS Moffett Field (IT 1993a).

**Site 2 - Golf Course Landfill.** The golf course landfill is approximately seven acres, is located along the northeastern perimeter of the runway area, and is bordered by Patrol Road, Zook Road, Macon Road, and the missile magazine (Building 561). The landfill operated from the 1940s to the 1960s and is reported to have been used for the disposal of hazardous substances, including paint, thinners, solvents, lacquer, oil, fuel filters, and sawdust contaminated with transformer oil. The RI for this area was completed in March 1993 (IT 1993a). The field investigations conducted during the RI reported the detection of few VOCs. Only one BNA was detected in ground water; none were detected in the soils. PCBs were not detected in the surface water or sediment samples and appear to be confined to shallow depths at elevations of 0 to 1.5 feet below surface level in the south-central part of the landfill. Metals were detected at varying concentrations above background levels throughout the landfill material (IT 1993a).

**Site 3 - Marriage Road Ditch.** Site 3 is located east of the runway, dividing the golf course from the northern portion of NAS Moffett Field. The size of this site has not been defined in terms of acreage. It is estimated that approximately 150,000 to 750,000 gallons of volatile organic wastes, including solvents, fuels, detergents, paint strippers, and hydraulic fluids, were released into the ditch from adjacent properties. The primary contaminants are VOCs and include acetone, toluene, methylene chloride, and PCE. BNAs and other semivolatiles, JP-5 (TPHC), PCBs, and metals were detected above background levels. The RI for this area was completed in May 1993 (IT 1993c).

**Site 4 - Former Wastewater Holding Ponds.** The former wastewater holding ponds are located immediately south of the Marriage Road Ditch, south of Macon Road. This site is approximately two acres. Prior to closure, the unlined ponds received approximately 15 million gallons of wastewater from aircraft washing, equipment maintenance, and miscellaneous operations in Hangars 2 and 3. Wastes reportedly

included MEK, dry cleaning solvent, paint sludge, paint stripper, Freon-113, TCE, TCA, carbon remover, ethylene glycol, fuel, and oil. These wastes were discharged into the holding ponds either directly or as components of wastewater. Phase II site activities completed as part of the RI detected VOCs, BNAs, TPHC, PCBs, and metals above background levels. The most significant VOCs included total xylenes, chlorobenzene, toluene, and acetone. Significant concentrations of BNS included 1,2-Dichlorobenzene at 230,000 ppb. Concentration of JP-5 (TPHC) ranged from 15 to 6,760 ppm. Aloclor was detected in one Phase II sample. The RI for this area was completed in May 1993 (IT 1993b).

**Site 5 North and South - Fuel Farm Dry Wells and Bulk Tanks.** The main fuel farm is located east of Hangars 2 and 3 at Macon Road. The fuel farm, which is still the main storage facility at NAS Moffett Field, has contained the main fuel storage facilities since the 1950s. This site has been divided into Site 5 North and Site 5 South. Site 5 North is bordered by Macon Road, Patrol Road, and the golf course; Site 5 South is bordered by Macon Road on the east, runway aprons to the south and west, and Hangar 3 to the north. In the past, when tanks were drained, fuel and water were pumped into dry wells. Five dry wells have been located in the north fuel farm and three in the south fuel farm (Chuck, personal communication, 1994).

Site 5 North has four "cut and cover" storage tanks (Tanks 10-13) and four ASTs (Tanks 72-75). All eight tanks used to store JP-5 fuel. Site 5 South has eight underground storage tanks, one containing diesel fuel and one containing unleaded gasoline. The remaining six tanks at one time contained jet fuel but are not in service. A testing program is currently in progress.

Based on investigations conducted as part of the RI, the primary sources of contamination were reported to be Fuel Tank 12 in the northern area, Tank 26, piping, and tanks associated with the operating fuel station (IT 1993c). However, other sources state that the primary source of contamination appears to be the result of practices associated with the dry wells and that the data is inconclusive that Tank 12 is a source of contamination.

Tank 26 was removed in June 1991. JP-5 (TPHC) was detected on the west wall of the tank pit as motor oil and grease, and free-phase hydrocarbons were observed in the Tank 26 pit during removal activities (IT 1993c). PCBs were also detected in one Phase II soil boring, at concentrations ranging from 100 to 210 ppb.

Eight VOCs were detected at Site 5 with concentrations ranging from 1 to 2,700 ppb. Acetone was the predominant volatile organic constituent with elevated concentrations at three areas of the site. The other volatile organics were either limited in area or had relatively low concentrations (IT 1993c). Seven BNAs, 13 metals, and TPHC were also detected above background concentrations. The RI for this area was completed in May 1993 (IT 1993c).

**Site 6 - Runway Apron.** The Runway Apron disposal site is located northeast of Hangar 3 and south of the former wastewater holding ponds (Site 4). The site received waste from aircraft maintenance, including solvents, oils, paints, and paint strippers. The site, formerly a gravel area, was paved in 1979 and is now a facility parking lot. VOCs, BNSs, TPHC and metals were detected above background concentrations at this site.

PCBs were not detected at Site 6. The RI for this area was completed in May 1993 (IT 1993c).

**Site 7 - Hangars 2 and 3.** Site 7 includes Hangars 2 and 3 and the surrounding paved area. Sources of contamination from this area are from spilled fuel and lubricant from aircraft and ground support vehicles (IT 1993c). Additionally, shop chemicals (chlorinated solvents, including TCE) were disposed of at unpaved areas around the hangars. Underground storage tanks 2 and 43 may have also contributed to Site 7 soil contamination (IT 1993c). Detected contaminants in ground water at Site 7 include seven VOCs (only acetone and toluene were of concern), one BNA, TPHC, and nine metals. The RI for this area was completed in May 1993 (IT 1993c).

**Site 8 - Waste Oil Bowser.** The Waste Oil Bowser area is located on the west side of the runway near Building 127, between Zook Road and McCord Avenue. The probable sources of contamination in the soil and ground water at this site are from spills resulting from the transfer of waste oil, solvents, and transformer oil. The site consisted of a sump connected to a 5,000-gallon waste oil tank. The significant VOCs detected in ground water at Site 8 include acetone, methylene chloride, xylenes, 2-butanone, and carbon disulfide. Nine BNAs and 13 metals were detected above background levels and are stated in the RI as being of concern. No PCBs were detected at Site 8. The RI for this area was completed in May 1993 (IT 1993b).

**Site 9 - Old Fuel Farm and Old NEX Gas Station.** Site 9 is located on the west side of the runway, immediately west of Hangar 1. The site was used for fuel storage from the 1940s until 1964. A total of 13 storage tanks were associated with the Old Fuel Farm (Tanks 47-50, 79-84, 97, 98 and 99) and were all removed in July 1993. Aviation gas was stored in six underground 10,000-gallon steel tanks adjacent to Building 29 (Tanks 79, 80, 81, 82, 83, and 84). This area is now the parking lot for Building 12. Also in this area were four inactive 25,000-gallon AVGAS USTs (Tanks 47, 48, 49, and 50) and a 25,000-gallon aboveground tank at Building 29 (Tank 52, which has been removed). A 500-gallon waste oil tank (Tank 56a) and three 10,000-gallon USTs (Tanks 56B, 56C, and 56D) used to fuel motor vehicles were located near Building 31, the old NEX gas station. These tanks were excavated in 1991 and the RI for this site was completed in May 1993. Field investigations conducted in support of the RI indicated that soil was contaminated with VOCs, BNAs, TPHC, and metals. Ground water is contaminated with VOCs (25 above 25 ppm) and BNAs. The ground water contamination in this area could be attributed to the regional ground water plume. PCBs were not detected at Site 9 (IT 1993c).

**Site 10 - Chase Park Area and Runway.** Site 10 encompasses the runway and Chase Park, which is located north of Highway 101 and south of Patrol Road. The primary source of potential soil contamination is the runway precipitation runoff that may carry spilled fuels and lubricants to the surrounding ditches and drains. Ground water in the area is known to contain chlorinated VOCs from the upgradient MEW site. The RI for this area was completed in May 1993 (IT 1993c). The field investigations completed in support of the RI indicate the presence of VOCs, BNAs, and TPHC in the soils in the area. PCBs were not detected at Site 10. Nine inorganic compounds exceeded background levels (IT 1993c).

**Site 11 - Engine Test Stand Area.** The Engine Test Stand Area is located approximately 500 feet north of the intersection of Patrol and Zook Roads and lies between the eastern edge of the runway and Devil's Slough. The site, which was used for testing turbine engines, is fenced and covered by a concrete and asphalt pad approximately 200 by 200 feet. The primary source of contamination is runoff from precipitation and hydraulic cleaning of the slab, which drains to a grassy area to the south. The RI for this area was completed in 1993 (IT 1993c). Field work conducted in support of the RI indicates the presence of VOCs (principally methylene chloride), BNAs (principally Bis(2-ethylhexyl)phthalate), TPHC, and inorganics. No PCBs were detected at Site 11.

**Site 12 - Fire Fighting Training Area.** The Fire Fighting Training Area is located next to the northwest edge of the runway, north of Hangar 1. The site consists of a bermed pit that had been used from the 1950s to 1990 to train fire fighters. Before its removal in 1991, a 5,000-gallon aboveground fuel tank containing waste fuel was located 120 feet north of the pit. The JP-4, JP-5, and diesel fuel and other chemicals and solvents would be pumped into the pit and set on fire as a training aid to fire fighters. Fire fighting chemicals applied to the fires included bromochlorodifluoromethane, potassium bicarbonate, and aqueous film-forming foam. As a source control measure, soil from the area was removed by the Navy (Chuck, personal communication 1994). In a previous investigation, the presence of five VOCs, 14 BNAs, TPHC, oil and grease, and 19 metals were detected. Ground water was found to have detectable concentrations of VOCs and metals (PRC 1990a). The RI for this area is scheduled to be completed in March 1994.

**Site 13 - Equipment Parking Area.** The Equipment Parking Area is a concrete and asphalt support vehicle parking lot that covers approximately 7,500 square feet and is located between the northeast side of Building 142 and Macon Road. Fuel and lubricant spills and equipment washing wastewater were flushed into a surface drainage ditch adjacent to the parking area. The ditch flows into a main north-south storm drain. Sump 63, located southwest of Building 142, contains stripping and vehicle steam cleaning wastes. The RI for this area was completed in 1993 (IT 1993c). Fieldwork completed in support of the RI indicates the presence of three VOCs, two BNAs, TPHC, and 11 metals.

**Site 14 North - Tanks 67 and 68.** Tanks 67 and 68 were located on the southwest corner of Wescoat Road and Severyns Avenue between Building 88 and the existing NEX gas station. Before its removal in May 1990, Tank 67 stored fuel oil for the boiler in Building 88. Tank 68, which was closed in place, was reportedly a 2,000-gallon UST to store waste solvents. The RI for this area was completed in May 1993 (IT 1993c). Field work conducted in support of the RI included 19 soil samples, indicating the presence of three VOCs, two BNAs, and TPHC. VOCs detected included 1,2-DCE, TCE, and toluene, with concentrations ranging from 2 to 100 ppb. Any Site 14 North contamination will be addressed when Building 88 is razed and when work commences at OU-2.

**Site 14 South - Tanks 19 and 20.** Tanks 19 and 20 were located on the corner of Macon Road and South Gate in the Vehicle Ready Fuel Storage Area. Before removal, the 5,000-gallon tanks contained unleaded vehicle fuel. Field activities conducted in support of the RI include the emplacement of six monitoring wells and the collection of three soil borings. Six VOCs were detected in the area of Tanks 19 and 20 and acetone

was the most frequently detected compound. Other VOCs detected included toluene, 2-butanone, 1,1,1-TCA, and PCE. Four BNAs were also detected with bis(2-ethylhexyl)phthalate being the most common. Fourteen metals were detected above background concentrations; TPHC and PCBs were not detected. The source control measure at Site 14 South is a ground water extraction system (Chuck, personal communication 1994). The RI for this area was completed in May 1993 (IT 1993b).

**Site 15 - Sumps and Separators 25, 42, 54, 58, 59, 62, 63, 64, and 65.** Site 15 is a collection of sumps and separators that are located throughout NAS Moffett Field. These were installed to temporarily store waste that was scheduled for removal and to remove sediment or oil from waste streams before its discharge into the sanitary sewer system. The information on the sumps is summarized in Table 2-10. Because monitoring wells were installed at adjacent sites during Phase I and Phase II activities, there were no Site 15 monitoring wells installed and ground water at each sump was not analyzed. Soil analyses will be performed during RI activities adjacent to each structure. The RI for the soils at Site 15 is scheduled to be completed in 1994.

**Site 16 - Public Works Steam Cleaning Rack Sump 60.** Sump 60 was an oil/water separator located in the Public Works Vehicle Yard approximately 50 feet west of the northwest side of Building 146. Vehicle wash water runoff was collected into two catch basins that emptied into the sump. Floating product was transferred to a 250-gallon tank west of the sump. The sump, concrete vault, catch basins, and all associated piping were removed in October 1990. The RI for this area was completed in May 1993 (IT 1993b). Field work conducted in support of the RI indicated the presence of VOCs, BNAs, TPHC, and metals in the soil. Toluene was the most frequently detected VOC ranging in concentration from 3 to 440 ppb. The only other VOC detected was TCE with concentrations ranging from 2 to 6 ppb. Trichlorobenzene was the only BNA detected at a concentration of 410 ppb. TPHC was detected at concentrations ranging from 52 to 480 ppm. Ten metals were detected above the background level.

**Site 17 - Paint Shop Sump Pump 61.** The Public Works Paint Shop is located in Building 45, on the corner of Severyns Avenue and North Acron Road. The site has been a paint shop since the late 1930s (IT 1993b) and has been used by the Navy as a hazardous materials central storage location since November 1992. The primary source of contamination was a concrete sump (Sump 61) located on the north side of the building. The sump received wastes from the paint shop and from Hangar 1. Wastes from the paint shop have included oil- and latex-based paints, thinners, toluene, and turpentine; wastes from Hangar 1 are not known. Sump 61 was removed by the Navy in October 1990. The only VOCs detected in excavation samples from beneath the sump were toluene and total xylenes. Toluene was detected in both excavation samples at concentrations of 36 ppb and 23 ppb, while xylene was detected in one excavation sample at 9 ppb. Analysis of the liquid from within the sump indicated that the organics present were almost entirely BTEX. Bis(2-ethylhexyl)phthalate, the only BNA detected, was found in one well boring. Sump 61 is not considered a source of inorganic contamination and there is no indication that site-related (inorganic) contamination exists (IT 1993b).

**Site 18 - Dry Cleaner Sump 66.** Sump 66 is located on the north side of Building 88. Previous field investigations revealed that the sump was cracked and the soil was contaminated with solvents. Sump 66 was removed in May 1990. The RI of this area was completed in May 1993 (IT 1993b). Field activities for the RI indicated that the soils

above the water table were contaminated with VOCs, BNAs, and TPHC. The primary VOCs were TCE, 1,2-DCE, and PCE. Two BNA were detected, Bis(2-ethylhexyl)phthalate and 4-chloroaniline, at concentrations ranging from 76 to 600 ppb. TPHC was detected in all three sump excavation samples ranging from 36 to 63 ppm. No PCBs were detected in the monitoring well or soil samples. Metals analysis was not conducted.

**Site 19 - Tanks 2, 14, 43, and 53.** Site 19 consists of four underground storage tanks: Tanks 2, 14, 43, and 53. Tanks 2 and 43 were located on the east side and northeast corner of Hangar 3, respectively. Tank 2 had a capacity of 2,000 gallons and was a hazardous waste storage tank for wastes from the Power Plant Shop located in Hangar 3. Tank 43 was a 2,000-gallon hazardous waste collection and storage tank used to collect rinse water from engine cleaning racks, drains, and sinks in Hangar 3. Tank 14 was located approximately 10 feet south of Building 158 and approximately 400 feet east of the intersection of Cody and Macon Roads. It was a 1,100-gallon, unvented, standby diesel tank for a backup generator in Building 158. Tank 53 was located in the maintenance yard that surrounds Buildings 367 and 399. Tank 53 stored unleaded gasoline for the golf course physical plant. Contaminants associated with Site 19 include VOCs and TPHC. All four tanks were removed in May 1990. The RI for this site was completed in 1993 (IT 1993b).

**Zook Road Fuel Spill Site.** The Zook Road Fuel Spill Site is located approximately 750 feet north of the NASA fuel farm. The contamination of the Zook Road Fuel Spill Site resulted from spills from aboveground storage tanks that stored off-specification aircraft fuels. Field work conducted in 1992 indicate the presence of petroleum hydrocarbons, including kerosene, motor oil, and diesel. Ground water samples collected in February 1992 did not detect the presence of any organic compounds (PRC 1992e).

**Patrol Road Ditch Site.** The Patrol Road Ditch Site is a surface drainage feature that carries a portion of the surface stormwater flow from the eastern side of NAS Moffett Field and from the Fuel Farm (Site 5). The ditch also receives stormwater from the eastern side of NAS Moffett Field. The Patrol Road Ditch was reportedly used for the disposal of waste fluids, including motor oil, transmission fluid, and hydraulic fluids. Results of field work conducted in this area were published in December 1992 (PRC 1992e). Three soil borings were drilled and the soils were analyzed for VOCs, SVOCs, metals and TPH. VOCs, TPH and SVOCs were detected. Nine metals were also detected above background levels (PRC 1992e).

**Golf Course Landfill Site.** The Golf Course Landfill Site is located between Patrol and Marriage Roads on the north side of the golf course. Investigations of this area were conducted in 1992 by PRC and detected VOCs, SVOCs, pesticides, PCBs, and metals above background concentrations.

#### **2.14.1.2 Operable Units**

To expedite investigation and cleanup activities at NAS Moffett Field, the 19 established IRP sites were further grouped into six operable units (OUs) based on similar physiographic settings. OUs were also separated by soil and ground water to delineate between the different investigative processes for each matrix. The OU designations were established in December 1991 in a Federal Facility Agreement (FFA) between the U.S. EPA, the California Department of Toxic Substances Control, the California Regional

Water Quality Board, and NAS Moffett Field. Under the OU Program, each OU was scheduled to proceed on an independent schedule through the remedial investigation/Feasibility Study (RI/FS) stages to a Record of Decision specific to that OU.

The six operable units (OU) and their respective completion schedules were defined as:

- OU1 - Soils at Sites 1 and 2  
Final RI/FS Report: 10/04/91  
Final ROD: 6/15/94
- OU2 - Soils at east side Sites 3-7, 10, 11, 13, and 19  
Soils at west side Sites 8-10, 14, and 16-19  
Final RI/FS Report: 3/01/93  
Final ROD: 11/15/93
- OU3 - Soils at Sites 12 and 15  
Final RI/FS: 3/01/94  
Final ROD: 11/15/94
- OU4 - Ground water located on the west side of NAS Moffett Field  
Final RI/FS: 1/04/93  
Final ROD: 9/13/93
- OU5 - Ground water located on the east side of NAS Moffett Field  
Final RI/FS: 3/01/94  
Final ROD: 11/17/94
- OU6 - Wetland area adjacent to NAS Moffett Field  
Final RI/FS: 1/01/95  
Final ROD: 9/15/95.

In October 1992, subsequent to the completion of the Draft RI Reports for OUs 2 and 4, the EPA and the Navy determined that the west side aquifers (OU4) and several OU2 sites were previously addressed in the 1989 ROD for the Middlefield-Ellis-Whisman (MEW) Study Area. Operable Unit 4 was thus removed from the OU Program and the current OU4 RI information was placed in the "West Side Ground Water Site Characterization Report" (IT 1993c). In addition, Sites 5, 9, and 19 were removed from OU2 because they are petroleum-contaminated sites and are excluded from CERCLA. OU2 sites overlying the MEW plume were grouped into OU2-West; the remaining OU2 sites were combined into OU2-East. Operable Unit 3 has been removed from the OU Program as well, pursuant to the petroleum exclusion under CERCLA (Boeing Aerospace Operations, Inc. 1993d). Sites 12 and 15 (OU3) are now grouped with Sites 5, 9, and 19 in the "Petroleum Contaminated Soils Characterization Report" (Garibaldi, personal communication 1993).

The current OUs and Characterization Reports at NAS Moffett Field are defined as:

- OU1 - Soils at Sites 1 and 2

- OU2 - Soils at east side Sites 3, 4, 6-8, 10, 11, and 13 (OU-2 East)  
Soils at west side Sites 8, 10, 14, and 16-18 (OU-2 West)
- OU5 - Ground water located on the east side of NAS Moffett Field
- OU6 - Wetland area adjacent to NAS Moffett Field
- West Side Ground Water Site Characterization Report - Ground water located on the west side of NAS Moffett Field
- Petroleum Contaminated Soils Characterization Report - Soils at Sites 5, 9, 12, 15, and 19.

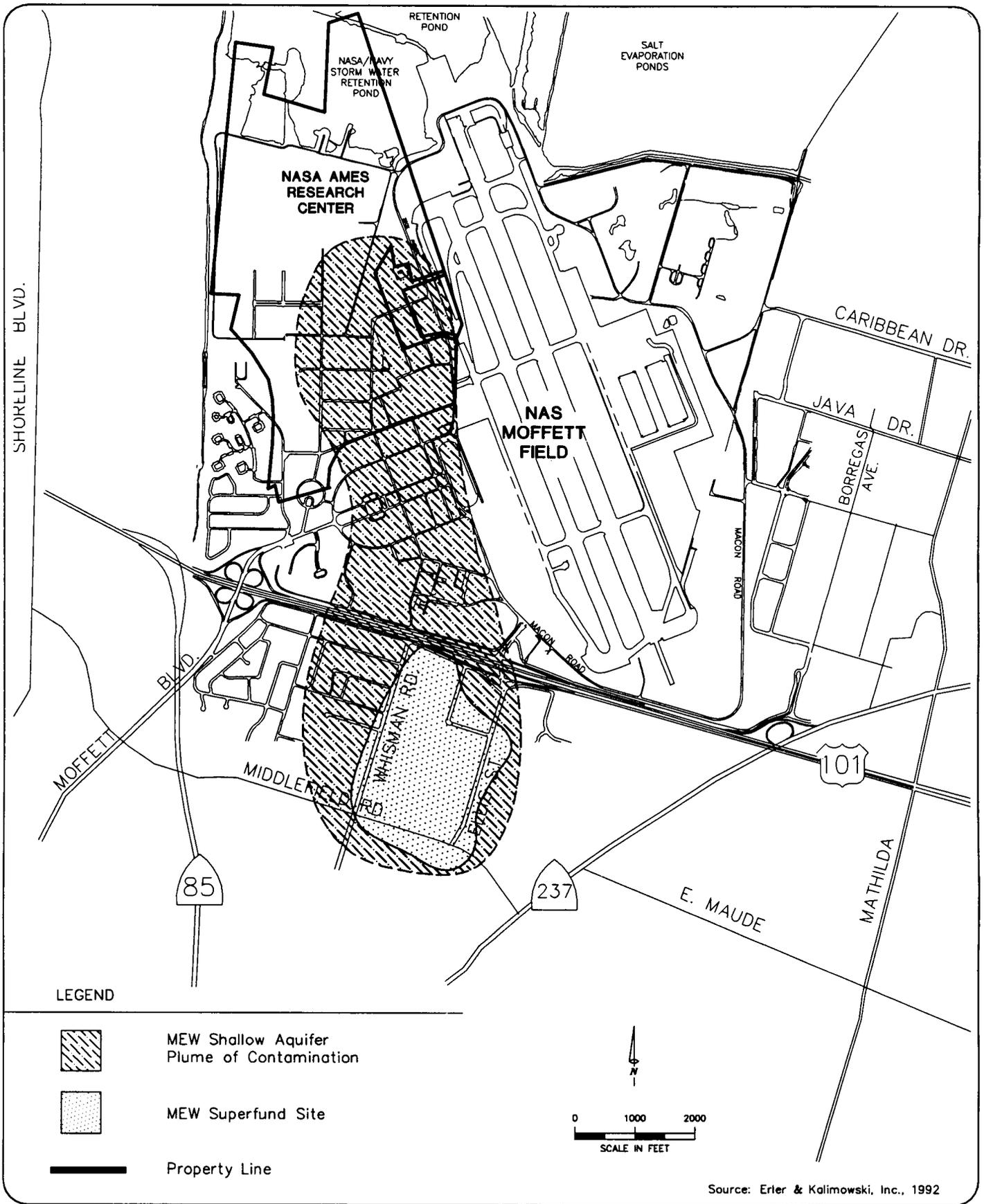
This revised Federal Facility Agreement for the Modified OU classification has not yet been finalized (IT 1993c).

#### **2.14.2 OFFSITE CONTAMINATION**

***Middlefield-Ellis-Whisman (MEW) Superfund Site.*** The MEW Superfund Site is recognized as the Local Study Area (LSA) within a much larger Regional Study Area (RSA) in Mountain View, California. The MEW RSA covers approximately eight square miles bounded by El Camino Real on the south, San Francisco Bay on the north, Mathilda Avenue on the east, and Stevens Creek on the west. The MEW LSA covers a half square mile area bounded by Whisman Avenue, East Middlefield Road, Ellis Street, and the Bayshore Freeway within the RSA (shown in Figure 2-28). The RSA boundaries were selected to allow for a thorough evaluation of the hydrogeologic system within the LSA and to determine the extent to which other upgradient activities may affect chemicals emanating from the MEW LSA (URS Consultants 1991).

Approximately 20 companies own or operate facilities within the MEW LSA, including the three MEW Superfund companies: Fairchild Semiconductor Corporation, Intel Corporation, and Raytheon Company (Erler & Kalimowski, Inc. 1992). The MEW companies have been involved in the manufacturing of silicon chips, semiconductors, metal finishing operations, parts cleaning, aircraft maintenance, aerospace research and development, and missile construction. Many of these activities require the use of a variety of chlorinated organic solvents that are stored in raw and waste forms at facilities located in the MEW Superfund Site. Soil and ground water analyses of the MEW RSA conducted during the RI have confirmed more than seventy chemicals that are products of MEW company activity. TCE and TCA, two VOCs of concern, are the most frequently detected (PRC 1992a).

The MEW companies have completed the RI/FS process as required by EPA Consent Order 85-03 in accordance with regulations set by the National Contingency Plan, 40 CFR Sect. 300 (1986), and the Superfund Amendments and Reauthorization Act (SARA) of 1986 (Tetra Tech 1990). Currently, the MEW companies are conducting remedial design and remedial action (RD/RA) activities per an administrative order by the EPA. The final remedial design prepared by the MEW companies for the portion of the regional plume north of US Highway 101 was completed in March 1994 (Canonie 1994).



**Figure 2-28**

**MEW Superfund Site and  
Plume of Contamination  
NAS Moffett Field**



NAS Moffett Field has been listed as a Potentially Responsible Party (PRP) for contamination associated with downgradient portions of the MEW plume. The MEW plume is estimated to extend approximately three-quarters of a mile north of the Bayshore Freeway beneath NAS Moffett Field (Tetra Tech 1990). According to the interagency agreement, NAS Moffett Field, though named a PRP to the MEW plume, can pursue an investigation of its contribution to the plume by completing independent RI/FS activities (Tetra Tech 1990).

**National Aeronautics and Space Administration - Ames Research Center.** As part of the RI/FS process at NASA Ames Research Center, nine soil borings and three ground water monitoring wells were installed in July 1991 by Riedel Environmental Services (PRC 1992a).

The ground water elevation tests and the soil and ground water analyses for the area confirm ground water contamination upgradient of NASA (Montgomery 1992a). The two upgradient sources of contamination beneath NASA (NAS Moffett Field and MEW companies) are conducting independent RI/FSs for their respective areas. The MEW companies have contributed to a plume of contamination that extends approximately 4,000 feet north in the shallow aquifer beneath NAS Moffett Field and NASA (Boeing Aerospace Operations, Inc. 1993d).

A spill of several thousand gallons of JP-5 jet fuel occurred at NASA in May 1992. This resulting contamination is currently being remediated (Fisher, personal communication 1994).

**Lockheed Missiles and Space Company.** Several sites at Lockheed Missiles and Space Company (LMSC) adjacent to the eastern boundary of NAS Moffett Field have been investigated in the past for soil and ground water contamination. Although LMSC is upgradient of NAS Moffett Field, Navy personnel have not reported contamination from background LMSC sources (Tetra Tech 1990). Since LMSC is not currently contributing to contaminant levels at NAS Moffett Field, it is not addressed in the BER. The possibility of a LMSC contamination plume migrating beneath NAS Moffett Field in the future remains.

### **2.14.3 TANKS, OIL/WATER SEPARATORS, AND SUMPS**

Tables 2-8 through 2-10 identify and briefly describe the current status, volume, and contents of USTs, ASTs, sumps, and oil/water separators. Four tanks that were previously numbered but that did not actually exist (tanks 27, 51, 65, and 112) are not included on these tables. A total of 150 sites were identified, including:

- 87 underground storage tanks
- 41 aboveground storage tanks
- 10 sumps

.LE 2-8  
**UNDERGROUND STORAGE TANK SUMMARY**  
**NAS MOFFETT FIELD**

Tank No.	IRP Site No.	Years in Place	Capacity in gallons	Construction Material	Contents	Location	Map (Grid Coordinates)	Status	Site Investigation Project
1	9	1941 - 1991	2,000	Steel	Fuel Oil	Bldg. 10	29-S	Removed 06/01/91	IRP Petroleum Site Characterization
2	19	1979 - 1990	2,000	Steel	Waste Fuel	Hangar 3	19-Y	Removed 05/11/90	IRP Petroleum Site Characterization
3	7	1980 - Present	10,000	Fiberglass	Fuel Oil	Bldg. 55	20-X	Abandoned	To be removed
4	5	1941 - Present	50,000	Concrete	Diesel	S. Fuel Farm	18-V	Active	Will be taken out of operation when current supply is exhausted. Tank is permitted and has leak detection equipment. Will not be tested.
5	5	1941 - Present	50,000	Concrete	JP-5	S. Fuel Farm	18-V	Abandoned	
6	5	1941 - Present	25,000	Concrete	JP-5	S. Fuel Farm	17-V	Inactive	
7	5	1941 - Present	25,000	Concrete	Unleaded Gasoline	S. Fuel Farm	17-V	Active	Will be taken out of operation when current supply is exhausted. Tank is permitted and has leak detection equipment. Will not be tested.
8	5	1953 - Present	150,000	Concrete	JP-5	S. Fuel Farm	17-V	Abandoned	
9	5	1953 - Present	150,000	Concrete	JP-5	S. Fuel Farm	17-V	Abandoned	
10	5	1953 - Present	567,000	Steel	JP-5	N. Fuel Farm	17-Y	Active	Tank is permitted and is being leak tested.
11	5	1953 - Present	567,000	Steel	JP-5	N. Fuel Farm	17-Y	Active	Tank is permitted and is being leak tested.
12	5	1953 - Present	567,000	Steel	JP-5	N. Fuel Farm	17-Y	Active	Tank is permitted and is being leak tested.
13	5	1953 - Present	567,000	Steel	JP-5	N. Fuel Farm	17-Z	Active	Tank is permitted and is being leak tested.
14	19	Unknown - 1990	1,100	Steel	Diesel	Bldg. 158	26-Q	Removed 05/11/90	IRP Petroleum Site Characterization.
15	10	Unknown - 1992	1,000	Steel	Diesel	Bldg. 252	26-AA	Removed 12/18/92	Under investigation.
16	--	1957 - Present	105,000	Steel	JP-5	High Speed Fuel	21-BB	Active	Scheduled to be leak tested. Tank is permitted.

**TABLE 2-8 (Continued)  
UNDERGROUND STORAGE TANK SUMMARY  
NAS MOFFETT FIELD**

2-78

Tank No.	IRP Site No.	Years in Place	Capacity in gallons	Construction Material	Contents	Location	Map (Grid Coordinates)	Status	Site Investigation Project
17	--	1957 - 1993	4,200	Concrete and Steel	Contaminated JP-5	High Speed Fuel	21-BB	Removed 07/02/93	Under investigation (CTO 267).
18	--	Unknown - Present	935	Steel	Diesel	Bldg. 300	18-T	Inactive	Scheduled to be removed.
19	14	1953 - 1986	5,000	Steel	Gasoline	Transportation	26-N	Removed: 10/01/86	Investigation ongoing under IRP Site 14S.
20	14	1953 - 1986	5,000	Steel	Diesel	Transportation	26-N	Removed: 10/01/86	Investigation ongoing under IRP Site 14S.
21	--	Unknown - Present	1,000	Steel	Diesel	Bldg. 454	24-M	Inactive	Scheduled to be removed.
22	--	Unknown - 1992	600	Steel	Diesel	Bldg. 484	22-GG	Removed 12/18/92	Under investigation (CTO 267).
26	5	1977 - 1991	10,000	Fiberglass	Waste Oil	N. Fuel Farm	16-Y	Removed 06/01/91	IRP Petroleum Site Characterization
28	--	1977 - 1991	150	Steel	Diesel	Bldg. 563	9-00	Removed 06/01/91	Under investigation (CTO 267).
29	--	1983 - 1993	4,000	Fiberglass	Diesel	Bldg. 105	27-W	Removed 12/10/93	This was replaced by AST Tank 134.
30	--	1984 - 1992	4,000	Steel	Never Used	E. of Fuel Farm	16-Z	Removed 12/18/92	IRP Petroleum Site Characterization
31	--	1984 - 1992	4,000	Steel	Never Used	E. of Fuel Farm	16-Z	Removed 12/18/92	IRP Petroleum Site Characterization
32	9	Unknown - Present	5,000	Steel	Diesel	Bldg. 10	29-S	Inactive	Scheduled to be removed.
33	--	1965 - 1990	10,000	Steel	Unleaded Gasoline	NEX Serv. Sta.	27-R	Removed 10/11/90	NEX Site Investigation
34	--	1965 - 1990	10,000	Steel	Unleaded Gasoline	NEX Serv. Sta.	27-R	Removed 10/11/90	NEX Site Investigation
35	--	1965 - 1990	10,000	Steel	Unleaded Gasoline	NEX Serv. Sta.	27-R	Removed 10/11/90	NEX Site Investigation
36	--	1965 - 1990	10,000	Steel	Unleaded Gasoline	NEX Serv. Sta.	27-R	Removed 10/11/90	NEX Site Investigation

TABLE 2-8 (Continued)  
 UNDERGROUND STORAGE TANK SUMMARY  
 NAS MOFFETT FIELD

Tank No.	IRP Site No.	Years in Place	Capacity in gallons	Construction Material	Contents	Location	Map (Grid Coordinates)	Status	Site Investigation Project
37	--	1973 - 1992	12,000	Fiberglass	Unleaded Gasoline	NEX Serv. Sta.	27-S	Removed 12/18/92	Added to NEX Site Investigation
38	--	1973 - 1992	12,000	Fiberglass	Unleaded Gasoline	NEX Serv. Sta.	27-S	Removed 12/18/92	Added to NEX Site Investigation
39	--	1973 - 1992	12,000	Fiberglass	Unleaded Gasoline	NEX Serv. Sta.	27-S	Removed 12/18/92	Added to NEX Site Investigation
40	--	1973 - 1993	12,000	Fiberglass	Unleaded Gasoline	NEX Serv. Sta.	27-S	Removed 05/06/93	Added to NEX Site Investigation
41A	--	1965 - 1991	550	Steel	Waste Oil	Nex Serv. Sta.	27-R	Removed 06/01/91	Under Investigation (CTO 267)
43	19	1979 - 1990	2,000	Steel	Waste Fuels	Hangar 3	19-Z	Removed 05/11/90	IRP Petroleum Site Characterization
44	--	1979 - Present	1,000	Fiberglass	Diesel	Bldg. 680	17-O	Active	This tank is permitted and is equipped with leak detection equipment. The tank is owned and operated by the Air National Guard.
45	--	1979 - Present	2,000	Fiberglass	Diesel	Bldg. 681	16-P	Active	This tank is permitted and is equipped with leak detection equipment. The tank is owned and operated by the Air National Guard.
46	--	1979 - Present	1,000	Fiberglass	Diesel	Bldg. 683	16-N	Active	This tank is permitted and is equipped with leak detection equipment. The tank is owned and operated by the Air National Guard.
47	--	1941 - 1993	25,000	Steel	AVGAS	Bldg. 29	29-U	Removed 07/15/93	IRP Site 9
48	9	1941 - 1993	25,000	Steel	AVGAS	Bldg. 29	29-U	Removed 07/15/93	IRP Site 9
49	9	1941 - 1993	25,000	Steel	AVGAS	Bldg. 29	29-U	Removed 07/15/93	IRP Site 9
50	9	1941 - 1993	25,000	Steel	AVGAS	Bldg. 29	29-U	Removed 07/15/93	IRP Site 9
53	19	Unknown - 1990	500	Steel	Gasoline	Bldg. 399	18-GG	Removed 05/11/90	IRP Petroleum Site Characterization
54	15	Unknown - 1992	1,500	Steel	Waste Water	Hangar 3	19-X	Removed 12/18/92	
55	10	Unknown	200	Steel	Diesel	Bldg. 461	24-V	Removed: Date unknown	Under Investigation (CTO 267)

**TABLE 2-8 (Continued)  
UNDERGROUND STORAGE TANK SUMMARY  
NAS MOFFETT FIELD**

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Tank No.	IRP Site No.	Years in Place	Capacity in gallons	Construction Material	Contents	Location	Map (Grid Coordinates)	Status	Site Investigation Project
56A	9	1933 - 1990	500	Steel	Waste Oil	Bldg. 31	30-U	Removed 10/09/90	IRP Petroleum Site Characterization
56B	9	1933 - 1990	8,750	Steel	Gasoline	Bldg. 31	30-U	Removed 10/09/90	IRP Petroleum Site Characterization
56C	9	1933 - 1990	10,000	Steel	Gasoline	Bldg. 31	30-U	Removed 10/09/90	IRP Petroleum Site Characterization
56D	9	1933 - 1990	10,000	Steel	Gasoline	Bldg. 31	30-U	Removed 10/09/90	IRP Petroleum Site Characterization
57	--	Unknown - 1991	550	Steel	Waste Oil	Bldg. 544	26-N	Removed 06/01/91	Under Investigation (CTO 267)
58	15	Unknown - Present	300	Steel	Waste Oil	Bldg. 544	26-N	Inactive	
67	14	Unknown - 1990	16,000	Steel	Fuel Oil	Bldg. 88	28-R	Removed 05/18/90	Building 88 Remediation
68	14	Unknown - Present	2,000	Steel	Solvent	Bldg. 88	28-R	Abandoned	Building 88 Remediation
69	7	Unknown - 1991	2,000	Steel	Waste Water	Hangar 3	18-W	Removed 06/15/91	Under investigation (CTO 267)
70	--	1986 - Present	12,000	Fiberglass	Unleaded Gasoline	Transportation	25-O	Active	This tank is permitted and equipped with leak detection equipment.
71	--	1986 - Present	12,000	Fiberglass	Diesel	Transportation	25-O	Active	This tank is permitted and equipped with leak detection equipment.
76	--	1976 - 1988	500	Steel	Diesel	Bldg. 552	17-S	Removed 07/01/88	
77	--	1975 - Present	1,360	Steel	Diesel	Bldg. 549	17-S	Abandoned	Scheduled to be removed.
78	8	Unknown - 1993	1,000	Fiberglass	Acids and Water	Bldg. 127	32-AA	Removed 01/07/93	Under investigation (CTO 267).
79	9	1933 - 1993	10,000	Steel	AVGAS	Bldg. 29	29-U	Removed 07/23/93	IRP Site 9
80	9	1933 - 1993	10,000	Steel	AVGAS	Bldg. 29	29-U	Removed 07/23/93	IRP Site 9

TABLE 2-8 (Continued)  
 UNDERGROUND STORAGE TANK SUMMARY  
 NAS MOFFETT FIELD

Tank No.	IRP Site No.	Years in Place	Capacity in gallons	Construction Material	Contents	Location	Map (Grid Coordinates)	Status	Site Investigation Project
81	9	1933 - 1993	10,000	Steel	AVGAS	Bldg. 29	29-U	Removed 07/23/93	IRP Site 9
82	9	1933 - 1993	10,000	Steel	AVGAS	Bldg. 29	29-U	Removed 07/23/93	IRP Site 9
83	9	1933 - 1993	10,000	Steel	AVGAS	Bldg. 29	29-U	Removed 07/23/93	IRP Site 9
84	9	1933 - 1993	10,000	Steel	AVGAS	Bldg. 29	29-U	Removed 07/23/93	IRP Site 9
85	9	1944 - Present	5,000	Steel	AVGAS	Bldg. 6	28-S	Abandoned	Scheduled to be removed.
86A	--	1948 - 1993	5,000	Steel	Gasoline	Bldg. 107	30-R	Removed 01/07/93	Under investigation (CTO 267).
86B	--	1948 - 1993	7,000	Steel	Diesel	Bldg. 107	30-R	Removed 01/07/93	Under investigation (CTO 267).
87	9	1937 - 1993	10,000	Steel	Diesel	Bldg. 15	30-S	Removed 07/07/93	Under investigation (CTO 267).
88	7	Unknown - 1992	500	Steel	Waste Water	Hangar 3	19-X	Removed 12/18/92	
89	--	Unknown - Present	500	Steel	Diesel	Bldg. 251	27-N	Abandoned	Scheduled to be removed.
97	9	Unknown - 1993	6,000	Steel	Fuel Oil	Bldg. 29	29-U	Removed 07/29/93	IRP Site 9
98	9	1941 - 1993	430	Steel	AVGAS	Bldg. 29	29-U	Removed 07/29/93	IRP Site 9
99	9	1941 - 1993	430	Steel	AVGAS	Bldg. 29	29-U	Removed 07/29/93	IRP Site 9
106	--	Unknown - Present	5,000	Unknown	Gasoline	Bldg. 49	17-U	Abandoned	Scheduled to be removed if present.
110	--	Unknown - Present	2,060	Steel	Diesel	Bldg. 109	30-R	Abandoned	Scheduled to be removed.
111	--	Unknown - Present	Unknown	Steel	Diesel	Bldg. 48	32-Q	Inactive	

TABLE 2-8 (Continued)  
 UNDERGROUND STORAGE TANK SUMMARY  
 NAS MOFFETT FIELD

2-82

Tank No.	IRP Site No.	Years in Place	Capacity in gallons	Construction Material	Contents	Location	Map (Grid Coordinates)	Status	Site Investigation Project
113	--	Unknown - Present	Unknown	Steel	Sewage	Bldg. 525	28-R	Inactive	
114	7	Unknown - Present	2,400	Concrete	Fuel Oil	Bldg. 55	20-X	Abandoned	Scheduled to be removed.
115	--	1933 - Present	5,000	Steel	AVGAS	N245	30-AA	Abandoned	Scheduled to be removed.
116	--	1933 - Present	5,000	Steel	AVGAS	Transportation	26-O	Abandoned	Scheduled to be removed.
117	--	Unknown - Present	Unknown	Steel	Diesel	Hangar 1	28-T	Abandoned	Scheduled to be removed.
121	--	Unknown - 1987	Unknown	Steel	Diesel	Shenandoah Hsng	41-K	Removed 10/09/87	Being investigated under Shenandoah Scope of Work.
122	--	Unknown - 1987	Unknown	Steel	Gasoline	Shenandoah Hsng	41-K	Removed 10/09/87	Being investigated under Shenandoah Scope of Work.
131	7	Unknown - Present	Unknown	Unknown	Unknown	Hangar 2	20-V	Abandoned	

Source: Tank Summary Tables, NAS Moffett Field 1994; Tank Summary Tables, NASA 1993.

TABLE 2-9  
 ABOVEGROUND STORAGE TANK SUMMARY  
 NAS MOFFETT FIELD

Tank No.	IRP Site No.	Years in Place	Capacity (gallons)	Construction Materials	Contents	Location	Map (Grid Coordinates)	Status	Site Investigation Project
52	9	1941 - Unknown	25,000	Steel	Lube Oil	Bldg. 29	29-U	Removed: Date unknown	Now in service as Tank 72.
72	5	1954 - Present	25,000	Steel	Waste JP-5	N. Fuel Farm	16-Y	Active	Secondary containment installed.
73	5	1954 - Present	20,000	Steel	Waste JP-5	N. Fuel Farm	16-Y	Active	Secondary containment installed.
74	5	1954 - Present	15,000	Steel	Waste JP-5	N. Fuel Farm	16-Y	Active	Secondary containment installed.
75	5	1954 - Present	5,800	Steel	Waste JP-5	N. Fuel Farm	16-Y	Active	Secondary containment installed.
90	--	1992 - Present	5,000	Steel	JP-5 and Water	High Speed Fuel	21-BB	Active	Secondary containment installed.
92	--	Unknown - 1994	550	Steel	Diesel	Stevens Creek	38-NN	Removed 3/15/94	Replaced by Tank 140
93	--	Unknown - 1994	147	Steel	Diesel	End Marriage Rd	18-HH	Removed 03/15/94	Replaced by Tank 141.
94	--	Unknown - 1993	560	Steel	AVGAS	Flying Club	27-W	Removed 04/14/93	Some TPH contamination beneath site.
95	--	Unknown - 1993	539	Steel	AVGAS	Flying Club	27-W	Removed 04/14/93	Some TPH contamination beneath site.
96	11	Unknown - Present	Unknown	Steel	JP-5	Bldg. 330	25-HH	Inactive	Scheduled to be replaced.
100	7	Unknown - 1992	1,000	Steel	Waste Oil	Hangar 3	18-W	Removed 12/18/92	Some staining on concrete beneath the tank.
101	--	Unknown - Present	200	Steel	Diesel	Bldg. 300	18-U	Active	Secondary containment in place.
102	--	Unknown - Present	55	Steel	Diesel	Bldg. 484	22-GG	Inactive	
103	--	Unknown - Present	350	Steel	Diesel	Bldg. 549	17-S	Inactive	Scheduled to be removed.
104	10	Unknown - Present	191	Steel	Diesel	Bldg. 408	24-V	Inactive	Scheduled to be removed.

TABLE 2-9 (Continued)  
 ABOVEGROUND STORAGE TANK SUMMARY  
 NAS MOFFETT FIELD

2-84

Tank No.	IRP Site No.	Years In Place	Capacity (gallons)	Construction Materials	Contents	Location	Map (Grid Coordinates)	Status	Site Investigation Project
105	9	Unknown - Present	60	Steel	Diesel	Bldg. 12	30-U	Active	Requires secondary containment (none currently present).
107	--	Unknown - Present	340	Steel	Gasoline	Golf Course	18-GG	Active	Secondary containment in place.
108	--	Unknown - Present	275	Steel	Lube Oil	NEX Serv. Sta.	28-R	Active	
109	--	Unknown - Present	Unknown	Steel	Transmission Fluid	NEX Serv. Sta.	28-R	Active	
118	--	1992 - Present	1,000	Steel	AVGAS	Flying Club	27-V	Removed	
119	--	1988 - Present	200	Steel	Diesel	Bldg. 105	28-W	Active	
120	5	Unknown - Present	75	Steel	Diesel	N. Fuel Farm	16-Y	Active	
129	--	Unknown - Present	18	Steel	Diesel	Bldg. 478	32-T	Removed	
132	10	Unknown - Present	425	Steel	Antifreeze	Runway 32L	20-Q	Removed	
133	10	Unknown - Present	425	Steel	Antifreeze	Runway 32L	21-Q	Removed	
134	--	1994 - Present	5,000	Concrete and Steel	Diesel	Bldg. 105	27-W	Active	
135	--	Unknown - Present	500	Plastic	Sodium Hypochlorite	Bldg. 109	30-R	Active	
137	--	Unknown - Present	Unknown	Steel	Diesel	TACAN	30-LL	Active	
138	--	1991 - Present	560	Steel	Waste Oil	NEX Serv. Sta.	28-R	Active	
139	--	Unknown - Present	Unknown	Steel	Lubricating Oil	NEX Serv. Sta.	28-R	Active	
140	--	1994 - Present	600	Steel	Diesel	Stevens Creek	38-NN	Active	
141	--	1994 - Present	150	Steel	Diesel	End Marriage Rd	18-HH	Active	

TABLE 1 (Continued)  
 ABOVEGROUND STORAGE TANK SUMMARY  
 NAS MOFFETT FIELD

Tank No.	IRP Site No.	Years in Place	Capacity (gallons)	Construction Materials	Contents	Location	Map (Grid Coordinates)	Status	Site Investigation Project
524A	4	Unknown - Present	Unknown	Steel	Waste Water	Flux Ponds	20-AA	Abandoned	
524B	4	Unknown - Present	Unknown	Steel	Waste Water	Flux Ponds	20-AA	Abandoned	
524C	4	Unknown - Present	Unknown	Fiberglass	Lime	Flux Ponds	20-AA	Abandoned	
524D	4	Unknown - Present	Unknown	Fiberglass	Lime	Flux Ponds	20-AA	Abandoned	
524E	4	Unknown - Present	Unknown	Fiberglass	Alum	Flux Ponds	20-AA	Abandoned	
524F	4	Unknown - Present	Unknown	Fiberglass	Alum	Flux Ponds	20-AA	Abandoned	
524G	4	Unknown - Present	Unknown	Steel	Air	Flux Ponds	20-AA	Abandoned	

Source: Tank Summary Tables, NAS Moffett Field, 1994; Tank Summary Tables, NASA, 1993.

**TABLE 2-10  
OTHER UNDERGROUND STRUCTURES SUMMARY  
NAS MOFFETT FIELD**

2-86

Structure No.	IRP Site	Years in Place	Type of Structure	Construction Materials	Capacity (gallons)	Contents	Location	Map Grid Coordinates	Status	Site Investigation Project
23	--	1969 - Present	O/W Separator	Earthen	1,032,000	Waste Water	Flux Ponds	18-AA	Inactive	Tested in 1985.
24	--	1969 - Present	O/W Separator	Earthen	532,000	Waste Water	Flux Ponds	18-AA	Inactive	Tested in 1985.
25	15	1971 - Present	O/W Separator	Concrete	2,000	Wash Water	Cody&Wescoat Rd	27-S	Abandoned	Scheduled to be removed.
41B	--	1973 - 1993	O/W Separator	Concrete	1,700	Oily Water	NEX Serv. Sta.	27-R	Removed 01/07/93	Being investigated (CTO 267).
42	15	1978 - 1990	Sump	Concrete	100	Gasoline	NEX Serv. Sta.	27-R	Removed 10/11/90	NEX Site Investigation
59	15	Unknown - Present	O/W Separator	Concrete	1,400	Oily Water	Bldg. 684	22-AA	Active	
60	16	Unknown - 1990	O/W Separator	Concrete	350	Waste Water	Bldg. 146	27-O	Removed 10/01/90	
61	17	Unknown - 1990	Sump	Concrete	10,000	Paint Waste	Bldg. 45	29-U	Removed 10/23/90	
62	15	Unknown - Present	Sump	Concrete	13,000	Paint Waste	Bldg. 45	29-U	Inactive	Scheduled to be closed in place.
62A	15	Unknown - Present	Sump	Concrete	13,000	Paint Waste	Bldg. 45	29-U	Inactive	Scheduled to be closed in place.
63	15	Unknown - Present	Drain	Concrete	200	Oily Water	Bldg. 142	18-Y	Inactive	Scheduled to be closed in place.
64	15	Unknown - Present	Sump	Concrete	Unknown	Storm Water	End Zook Rd	31-FF	Inactive	Scheduled to be removed.
66	18	Unknown - 1990	Sump	Concrete	100	Waste Solvent	Bldg. 88	28-R	Removed 06/08/90	
91	18	Unknown - Present	Sump	Concrete	700	Solvents and Water	Bldg. 88	29-R	Inactive	Scheduled to be removed.
124	--	Unknown - Present	O/W Separator	Concrete	Unknown	Oily Water	Bldg. 580	27-X	Active	
125	5	Unknown - Present	O/W Separator	Concrete	Unknown	Oily Water	Bldg. 545	17-X	Active	
126	--	Unknown - Present	O/W Separator	Concrete	Unknown	Oily Water	Bldg. 146	26-O	Active	

TABLE O (Continued)  
 OTHER UNDERGROUND STRUCTURES SUMMARY  
 NAS MOFFETT FIELD

Structure No.	IRP Site	Years in Place	Type of Structure	Construction Materials	Capacity (gallons)	Contents	Location	Map Grid Coordinates	Status	Site Investigation Project
127	--	Unknown - Present	O/W Separator	Steel	Unknown	Wash Water	Bldg. 146	127	Active	
128	--	1969 - Present	Sump	Concrete	Unknown	Oily Water	Flux Ponds	19-AA	Inactive	
130	--	Unknown - Present	Sump	Concrete	Unknown	Acid wastes	Bldg. 575	17-S	Inactive	
136	--	Unknown - Present	O/W Separator	Concrete	4,500	Wash Water	Transportation	26-N	Inactive	
524-H	4	Unknown - Present	Sump	Concrete	Unknown	Sludge	Flux Ponds	20-AA	Abandoned	

Source: Tank Summary Tables, NAS Moffett Field, 1994; Tank Summary Tables, NASA, 1993.

- 11 oil/water separators
- 1 drain

The locations of these 150 sites are identified in the tables using a grid coordinate system and are shown on Figure 2-29.

**Underground Storage Tanks.** Of the 150 structures identified in Tables 2-8 through 2-10, 87 are underground storage tanks. Of these, 54 have been removed and are either in the process of being cleaned up or have already undergone remediation. Two of the tanks have been closed in place and no further action is planned. Nineteen of the tanks are abandoned or inactive and are scheduled to be removed. Only 12 remain active. Soils and ground water contaminated from leaking or overfilled storage tanks are covered under the Installation Restoration Program (IRP Sites 2, Site 5, Site 7, Site 8, Site 9, Site 10, Site 14, Site 15, and Site 19). Specific characteristics of the known underground storage tanks are described in Table 2-8.

**Aboveground Storage Tanks.** Forty-one aboveground storage tanks have been identified at NAS Moffett Field. Of the 41 identified, six have been removed, and 14 are inactive or abandoned. Twenty-one are active. Of the 21 active tanks, secondary containment has been or needs to be added. Specific characteristics of the aboveground storage tanks are described in Table 2-9.

**Miscellaneous Underground Structures.** Twenty-two miscellaneous underground structures have been identified at NAS Moffett Field. They include: 10 sumps, 11 oil/water separators, and one drain. Specific characteristics of these structures are shown in Table 2-10.

#### **2.14.4 POLYCHLORINATED BIPHENYL SITES**

A PCB inventory of NAS Moffett Field was conducted in October 1993 (NAS Moffett Field 1993f). A total of 252 possible PCB-containing items were surveyed and sampled, including PCB capacitors, regulators, oil fuse cutouts, oil circuit breakers, oil switches, and transformers. PCB concentrations reported ranged from <1 ppm to 542,000 ppm. The sample locations and results are included in Table 2-11. The parcel profiles in Chapter 4 list the number of electrical components identified as containing PCBs.

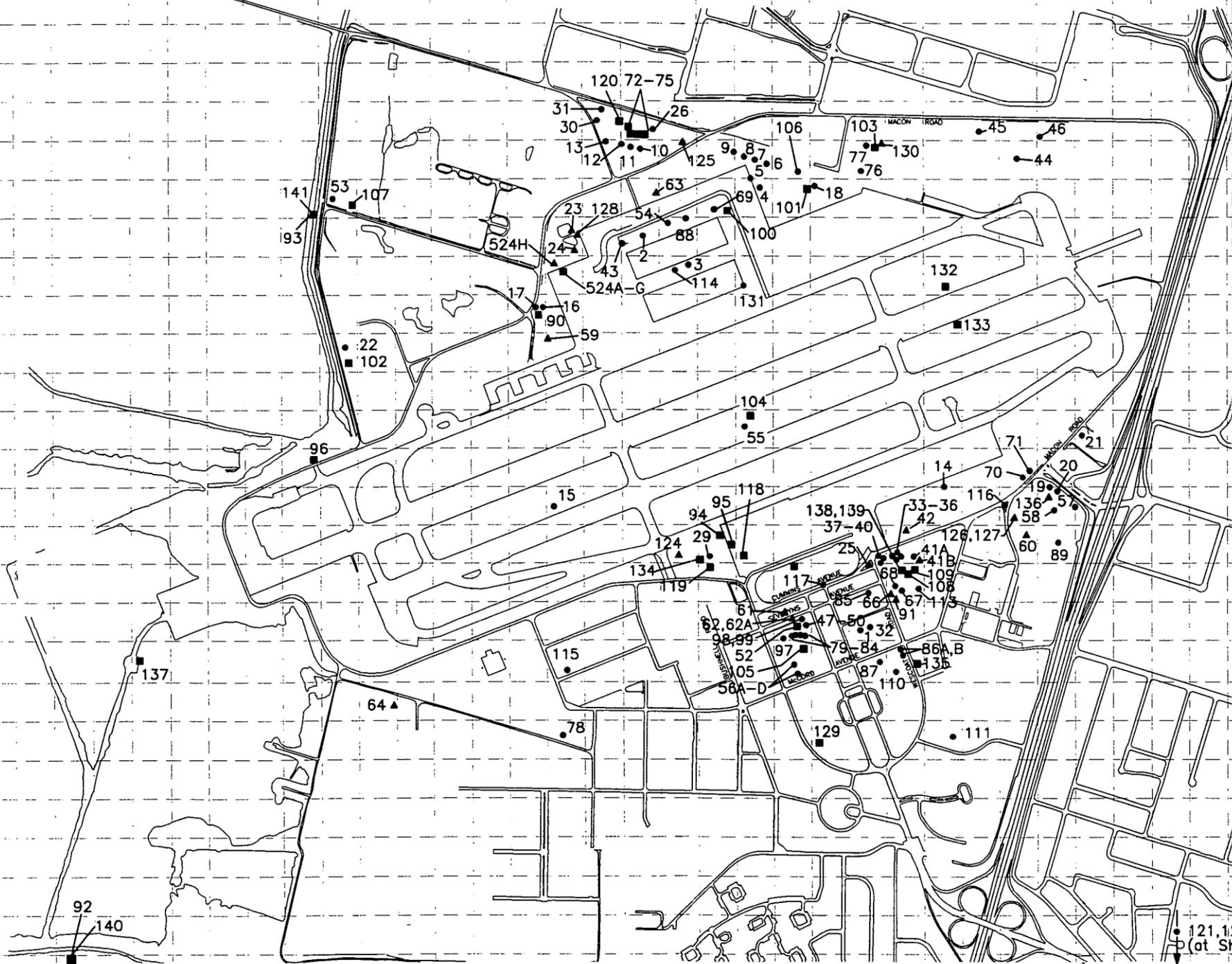
#### **2.14.5 BUILDINGS WITH ASBESTOS-CONTAINING MATERIALS**

As mandated in 1986 by the Chief of Naval Operations, a comprehensive inventory of asbestos-containing materials (ACM) must be completed prior to a base closure. In addition, before any building is demolished or renovated, a complete removal of friable asbestos must be completed in accordance with federal and state OSHA regulations.

Asbestos is of particular concern at NAS Moffett Field due to the age of many of its facilities. A large number of buildings were built between 1930 and 1955, a time when asbestos was a commonly used construction material. Previous investigations have estimated that 90 percent of these older facilities contain asbestos in some form (Tetra Tech 1990).

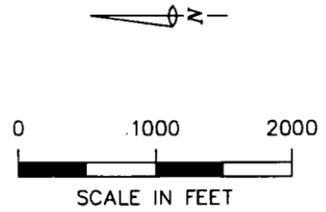
VV UU TT SS RR QQ PP OO NN MM LL KK JJ II HH GG FF EE DD CC BB AA Z Y X W V U T S R Q P O N M L K J I

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LEGEND:

- UNDERGROUND STORAGE TANKS
- ABOVEGROUND STORAGE TANKS
- ▲ OTHER (oil/water separator, sumps, etc.)



Source: NAS Moffett Field Basemap, 1991 and Tank Summary Tables, 1993.

121,122  
(at Shenandoah Housing)

Figure 2-29

UST, AST and Other Underground Structures  
Location Map  
NAS Moffett Field



**TABLE 2-11  
PCB-CONTAINING ELECTRICAL EQUIPMENT LOCATED AT NAS MOFFETT FIELD**

LOCATION	ID/SAMPLE	ANALYZED	RESULT
<b>A. PCB CAPACITORS</b>			
Bldg. 105 (R105-1)	76GM232669 6M	8-16-93	<1ppm
Bldg. 105 (R105-2)	GM-242130-1 7M	8-16-93	4ppm
Bldg. 105 (R105-4)	A23011-1 4M	8-16-93	21ppm
Bldg. 105 (R105-5)	A23011-3 5M	8-16-93	5ppm
Bldg. 105 (R105-7)	A23011-3 3M	8-16-93	5ppm
Bldg. 105 (R105-9)	9981274 1M	8-18-93	<1ppm
<b>B. SPARE REGULATORS NOT TESTED BEFORE</b>			
Bldg. 6	R-105-10	Concentrations stated on Name Plate	<1ppm
Bldg. 6	R-105-12	Concentrations Stated on Name Plate	<1ppm
Bldg. 6	R-105-13	Concentrations stated on Name Plate	<1ppm
Bldg. 149	T29-1	9-06-93	540Kppm
Bldg. 149	T29-2	9-06-93	542Kppm
Bldg. 149	T29-3	9-06-93	505Kppm
<b>C. OIL FUSE CUTOUTS LOCATED IN MANHOLES</b>			
MH# 9	OS-MH9-A	8-28-93	2ppm
MH# 9	OS-MH9-B	8-28-93	2ppm
MH# 9	OS-MH9-C	8-28-93	3ppm
MH# 16	OS-MH16-A	8-28-93	<1ppm
MH# 16	OS-MH16-B	8-28-93	<1ppm
MH# 16	OS-MH16-C	8-28-93	2ppm
MH# 21	OS-21-A	9-08-93	5ppm
MH# 21	OS-21-B	9-08-93	<1ppm
MH# 21	OS-21-C	9-08-93	<1ppm
MH# 22A	OS-22A-A	9-08-93	12ppm
MH# 22A	OS-22A-B	9-08-93	11ppm
MH# 22A	OS-22A-C	9-08-93	7ppm
MH# 30	OS-MH30-A	9-11-93	48ppm
MH# 30	OS-MH30-B	9-11-93	41ppm
MH# 30	OS-MH30-C	9-11-93	<1ppm
MH# 30	OS-MH30-D	9-11-93	<1ppm
MH# 31	OS-MH31-A	8-28-93	3ppm
MH# 31	OS-MH31-B	8-28-93	2ppm
MH# 47	OS-MH47-A	9-05-93	<1ppm
MH# 47	OS-MH47-B	9-05-93	<1ppm
MH# 47	OS-MH47-C	9-05-93	<1ppm
MH# 95	OS-T5-N.A.	8-26-93	8ppm
MH# 95	OS-T5-N.B.	8-26-93	8ppm
MH# 95	OS-T5-N.C.	8-26-93	<1ppm
MH# 95	OS-T5-N.D.	8-26-93	2ppm
MH# 95	OS-T5-N.E.	8-26-93	<1ppm

**TABLE 2-11  
PCB-CONTAINING EQUIPMENT LOCATED AT NAS MOFFETT FIELD (Cont'd)**

LOCATION	ID/SAMPLE	ANALYZED	RESULT
MH# 95	OS-T5-S.A.	8-28-93	<1ppm
MH# 95	OS-T5-S.B.	8-28-93	<1ppm
MH# 119	OS-MH119-A	8-28-93	3ppm
MH# 119	OS-MH119-B	8-28-93	3ppm
MH# 119	OS-MH119-C	8-28-93	2ppm
MH# 213B	OS-MH213B-A	8-29-93	2ppm
MH# 213B	OS-MH213B-B	8-29-93	2ppm
MH# 213B	OS-MH213B-C	8-29-93	2ppm
<b>D. OIL FUSE CUTOUPS LOCATED ON SURFACE</b>			
Bldg. 6	OS-T27-A	Not Provided	<1ppm
Bldg. 6	OS-T27-B	Not Provided	<1ppm
Bldg. 6	OS-T27-C	Not Provided	9ppm
Bldg. 12	OS-T13-A	8-17-93	<1ppm
Bldg. 12	OS-T13-B	8-17-93	<1ppm
Bldg. 12	OS-T13-C	8-17-93	<1ppm
Bldg. 15	OS-T10-A	9-08-93	<1ppm
Bldg. 15	OS-T10-B	9-08-93	<1ppm
Bldg. 15	OS-T10-C	9-08-93	<1ppm
Bldg. 15	OS-T11-A	9-08-93	<1ppm
Bldg. 15	OS-T11-B	9-08-93	2ppm
Bldg. 15	OS-T11-C	9-08-93	4ppm
Bldg. 16	OS-T9-A	8-20-93	<1ppm
Bldg. 16	OS-T9-B	8-20-93	<1ppm
Bldg. 16	OS-T9-C	8-20-93	3ppm
Bldg. 19	OS-T16-A	8-30-93	<1ppm
Bldg. 19	OS-T16-B	8-30-93	<1ppm
Bldg. 19	OS-T16-C	8-30-93	<1ppm
Bldg. 20	OS-T6-A	8-19-93	<1ppm
Bldg. 20	OS-T6-B	8-19-93	<1ppm
Bldg. 20	OS-T6-C	8-19-93	<1ppm
Bldg. 25	OS-T18-A	8-19-93	<1ppm
Bldg. 25	OS-T18-B	8-19-93	<1ppm
Bldg. 25	OS-T18-C	8-19-93	<1ppm
Bldg. 26	OS-T26-A	8-21-93	5ppm
Bldg. 26	OS-T26-B	8-21-93	4ppm
Bldg. 26	OS-T26-C	8-21-93	<1ppm
Bldg. 41	OS-T41-A	8-31-93	<1ppm
Bldg. 41	OS-T41-B	8-31-93	<1ppm
Bldg. 41	OS-T41-C	8-31-93	<1ppm
Bldg. 47 (Hgr 3) Vlt 3	OS-T56-A	9-08-93	2ppm
Bldg. 47 (Hgr 3) Vlt 3	OS-T56-B	9-08-93	2ppm
Bldg. 47 (Hgr 3) Vlt 3	OS-T56-C	9-08-93	<1ppm
Bldg. 49	OS-T49-A	8-20-93	5ppm

**TABLE 2-11  
PCB-CONTAINING EQUIPMENT LOCATED AT NAS MOFFETT FIELD (Cont'd)**

LOCATION	ID/SAMPLE	ANALYZED	RESULT
Bldg. 49	OS-T49-B	8-20-93	5ppm
Bldg. 49	OS-T49-C	8-20-93	4ppm
Bldg. 56	OS-T56-A	8-21-93	<1ppm
Bldg. 56	OS-T56-B	8-21-93	<1ppm
Bldg. 56	OS-T56-C	8-21-93	<1ppm
Bldg. 87	OS-T87-A	8-20-93	<1ppm
Bldg. 87	OS-T87-B	8-20-93	<1ppm
Bldg. 87	N/A	N/A	N/A
Bldg. 88	OS-T25-A	8-27-93	<1ppm
Bldg. 88	OS-T25B-	8-27-93	<1ppm
Bldg. 88	OS-T25-C	8-25-93	<1ppm
Bldg. 104	OS-T24-A	8-19-93	<1ppm
Bldg. 104	OS-T24-B	8-19-93	<1ppm
Bldg. 104	OS-T24-C	8-19-93	<1ppm
Bldg. 105	OS-T105-A	8-20-93	6ppm
Bldg. 105	OS-T105-B	8-20-93	16ppm
Bldg. 105	OS-T105-C	8-20-93	17ppm
Bldg. 126	OS-B126-A	8-20-93	<1ppm
Bldg. 126	OS-B126-B	8-20-93	<1ppm
Bldg. 126	OS-B126-C	8-20-93	<1ppm
Bldg. 142	OS-B142-A	8-24-93	<1ppm
Bldg. 142	OS-B142-B	8-24-93	<1ppm
Bldg. 142	OS-B142-C	8-24-93	<1ppm
Bldg. 144	OS-T21-1	8-20-93	2ppm
Bldg. 144	OS-T21-2	8-20-93	2ppm
Bldg. 144	OS-T21-3	8-20-93	2ppm
Bldg. 146	OS-T39-1	8-20-93	2ppm
Bldg. 146	OS-T39-2	8-20-93	2ppm
Bldg. 146	OS-T39-3	8-20-93	2ppm
Bldg. 149	OS-149-A	9-09-93	14ppm
Bldg. 149	OS-149-B	9-09-93	15ppm
Bldg. 149	OS-149-C	9-09-93	17ppm
Bldg. 152	OS-B152-A	9-09-93	<1ppm
Bldg. 152	OS-B152-B	9-09-93	<1ppm
Bldg. 152	OS-B152-C	9-09-93	<1ppm
Bldg. 155	OS-B155-A	9-09-93	<1ppm
Bldg. 155	OS-B155-B	9-09-93	<1ppm
Bldg. 155	OS-B155-C	9-09-93	9ppm
Bldg. 191	OS-T66-A	8-24-93	<1ppm
Bldg. 191	OS-T66-B	8-24-93	<1ppm
Bldg. 191	OS-T66-C	8-24-93	<1ppm
Bldg. 251	OS-B251-A	8-24-93	<1ppm
Bldg. 251	OS-B251-B	8-24-93	<1ppm
Bldg. 251	OS-B251-C	8-24-93	<1ppm

**TABLE 2-11  
PCB-CONTAINING EQUIPMENT LOCATED AT NAS MOFFETT FIELD (Cont'd)**

LOCATION	ID/SAMPLE	ANALYZED	RESULT
Bldg. 252	OS-252-SA	8-30-93	4ppm
Bldg. 252	OS-252-NA	8-30-93	4ppm
Bldg. 252	OS-252-NB	8-30-93	6ppm
Bldg. 252	OS-252-NC	8-30-93	7ppm
Bldg. 252	OS-252-B	8-30-93	6ppm
Bldg. 252	Unable to sample	N/A	N/A
Bldg. 254	OS-254-A	8-30-93	<1ppm
Bldg. 254	OS-254-B	8-30-93	<1ppm
Bldg. 254	OS-254-C	8-30-93	<1ppm
Bldg. 300	OS-T176-A	9-08-93	<1ppm
Bldg. 300	OS-T176-B	9-08-93	<1ppm
Bldg. 300	OS-T176-C	9-08-93	<1ppm
Bldg. 300	OS-T176-A	9-08-93	<1ppm
Bldg. 300	OS-T176-B	9-08-93	<1ppm
Bldg. 300	OS-T176-C	9-08-93	<1ppm
Bldg. 328	OS-T71-A	9-07-93	<1ppm
Bldg. 328	OS-T71-B	9-07-93	<1ppm
Bldg. 328	OS-T71-C	9-07-93	<1ppm
Bldg. 410	OS-B410-A	9-07-93	<1ppm
Bldg. 410	OS-B410-B	9-07-93	<1ppm
Bldg. 411	OS-B411-A	9-07-93	3ppm
Bldg. 411	OS-B411-B	9-07-93	3ppm
Bldg. 417	OS-T51-A	8-21-93	<1ppm
Bldg. 417	OS-T51-B	8-21-93	<1ppm
Bldg. 446	OS-B446-A	8-21-93	2ppm
Bldg. 446	OS-B446-B	8-21-93	4ppm
Bldg. 446	OS-B446-C	8-21-93	6ppm
Bldg. 454	OS-B454-A	8-24-93	<1ppm
Bldg. 454	OS-B454-B	8-24-93	<1ppm
Bldg. 454	OS-B454-C	8-24-93	<1ppm
Bldg. 461	OS-461-A	9-07-93	<1ppm
Bldg. 461	OS-461-B	9-07-93	<1ppm
Bldg. 461	OS-461-C	9-07-93	<1ppm
Bldg. 461	Unable to sample	N/A	N/A
Bldg. 461	Unable to sample	N/A	N/A
Bldg. 484	OS-T64-A	9-09-93	17ppm
Bldg. 484	OS-T64-B	9-09-93	19ppm
Bldg. 484	OS-T64-C	9-09-93	17ppm
Bldg. 503	OS-B503-A	8-27-93	18ppm
Bldg. 503	OS-B503-B	8-27-93	17ppm
Bldg. 503	OS-B503-C	8-27-93	27ppm
Bldg. 513	OS-513-A	9-08-93	15ppm
Bldg. 513	OS-513-B	9-08-93	6ppm
Bldg. 513	OS-513-C	9-08-93	6ppm

**TABLE 2-11  
PCB-CONTAINING EQUIPMENT LOCATED AT NAS MOFFETT FIELD (Cont'd)**

LOCATION	ID/SAMPLE	ANALYZED	RESULT
Bldg. 525	OS-B525-A	8-27-93	<1ppm
Bldg. 525	OS-B525-B	8-27-93	<1ppm
Bldg. 525	OS-B525-C	8-27-93	<1ppm
Bldg. 543	Unable to sample	N/A	N/A
Bldg. 543	Unable to sample	N/A	N/A
Bldg. 543	Unable to sample	N/A	N/A
Bldg. 545	OS-T72-A	8-31-93	<1ppm
Bldg. 545	OS-T72-B	8-31-93	<1ppm
Bldg. 549	OS-T79-A	9-09-93	<1ppm
Bldg. 549	OS-T79-B	9-09-93	<1ppm
Bldg. 549	OS-T79-C	9-09-93	<1ppm
Bldg. 556	OS-T35-A	8-28-93	2ppm
Bldg. 556	OS-T35-B	8-28-93	<1ppm
Bldg. 556	OS-T35-C	8-28-93	2ppm
Bldg. 561	Unable to locate	N/A	N/A
Bldg. 561	Unable to locate	N/A	N/A
Bldg. 561	Unable to locate	N/A	N/A
Bldg. 569	OS-B569-A	9-08-93	<1ppm
Bldg. 569	OS-B569-B	9-08-93	<1ppm
Bldg. 569	OS-B569-C	9-08-93	<1ppm
Bldg. 590, Sub C	MSDS	9-03-93	<1ppm
Bldg. 590, Sub C	MSDS	9-03-93	<1ppm
Bldg. 590, Sub C	MSDS	9-03-93	<1ppm
Bldg. 591	OS-B591-A	8-31-93	<1ppm
Bldg. 591	OS-B591-B	8-31-93	<1ppm
Bldg. 591	OS-B591-C	8-31-93	<1ppm
Bldg. 684	OS-T94-A	8-30-93	<1ppm
Bldg. 684	OS-T94-B	8-30-93	<1ppm
Bldg. 684	OS-T94-C	8-30-93	<1ppm
<b>E. OIL CIRCUIT BREAKERS</b>			
Bldg. 46 (Hgr 2) Vlt 4	CB-21	9-09-93	<1ppm
Bldg. 46 (Hgr 2) Vlt 4	CB-20-30	9-09-93	<1ppm
Bldg. 46 (Hgr 2) Vlt 4	CB-MAIN 44	9-09-93	<1ppm
Bldg. 46 (Hgr 2) Vlt 4	1196369	9-09-93	<1ppm
Bldg. 46 (Hgr 2) Vlt 4	CB-52-2-1	9-09-93	<1ppm
Bldg. 591	CB-B591-A	9-08-93	<1ppm
Bldg. 591	CB-B591-A	9-08-93	<1ppm
Bldg. 591	CB-591-C	9-08-93	<1ppm
<b>F. OIL SWITCHES</b>			
Hnr. 1, Vlt. 5	OS-Hgr1	Name Plate	<1ppm
Bldg. 55	RCOC-30768	9-07-93	<1ppm
Bldg. 105	RCOC-15925	8-26-93	<1ppm

**TABLE 2-11  
PCB-CONTAINING EQUIPMENT LOCATED AT NAS MOFFETT FIELD (Cont'd)**

LOCATION	ID/SAMPLE	ANALYZED	RESULT
Bldg. 105	RCOC-15907	8-26-93	<1ppm
Bldg. 105	RCOC-30701	8-26-93	<1ppm
Bldg. 146	A3849	8-20-93	3ppm
<b>G. MANHOLE TRANSFORMERS NOT TESTED BEFORE</b>			
Bldg. M.H.# 16; T15-1	1534(T15-1)	8-28-93	4ppm
Bldg. M.H.# 30; T2-1-1	4974590	9-09-93	<1ppm
Bldg. M.H.# 30; T2-1-2	1514839	8-20-93	
Bldg. M.H.# 31; T2-1	1514844	8-28-93	3ppm
Bldg. M.H.# 95; T5-1	XFMR-T5-1	8-25-93	<1ppm
Bldg. M.H.# 95; T5-3	4974598	8-26-93	<1ppm
Bldg. M.H.# 213B;	XFMR213-A	8-29-93	5ppm
Bldg. M.H.# 213B;	XMFR213-B	8-29-93	17ppm
Bldg. M.H.# 213B;	XFMR213-C	8-29-93	5ppm
Out of service; T5-4	1514839	7-20-93	<1ppm
<b>H. TRANSFORMERS INSTALLED BY PWC</b>			
Bldg. 23		Concentrations Stated on Name Plate	<1ppm
Bldg. 159		Concentrations Stated on Name Plate	<1ppm
<b>I. TRANSFORMERS INSTALLED BY PWD</b>			
Bldg. E-52; T111-1		Concentrations Stated on Name Plate	<1ppm
Bldg. 223-T; T223-T		Concentrations Stated on Name Plate	<1ppm
<b>J. TRANSFORMERS INSTALLED BY CONTRACTORS</b>			
Bldg. 6; T27-1			
Bldg. 6; T27-2			
Bldg. 6; T27-3			
Bldg. 17; T9-1			
Bldg. 23	T5-4	Concentrations Stated on Name Plate	<1ppm
Bldg. 45	T48	Concentrations Stated on Name Plate	<1ppm
Bldg. 47 (Hnr-3)	T58	Concentrations Stated on Name Plate	<1ppm
Bldg. 47 (Hnr-3)	T59	Concentrations Stated on Name Plate	<1ppm
Bldg. 47 (Hnr-3)	T59-1	Concentrations Stated on Name Plate	<1ppm
Bldg. 105	T49	Concentrations Stated on Name Plate	<1ppm
Bldg. 170; T86	88E17200	9-09-93	<1ppm
Bldg. 330; T162	**REMOVED**	N/A	N/A
Bldg. 330; T162	**REMOVED**	N/A	N/A
Bldg. 330; T162	**REMOVED**	N/A	N/A

**TABLE 2-11  
PCB-CONTAINING EQUIPMENT LOCATED AT NAS MOFFETT FIELD (Cont'd)**

LOCATION	ID/SAMPLE	ANALYZED	RESULT
Bldg. 476; T7	T7		
Bldg. 476; T8	T8		
Bldg. 591	Bank-1	9--93	<1ppm
Bldg. 591	Bank-2	9--93	<1ppm
Bldg. 591	Bank-3	9--93	<1ppm
Bldg. 591	Tap 1	9--93	<1ppm
Bldg. 591	Tap 2	9--93	<1ppm
Bldg. 591	Tap 3	9--93	<1ppm
Bldg. 755	83A160693	9--93	<1ppm
Bioremediation Pad			
Concentrations Stated on Name Plate			<1ppm

Source: NAS Moffett Field, Draft PCB Inventory, October 1993 (1993f).

**TABLE 2-12  
ASSUMED AND SAMPLED ASBESTOS-CONTAINING MATERIALS  
AT NAS MOFFETT FIELD**

Facility Number	Current use	Square Footage	Year Built	Number of Assumed Materials	Number of Confirmed Materials
1	Applied Instruction Building/Maintenance Hangar	385,290	1933	27	10
2	Gymnasium	19,691	1933	5	3
3	Package Store/Mess Open	31,353	1933	11	5
6	Public Works Warehouse	16,953	1933	8	5
10	Heating Plant Building/Public Works	9,636	1932	8	16
12	Administrative Office	65,384	1933	17	9
13	Commissary including Backup Storage	14,632	1933	1	0
14	Library/Printing Plant	12,560	1933	9	6
15	Public Works Shop	19,873	1933	15	6
16	Public Works Shop	17,275	1933	12	5
17	Administrative Office	20,910	1933	14	8
18	Administrative Office	4,976	?	6	5
19	BEQ	138,357	1933	10	18
20	BOQ	32,624	1933	13	8
22	Garage, Detached	2,350	1933	1	0
23	Administrative Office	27,825	1933	10	8
24	Public Works Storage	1,350	1933	3	0
25	Administrative Office	32,650	1933	13	6
26	Gate House	1,970	1933	4	1
27	Small Arms/Pyrotechnic	64	1933	0	0
28	Small Arms/Pyrotechnic	381	1933	0	0
29	Office Equipment/Appliance Repair Area	1,056	1932	3	3
31	Commissary including Backup Storage	2,917	?	4	2
32	General Storage Shed	578	1933	0	0
33	General Storage Shed	578	1933	6	2
34	Fleet Recon. Photo Lab	480	1934	4	0
36	Gate/Sentry House	100	1934	3	0
44	Operational Storage	640	1942	1	0

\* Particulates (Part), Organics (Org), Oxides of Nitrogen (NO<sub>x</sub>), Sulfur Dioxide (SO<sub>2</sub>) Carbon Monoxide (CO)

TABLE 2-12 (Continued)  
 ASSUMED AND SAMPLED ASBESTOS-CONTAINING MATERIALS  
 AT NAS MOFFETT FIELD

Facility Number	Current use	Square Footage	Year Built	Number of Assumed Materials	Number of Confirmed Materials
45	Painting and Related Operations Building	9,833	1944	6	3
46	Maintenance Hangar	346,875	1942	25	12
47	Maintenance Hangar	433,738	1942	30	19
48	Child Care Center/Religious Education Building	10,061	1943	14	12
49	Applied Instruction Building	24,656	?	13	1
50	Military Affil. Radio Station	600	1958	4	0
55	Heating Plant Building	939	1943	3	0
64	Camping Gear Issue Office Area	6,334	1940	3	1
67	Post Office	2,777	1943	5	2
69	Inert Storehouse	2,400	1943	1	0
70	Fuse and Detonation Magazine Area	192	1943	0	0
71	High Explosive Magazines	546	1943	0	0
72	High Explosive Magazines	625	1943	0	0
73	High Explosive Magazines	546	1943	0	0
74	High Explosive Magazines	546	1943	0	0
76	Administrative Office	450	1944	5	0
77	Gate/Sentry House	92	1944	3	0
79	Hazardous/Flammable Storehouse	456	1944	3	0
81	PW Expendable/Work-In Process Area	536	1944	1	2
82	Community Storage	580	1944	1	0
83	Aircraft Line Operations Building Area	2,000	1944	5	0
85	Community Storage	1,230	1944	0	0
86	Chapel	3,862	1945	4	3
87	Heating Plant Building	256	1945	1	0
88	Exchange Dry Cleaning Plant	13,579	1945	10	11
93	Guard Mail	1,200	1946	3	0
104	Elec. Distribution Building/Shelter Area	200	1943	1	0
105	Standby Generator Building	676	1947	2	0

\* Particulates (Part), Organics (Org), Oxides of Nitrogen (NO<sub>x</sub>), Sulfur Dioxide (SO<sub>2</sub>), Carbon Monoxide (CO)

TABLE 2-12 (Continued)  
 ASSUMED AND SAMPLED ASBESTOS-CONTAINING MATERIALS  
 AT NAS MOFFETT FIELD

Facility Number	Current use	Square Footage	Year Built	Number of Assumed Materials	Number of Confirmed Materials
106	Aircraft Compass Calibrate	1,056	1947	0	0
107	ROICC	1,766	1948	4	1
109	Bathhouse	3,872	1948	4	8
111	Public Works Shop	4,650	1944	0	0
113	PW Expandable/Work-In Process Area	800	1944	2	0
115	Public Works Shop	2,244	1943	8	0
117	Public Works Storage	782	1944	0	0
118	Line Maintenance Shelter	628	1944	0	0
119	Line Maintenance Shelter	782	1944	2	0
123	Hazardous/Flammable Storehouse	763	1944	0	0
124	Admin/ARPA/Applied Inst. Building	4,754	?	6	0
126	Exchange Control Warehouse	13,350	1949	4	6
127	General Warehouse, Navy	24,782	1950	4	1
129	Gate/Sentry House	68	1949	4	0
133	Hazardous/Flammable Storehouse	150	1950	0	0
134	Hazardous/Flammable Storehouse	1,932	1951	0	0
142	Aircraft Ground Support Equipment	12,288	1952	4	1
143	High Explosive Magazines	567	1943	0	0
144	General Warehouse, Navy	160,000	1952	9	1
146	Auto Vehicle Maintenance Noncom.	35,745	1952	13	6
147	High Explosive Magazines	567	1951	0	0
148	BEQ	15,785	1953	7	6
149	BEQ	16,013	1953	6	6
150	BEQ	15,785	1953	6	5
151	BEQ	15,785	1953	6	6
152	Enlisted Dining Facility	42,291	1953	9	15
153	BEQ	15,785	1953	6	5
154	BEQ	15,785	1953	6	5

\* Particulates (Part), Organics (Org), Oxides of Nitrogen (NO<sub>x</sub>), Sulfur Dioxide (SO<sub>2</sub>), Carbon Monoxide (CO)

TABLE 2-12 (Continued)  
 ASSUMED AND SAMPLED ASBESTOS-CONTAINING MATERIALS  
 AT NAS MOFFETT FIELD

Facility Number	Current use	Square Footage	Year Built	Number of Assumed Materials	Number of Confirmed Materials
155	BEQ	16,013	?	6	5
156	BEQ	15,785	?	7	4
158	Aircraft Ops. Bldg. Exc.	23,884	1954	9	5
159	Misc. Personnel Weather Shelter	224	1952	1	0
160	Misc. Personnel Weather Shelter	224	1952	1	0
170	Liquid Oxygen/Nit. Facility	350	1955	0	0
172	Line Maintenance Shelter	401	1955	2	0
176	Line Maintenance Shelter	392	1956	3	0
191	Misc. Utility Plant Bldg.	176	1952	0	0
193	Line Maintenance Shelter	401	1955	0	0
194	Line Maintenance Shelter	401	1955	0	0
197	Ready Magazine	364	1956	1	0
198	Ready Magazine	364	1956	1	0
199	Ready Magazine	364	1956	1	0
207	Rehabilitation Center	1,800	1940	3	0
234	Golf Clubhouse	6,004	1940	5	1
241	Exchange Central Administration	6,968	1940	11	0
242	Exchange Central Administration	2,744	1940	6	0
243	Mess Open	15,693	1941	11	3
244	Mess Open	14,794	1941	11	3
245	Field House	2,676	1941	1	1
251	Expendable/Work-In Process Area	668	1957	6	0
252	Standby Generator Building	252	1957	3	0
254	Misc. Personnel Weather Shelter	1,000	1956	1	0
256	Parachute/Survival Equipment	8,422	1957	6	9
258	Vehicle Holding Shed Waiting	800	1956	0	0
259	Line Maintenance Shelter	406	1957	0	0
260	Line Maintenance Shelter	406	1957	1	0

\* Particulates (Part), Organics (Org), Oxides of Nitrogen (NO<sub>x</sub>), Sulfur Dioxide (SO<sub>2</sub>) Carbon Monoxide (CO)

**TABLE 2-12 (Continued)  
ASSUMED AND SAMPLED ASBESTOS-CONTAINING MATERIALS  
AT NAS MOFFETT FIELD**

Facility Number	Current use	Square Footage	Year Built	Number of Assumed Materials	Number of Confirmed Materials
261	Line Maintenance Shelter	406	1957	1	0
262	Line Maintenance Shelter	406	1957	2	0
292	Refueling Vehicle Shop	2,400	1957	0	0
300	Administrative Office	15,535	1941	9	2
301	OPCON Center for Fleet Ops.	3,840	1971	10	0
301A	Underwater Equipment Lab	4,000	?	7	0
301B	Underwater Equipment Lab	3,600	?	7	0
329	VHF/UHF Communication Facility	800	1958	2	0
331	Operational Storage	525	1958	0	0
342	Operational Storage	192	1948	1	0
343	Public Works Shop	1,785	1942	4	0
346	Aircraft Line Operations Building Area	192	1950	0	0
347	Aircraft Line Operations Building Area	1,600	1942	3	1
348	POL OPN/Sampling/Test Bldg.	384	1950	2	0
350	Line Maintenance Shelter	192	1950	0	0
367	Location Exchange	520	1948	3	0
372	Public Toilet	80	1952	1	0
380	Misc. Personnel Weather Shelter	300	1957	0	0
382	Aircraft Line Operations Building Area	192	1950	4	0
389	Misc. Personnel Weather Shelter	40	1957	0	0
390	Operational Storage	192	1948	1	0
396	Line Maintenance Shelter	192	1950	0	0
399	Community Storage	960	1956	0	0
400	Hazardous/Flammable Storehouse	280	1958	0	0
402	Misc. Personnel Weather Shelter	300	1957	0	0
409	Community Storage	165	1948	0	0
440	Vehicle Wash Platform	8,100	1955	0	0
454	VHF/UHF Communication Facility	1,340	1960	2	0

\* Particulates (Part), Organics (Org), Oxides of Nitrogen (NO<sub>x</sub>), Sulfur Dioxide (SO<sub>2</sub>), Carbon Monoxide (CO)

TABLE 2-12 (Continued)  
 ASSUMED AND SAMPLED ASBESTOS-CONTAINING MATERIALS  
 AT NAS MOFFETT FIELD

Facility Number	Current use	Square Footage	Year Built	Number of Assumed Materials	Number of Confirmed Materials
459	Community Storage	280	?	0	0
464	Operational Storage	290	1940	0	0
470	Public Works Storage	168	1933	0	0
472	Airframes Shop	300	?	0	0
476	Exchange Retail Store	45,643	1964	13	10
478	Standby Generator Building	80	1963	0	0
480	Indoor Playing Court	1,722	1963	0	0
482	Painting & Related Ops. Bldg.	480	1963	0	2
483	Aircraft Ground Support Equip. Shed	4,000	1964	4	1
484	Air/Underwater Weapons Shop	6,760	1965	10	4
485	Guard & Watch Towers	81	?	1	0
486	Special Weapons Magazine	780	1965	1	0
487	Special Weapons Magazine	780	1965	1	0
488	Special Weapons Magazine	780	1965	1	0
489	Special Weapons Magazine	780	1965	1	0
490	Special Weapons Magazine	780	1965	1	0
491	Special Weapons Magazine	780	1965	1	0
492	Special Weapons Magazine	780	1961	1	0
499	Ground Support Equipment Shed	9,405	1966	0	0
501	Fire Station	3,240	1940	5	0
502	Public Toilet	192	1967	0	0
503	Exchange Auto Repair Station	7,240	1966	10	1
504	Aircraft Rinse Facility	16,200	1967	0	0
509	Nearly New Shop	1,450	1968	3	0
510	Exchange Retail Store	4,890	1967	3	0
511	Guided Missile Integration Facility	3,270	1968	0	0
512	BEQ	27,800	1970	8	1
525	Bowling Alley	14,520	1970	7	1

\* Particulates (Part), Organics (Org), Oxides of Nitrogen (NO<sub>x</sub>), Sulfur Dioxide (SO<sub>2</sub>) Carbon Monoxide (CO)

**TABLE 2-12 (Continued)**  
**ASSUMED AND SAMPLED ASBESTOS-CONTAINING MATERIALS**  
**AT NAS MOFFETT FIELD**

Facility Number	Current use	Square Footage	Year Built	Number of Assumed Materials	Number of Confirmed Materials
526	Enlisted Men's Mess Open	640	1970	0	0
527	PW Maintenance Storage	1,600	1968	0	0
529	Exchange Central	2,640	1970	4	1
533	Public Toilet	570	1971	5	0
537	Public Toilet	192	1973	0	0
539	Aircraft Line Operations Building Area	960	1972	3	0
540	Operational Storage	960	1972	0	0
541	Academic Instruction	960	?	3	0
542	Incinerator Building & Incinerator	432	?	0	0
543	Hobby Shop	9,000	1973	3	1
544	Hobby Shop	32,200	1974	2	0
545	POL OPN/Sampling/Test	1,586	1973	6	0
546	Dental/Medical Clinic	47,736	?	8	1
547	BEQ (includes A, B, and C)	53,100	1974	6	2
549	Avionics Shop	34,092	1975	10	2
554	Exchange Retail Store	22,200	1975	4	2
555	Housing/Environmental	4,788	?	8	1
556	Credit Union		?	8	0
561	Missile Magazine	2,160	1976	1	0
563	Standby Generator Building	320	1977	1	0
566	Administrative Office	6,800	1979	5	0
567	PW Maintenance Storage	9,600	1978	4	0
569	Administrative Office	4,032	1978	5	0
570	PW Maintenance Storage	64	1978	0	0
732	Misc. Personnel Weather Shelter	360	1974	1	0
733	Misc. Personnel Weather Shelter	360	1974	1	0
734	Misc. Personnel Weather Shelter	360	1974	0	0

Source: Tetra Tech, NAS Moffett Field Asbestos Survey 1992.

\* Particulates (Part), Organics (Org), Oxides of Nitrogen (NO<sub>x</sub>), Sulfur Dioxide (SO<sub>2</sub>), Carbon Monoxide (CO)

Three asbestos surveys have been conducted at NAS Moffett Field. A limited survey of the housing units (57 structures) was conducted by the Navy in 1988, and a basewide survey was conducted in 1993. These surveys identified both assumed and suspect ACMs as per the sampling protocol established by AHERA rules and regulations.

A survey of 55 structures and the steam distribution system was performed. Four buildings contained confirmed ACMs, 38 contained assumed ACMs, and 16 contained no ACMs (NAS Moffett Field 1993i).

Samples of the most recent survey were collected from 195 facilities, which identified 752 assumed ACMs and 328 confirmed ACMs. Areas in which asbestos was discovered included pipe lagging, floor and ceiling tile, wallboard, water lines, and gasket material (Tetra Tech 1993). The buildings with assumed and confirmed ACMs are identified in Table 2-12 and in the parcel profile (see Chapter 4) by facility number.

#### **2.14.6 LEAD PAINT SITES**

There is currently no federal policy on lead-based paint. However, surface soils have been sampled for lead under a NASA Ames Research Center contract and a report was prepared (NASA Ames Research Center 1993f).

#### **2.14.7 HAZARDOUS MATERIALS/WASTES USE AND GENERATION POINTS**

The Resource Conservation and Recovery Act (RCRA) regulates the management of hazardous waste through an extensive system of tracking and recordkeeping, which involves hazardous waste manifesting and permitting of treatment storage and disposal (TSD) facilities. States may be delegated by the authority to run the hazardous waste management responsibilities under RCRA, including management of the TSD permits and optionally may adopt more stringent requirements than the federal law. These state laws are applicable to Navy facilities.

Hazardous materials management practices by naval facilities that generate, transport, treat, store, or dispose of hazardous materials are defined in guidelines specified in OPNAVINST 5090.1A (April 1990). Included within these guidelines are the required notifications to EPA of activities using hazardous materials, compliance with RCRA and other federal laws, as well as compliance with applicable state and local statutes.

NAS Moffett Field personnel inspected 61 buildings suspected of having stored or used hazardous materials or having been impacted by hazardous waste. Thirty-four buildings that could be impacted by hazardous materials or wastes have been identified and a characterization of these areas is proposed.

**Hazardous Waste Management Plan.** A Hazardous Waste Management Plan (HWMP) was drafted in 1991 to ensure that NAS Moffett Field's program meets all federal, state, and local regulations (NAS Moffett Field 1991b).

**Hazardous Waste Minimization Plan.** A Used Oil and Solvent Recycling Management Plan was completed for NAS Moffett Field in October 1989.

**Other Hazardous Materials Plans.** NAS Moffett Field's Spill Contingency Plan was completed in February 1989. It contains a thorough coverage of response organization and procedures, and site-specific spill contingency plans (91-00). NAS Moffett Field's Hazard Communication (HAZCOM) Program Plan identifies sources of information regarding hazardous materials (NAS Moffett Field 1990b) and defines procedures used to disseminate information concerning the use, storage, and disposal of hazardous materials and waste.

**Treatment, Storage, and Disposal Facilities.** There are two hazardous waste accumulation points at NAS Moffett Field. One accumulation facility, building 498, is located between Hangars 2 and 3; the other facility is located at Building 250. A third accumulation point located at building 120 was closed in September 1993 (Duchesne, personal communication 1993). Wastes generated at NAS Moffett Field are temporarily held at these facilities before being shipped to an offsite treatment, storage, and disposal facility. All wastes from NAS Moffett Field are shipped offsite within 90 days of generation.

#### **2.14.8 MATERIAL SAFETY DATA SHEETS**

The Occupational Safety and Health Administration (OSHA) requires that all users of large quantities of hazardous materials maintain material safety data sheets (MSDS) on the site of use. The MSDSs are supplied by the manufacturer of the material to customers whose use exceeds normal "household" levels. Under SARA Title III, MSDSs must be kept on site for viewing by the public and any employees who want to know the types of materials being used by a facility or individual. A listing of chemicals that the Navy maintained MSDSs for are included in Appendix A.

#### **2.14.9 AIR EMISSION SOURCES**

**Stationary Sources.** NAS Moffett Field operates several facilities that regularly emit air pollutants. Facilities that have been permitted by the Bay Area Air Quality Management District (BAAQMD) include boilers, incinerators, paint spray booths, and fueling equipment. There are 75 permitted sources. These permitted sources are listed in Table 2-13, which also shows the annual emissions quantities of these five criteria pollutants as generated at NAS Moffett Field. NAS Moffett Field emits several toxic pollutants and was previously listed on the AB 2588 "Hot Spots" list. The emissions were associated with fueling activities and included benzene, formaldehyde, toluene, xylene, methylene chloride, and ethylene glycol butyl ether (Tetra Tech 1990) mainly due to the closure of the NEX gas station. NAS Moffett Field is no longer on the Hot Spots list.

**Mobile Sources.** Several types of transportation vehicles are used at NAS Moffett Field. These include light and heavy duty motor vehicles, as well as many types of aircraft, all of which emit the five BAAQMD "criteria pollutants" identified in Section 2.6.2., Air Quality. The greatest pollutants are the indirect emissions from automobiles used by military and civilian employees for trips to and from the base. Recent ground traffic patterns and volumes, as described in Section 2.11, Traffic, were used to estimate mobile source emissions. Peak hour emissions from on-base and off-base traffic are summarized in Table 2-14.

#### **2.14.10 RADON**

Federal law requires every federal department or agency that owns federal buildings to conduct a study of the amount of radon contamination in those buildings. Navy policy also requires that all buildings and housing units occupied for more than four hours per day be tested for radon gas. Any structure that has radiation levels greater than four pico-curies per liter needs to have mitigation actions performed on it. The Navy radon assessment and mitigation programs created a four-step process that involves screening, assessment, mitigation, and post-mitigation.

NAS Moffett Field's initial screening process of the housing units showed high levels of radon. Therefore the assessment phase began by installing 807 radon detectors in housing units in March 1993. Between October 1993 and January 1994, the canisters were removed. The radon levels in housing are below EPA guidelines. Therefore, additional radon testing or mitigation is not required at this time. The only non-housing areas screened were the Chico Cala Center and Building 153; the screens did not indicate high levels of radon (NAS Moffett Field 1993d).

#### **2.14.11 FREON**

The Navy implemented a Freon recycling program in 1993. Six Freon recycling units have been installed at Public Works, AIMD, and Operations. All Freon used on this base is recycled through these six units. Certification for these units was requested from the U.S. EPA in August 1993 (NAS Moffett Field 1993d).

**TABLE 2-13  
ANNUAL CRITERIA POLLUTANT EMISSIONS BY SOURCE**

Source Description	Annual Average lbs/day				
	Part *	Org *	NOx *	SO <sub>2</sub> *	CO *
Steam and Heating Plant Boiler, Bldg. #10-1	1	2	35		10
Boiler, Bldg. #20-1					
Firetube Boiler, Comb Oil/Gas Fired			2		
Firetube Boiler, Comb Oil/Gas Fired			2		
Boiler, Bldg. #256-1 Bryant			1		
Boiler, Bldg. #546-1 Iron Fireman			1		
Tank #58 Diesel (DF-2) Storage/Issue					
Tank #59 Diesel (DF-2) Storage/Issue					
Tank #60 Receipt Tank					
Tank #135 Load Rack Supply Tank					
#137 Bulk Storage Tank		2			
#138 Bulk Storage Tank		17			
#139 Bulk Storage Tank, JP-5		17			
#140 Bulk Storage Tank		17			
#253 Day Tank		17			
Tank #363 JP-5 Storage		65			
Tank #360 JP-5 Storage					
#361 Off Spec JP-5 Storage					
Tank #362 JP-5 Storage					
MG-23BB Aircraft Direct Fueling Station In		84			
Bldg. #141, In Conjunction With Tank #135		1			
Public Works Transportation Division		1			
Bldg. #387, Pipe Connection For Dispensing					
PW/Welding Shop					
Arc & Acetylene Welding B544					
Paint Spray Booth H-3		1			
Paint Stripping H-3					
Tig Arc Welding H-3					
Cold Carbon Cleaning Tank H-3					

**TABLE 2-13 (Continued)  
ANNUAL CRITERIA POLLUTANT EMISSIONS BY SOURCE**

Source Description	Annual Average lbs/day				
	Part *	Org *	NOx *	SO <sub>2</sub> *	CO *
Degreaser					
Degreaser					
Blasting, Walnut Shell H-3					
Blasting, Glass Bead H-3					
Cold Carbon Cleaning Tank H-3					
Degreaser H-3					
Paint Spray Booth H-3 with Water Curtain					
Blasting, Glass Bead/Alum Oxide H-3					
Welding H-3					
Sawdust (Carpenter Shop) B-16					
Woodworking, Sawdust B144					
Welding B-483					
Paint Spray Booth B-483		I			
Degreaser B-483					
Blasting, Hydro Sand B-483	I				
Welding B-146					
Welding B-15					
Boiler B549-2			I		
Boiler B158					
Storage Tank emergency generator B-580					
Storage Tank emergency generator B300-301					
Golf Course Maintenance Yard					
Auto Spray Booth					
Abrasive Blasting Booth with Integral Filter					
Cold Cleaner		I			
Abrasive Blaster (Bldg. 146)					
Cold Cleaner					
Cold Cleaner					

**TABLE 2-13 (Continued)  
ANNUAL CRITERIA POLLUTANT EMISSIONS BY SOURCE**

Source Description	Annual Average lbs/day				
	Part *	Org *	NOx *	SO <sub>2</sub> *	CO *
Cold Cleaner					
Firetube Boiler #2 Bldg. #10					
Cold Cleaner (Hangar 3)					
ARC Welder B683					
Oxy/Acetylene & Arc Welding					
Plastic Media Blaster					
Abrasive Cleaner with Abatement					
Oil Tank for Oil Fired Heater B-680					
Oil Tank for Oil Fired Heater					
Oil Tank for Oil Fired Heaters B-683					
Heating/Ventilation System Bldg. 680 CANG					
Heating/Ventilation System B12681 CANG					
Heating/Ventilation system Bldg. 683 CANG					
Degreaser					
Vacuum Cleaning Equipment					
Vacuum Cleaning System					
Vacuum Cleaning Equipment					
Bioremediation System (Process 1)					
Bioremediation System (Process)					
<b>Total</b>	<b>2</b>	<b>226</b>	<b>42</b>	<b>0</b>	<b>10</b>

Source: NAS Moffett Field 1993d

**TABLE 2-14  
PEAK HOUR MOBILE SOURCE EMISSIONS  
NAVAL AIR STATION MOFFETT FIELD**

Source	Pollutant Emissions (pounds)				
	CO	SO <sub>2</sub>	NO <sub>x</sub>	Particulate	HC
Moffett Field/NASA Ames Traffic	38.98	0.38	3.04	0.57	1.90
Area Traffic	410.06	9.43	80.39	13.92	26.59

Source: California Air Resources Board California Air Quality Data (1991)

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## 3.0 METHODOLOGY

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The purpose of this baseline environmental report (BER) is to provide the basis for a categorical exclusion to comply with NEPA for the transfer of NAS Moffett Field to NASA and the Onizuka Air Force Base. This BER identifies data gaps and areas where additional sampling and testing may be required and uses existing data to evaluate potential risks at the site. It is based on a comprehensive records search and visual site inspection of NAS Moffett Field.

### 3.1 APPROACH

An extensive records search, a historic land use survey, and a site inspection were conducted. Each task is discussed in detail below.

#### 3.1.1 Records Search

The records search of available documentation focused on files and records maintained by the Western Division Naval Facilities Engineering Command, Environmental Planning Branch (WestDiv) in San Bruno; NAS Moffett Field; NASA; the Regional Water Quality Control Board; and the Navy Public Works Center, San Francisco. As shown in Table 3-1, other federal, state and local agencies were contacted.

#### 3.1.2 Historical Land Use Analysis

An analysis of historic land use patterns at NAS Moffett Field was conducted to identify those uses that may have resulted in or contributed to environmental contamination or other concerns. This analysis involved the preparation of an inventory of all buildings and facilities that could be identified from historic facility inventories, installation maps, and aerial photographs. Historic topographic and land use maps at the UC Berkeley library were reviewed. Aerial photographs were reviewed at Pacific Aerial Surveys in Oakland, California.

#### 3.1.3 Site Inspection

Site inspections of all facilities and areas of the station were conducted as part of the BER. The inspections involved photographic documentation of those facilities and areas identified during the records search as having the potential for environmental contamination or concerns. The inspections were conducted to determine or confirm the presence of environmentally hazardous conditions or concerns, including unusual odors, stained soils, stressed vegetation, seeping leachate, or other indications of potential contamination.

### 3.2 ASSESSMENT METHODOLOGY

#### 3.2.1 Inventory of Environmental Factors

This task involved the compiling of inventory lists for the following environmental factors as described in Section 2.14: IRP sites (Section 2.14.1), storage tanks (Section 2.14.3), asbestos-containing buildings (Section 2.14.5), polychlorinated biphenyl sites (Section 2.14.4), hazardous materials/waste use generation sites (Section 2.14.7) air emission sources (Section 2.14.9), radon (Section 2.14.10), and freon (Section 2.14.11). Table 3-2 summarizes environmental topics addressed within the documents reviewed for this BER.

**TABLE 3-1**  
**LIST OF AGENCIES CONTACTED FOR NAS MOFFETT FIELD BER**

**FEDERAL**

Department of the Navy:

- NAS Moffett Field
- NAS Alameda
- Western Division Naval Facilities Engineering Command  
Environmental Planning Branch (WESTDIV in San Bruno)
- Navy Public Works Center, San Francisco

Environmental Protection Agency

Federal Aviation Administration

National Aeronautical Space Administration

United States Department of Fish and Wildlife

United States Geological Survey

**STATE**

California Department of Fish and Game

California Department of Transportation

California Department of Water Resources

California Environmental Protection Agency, Department of Toxic Substances Control

California Regional Water Quality Control Board

California State Historic Preservation Office

California Waste Management Board

**REGIONAL AND LOCAL**

Association of Bay Area Governments

Bay Area Air Quality Management District

Hayward Airport

Metropolitan Transportation Commission

Mountain View Department of Transportation

Mountain View Planning Department

Oakland International Airport

Palo Alto Airport

San Carlos Airport

San Francisco Bay Conservation and Development Commission

San Francisco International Airport

San Jose International Airport

Santa Clara Valley Water District

Sunnyvale Planning Department

### **3.2.2 Facility Descriptions**

This task involved evaluating specific facilities to assess unique characteristics and potential environmental concerns. Each base facility was characterized, and those facilities with similar environmental conditions were divided into parcels. A summary of parcel conditions is provided in Section C. Summaries of facility conditions are included in each parcel profile.

### **3.2.3 Evaluation of Study Areas**

NAS Moffett Field was partitioned into 31 discrete parcels.

The parcelization was governed by several factors. Primary consideration was given to parcels with known environmental issues, because these conditions could preclude or constrain reuse. Environmental issues used as the basis for evaluation were defined as the continued presence of soil or ground water contamination; the presence of PCB-containing equipment, especially if leaking; documented non-point source discharges; and the documented presence of ammunition.

On certain parcels with suspect environmental issues, it was not possible to identify the full range of issues, because documentation is not available for areas where past or present land uses could have contributed to the contamination of site soils or water resources. Often, such issues are being investigated but results are not available. Any ongoing reports have been identified throughout Section 2. Unknown issues include the presence of lead in drinking water, the extent of confirmed asbestos-containing materials, the status of non-point source discharge (including agricultural discharge), and the use of pesticides in the agricultural outleases. These issues have been identified in parcel profiles where applicable.

Each parcel profile is ascribed by its use, location, size, historic use, current use, known environmental issues, known hazardous materials issues, and data gaps.

Environmental issues may include the presence of endangered or threatened species, sensitive habitats, or significant vegetation. Known hazardous materials issues include the recent reported use of hazardous materials, the results of past environmental investigations, the number of storage tanks, and the presence of asbestos.

TABLE 3-2

REFERENCES BY ENVIRONMENTAL TOPICS

	ENVIRONMENTAL TOPICS									
	Asbestos	Discharges (Storm)	Ground Water Contamination	Hazardous Materials	Installation Restoration Program	Lead	Pesticides	Polychlorinated Biphenyls	Underground Storage Tank	Other Environmental Issues
Agency for Toxic Substances and Disease Registry. 1989. <i>Health Assessment for Moffett Naval Air Station National Priorities List (NPL) Site.</i>				X						Health assessment
Association of Bay Area Governments (ABAG). 1989. <i>The Bay Trail Plan.</i>										Visual resources, land use
Basin Research Associates. 1991. <i>Archeological Overview &amp; Survey: NAS Moffett Field &amp; NALF Crows Landing.</i> Prepared for Western Division Naval Facilities Engineering Command. Revised December 1991.										Archeology
Bentley Engineering Company. 1992. <i>Engineering Study, Conditions of Existing Jet Fuel System 2nd Modifications for Continuous Usage.</i>				X						
1993. <i>Phase I Environmental Baseline Survey Air Force Transfer Properties, NAS Moffett--Santa Clara County, California.</i> June 18, 1993.	X	X	X	X	X	X	X	X	X	
Boeing Aerospace Operations, Inc. 1992. <i>Investigations of Buildings 5, 19, 144, and 241.</i>				X				X	X	
1993. <i>Final Position Paper regarding the Re-Use of Building 19 (Memorandum).</i> June 8, 1993.				X				X	X	
1993. <i>Golf Maintenance Shop Assessment Buildings 359, 376, 399, 409, 471, 107, 108, 109, 501, 555, 566, and Assessment of Former Buildings 95, 96, 100, and 101.</i> June 8, 1993.				X				X	X	
1993a. <i>Preliminary Site Assessment Building 45.</i>				X				X	X	
1993b. <i>Report of Findings Phase I Building Assessment Building 45.</i> April 1993.				X				X	X	
1993c. <i>Draft Report of Findings Phase 1 Building Assessments Buildings 680-684, 686.</i> June 1993.				X				X	X	
1993d. <i>Draft Report of Findings Phase I Building Assessments Buildings 548, 549, and 575.</i> June 1993.				X				X	X	
1993e. Memorandum re: Aboveground Tanks 92 and 93.				X				X	X	
1993f. <i>U.S. Navy Comments on Preliminary Site Assessment, Bldg. 45, Naval Air Station Moffett Field.</i>				X				X	X	

TABLE 3-2

REFERENCES BY ENVIRONMENTAL TOPICS

	ENVIRONMENTAL TOPICS									
	Asbestos	Discharges (Storm)	Ground Water Contamination	Hazardous Materials	Installation Restoration Program	Lead	Pesticides	Polychlorinated Biphenyls	Underground Storage Tank	Other Environmental Issues
Bolt Beranek & Newman, Inc. 1981. <i>Moffett Field Naval Air Station, Noise Survey</i> . April 1981.										Noise
Camp Dresser & McKee, Inc. 1992. <i>Environmental Resources Document for the National Aeronautics and Space Administration Ames Research Center, Moffett Field, California</i> . June 1992.										Natural resources
Chemical Waste Management, Inc. 1993a. <i>Level 1 Environmental Site Assessment. Hangar 1, Bldgs. 32, 33, 83, 118, 119, 120, 347 and 584, Naval Air Station, Moffett Field, California</i> .				X				X	X	
1993b. <i>Preliminary Assessment Hangar 2 NAS Moffett Field</i> . January 30, 1993.				X				X	X	
1993c. <i>Phase I Environmental Site Assessment - Buildings 580, 15, 16, 256, 545 and 567</i> .				X				X	X	
1993d. <i>Phase I Environmental Site Assessment, Building 567, Public Works Warehouse, NAS Moffett Field</i> . Draft Report. February 15, 1993.				X				X	X	
1993e. <i>Phase I Environmental Site Assessment, Building 109, Physical Conditioning/Pool Dress Facility, Ancillary Building: 108, Naval Air Station Moffett Field, California</i> . Final draft report. September 30, 1993.				X				X	X	
1993f. <i>Phase I Environmental Site Assessment, Building 158, Ancillary Buildings 382 &amp; 464, NAS Moffett Field, California</i> . Final draft report. September 30, 1993.				X				X	X	
1993g. <i>Phase I Environmental Site Assessment, Area 2, Buildings 111, 161, 184, 250, 251, 258, 343, 544, 572, NAS Moffett Field, California</i> . Draft report. April 23, 1993.				X				X	X	
1993h. <i>Phase I Environmental Site Assessment, Building 580, Fire Station, NAS Moffett Field, California</i> . Draft report. February 15, 1993.				X				X	X	
1993i. <i>Phase I Environmental Site Assessment, Building 545, NAS Moffett Field, California</i> . Draft report. February 15, 1993.				X				X	X	

TABLE 3-2

REFERENCES BY ENVIRONMENTAL TOPICS

	ENVIRONMENTAL TOPICS									
	Asbestos	Discharges (Storm)	Ground Water Contamination	Hazardous Materials	Installation Restoration Program	Lead	Pesticides	Polychlorinated Biphenyls	Underground Storage Tank	Other Environmental Issues
1993j. <i>Phase I Environmental Site Assessment, Buildings 15, 76, 81, 115, and 460, NAS Moffett Field, California.</i> Draft report. February 15, 1993.				X				X	X	
1993k. <i>Phase I Environmental Site Assessment, Buildings 16, 117, 482, NAS Moffett Field, California.</i> Draft report. February 15, 1993.				X				X	X	
1993l. <i>Phase I Environmental Site Assessment, Building 242, NAS Moffett Field, California.</i> Draft report. March 15, 1993.				X				X	X	
1993m. <i>Phase I Environmental Site Assessment, Building 256, NAS Moffett Field, California.</i> Draft report. February 15, 1993.				X				X	X	
Cook, S.F. 1943. <i>The Conflict Between the California Indian and White Civilization I: The Indian Versus the Spanish Mission</i> (Ibero-Americana, No. 21).										Historic resources
Curtis & Tompkins, Ltd. 1992. <i>Sample Data Sheets.</i>			X							
Dames & Moore. 1988. <i>Report of Waste Discharge Industrial Wastewater Flux Ponds, Naval Air Station, Moffett Field, California.</i> March 1988.				X						Industrial discharge
Dibblee, T.W. 1966. <i>Geology of the Palo Alto Quadrangle</i> (Map).										Geology
Earth Science Associates. 1986a. <i>Work Plan for Step II Confirmation Study (Characterization Step) for Naval Air Station, Moffett Field, California.</i> February 1986.			X	X	X			X	X	
1986b. <i>Assessment of Potential for Public/Private Wells at Naval Air Station, Moffett Field, California, to Act as Conduits for Inter-Aquifer Cross-Contamination.</i> March 1986.			X							
1986c. <i>Confirmation Study (Verification Step) Volumes I and II and Appendix.</i> April 1986.			X	X	X			X	X	
EBASCO Services, Inc. 1989. <i>NASA Site Inspection Report.</i> April 1989.			X	X				X	X	
Environ, in association with Madrone Associates. 1981. <i>Draft Environmental Assessment for Storm Drainage Project, Naval Air Station, Moffett Field, California.</i> June 4, 1981.		X								

TABLE 3-2

REFERENCES BY ENVIRONMENTAL TOPICS

	ENVIRONMENTAL TOPICS									
	Asbestos	Discharges (Storm)	Ground Water Contamination	Hazardous Materials	Installation Restoration Program	Lead	Pesticides	Polychlorinated Biphenyls	Underground Storage Tank	Other Environmental Issues
Environmental Impact Planning Corporation. 1981. <i>Environmental Assessment for Navy and Air Force Family Housing, Naval Air Station Moffett Field, California.</i> April 1981.			X	X		X	X	X	X	
Erler & Kalimowski, Inc. 1992. <i>Listing Site Inspection for NASA Ames Research Center.</i> June 8, 1992.				X						
ERM-West. 1987a. <i>Investigation of Potential Soil and Ground Water Contamination Near Tanks 19 and 20, Tank 66 (Sump), and Tanks 67 and 68, Moffett Naval Air Station, California.</i>			X	X					X	
1987c. <i>Technical Proposal for Monitoring Active Underground Storage Tanks at NAS Moffett Field.</i> December 1987.									X	
1987d. <i>Final Report, Naval Air Station Moffett Field, Tank Testing Study.</i> June 2, 1987.									X	
ERM-West/Aqua Resources. 1986a. <i>Final Report, Industrial Waste Engineering Study, Naval Air Station, Moffett Field, California.</i> April 28, 1986.										
1986b. <i>Hazardous Materials Underground Storage Tank Study, Naval Air Station Moffett Field, California.</i> June 2, 1986.			X	X					X	
Evans, W.A., OS&H Manager, Department Heads/Special Assistance. 1990. <i>Hazardous Material Inventory.</i>				X						
Gast, Gerald and H.K. Lim and Associates. 1983. <i>Base Exterior Architecture Plan, Naval Air Station, Moffett Field, California.</i> June 1, 1983.										Architecture
Geo/Resources. 1987. <i>Soil Sampling at the Pesticide Storage Facility, Building 251.</i>				X			X			
Gerow, B. and R. Force. 1968. <i>An Analysis of the University Village Complex with a Reappraisal of Central California Architecture.</i>										Architecture
Harding Lawson Associates. 1987. <i>Subsurface Hazardous Materials Investigations, NAS Moffett Field Environmental Sites.</i>			X	X						
1993. <i>Summary of Potential Source Areas, NAS Moffett Field.</i> May 17, 1993.			X							
Harlow, D.L. 1981. <i>Informal Consultation of Storm Drainage Project at NAS Moffett Field.</i>		X								

TABLE 3-2

REFERENCES BY ENVIRONMENTAL TOPICS

	ENVIRONMENTAL TOPICS									
	Asbestos	Discharges (Storm)	Ground Water Contamination	Hazardous Materials	Installation Restoration Program	Lead	Pesticides	Polychlorinated Biphenyls	Underground Storage Tank	Other Environmental Issues
Harrington, J.P. 1942. <i>Culture Element Distributions, XIX: Central California Coast</i> . University of California Anthropological Records.										Anthropology
Hass, J. 1991. Memorandum re: Results of Preliminary Saltmarsh Harvest Mouse Survey.										Endangered species
Hazardous Waste Remedial Program, Oak Ridge, Tennessee. 1993. <i>RI Report OU1 Landfill Sites 1 and 2, Volume I</i> .					X					
IT Corporation. 1982. <i>Traffic Engineering Study, NAS Moffett Field, MTMC Report TE 81-6a-58</i> .										Traffic
1988a. <i>Final Work Plan for Remedial Investigation at Naval Air Station, Moffett Field, California, Volume I: Work Plan</i> . March 30, 1988.					X					
1988b. <i>Final Work Plan for Remedial Investigation at Naval Air Station Moffett Field, California, Volume II: Sampling and Analysis Plan</i> . March 30, 1988.					X					
1988c. <i>Removal Action Plan for Tanks 2, 14, 43, 53, 67, 68, and Sump 66, Naval Air Station, Moffett Field, California</i> . August 1988.								X		
1988d. <i>Technical Specifications for Construction Bid Document for Removal of Underground Storage Tanks 2, 14, 43, and 53, Naval Air Station, Moffett Field, California</i> . April 1988.								X		
1989. <i>Draft Project Management Plan for Remedial Investigation/Feasibility Studies at Naval Air Station, Moffett Field, California</i> . October 1989.				X	X					
1989a. <i>Solid Waste Assessment Test, Volume I, Naval Air Station, Moffett Field, California, Remedial Investigation/Feasibility Study</i> . March 1989.				X	X					
1989b. <i>Solid Waste Assessment Test, Volume 2, Appendices A-F, Naval Air Station Moffett Field, California, Remedial Investigation/Feasibility Study</i> . March 1989.				X	X					
1989c. <i>Solid Waste Assessment Test, Volume 3, Appendix G, Naval Air Station, Moffett Field, California. Remedial Investigation/Feasibility Study</i> . March 1989.				X	X					
1992. <i>Remedial Investigation Report Operable Unit 4: West Side Aquifers, NAS Moffett Field, California</i> . August 1992.			X	X	X	X	X	X	X	

TABLE 3-2

REFERENCES BY ENVIRONMENTAL TOPICS

	ENVIRONMENTAL TOPICS									
	Asbestos	Discharges (Storm)	Ground Water Contamination	Hazardous Materials	Installation Restoration Program	Lead	Pesticides	Polychlorinated Biphenyls	Underground Storage Tank	Other Environmental Issues
1993a. Remedial Investigation Report Operable Unit 1. March 1993.			X	X	X	X	X	X	X	
1993b. Remedial Investigation, Report Operable Unit 2, Sites 3-11, 13, 14, 16-19 Soils, NAS Moffett Field, California. May 1993.			X	X	X	X	X	X	X	
1993c. West Side Ground Water Site Characterization, Volumes 1 through 4.			X	X	X	X	X	X	X	
1993d. Remedial Investigation, Operable Unit 5, Volumes 1 and 2.			X	X	X	X	X	X	X	
Kaldveer Associates. 1990. Soil and Ground Water Testing for Fiscal Year 90 New Family Housing, Project HO78.			X	X						
Kennedy/Jenks/Chilton. 1987. Sampling Plan, Naval Air Station, Moffett Field, California. June 1987.			X	X						
1988. Active Wells Report, Potential Conduits Investigation, Naval Air Station, Moffett Field, California. November 1988.			X							
King, C. 1977. Costanoan Ethnographic Setting. (In Final Report of Archeological Test Excavations for Construction of Freeway 04-Sc1-10.)										Cultural resources
Kroeber, A.L. 1925. Handbook of the Indians of California. Smithsonian Institution Bureau of American Ethnology.										Cultural resources
Levy, R.A. 1978. Handbook of North American Indians. Volume 8, California. Smithsonian Institution, Washington, D.C.										Cultural resources
Montgomery, James M., Consulting Engineers. 1993. Soil Gas Points at Inferred Sources 8 & 9.				X						Soil gas
1992a. RI/FS Study Draft OU1 Screening.				X	X					
1992b. Additional Sites Investigation/ Feasibility Study.				X	X				X	
Moratto, M.J. 1984. California Archeology. Academic Press, New York.										Archeology
NASA Ames Research Center. 1977. Final Institutional Environmental Impact Statement.										Natural resources
Undated. Moffett Field Development Project, Naval Air Station Moffett Field Asbestos Information.	X									
1992. NAS Moffett Field Existing Conditions Report, Phase II.	X	X	X	X	X	X	X	X	X	

TABLE 3-2

REFERENCES BY ENVIRONMENTAL TOPICS

	ENVIRONMENTAL TOPICS								Other Environmental Issues	
	Asbestos	Discharges (Storm)	Ground Water Contamination	Hazardous Materials	Installation Restoration Program	Lead	Pesticides	Polychlorinated Biphenyls		Underground Storage Tank
1993a. <i>Operations and Integration Moffett Field Development Project Office. Report on the Infrastructure of Naval Air Station Moffett Field. February 26, 1993. Revision 1.</i>										Civil engineering
1993b. <i>Preliminary Site Assessment NAS Moffett Field, Bldgs. 146 and 146B. Santa Clara County, CA.</i>				X				X	X	
1993c. Tank Summary Tables.									X	
1993d. Building 88 Reuse (Memorandum).				X				X	X	
1993e. <i>Position Paper Photo Lab Building 19.</i>				X				X	X	
NAS Moffett Field. 1980. Request for Proposal: 270 Family Housing Units, Naval Air Station, Moffett Field, Defense Housing Complex, South Bay, San Francisco, California.				X						
1989. <i>CY 1989 Hazardous Waste Annual Report. January 31, 1990.</i>				X						
1989a. <i>CY 1988. Hazardous Waste Annual Report. January 19, 1989.</i>				X						
1989b. <i>Hazardous Material Inventory. February 7, 1989.</i>				X						
1990. Memorandum re: Interim Historic and Archeological Resources Protection Plan.										Archeology
1990a. <i>Secretary of the Navy, Environmental Management Award Report for 1988-1989.</i>	X			X		X	X	X	X	
1990b. <i>Hazard Communication Program Plan for NAS Moffett Field.</i>				X						
1990c. <i>Base Realignment and Closure Review. March 29, 1990.</i>	X	X	X	X	X	X	X	X	X	
1991. <i>Hazardous Substance Spill Contingency Plan, Naval Air Station, Moffett Field. January 1991.</i>				X						
1993. West Side Aquifers Soil Boring and Monitoring Well Locations.			X							
1993a. <i>Comments on Preliminary Assessments: Aboveground Tanks 92 &amp; 93 - Bldgs. 146 &amp; 146a, Area 2, and Bldgs. 10 &amp; 543.</i>										Aboveground storage tanks
1993b. <i>A Survey of the San Francisco Forktail Damselfly, Ischnura gemina, at NAS Moffett Field, California.</i>										Endangered species

TABLE 3-2

REFERENCES BY ENVIRONMENTAL TOPICS

	ENVIRONMENTAL TOPICS								Other Environmental Issues	
	Asbestos	Discharges (Storm)	Ground Water Contamination	Hazardous Materials	Installation Restoration Program	Lead	Pesticides	Polychlorinated Biphenyls		Underground Storage Tank
1993c. <i>Draft Tenant List.</i>										Tenants
1993d. <i>Unpublished Memorandum re: Environmental Compliance Audits.</i>	X	X		X		X	X	X	X	Environmental compliance
1993e. <i>Tank Summary Table, Unpublished.</i>									X	
1993f. <i>Draft PCB Survey.</i>							X			
1993g. Memorandum re: Solid Waste Annual Report for Fiscal Year 1992. February 5, 1993.										Solid waste
1993h. Memorandum re: Environmental Compliance Self Evaluation. September 1993.	X	X		X		X	X	X	X	Environmental compliance
National Institute for Petroleum & Energy Research for NEESA. 1989. <i>Used Oil and Solvent Recycling Management Program.</i> October 1989.										Recycling
NEESA (Naval Energy and Environmental Support Activity), Port Hueneme. 1989. <i>Used Oil and Solvent Recycling Management Plan, Naval Air Station, Moffett Field, California, NEESA 19.1-047.</i> October 1989.										Recycling
1984. <i>Initial Assessment Study of Naval Air Station, Moffett Field, Sunnyvale, California.</i> March 1984.			X	X					X	
1989a. <i>Hazardous Waste Minimization Plan for Naval Air Station, Moffett Field, California.</i>				X						
Nelson, Nels. 1909. <i>Shellmounds of the San Francisco Bay.</i> University of California Publications in American Archeology and Ethnology.										Cultural resources
Nichols and Wright. 1971. Preliminary Map of Historic Margins of Marshland, San Francisco Bay, California. U.S. Geological Survey Open File Report.										Historic resources
Nolte, George S, and Associates. 1978. <i>Storm Drainage Study, NAS Moffett Field.</i> December 1978.		X								
PRC Environmental Management, Inc. 1983a. <i>Phase II and III Hydrogeologic Investigation.</i>			X							
1983b. <i>Phase IV and V Hydrogeologic Investigation.</i>			X							
1989. <i>Preliminary Assessment Report of Outlying Areas.</i>										Natural resources

TABLE 3-2

REFERENCES BY ENVIRONMENTAL TOPICS

	ENVIRONMENTAL TOPICS									
	Asbestos	Discharges (Storm)	Ground Water Contamination	Hazardous Materials	Installation Restoration Program	Lead	Pesticides	Polychlorinated Biphenyls	Underground Storage Tank	Other Environmental Issues
1989. U.S. Navy Plan for Evaluation and Closure of Abandoned Wells.			X							
1989. Well Closure of Nine Suspected Wells - Work Plan.			X	X						
1990a. Site 12 Fire Fighting Training Area, Draft Field Work Plan. June 15, 1990.			X	X	X					
1990b. Site 14 Fuel Storage Area Action Memorandum.			X	X	X			X		
1990c. Naval Air Station Moffett Field, Mountain View, California. Site 12 Fire Fighting Training Area Action Memorandum. September 1990.			X	X	X			X		
1990d. Naval Exchange Service Station Building 503, Underground Storage Tank Removal, Interim Remediation Report. December 28, 1990.				X				X		
1991b. Site 8 Waste Oil Transfer Area, Final Action Memorandum. May 1, 1991.				X						
1991c. Draft Tank and Sump Removal Summary Report and Appendices. April 30, 1991.			X	X				X		
1991d. North Base Area, Field Investigation Report. July 18, 1991.			X	X				X		
1991e. Tank and Sump Removal Summary Report. July 15, 1991.			X	X				X		
1991f. Draft Storm Water Study--Tanks 4 to 6, Storm Water Characterization, Control Strategies & Special Studies, NAS Moffett.		X								
1991g. Draft Comprehensive Long-Term Environmental Action U.S. Navy (CLEAN).										
1991h. Phase I Tank and Sump Removal/Well Install Work Plans.			X	X				X		
1991i. Draft Site 9 -- Field Investigation -- Technical Memorandum -- Volume 1. October 4, 1991.			X	X				X		
1992a. Nature and Extent of Contamination, Draft Technical Memorandum. March 23, 1992.			X	X						
1992b. Technical Memorandum: Geology and Hydrogeology, Final Draft. February 19, 1992.			X	X						Geology
1992c. North Base Area, Hydrogeologic Investigation, Draft Final Report. October 9, 1992.			X	X						

TABLE 3-2

REFERENCES BY  
ENVIRONMENTAL TOPICS

	ENVIRONMENTAL TOPICS									
	Asbestos	Discharges (Storm)	Ground Water Contamination	Hazardous Materials	Installation Restoration Program	Lead	Pesticides	Polychlorinated Biphenyls	Underground Storage Tank	Other Environmental Issues
1992d. <i>Nonaqueous Phase Liquids in Subsurface Environments, Draft Final Technical Memorandum.</i>			X	X						
1992e. <i>Additional Sites Investigation Report, Draft Final.</i> December 9, 1992.			X	X						
1992f. <i>Additional Tank and Sump Field Investigation Technical Memorandum.</i> December 22, 1992.								X		
1992g. <i>RI Report - OU 4 - West Side Aquifers - Text, Tables and Figures, Vol. I.</i>			X	X	X					
1992h. <i>Remedial Investigation - OU2 - Tables and Figures.</i>			X	X	X					
1992i. <i>Site Investigation Former Locations of Tanks 109 and 117, Volumes I and II.</i> September 1992.								X		
1993a. <i>Draft Final Phase I Site-Wide Ecological Assessment Work Plan.</i> February 19, 1993.										Natural resources
1993b. <i>Naval Air Station Moffett Field, California, Additional Tank and Sump Field Investigation, Technical Memorandum.</i> March 22, 1993. November 22, 1992.								X		
1993c. <i>Draft West Side Aquifers Field Investigation Technical Memorandum, Volumes I and II.</i>			X	X						
1993d. <i>Sump Field Technical Memorandum.</i>			X							Sumps
1993e. <i>August 1992 Final Quarterly Report.</i> June 9, 1993.			X	X						
1993f. <i>Comments on Draft BER.</i> October 19, 1993.	X	X	X	X	X	X		X	X	
Palou, F.P. 1924. <i>Description of the Indians in the Vicinity of Mission San Francisco, 1776.</i> Franciscan Herald Press.										Cultural resources
Peninsula Times Tribune. 1990. <i>The 1990 Welcome Aboard Book for NAS Moffett Field.</i>										Cultural resources
Percy, Michael J., Environmental Planning Commission, City of Mountain View. 1990. <i>Naval Air Station Moffett Field Closure.</i> February 26, 1990.										Environmental planning
Quigley, S.T., Command Office, NAS, Moffett Field. 1990. <i>Base Realignment and Closure Review.</i>										Planning

TABLE 3-2

REFERENCES BY ENVIRONMENTAL TOPICS

	ENVIRONMENTAL TOPICS									
	Asbestos	Discharges (Storm)	Ground Water Contamination	Hazardous Materials	Installation Restoration Program	Lead	Pesticides	Polychlorinated Biphenyls	Underground Storage Tank	Other Environmental Issues
Romberg Tiburon Center for Environmental Studies. 1984. <i>Marsh Guide</i> .										Natural resources
Semprini, Lewis. Project Manager, Teman Engineering Center. 1989. <i>Information on Stanford Bioremediation Experiment Being Conducted at Naval Air Station, Moffett Field, California</i> . April 19, 1989.										Remediation
Tetra Tech. 1990. <i>Draft EIS for Candidate Base Closure Realignment in S.F. Bay Area</i> .										Planning
1992. <i>Asbestos Survey at NAS Moffett Field &amp; NALF Crows Landing Workplan</i> . December 1992.	X									
1993. <i>Field Investigation of Structures at NAS Moffett Field</i> .	X	X	X	X		X	X	X	X	
Trulio, Lynne. Undated. Memorandum re: Preliminary Data on the Demographic and Habitat Choice of Urban Burrowing Owls in Santa Clara County, California. Department of Geography and Environmental Studies, San Jose State University.										Endangered species
1992. Memorandum re: Quarterly Updates 1 through 5--Study of the Ecology of the Burrowing Owl at Moffett Naval Air Station.										Endangered species
URS Consultants, Inc. 1991. <i>Middlefield-Ellis-Whisman: Northern Plume Boundary Ground Water Sampling, January 1991</i> . Prepared for U.S. EPA. February 1991.			X							
Uribe and Associates. 1991a. <i>Bldg. 29 Area - Field Investigation - Technical Memorandum</i> .			X	X				X		
1991b. <i>Sampling Report Task 2: Soil Sampling at Building 144</i> .			X	X						
1991c. <i>Sampling Report Task 3: Soil Sampling at Building 241</i> .				X						Soil
1991d. <i>Sampling Report Task 4: Soil Sampling at Building 19</i> .				X						Soil
1993. <i>Report of Findings, PHASE 1 Building Assessments, Area 2 and Buildings 10 and 543</i> (Contract No. ARC860805). April 1993.				X				X		
U.S. Army Transportation Engineering Agency, Military Traffic Management and Terminal Service. 1973. <i>Traffic Engineering - Planning Study, Naval Air Station, Moffett Field, California</i> . April 1973.										Traffic

TABLE 3-2

REFERENCES BY ENVIRONMENTAL TOPICS

	ENVIRONMENTAL TOPICS									
	Asbestos	Discharges (Storm)	Ground Water Contamination	Hazardous Materials	Installation Restoration Program	Lead	Pesticides	Polychlorinated Biphenyls	Underground Storage Tank	Other Environmental Issues
USDA - Soil Conservation Service. 1988. <i>Natural Resources Management Plan, Naval Air Station Moffett Field.</i>										Natural resources
U.S. Environmental Protection Agency. 1990. <i>Federal Facility Agreement Between EPA, DHA, RWQCB and U.S. Navy.</i>										Regulatory compliance
U.S. Fish and Wildlife Service. 1990. <i>Environmental Assessment for Potential Additions to San Francisco Bay National Wildlife Refuge, Alameda, San Mateo, and Santa Clara Counties, California.</i> March 1990.										Natural resources
1992. <i>The Breeding Census for the California Clapper Rail (Rallus longirostris obsoletus) at Naval Air Station Moffett Field and Guadalupe Slough.</i>										Endangered species
U.S. Navy. 1985. <i>Master Plan, Naval Air Station, Moffett Field.</i> September 1985.										Planning
1988. <i>Fiscal Year 88 Leak Testing of Nine Active Underground Storage Tanks located at Naval Air Station, Moffett Field.</i> November 3, 1988.								X		
1988b. <i>Closure Plan, Industrial Wastewater Flux Ponds.</i>										Industrial discharge
Inserts to Naval Air Station Moffett Field Master Plan (page substitutions). Undated.										Planning
1989. Environ. Div. (Code 1989), Public Works Dept., NAS Moffett Field. <i>Secretary of the U.S. Navy Environmental Management Award Report for 1988-1989, Naval Air Station, Moffett Field.</i>	X	X	X	X	X	X	X	X	X	
1989. <i>Soil and Water Conservation Plan for Agricultural Outlease Parcel 4AO1, Article 7(a) of the Lease for Agricultural Purposes, Naval Air Station, Moffett Field, California.</i> November 28, 1989.										Planning
1990. <i>Environmental and Natural Resources Program Manual.</i>										Natural resources
1991a. <i>Phase I Characterization Report, Volume 2.</i>			X	X						
1991b. <i>Phase I Characterization Report, Volume 1.</i>			X	X						
1991c. <i>Draft Tank and Sump Removal Summary.</i>			X	X				X		
U.S. Navy (WESTDIV). 1988a. <i>Hydrogeologic Investigation, Industrial Wastewater Flux Ponds, Naval Air Station, Moffett Field, California.</i>			X	X						

TABLE 3-2

REFERENCES BY ENVIRONMENTAL TOPICS

	ENVIRONMENTAL TOPICS									
	Asbestos	Discharges (Storm)	Ground Water Contamination	Hazardous Materials	Installation Restoration Program	Lead	Pesticides	Polychlorinated Biphenyls	Underground Storage Tank	Other Environmental Issues
1991a. <i>Site Investigation Report Inferred Sources 8 and 9.</i>			X	X					X	
1991b. <i>Site 9 Waste Oil Transfer Area Final Action Memorandum.</i>			X	X					X	
1991c. <i>Site 9 Final Action Memorandum Volume I.</i>			X							
1991d. <i>North Base Area - Field Investigation.</i>			X	X						
1992a. <i>Additional Tank and Sump Investigation Field Work Plan.</i>									X	
1992b. <i>Additional Sites Final Work Plan.</i>			X	X					X	
1992c. <i>Technical Memorandum Geology and Hydrogeology.</i>			X							Geology
1993. <i>Sites 1 &amp; 2 Soil Summary of Organic Compounds NAS Moffett Field.</i>										Soils
U.S. Navy (WESTDIV) and USDA. 1990. <i>Naval Resources Management Plan NAS Moffett Field.</i>										Natural resources
U.S. Navy and NASA. 1992. Memorandum of Understanding. December 22, 1992.										Planning
Wahler Associates. 1992a. <i>Soil Sampling for Inorganic Lead</i> (Purchase Contract No. A857149 Moffett Field, California). October 8, 1992.				X		X				Soils
Wilsey & Ham. 1975. <i>Noise Pollution Abatement Study, Naval Air Station, Moffett Field.</i>										Noise
1976. <i>Air Installations Compatible Use Zones Study, Naval Air Station, Moffett Field.</i>										Noise

## 4.0 FINDINGS

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### 4.1 PARCEL DESCRIPTIONS

The following pages present NAS Moffett Field's real property divided into 31 discrete parcels. Each parcel represents a piece of land with distinct environmental characteristics. Figure 4-1 shows the parcel assignments.

Each parcel profile includes a description of the parcel and lists all buildings and facilities for that parcel. Historic use and current use of the property is summarized, and known environmental issues and hazardous materials issues are presented. Data gaps are also identified.

### 4.2 DATA GAPS

As part of the investigation of individual study areas and sites at NAS Moffett Field, hazardous materials/environmental concerns identified require additional information or analysis where data or analysis has not yet been received. Specific topics and recommendations for further investigation include:

- **Asbestos.** Suspect asbestos-containing building materials were sampled as part of a base-wide asbestos survey. While most of the structures at NAS Moffett Field were surveyed for the presence of asbestos, the station housing units were not.
- **Site Characterization.** The results of a base-wide RCRA survey identified several areas that have had possible hazardous materials releases. Recommendations were made for additional characterization to verify if the releases have affected soil or ground water.

This investigation also identified several areas at NAS Moffett Field that require additional investigation.

- **Pesticides.** The extent and type of pesticide usage on the former agricultural outleasing portion of the base is not known. Thus, the potential for residual levels of pesticides in the soil and ground water is unknown.

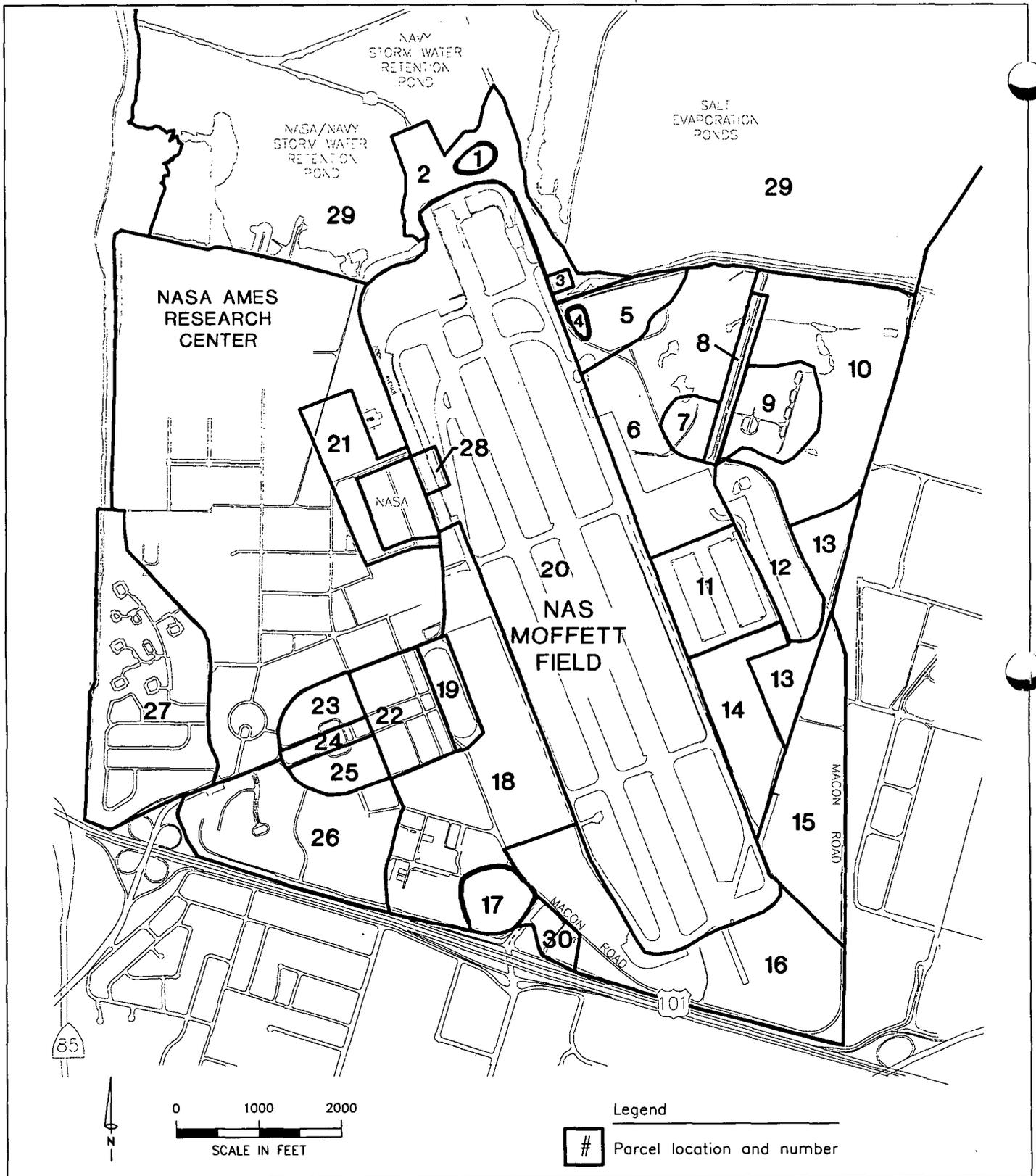


Figure 4-1

Parcelization Map of  
NAS Moffett Field



## Parcel Profiles

## PARCEL NO. 1 PROFILE

### Buildings/Facilities:

*Parcel 1: Runway Landfill (IRP Site 1). No buildings are located on this parcel.*

### Description:

*Parcel 1 is an approximately 14-acre area located at the northeast end of the runways between Zook Road and the Cargill salt evaporation ponds. Between the early 1960s and 1978 the area was a general refuse landfill. Fill and refuse placed at the runway landfill generally extend to an elevation of 19 feet msl. Groundcover at Parcel 1 is mostly low grass and brush, and construction debris is present at the surface. Parcel 1 is included in the IR Program as IRP Site 1. The RI for this area was completed in 1993.*

### Historic Use:

*In the early 1960s Parcel 1 was diked off and used as a disposal area for refuse, scrap equipment, and hazardous materials. The runway landfill was abandoned in 1978 but was never formally closed. Parcel 1 was also used as a small arms practice range in the past.*

### Current Use:

*Storage of vehicular traffic control materials. Building 562 is located on top of the landfill and is no longer in use.*

### Known Environmental Issues:

*Ruderal vegetation bordering salt marsh.*

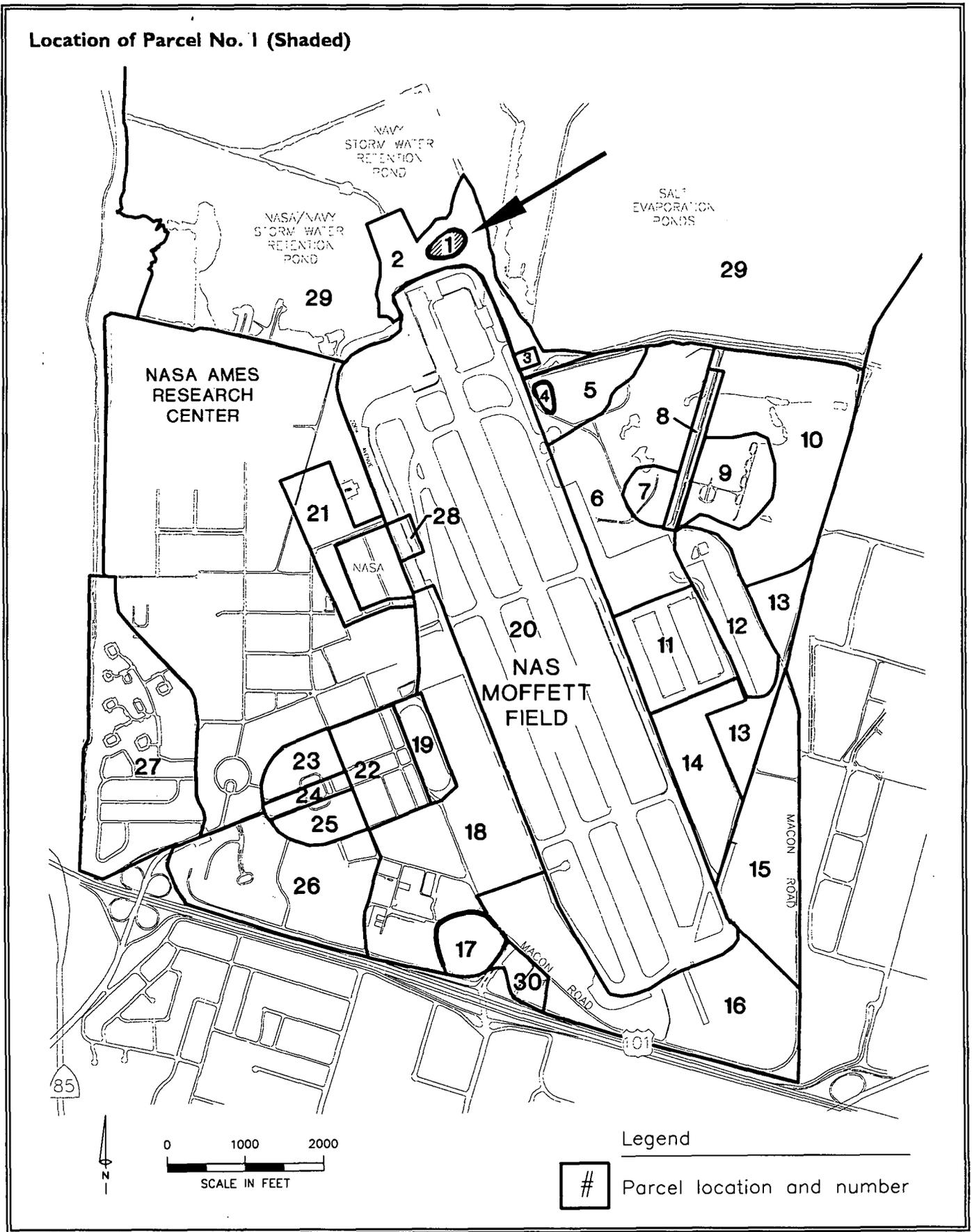
### Known Hazardous Materials Issues:

- *Disposed materials include paint and paint thinners, solvents, lacquer, oil, fuel filters, and sawdust contaminated with transformer oil.*
- *VOCs, PCBs, BNAs, and organics found in leachate well.*
- *VOCs and inorganics above background levels identified in ground water.*

### Data Gaps:

*None.*

Location of Parcel No. 1 (Shaded)



## PARCEL NO. 2 PROFILE

### Buildings/Facilities:

*Parcel 2: Salt Marsh Area North of Runways, Building 191.*

### Description:

*Parcel 2 is an approximately 40-acre area located north and northeast of the runways bordered by the Navy storm retention ponds to the north and west and by the Cargill salt ponds to the east. The area is covered with low grass and brush. Building 191 is a pumphouse. This area was investigated during the horizontal conduit study.*

### Historic Use:

*This area in Parcel 2 was originally a salt marsh.*

### Current Use:

*Parcel 2 is currently vacant and unused except for Building 191, a drainage pumphouse.*

### Known Environmental Issues:

*Salt marsh and ruderal vegetation*

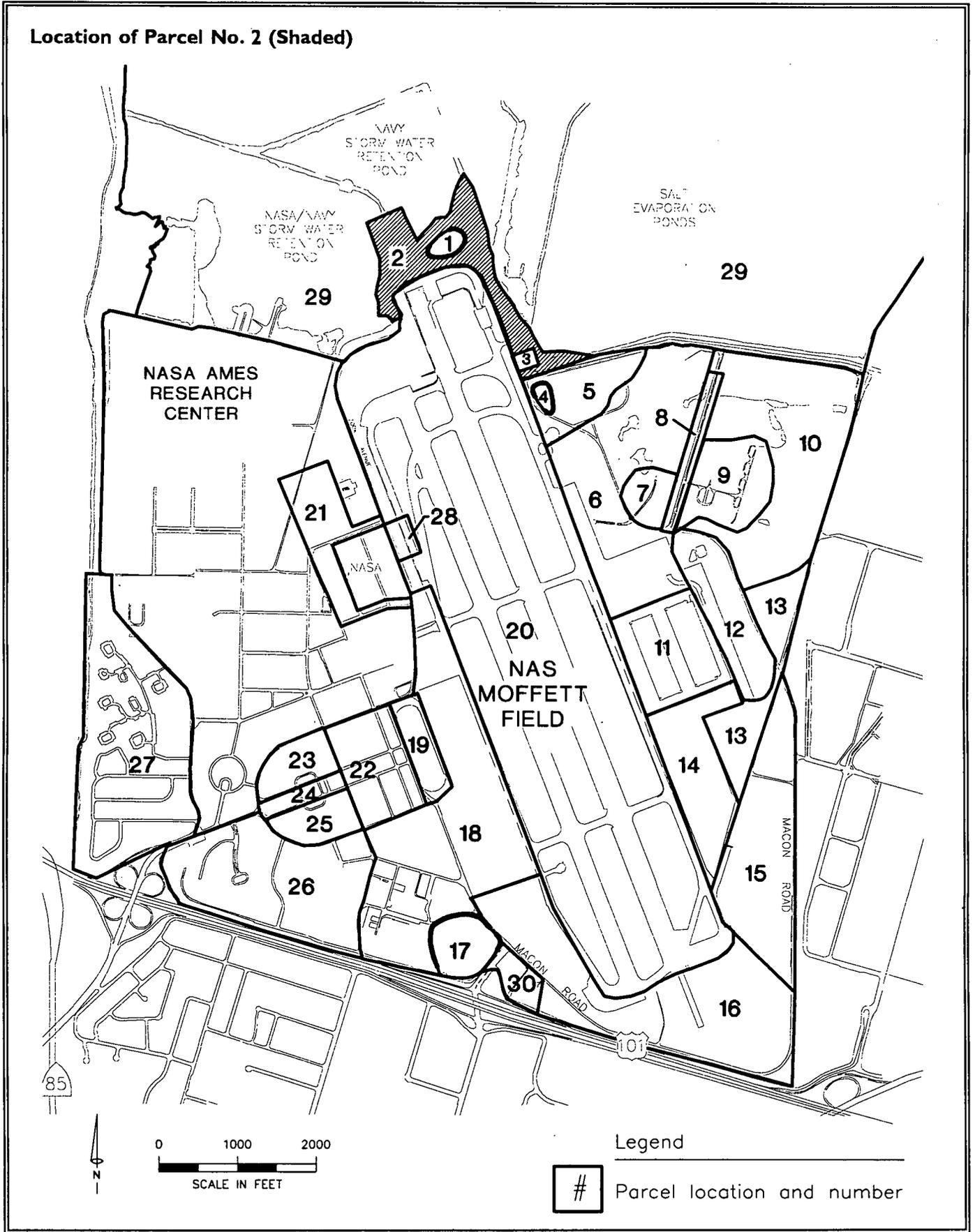
### Known Hazardous Materials Issues:

- *Parcel 2 is being studied under OU6.*
- *Field work conducted during the RI detected five VOCs and one BNA in ground water.*
- *Building 191 was sampled for asbestos; none was identified.*
- *Six electrical components containing PCBs were identified in the 1993 PCB inventory.*

### Data Gaps:

*This parcel is being studied under OU6.*

**Location of Parcel No. 2 (Shaded)**



## PARCEL NO. 3 PROFILE

### Buildings/Facilities:

Parcel 3: Engine Test Stand Area (IRP Site 11). No buildings are located on this parcel.

### Description:

Parcel 3 occupies approximately one acre located at the northeast corner of the runways. The area has been used since the 1960s to test jet engines. Contamination in this parcel resulted from runoff of fuels and petroleum hydrocarbons. Parcel 3 is included in the IR Program as IRP Site 11. The RI for this parcel was completed in 1993.

### Historic Use:

Prior to the construction of the engine test stand in 1958, the area was not used by the Navy. Originally, the area was salt marsh.

### Current Use:

The area is currently used to test engines.

### Known Environmental Issues:

Salt marsh and ruderal vegetation.

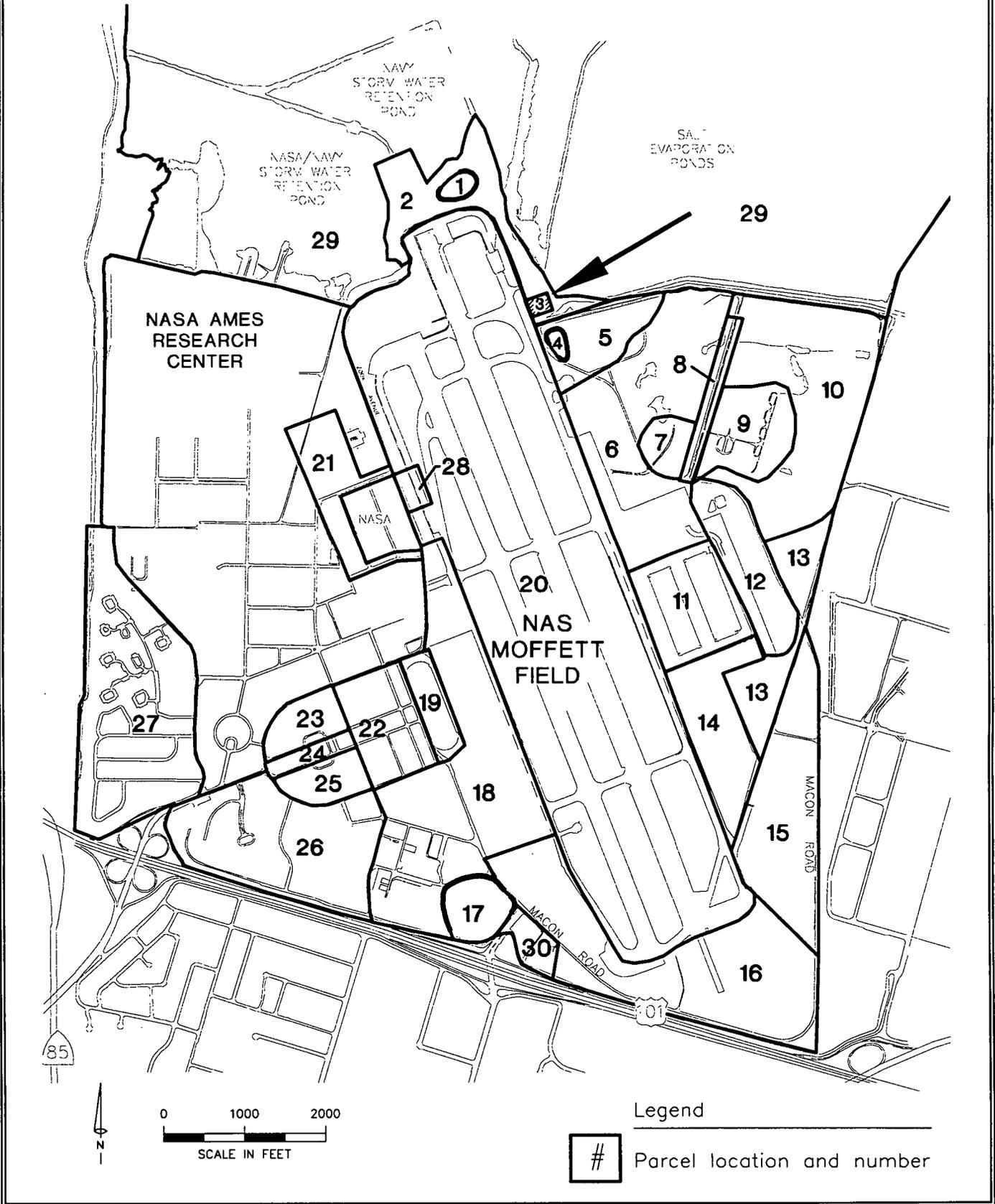
### Known Hazardous Materials Issues:

- Tank 96 is in Parcel 3. This AST is inactive and scheduled to be removed.
- Soil contaminated with VOCs, BNAs, TPHC, and metals.
- Ground water contaminated with organics and metals.
- Three electrical components containing PCBs were identified in the 1993 PCB inventory.

### Data Gaps:

IRP Site 11 is currently under investigation. The RI for this parcel was completed in 1993. The proposed plan for OU2-East, which includes IRP Site 11, has been accepted by EPA and the ROD will be prepared in summer 1994.

**Location of Parcel No. 3 (Shaded)**



## PARCEL NO. 4 PROFILE

### Buildings/Facilities:

Parcel 4: NAS Moffett Field golf course landfill (IRP Site 2). No buildings are located on this parcel.

### Description:

Parcel 4 is an approximately one-acre area located north of the golf course at the intersection of the Patrol and Zook Roads and adjacent to a salt evaporation pond. Between the 1940s and the early 1960s the area was used as a landfill. Fill and refuse placed at Parcel 4 generally extend from 1 to 7 feet msl at the surface to 9 feet below msl. Groundcover at Parcel 4 is mostly low grass and brush and debris is visible at the surface. Parcel 4 is included in the IR Program as IRP Site 2. The RI for this area was completed in 1993.

### Historic Use:

Parcel 4 was used as a landfill from the 1940s through the early 1960s. The NAS Moffett Field golf course landfill was used in a similar manner and by some of the same shops as Parcel 1.

### Current Use:

Vacant and unused. Enclosed by chain-link fence.

### Known Environmental Issues:

Salt marsh and ruderal vegetation.

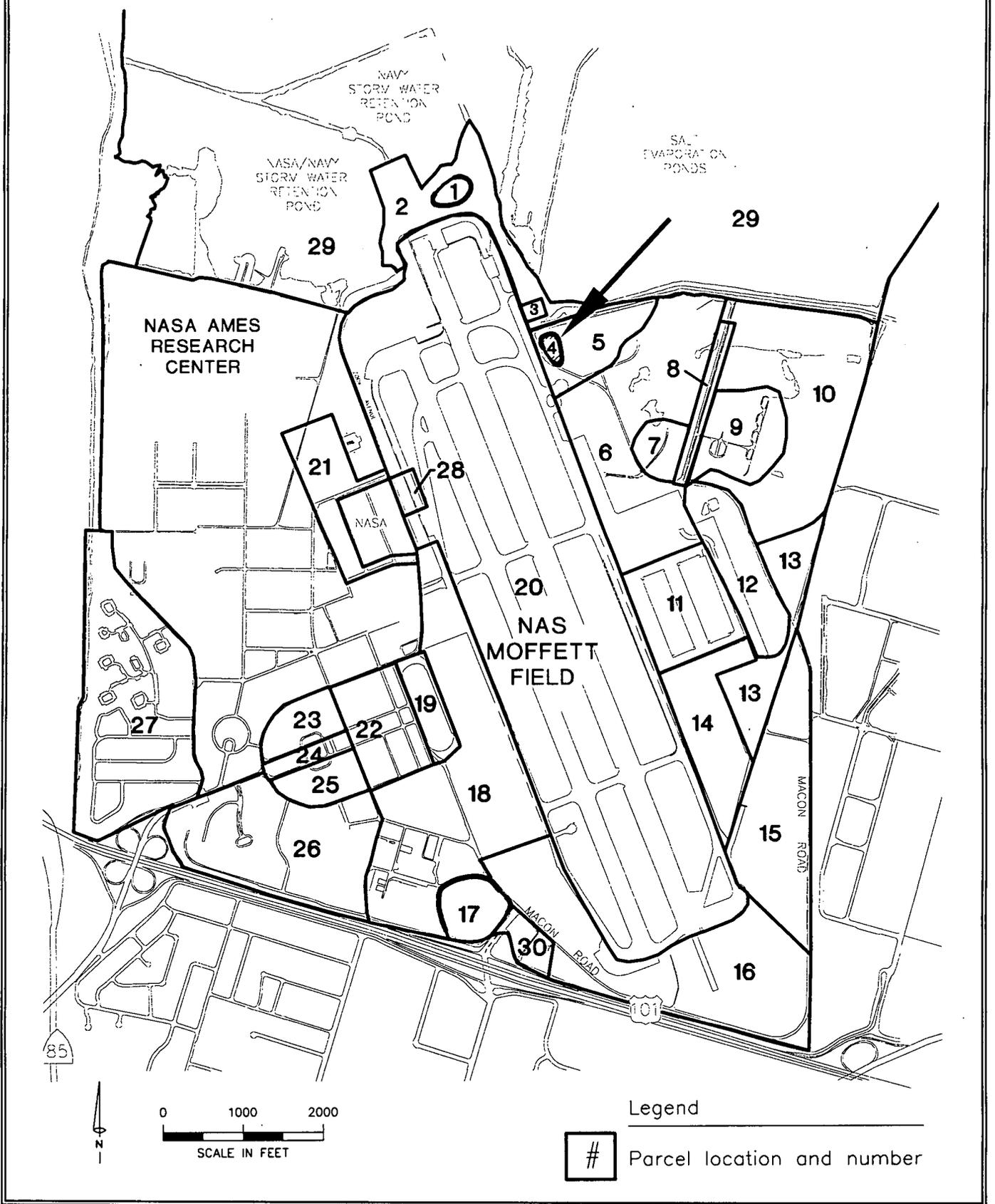
### Known Hazardous Materials Issues:

- Material disposed of at the golf course landfill including debris, scrap equipment, and potentially hazardous materials.
- Soil found to have VOC, BNA, PCB, and metals contamination.
- Leachate found to have VOC, BNA, and inorganic contamination; known to be migrating off-site.

### Data Gaps:

None.

**Location of Parcel No. 4 (Shaded)**



## PARCEL NO. 5 PROFILE

### Buildings/Facilities:

*Parcel 5: Buildings 484-492, 561 and associated area.*

### Description:

*Parcel 5 is an approximately 24-acre area that includes seven high explosive magazines (Buildings 485-492), an ordnance shop (Building 484), and a missile magazine (Building 561). Parcel 5 is located northeast of the runways and is bordered by the Cargill Evaporation Ponds to the north and the NAS Moffett Field golf course to the east and south.*

### Historic Use:

*The magazines and ordnance facility were constructed in 1965.*

### Current Use:

*The facilities within Parcel 5 are active.*

### Known Environmental Issues:

*Ruderal and salt marsh vegetation.*

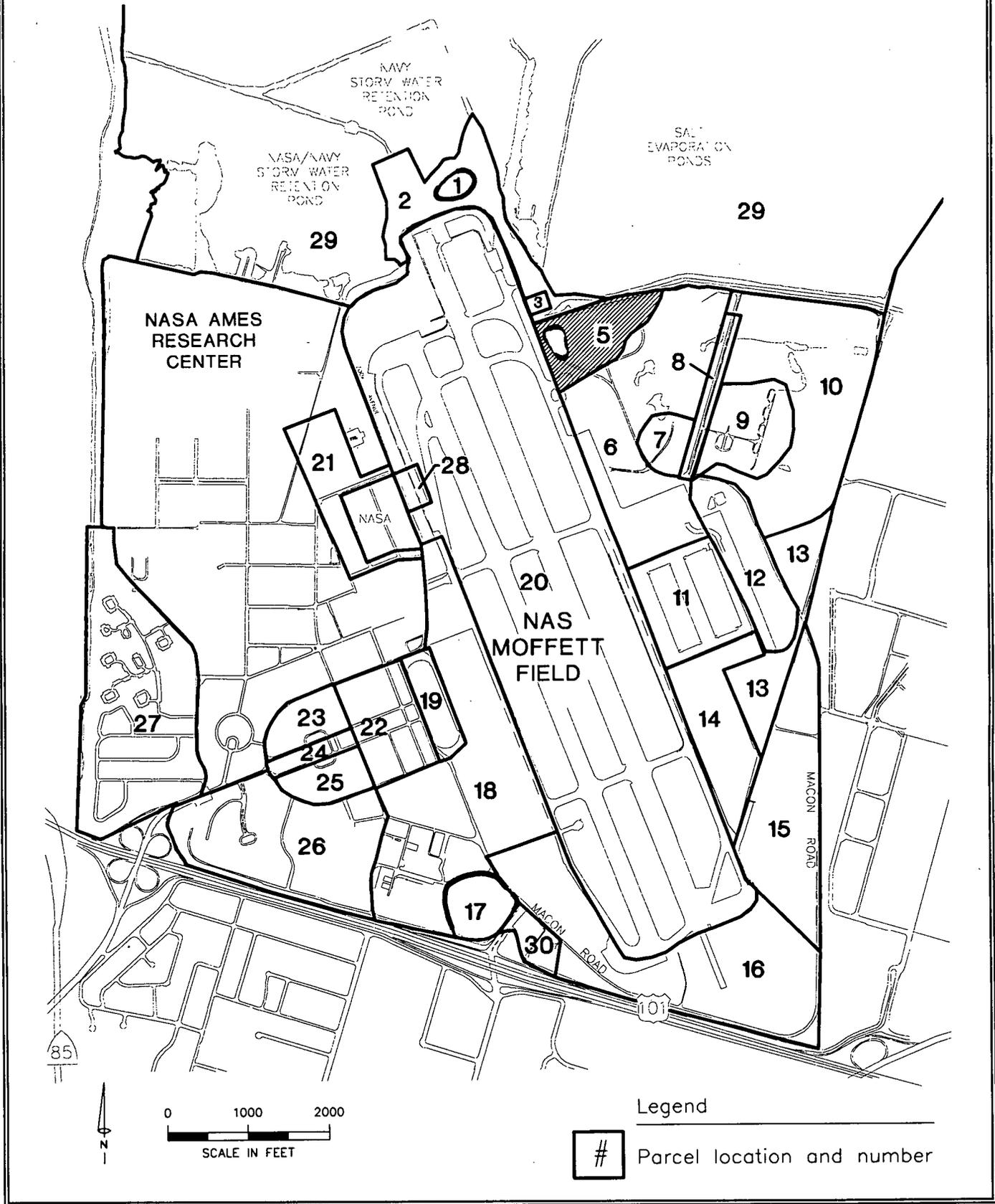
### Known Hazardous Materials Issues:

- *One UST (22) was removed in December 1992.*
- *One inactive AST (102) is located in Parcel 5.*
- *Six electrical components containing PCBs were identified in the 1993 PCB inventory.*
- *All buildings within Parcel 5 were sampled for ACMs; 19 assumed ACMs and 4 confirmed ACMs were identified.*
- *Hazardous materials were stored at Building 484 during the past year and corrosion around a drain was observed during the site inspection.*

### Data Gaps:

*Ordnance and related soil contamination may be present. Building 484 is currently under investigation by the IR program; the results of the investigation have not been published.*

**Location of Parcel No. 5 (Shaded)**



## PARCEL NO. 6 PROFILE

### Buildings/Facilities:

Parcel 6: west side of NAS Moffett Field golf course and paved area north of Hangars 2 and 3. Buildings 253, 684, and 686.

### Description:

Parcel 6 is an approximately 92-acre area located northeast of the runways and west of Marriage Road. Approximately 56 acres of this parcel is golf course and the remaining area is paved for parking aircraft. Four ponds or water hazards are located within the west side of the golf course. A portion of Parcel 6 is included in the IR Program as IRP Site 15.

### Historic Use:

Prior to development, the southern quarter of Parcel 6 was unused and fallow.

### Current Use:

The golf course in Parcel 6 is maintained and used by military personnel. The paved area north of Hangars 2 and 3 is for aircraft parking.

### Known Environmental Issues:

- Ruderal and salt marsh vegetation
- Nesting site for western burrowing owl (Figure 2-14).

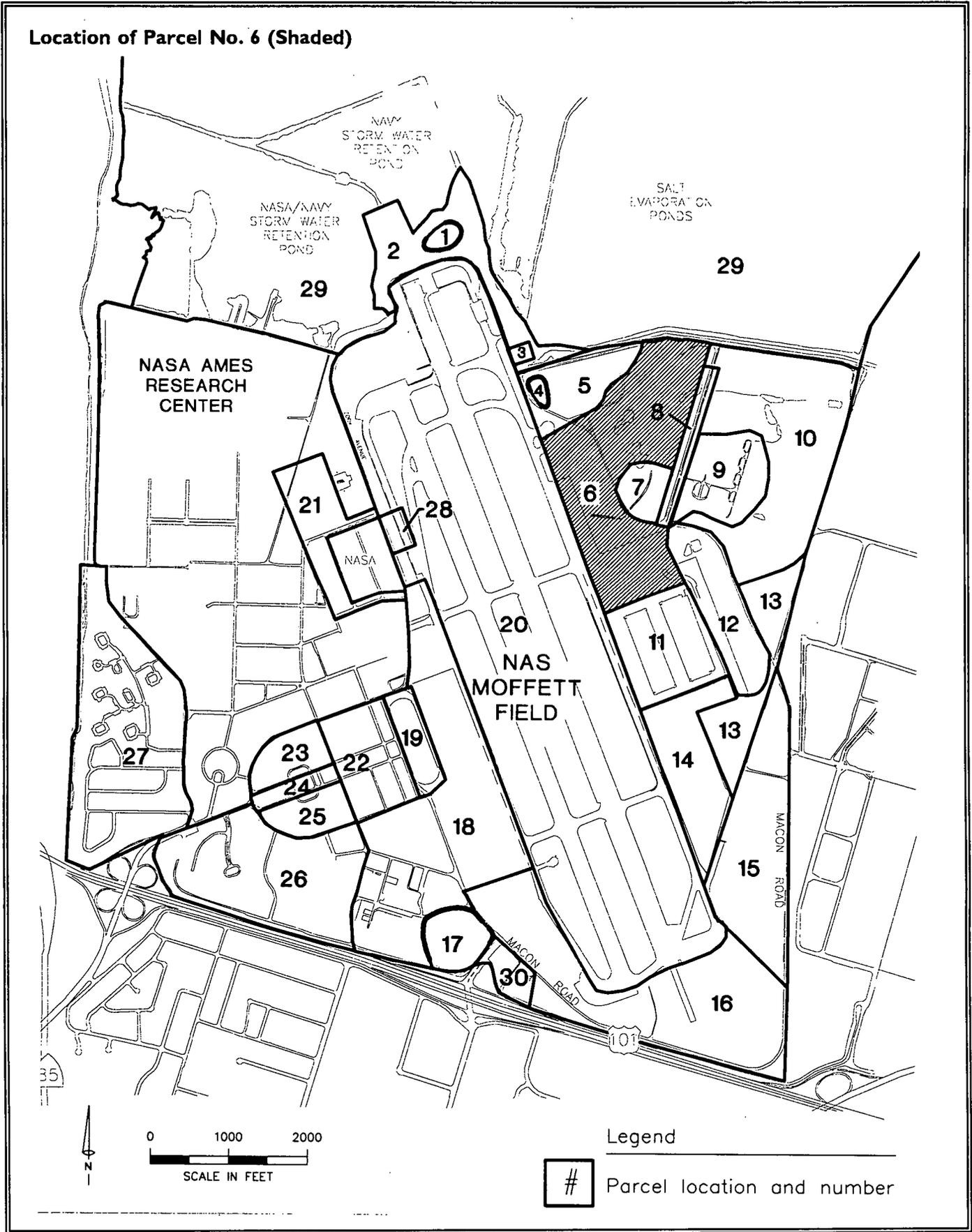
### Known Hazardous Materials Issues:

- Oil/water separator 59 is located at Building 684 and is included in the IR Program as IRP Site 15.
- Two USTs (16 and 17) are located in Parcel 6: UST 16 is active; UST 17 was removed.
- Six electrical components containing PCBs were identified in the 1993 inventory.

### Data Gaps:

None

**Location of Parcel No. 6 (Shaded)**



## PARCEL NO. 7 PROFILE

### Buildings/Facilities:

*Parcel 7: West Bunker, Buildings 27, 28, 177-179, 182, 183, 185, 187-189, and 511.*

### Description:

*Parcel 7 is an approximately 8-acre area that includes 12 magazines for the storage of ammunition, small arms, and pyrotechnics. These facilities were all constructed in the early 1950s. Parcel 7 is located within the golf course at the intersection of Marriage and Macon Roads.*

### Historic Use:

*Prior to 1950, the Parcel 7 area was fallow and unused.*

### Current Use:

*The magazines in Parcel 7 are active facilities.*

### Known Environmental Issues:

*None*

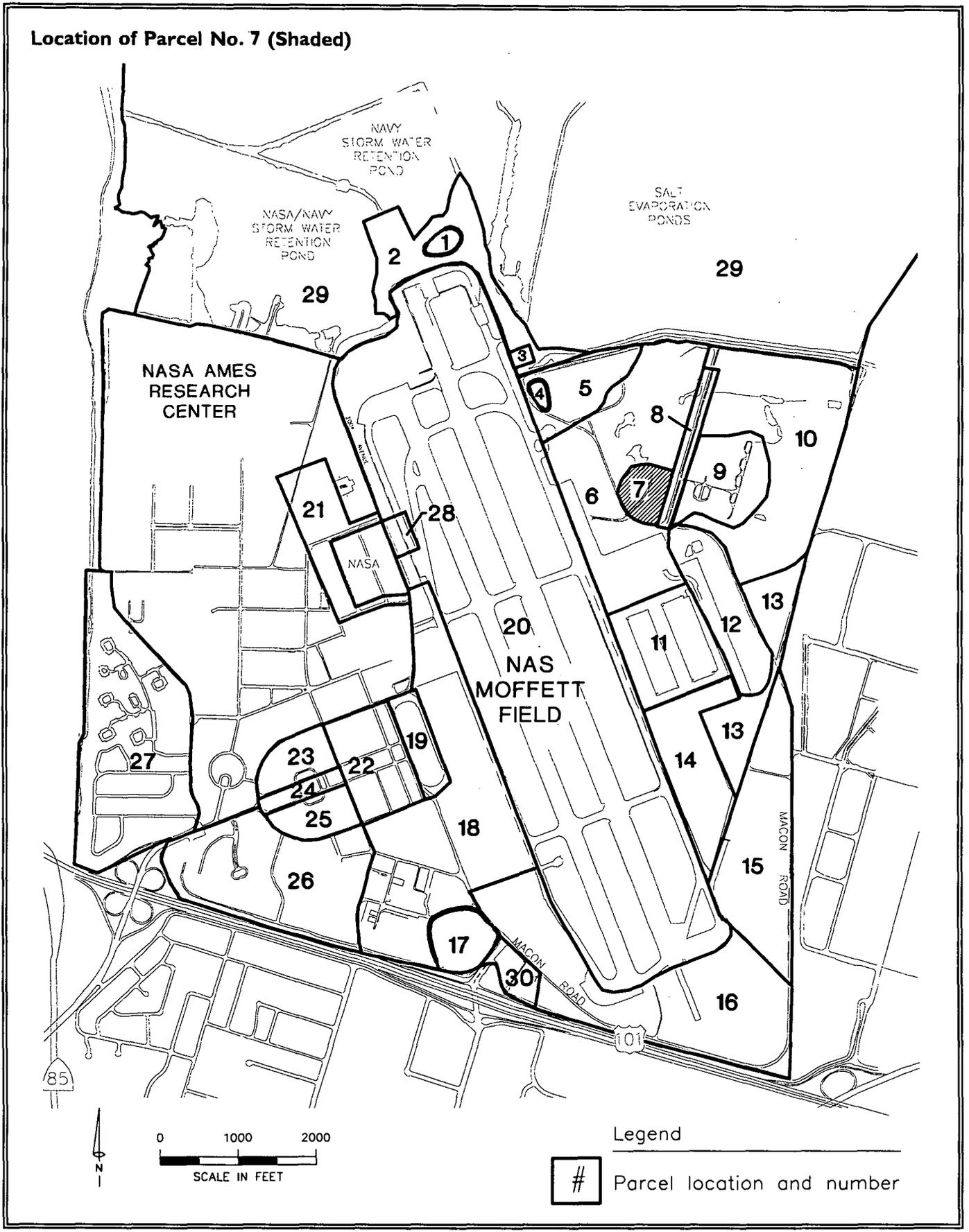
### Known Hazardous Materials Issues:

*Buildings 27, 28, and 511 were sampled for ACMs; none were identified.*

### Data Gaps:

*None*

**Location of Parcel No. 7 (Shaded)**



## PARCEL NO. 8 PROFILE

### Buildings/Facilities:

Parcel 8: Marriage Road Ditch (IRP Site 3).

### Description:

Parcel 8 is an approximately two-acre area located on the east side of Marriage Road. Marriage Road Ditch is a runoff control feature that runs northward parallel to Marriage Road from the intersection of Marriage and Macon Roads to the northern boundary of NAS Moffett Field. Parcel 8 is included in the IR Program as IRP Site 3. The RI for this area was completed in 1993.

### Historic Use:

Prior to the construction of NAS Moffett Field, the area that Parcel 8 occupies was unused marsh.

### Current Use:

Provides storm drainage and collects surface water runoff from the eastern runway area and vicinity of Hangars 2 and 3.

### Known Environmental Issues:

Winter storm drainage; identified habitat of the San Francisco forktail damsel fly, a category 2 species (Figure 2-14).

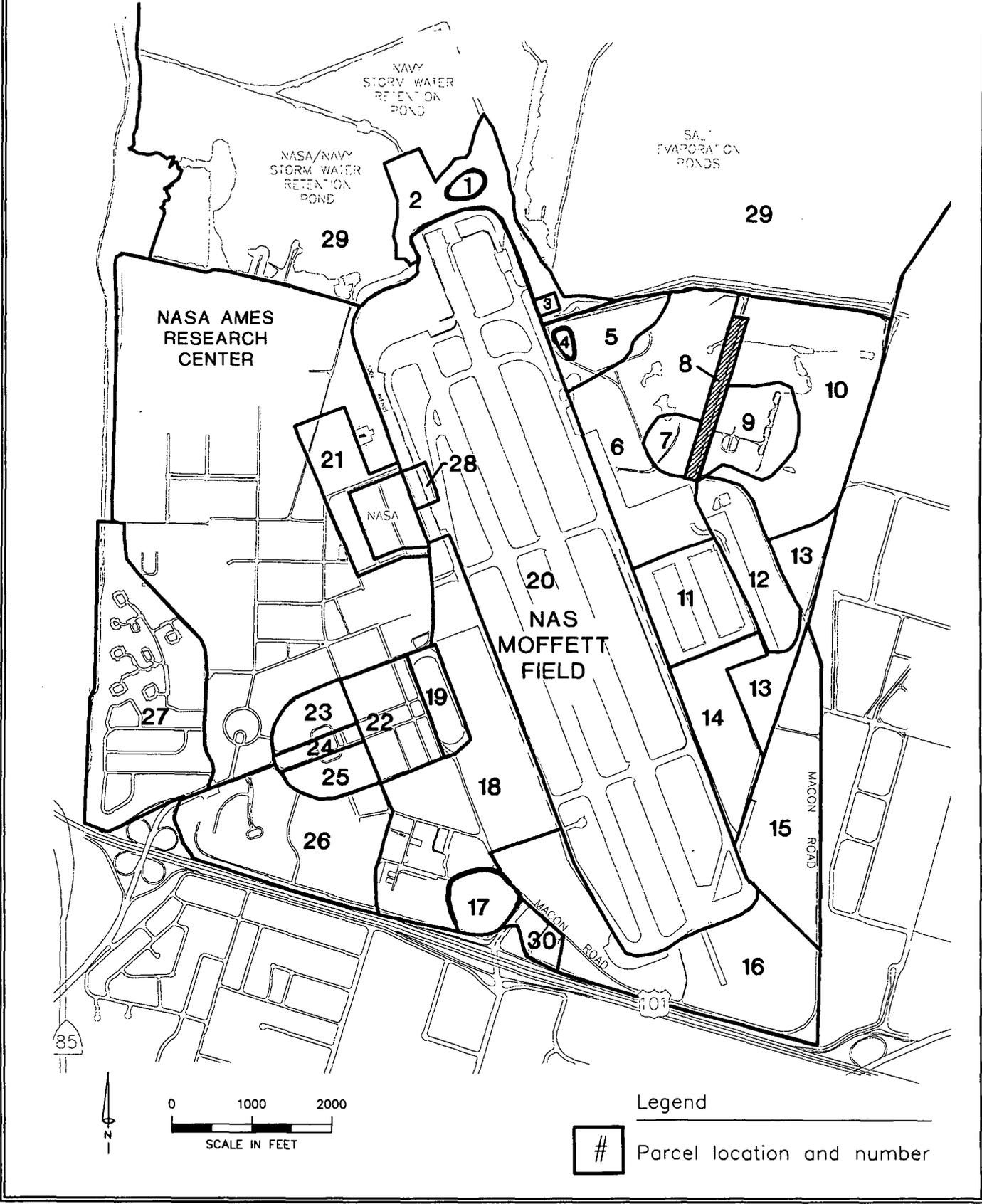
### Known Hazardous Materials Issues:

- Runoff into Marriage Road Ditch includes VOCs, solvents, fuels, detergents, paint strippers, and hydraulic fluids.
- Soil levels of VOCs, TPHC, BNAs, and priority pollutant metals exceed background levels.
- Ground water has been affected by organic and inorganic constituents.

### Data Gaps:

Site 3 is currently under investigation. The RI for this site was completed in 1993. The proposed plan for OU2-East, which includes IRP Site 3, has been approved by EPA and the ROD will be prepared in summer 1994.

**Location of Parcel No. 8 (Shaded)**



## PARCEL NO. 9 PROFILE

### Buildings/Facilities:

Parcel 9: East Bunker, Buildings 70-74, 143, 147, and 528.

### Description:

Parcel 9 is an approximately 16-acre area that includes six high explosive magazines (Buildings 70-74, 143, and 147), one fuse magazine (Building 74), and one NASA magazine (Building 528). Parcel 9 is located within the golf course east of Marriage Road Ditch just north of the Macon and Marriage Road Intersection.

### Historic Use:

Prior to 1943, the area that Parcel 9 occupies was fallow and unused. Approximately 20 acres within Parcel 9 and adjacent to the bunker were used for agriculture in the past. The magazines were constructed between 1943 and 1956.

### Current Use:

The magazines in Parcel 9 were emptied in 1993 and are currently not in use.

### Known Environmental Issues:

None

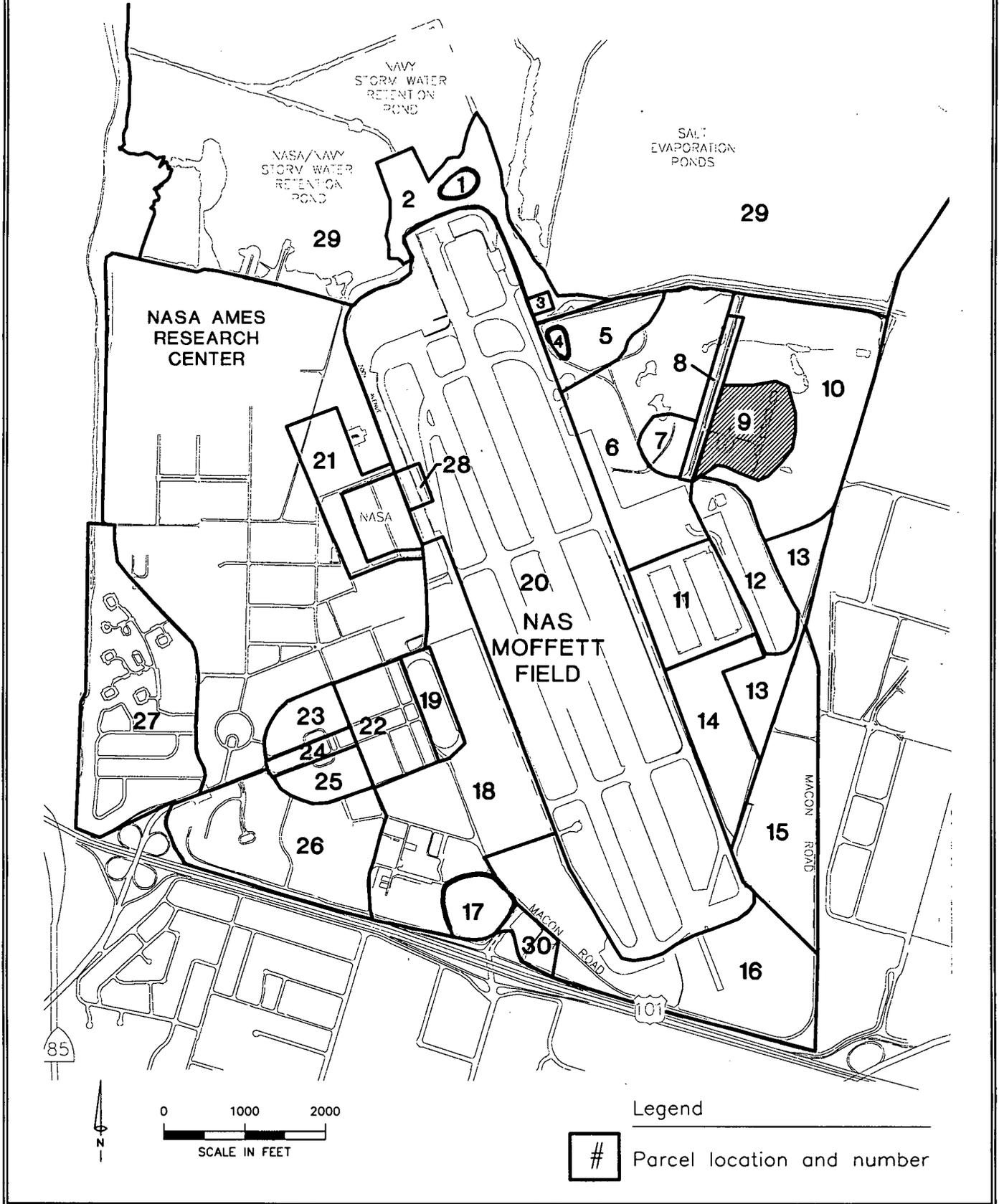
### Known Hazardous Materials Issues:

Area used to store small quantities of explosives. Buildings 70-74, 143, and 147 were sampled for ACMs; none were identified.

### Data Gaps:

None

**Location of Parcel No. 9 (Shaded)**



## PARCEL NO. 10 PROFILE

### Buildings/Facilities:

Parcel 10: East side of NAS Moffett Field golf course, Buildings 234, 376, 399, 406, 409, 427, and 471.

### Description:

Parcel 10 is an approximately 96-acre area that includes the golf course storage area (Building 399), the golf course clubhouse (Building 234), an incinerator and refuse disposal site (Buildings 376 and 427), two golf course storage sheds (Buildings 409 and 471), and a sentry house (Building 406). Parcel 10 is located in the northeast corner of NAS Moffett Field and is bordered by Marriage Road to the west, Macon Road to the south, Patrol Road to the east, and the Cargill Evaporation Ponds to the north (four ponds or water hazards are located within the west side of the golf course). A portion of Parcel 10 is included in the IR Program as IRP Site 19.

### Historic Use:

Prior to the establishment of NAS Moffett Field in 1931 and the golf course, the area that Parcel 10 occupies was tidal wetland.

### Current Use:

Parcel 10 is currently maintained and used as a golf course. The incinerator and disposal site are no longer used.

### Known Environmental Issues:

Ruderal vegetation; identified habitat for western burrowing owl and San Francisco forktail damselfly (Figure 2-14).

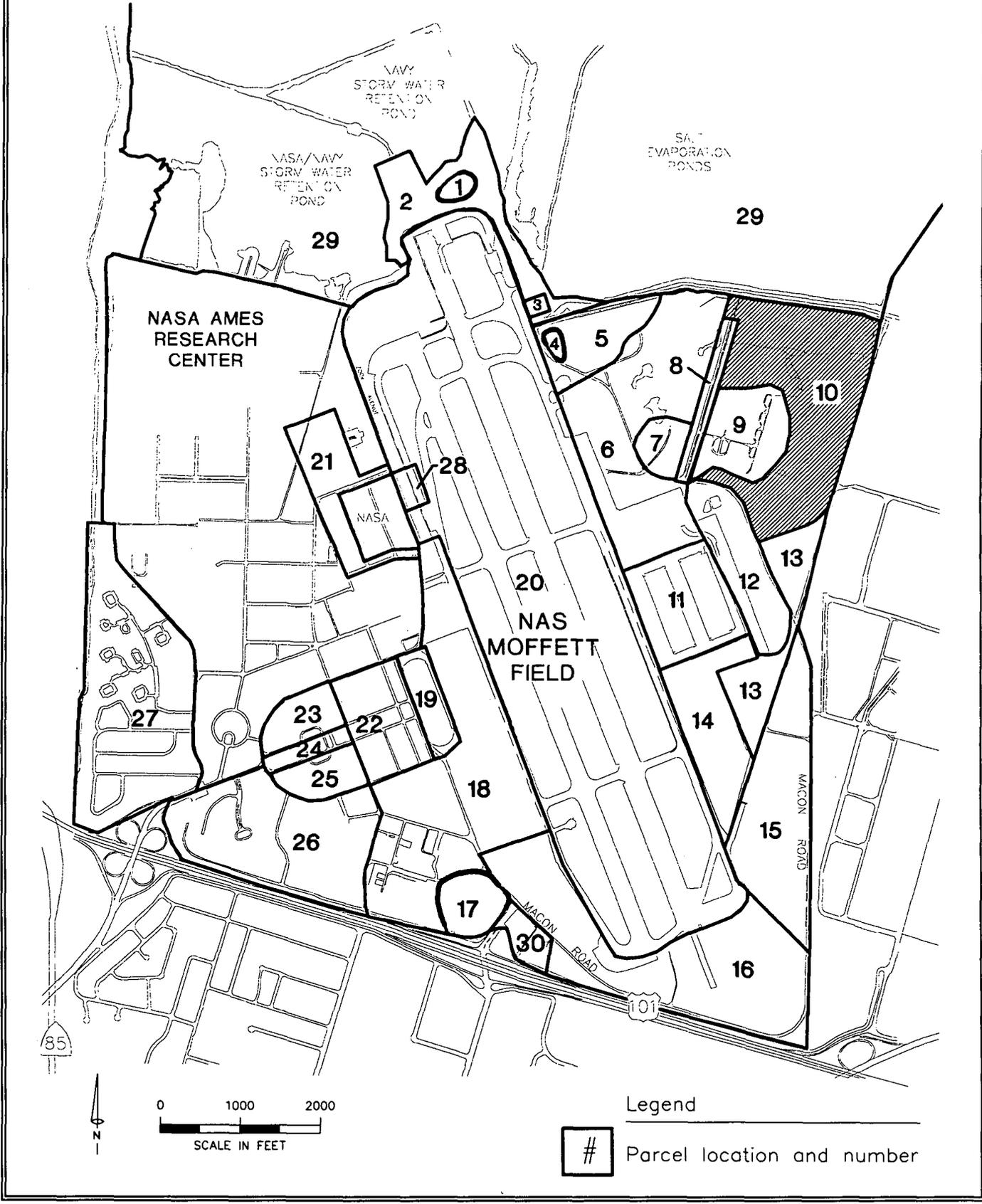
### Known Hazardous Materials Issues:

- Buildings 234 and 399 were sampled for ACMs; five assumed ACMs and one confirmed ACM were identified.
- Hazardous materials stored at Building 399 during the past year include paint, kerosene, oil, diesel fuel, and pesticides.
- UST 53 was removed from the area adjacent to Building 399 in 1990; soil was subsequently found to be contaminated with BTEX.
- One AST (107) is located in Parcel 10, and is active.
- Three electrical components containing PCBs were identified in the 1993 PCB inventory.
- Stained and cracked asphalt were observed during one site inspection conducted at Building 399. This area drains to Marriage Road Ditch. The area surrounding UST 53 is included in the IR Program as IRP Site 19.

### Data Gaps:

Subsurface investigation of the area adjacent to Building 399 is currently being conducted.

**Location of Parcel No. 10 (Shaded)**



## PARCEL NO. 11 PROFILE

### Buildings/Facilities:

Parcel 11: Hangars 2 and 3, Buildings 55, 79, 93, 170, 175, 339, 340, 344, 350, 351, 367, 396, 440, 470, 472, 498, 499, and 540 (IRP Site 7).

### Description:

Parcel 11 is an approximately 36-acre area that includes Hangars 2 and 3, the facilities around the hangars, and the surrounding paved area. This parcel is located east of the runway and south of Marriage Road Ditch. Parcel 11 is included in the IR Program as IRP Site 7. The RI for this area was completed in 1993.

### Historic Use:

Prior to construction of Hangars 2 and 3 in 1942 the area that Parcel 11 occupies was used for agriculture. Unpaved areas existed at the corners of each hangar where wastes, including chlorinated solvents, were disposed of until 1978 when the area was completely paved over.

### Current Use:

Hangars 2 and 3 are currently used for aircraft maintenance and repair and to store aircraft.

### Known Environmental Issues:

Hangars 1 and 2 are listed on the National Register of Historic Places.

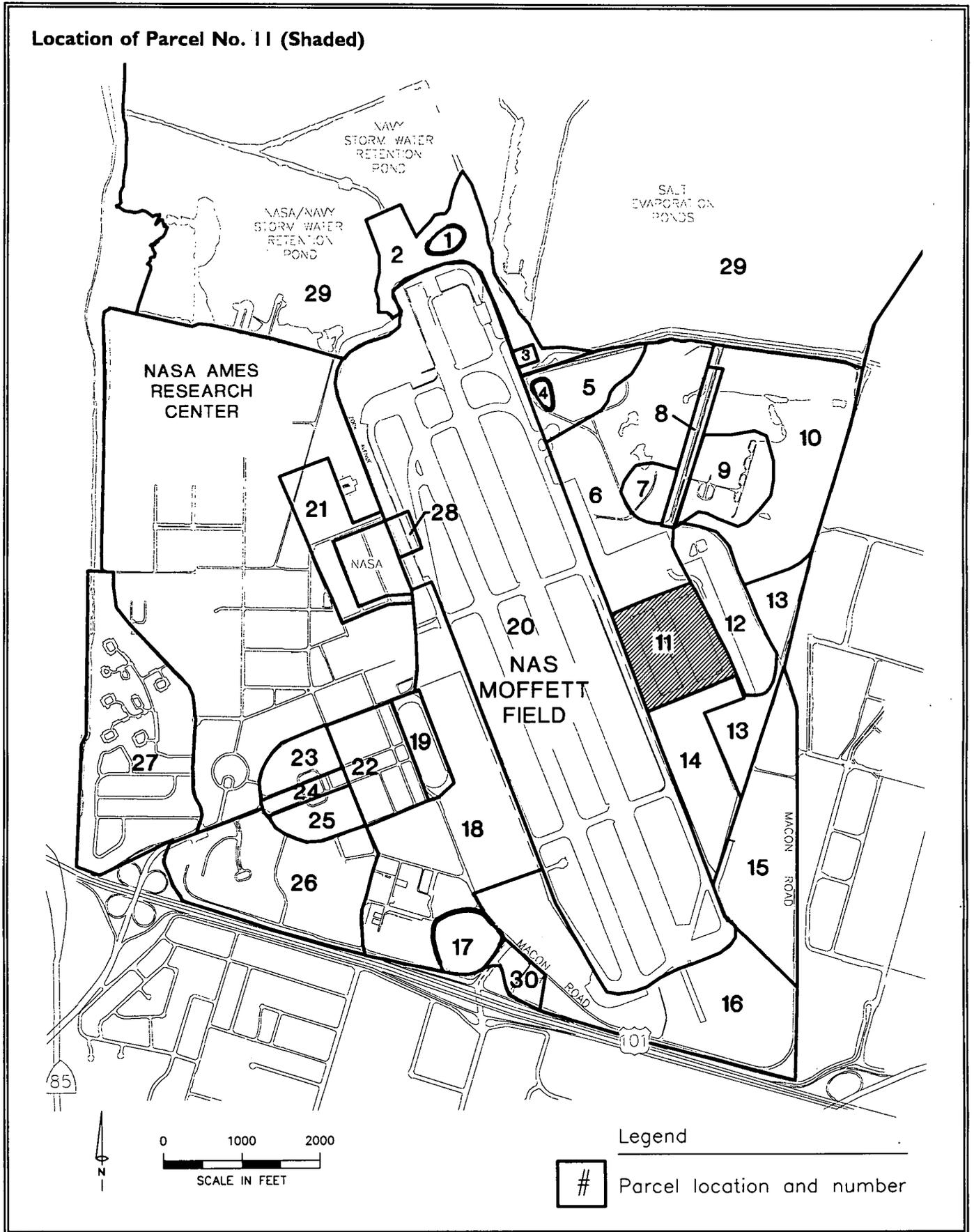
### Known Hazardous Materials Issues:

- Hazardous wastes disposed of at Parcel 11 prior to 1978 include paint, paint strippers, oils, solvents, fuel, hydraulic oil, and chlorinated solvents including TCE.
- Buildings 46, 47, 55, 79, 93, 176, 346, 350, 367, 396, 499, 539, and 540 were sampled for ACMs; 73 assumed ACMs and 31 confirmed ACMs were identified.
- Seven VOCs, one BNA, TPHC, and nine metals were detected in ground water.
- VOCs, TPHC, metals, inorganics, and BNAs found in soil above background levels.
- Eight USTs are located in Parcel 11 (Tanks 2, 3, 43, 54, 69, 88, 114, and 131). Tanks 2, 43, 54, 69, and 88 have been removed; Tank 3 is inactive; and Tank 114 is scheduled to be removed; Tank 131 is abandoned.
- One AST was located in this parcel (AST 100). This tank was removed in December 1992.
- Twelve electrical components containing PCBs were identified in the 1993 PCB inventory.

### Data Gaps:

- The station is under notice by Santa Clara County to investigate the former site of AST 100, which was located at the south end of Hangar 3.
- The proposed plan for OU2-East, which includes IRP Site 7, has been approved by EPA and ROD will be prepared in summer 1994.

**Location of Parcel No. 11 (Shaded)**



## PARCEL NO. 12 PROFILE

**Buildings/Facilities:** Parcel 12: Buildings 69, 134, 142, 342, 348, 372, 483, and 541.

### Description:

Parcel 12 is a narrow strip of land located east of Hangar 3. The parcel contains approximately 32 acres of land and includes a hazardous waste storage area, equipment parking area, the location of a former waste water holding pond, and the runway apron. Portions of Parcel 12 are also included in the IR Program, as IRP Sites 15 and 19.

### Historic Use:

Prior to Navy occupation of the property, the land contained in Parcel 12 was used for agriculture in the mid-20th century. The Navy covered the site with gravel and paved it in 1979. The runway apron area received hazardous waste and runoff from aircraft maintenance operations. The former wastewater holding ponds accepted effluent from aircraft cleaning and maintenance operations from 1968 to 1979 at which time they were replaced by the existing ponds.

### Current Use:

Parcel 12 is currently used for storing equipment and hazardous waste and for vehicular parking. The two wastewater holding ponds are still active.

### Known Environmental Issues:

Parcel 12 is currently used for storing equipment and hazardous waste and for vehicular parking. The two wastewater holding ponds are still active.

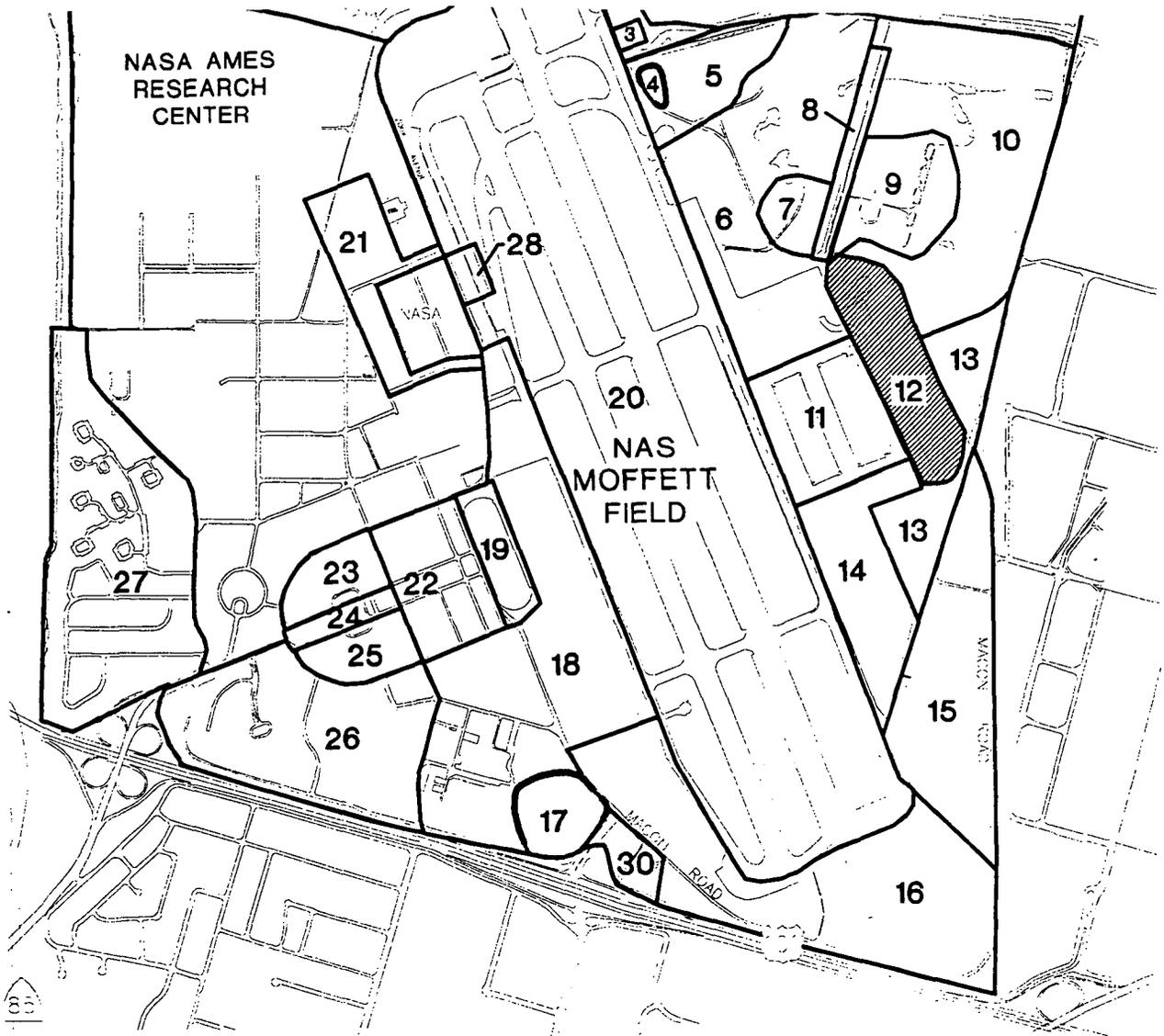
### Known Hazardous Materials Issues:

- Large quantities of hazardous materials were stored adjacent to Building 134 during the past year. Stains were observed on the pavement during a site inspection.
- Soil in the equipment storage area is contaminated with TPHs, oil and grease, BNAs, and metals.
- Wastes received by the former wastewater holding pond include MEK, dry cleaning solvent, TCE, TCA, paint sludge, paint stripper, Freon-113, carbon remover, ethylene glycol, fuel, and oil. Ground water in the area of the former waste water holding pond is contaminated with organics and inorganics; soil is contaminated with VOCs.
- Ground water beneath the runway apron area is contaminated with organics and inorganics.
- All of the buildings in this parcel were surveyed for the presence of asbestos; 16 assumed ACMs and two confirmed ACMs were identified.
- Two sumps (128 and 524-H) are located near the ponds in Parcel 12.
- One drain (63) is located at the ponds in Parcel 12. The water from this drain flows into the flux ponds. This drain is scheduled to be closed in place.
- Three electrical components containing PCBs were identified in the 1993 PCB inventory.
- Two oil/water separators (23 and 24) are located at the ponds in Parcel 12. These ponds are class II surface impoundments, regulated by the California Code of Regulations Title 23, and must be closed in accordance with those regulations.
- Seven abandoned ASTs (524 A-G) are located near the flux ponds.
- The former wastewater holding pond in Parcel 12 is included in the IR Program as IRP Site 4.
- The equipment parking area in Parcel 12 is included in the IR Program as IRP Site 13.
- The former wastewater holding pond and the runway apron are currently being investigated as part of the IR Program as IRP Sites 4 and 6, respectively.

**Data Gaps:**

Soil in the runway apron area has not been characterized. This area is under investigation. The hazardous waste storage area adjacent to Building 134 is being investigated for the presence for soil contamination. An investigation plan must be submitted to Santa Clara County for closure of the hazardous material storage permit associated with Buildings 134, 142, and 483.

**Location of Parcel No. 12 (Shaded)**



## PARCEL NO. 13 PROFILE

### Buildings/Facilities:

Parcel 13: Fuel farm dry wells and bulk tanks and the buildings (Buildings 49, 124, 172, 193, 194, 198, 259-262, 300, 301, 390) associated with the area.

### Description:

Parcel 13 is an approximately 16-acre site that is separated into northern and southern sections. The northern section is a triangular area bordered by Macon Road and the golf course. The southern section is bordered by Macon Road to the east and the runway apron to the south and west. Several administrative facilities, as well as training facilities, ammunition lockers, and fuel storage tanks, are included in this parcel. Parcel 13 is included in the IR Program as IRP Site 5.

### Historic Use:

The area that parcel 13 occupies was used for agriculture during the early to mid-20th century. The fuel farm dry wells and bulk tanks have been an active fuel terminal since the 1950s. Fuel and contaminated water were pumped into dry wells for disposal in the 1950s and 1960s.

### Current Use:

Parcel 13 is a currently operating fuel farm.

### Known Environmental Issues:

Staining on asphalt pavement observed at two locations near the Applied Instruction Building, Building 49. Identified nesting habitat for the western burrowing owl, a candidate 2 (threatened) species (Figure 2-14).

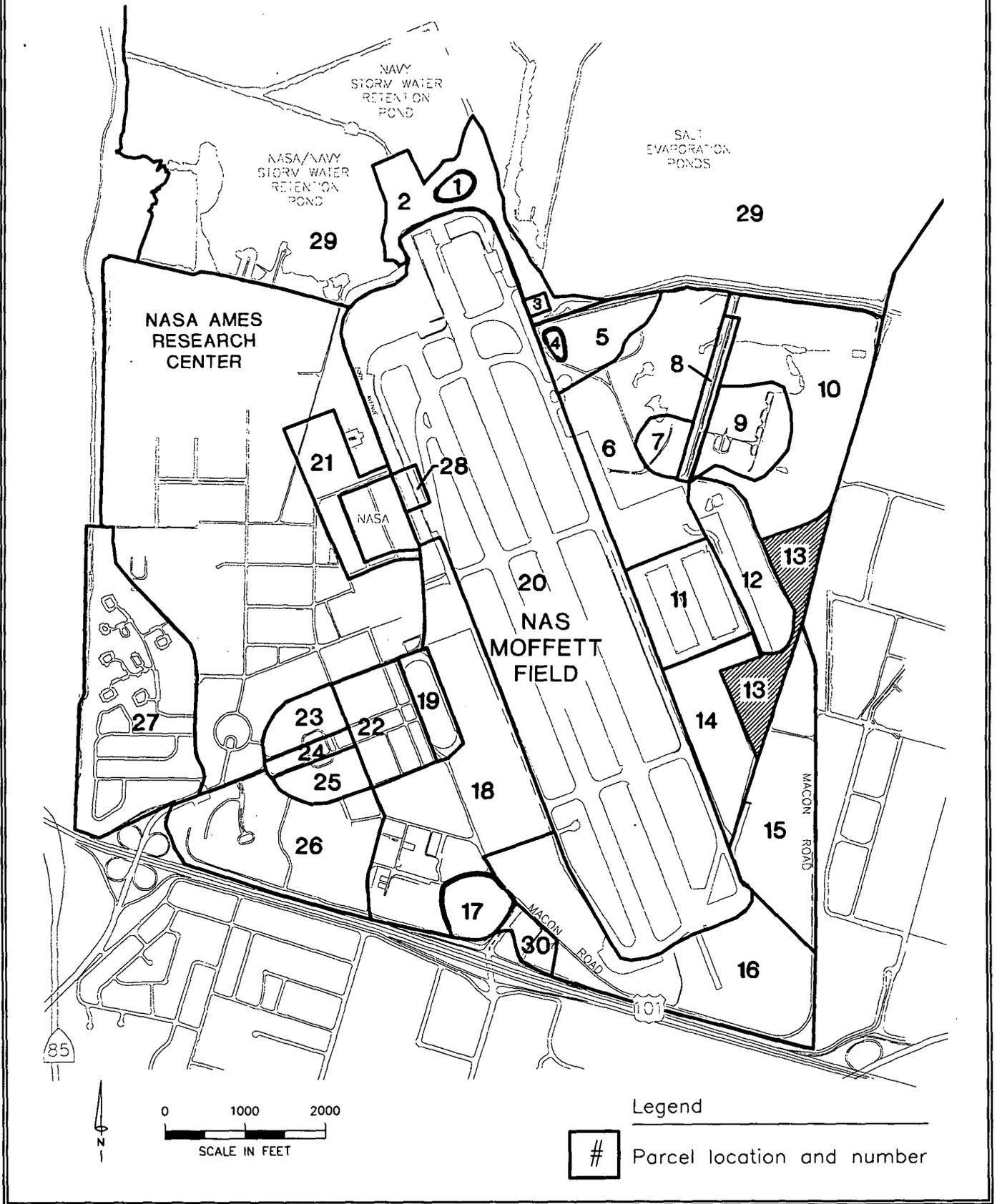
### Known Hazardous Materials Issues:

- Buildings 49, 124, 172, 193, 194, 198, 259-262, 300, 301, 390 were sampled for ACMs; 46 assumed ACMs and 3 confirmed ACMs were identified.
- Free product floating on ground water.
- Soil contaminated with BNAs, TPHs, and metals.
- Fifteen USTs are located in Parcel 13 (4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 18, 26, 30, 31, and 106). Tanks 4, 7, 10, 11, 12, and 13 are active. Tanks 5, 6, 8, 9, 18, and 106 are inactive; and Tanks 26, 30, and 31 have been removed.
- Six ASTs are located in Parcel 13 (72-75, 101, and 120); these ASTs are currently active.
- One active oil/water separator (125) is located in Parcel 13.
- Twenty-nine electrical components containing PCBs were identified in the 1993 PCB inventory.

### Data Gaps:

- The station is under notice to investigate two locations near Building 49 where stained materials indicate a possible past presence of a hazardous substance.
- The proposed plan for OU2-East, which includes IRP Site 5, has been approved by EPA and the ROD will be prepared in summer 1994.

**Location of Parcel No. 13 (Shaded)**



## PARCEL NO. 14 PROFILE

### Buildings/Facilities:

*Parcel 14: Paved area surrounding south side of Hangars 2 and 3; Buildings 458 and 504.*

### Description:

*Parcel 14 is an approximately 42-acre area that includes the Washrack (Building 458) and Birdbath (Building 504) that were used to clean military aircraft. Parcel 14 is bordered by Hangars 2 and 3 to the north and the runways to the west.*

### Historic Use:

*Prior to 1960, the area that Parcel 14 occupies was unused and vacant. The Washrack and Birdbath were constructed in 1960 and 1967, respectively. Runoff from the two facilities flowed to the east into the unpaved area within Parcel 14.*

### Current Use:

*Parcel 14 is currently paved for aircraft parking. The Birdbath and Washrack are currently operating facilities.*

### Known Environmental Issues:

*Identified habitat for San Francisco forktail damsel fly (Figure 2-14).*

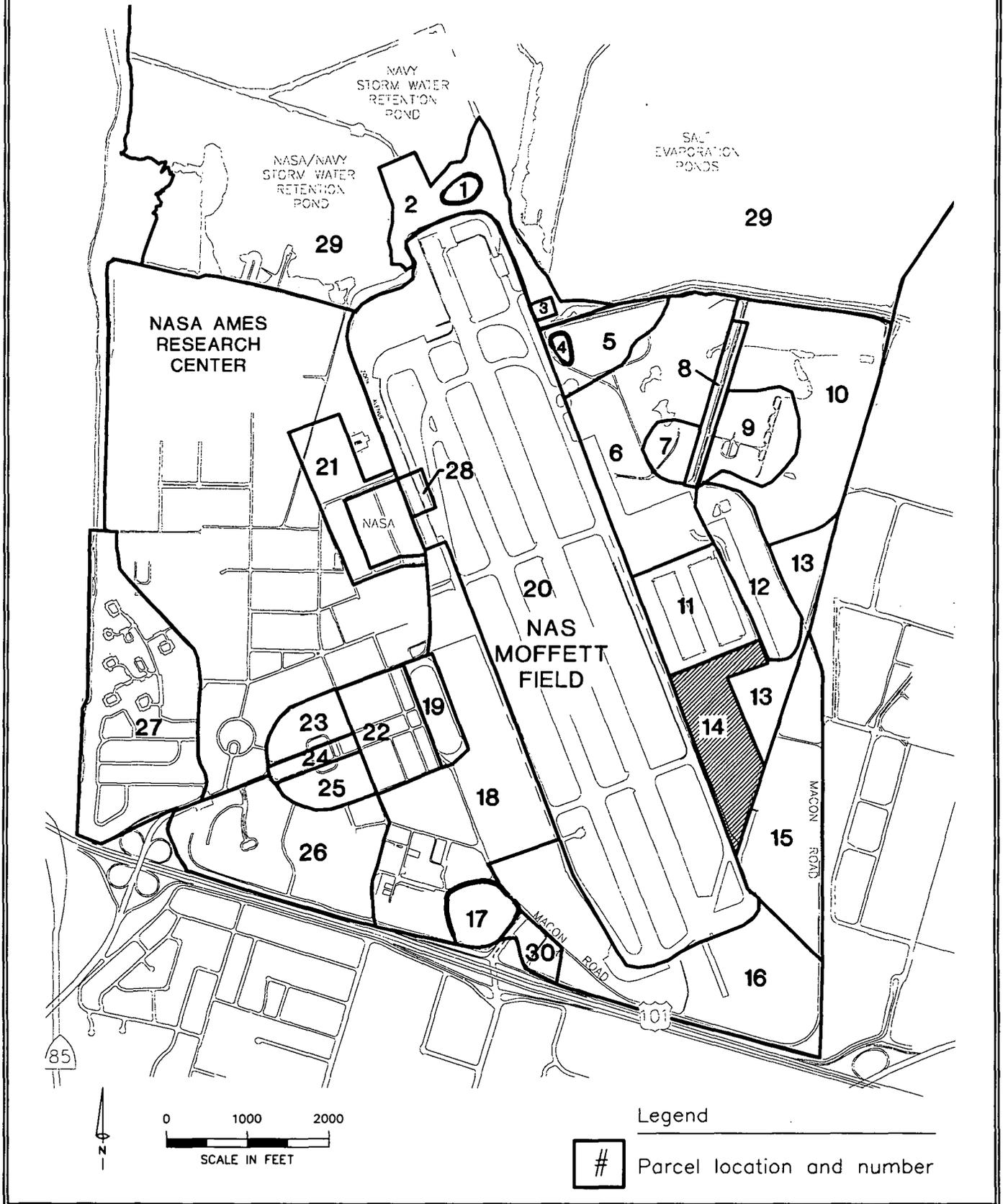
### Known Hazardous Materials Issues:

- *Building 504 was sampled for ACMs; none were identified.*
- *Building 458 and 504 were investigated in 1993 for presence of surface and subsurface contamination.*
- *Title 26 metals in soil were shown to be below TTLC values; barium, cadmium, chromium, and lead may exceed the STLC.*
- *Hazardous materials were stored in Buildings 458 and 504 during the past year.*

### Data Gaps:

*None*

**Location of Parcel No. 14 (Shaded)**



## PARCEL NO. 15 PROFILE

### Buildings/Facilities:

Parcel 15: Contiguous area against eastern border of NAS Moffett Field. Buildings 129, 477, 479, 531, 532, 536, 548, 549, 570, 575, 578, 586, 680, 681, 682, 683, and associated area.

### Description:

Parcel 15 is an approximately 60-acre area with 14 buildings. Significant structures include the gate sentry (Building 129), the avionics shop (Building 549), a chemical storage facility (Building 570), the battery repair shop (Building 575), and a storage facility (Building 682). Parcel 15 is a triangular area located on the east side of NAS Moffett Field bordered by Macon Road to the east and the fuel farm french drains and bulk tanks to the west. A portion of Parcel 15 is included in the IR Program as IRP Site 15.

### Historic Use:

Prior to the establishment of NAS Moffett Field in 1931, the area that Parcel 15 occupies was fallow land and was used for agriculture.

### Current Use:

The facilities within Parcel 15 are currently in use.

### Known Environmental Issue:

Nesting sites identified for the western burrowing owl.

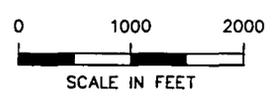
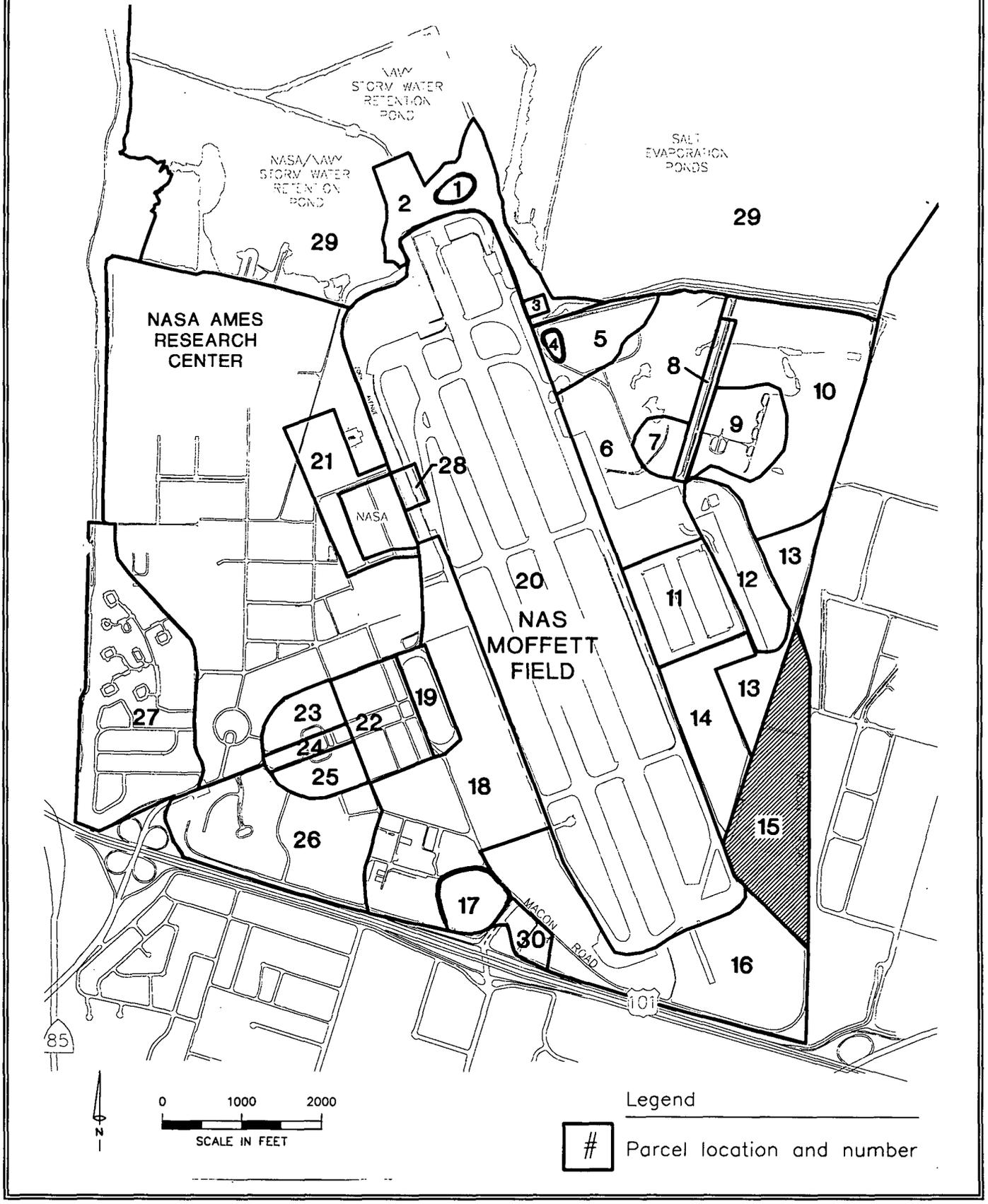
### Known Hazardous Materials Issues:

- Buildings 129, 549, and 570 were sampled for ACMs; 14 assumed ACMs and 2 confirmed ACMs were identified.
- A large quantity of hazardous materials was stored at Building 682 during the past year and staining around the drum storage area was observed during the site inspection.
- Hazardous materials stored at Building 575 during the past year include sulfuric acid, waste sulfuric acid, and battery casings. No staining was observed during the site inspection of Building 575.
- Five USTs (44, 45, 46, 76, and 77) are located in Parcel 15. Tanks 44, 45, and 46 are active; Tank 76 was removed in 1988; and Tank 77 is inactive and scheduled to be removed.
- AST 103 is located in Parcel 15. This tank is inactive and is scheduled for removal.
- Sump 130 is located in Parcel 15; it is inactive.
- Seven electrical components containing PCBs were identified in the 1993 PCB inventory.

### Data Gaps:

Several buildings within Parcel 15 are currently being investigated for subsurface contamination.

**Location of Parcel No. 15 (Shaded)**



**Legend**

# Parcel location and number

## PARCEL NO. 16 PROFILE

### Buildings/Facilities:

*Parcel 16: Land southwest and southeast of the runways. Buildings 454 and 463.*

### Description:

*Parcel 16 is an approximately 92-acre area that includes two communication and transmission facilities (Buildings 454 and 463). Parcel 16 is located in the southeast corner of NAS Moffett Field bordered by Macon Road to the east, Highway 101 to the south, and the runway to the north.*

### Historic Use:

*The area that Parcel 16 occupies was used for agricultural outleasing in the past.*

### Current Use:

*The buildings within Parcel 16 are in current use, as are the parking areas near each facility. The remaining open space of Parcel 16 is currently outleased for agricultural production.*

### Known Environmental Issues:

*Nesting sites identified for the western burrowing owl.*

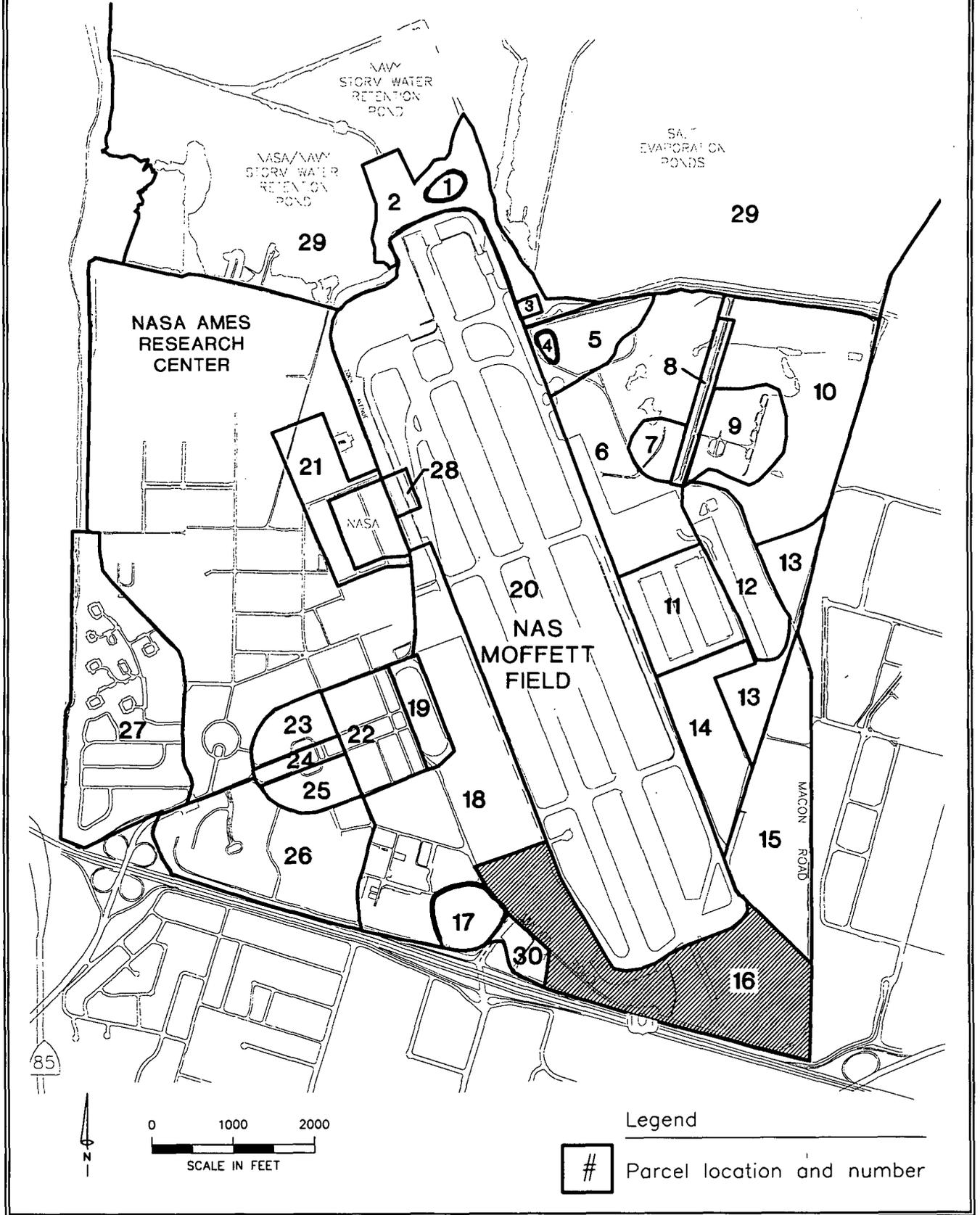
### Known Hazardous Materials Issues:

- *Hydrocarbon contaminated soil is stored on a concrete pad.*
- *The 1992 quarterly ground water monitoring program revealed that ground water beneath Parcel 16 is outside the nondetection contour for TCE and PCE.*
- *Three electrical components containing PCBs were identified in the 1993 PCB inventory.*

### Data Gaps:

*None*

**Location of Parcel No. 16 (Shaded)**



## PARCEL NO. 17 PROFILE

### Buildings/Facilities:

Parcel 17: Buildings 146, 184, 250, 251, 258, 292, and 544.

### Description:

Parcel 17 contains the military vehicle maintenance and repair yard (Building 292), the hazardous waste storage area (Buildings 250 and 251), the auto hobby shop (Building 544), the transportation garage (Building 140), public works storage (Building 184), and the transportation vehicle shed (Building 258). The area is located north of the south gate and encompasses approximately 16 acres. The majority of the structures in this area were constructed in the 1950s. Sections of Parcel 17 are included in the IR Program as IRP Sites 14, 15, and 16.

### Historic Use:

The truck maintenance yard was developed in the 1950s and its use has remained consistent. The land was not used prior to this date. Hazardous waste was reportedly stored in the open on an unpaved portion of this parcel located west at Building 258. The waste was removed in the late 1980s and disposed of off-base. Building 251 was constructed in 1957 to house RADAR and was later used to store pesticides. Pesticide storage was moved from this location in the late 1980s.

### Current Use:

Parcel 17 is still used for military vehicle repair. Building 250 is the basewide hazardous waste accumulation area. Hazardous waste from numerous activities are sent to Building 250 for proper storage, segregation, labeling, and offsite disposal. The auto hobby shop is active. Military personnel are able to rent automobile bays to repair privately-owned automobiles. A small retail store is also located in the auto hobby shop area to sell common automobile parts and accessories.

### Known Environmental Issues:

None

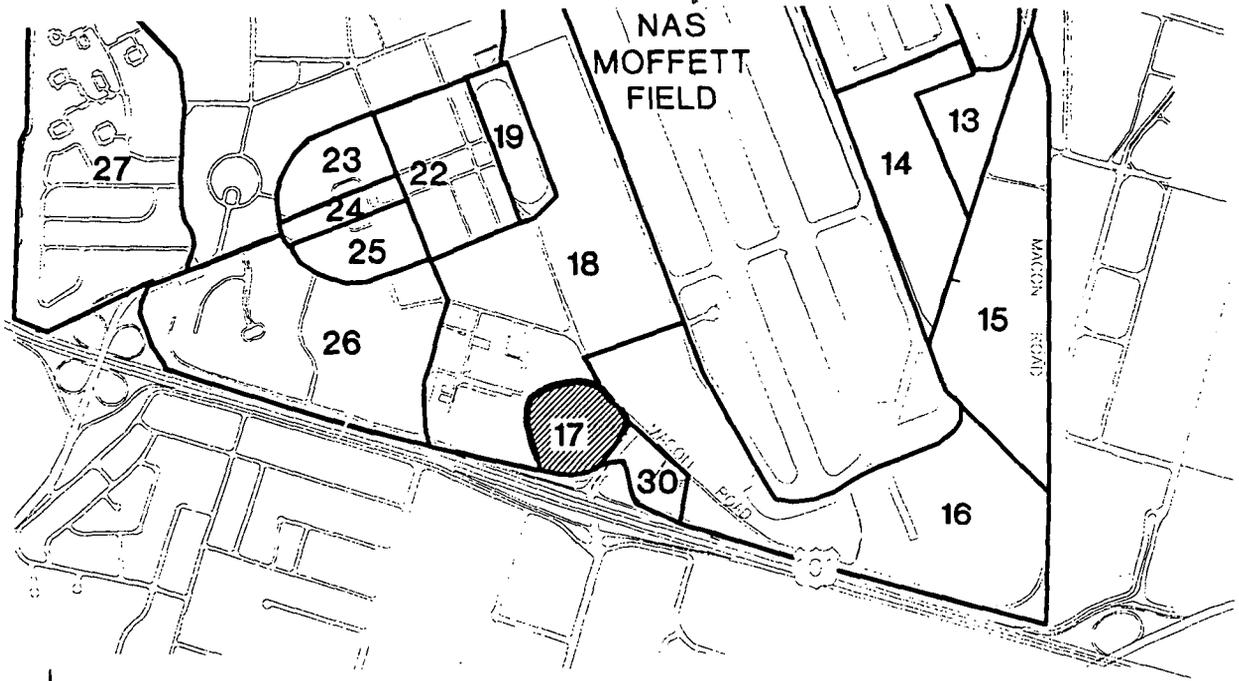
### Known Hazardous Materials Issues:

- Ground water beneath Parcel 17 is affected by the MEW plume.
- The former hazardous waste storage area located west of Building 258 was paved prior to any investigation.
- A Phase III investigation around Buildings 250 and 251 showed elevated soil levels of chloroform, methylene chloride, diesel, and metals.
- Staining on asphalt around Buildings 544 and 292 was noted during a site investigation.
- Large quantities of hazardous waste were stored in Building 250 during the past year.
- Hazardous materials, including solvents, motor oil, methanol, and hazardous waste oil, were stored in Building 292 during the past year.
- Buildings 146, 251, 258, 292, and 544 were investigated for ACMs; 21 assumed ACMs and 6 confirmed ACMs were identified.
- Eight USTs (19, 20, 57, 58, 70, 71, 89, and 116) are located in Parcel 17. Tanks 19, 20, and 57 have been removed; tanks 58 and 89 are inactive. Tank 116 is inactive and scheduled to be removed. Tanks 70 and 71 are active.
- Four oil/water separators (60, 126, 127, and 136) are located at Parcel 17. Separators 126 and 127 are active, 136 is inactive, and 60 has been removed.
- Parcel 17 includes IRP Sites 14, 15, and 16.
- Seven electrical components containing PCBs were inventoried in the 1993 PCB inventory.

**Data Gaps:**

Buildings 544 and 292 are currently being investigated for subsurface contamination. The station is under notice to investigate soil beneath and adjacent to the battery room in Building 146. Closure of the Santa Clara County Hazardous Material Storage Permit associated with Buildings 146 and 292 requires investigation of the battery shop inside Building 146.

**Location of Parcel No. 17 (Shaded)**



**Legend**

# Parcel location and number

## PARCEL NO. 18 PROFILE

### Buildings/Facilities:

Parcel 18: Contiguous areas west of the runway. This area contains approximately 70 buildings.

### Description:

Parcel 18 is an approximately 88-acre area located south and east of Hangar 1 and is bordered by the runway to the east and Highway 101 to the south. Approximately half of parcel 18 is paved and is used to park aircraft. The other half of Parcel 18 contains several structures including housing, support, and operations facilities. Portions of Parcel 18 are included in the IR Program as IRP Sites 10, 14, 15, 18, and 19.

### Historic Use:

When the Navy occupied the base in 1931, this area was used as support for Hangar 1.

### Current Use:

This area is currently used to park aircraft and is now used for housing units and administration buildings.

### Known Environmental Issues:

Identified nesting sites of the western burrowing owl (Figure 2-14).

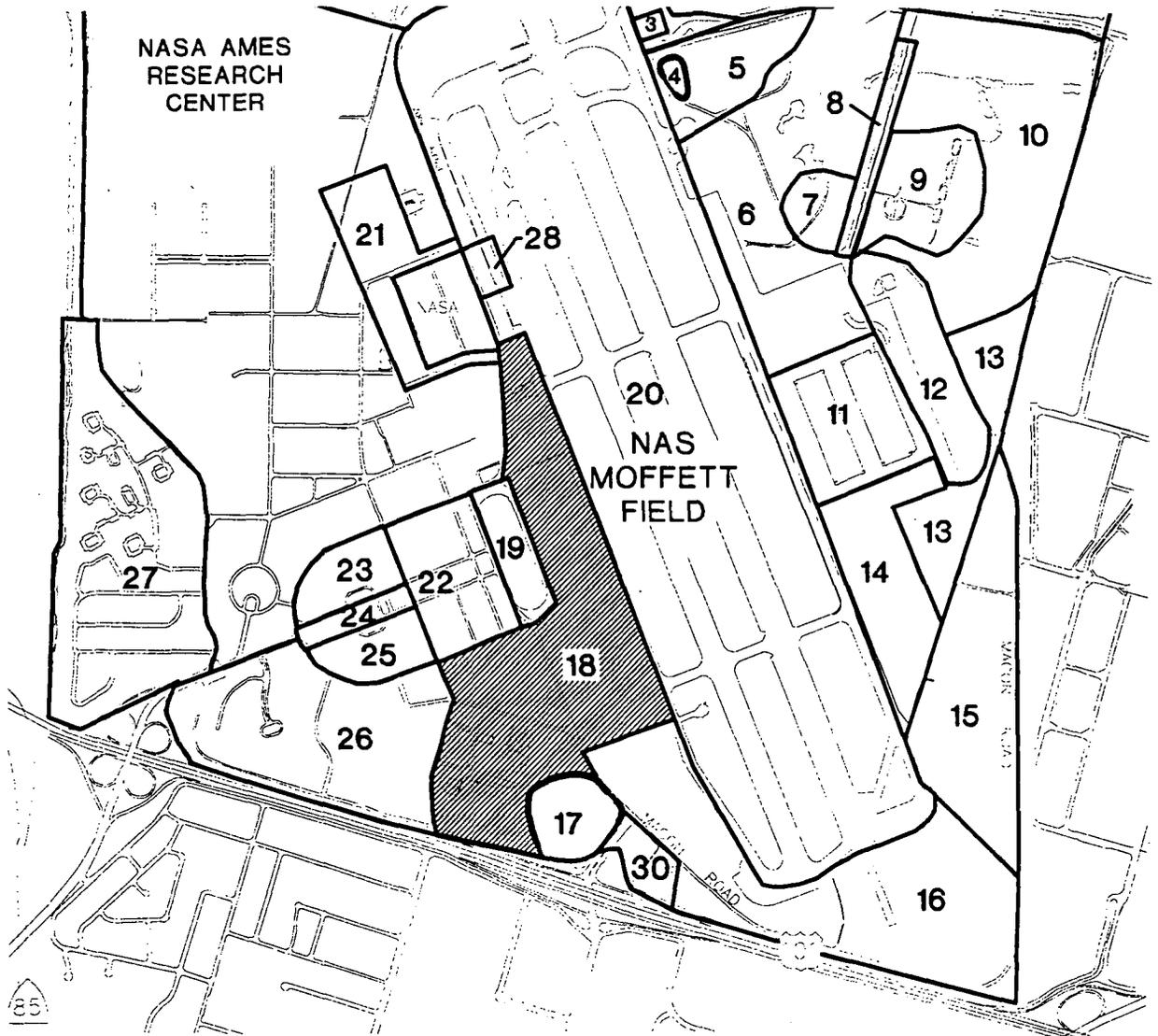
### Known Hazardous Materials Issues:

- Parcel 18 is located above the MEW plume.
- Chase Park (IRP Site 10), Sump 25 (IRP Site 15), Sump 66 (IRP Site 18), and UST 14 (IRP Site 19) are contained in Parcel 18. The RI for this area was completed in 1993. The ROD has not been completed.
- Many of the facilities within Parcel 18 were sampled for ACMs; 92 assumed ACMs and 4 confirmed ACMs were identified.
- Building 120 and associated property was used for storage of hazardous materials and wastes during 1993; staining on pavement was noted throughout the area during a site inspection. It is known that ponded stormwater was dumped onto unpaved areas south of Building 120.
- No Phase I activities have been conducted at Building 88. All information gathered for Building 88 was obtained from investigations conducted at nearby IRP Site 9 located within Parcel 22.
- Ground water beneath Parcel 18 is contaminated with TCE and PCE (>1,000 ppb).
- Twenty-nine electrical components containing PCBs were identified in the 1993 PCB inventory.
- Two oil/water separators (41B and 124) and three sumps (42, 66, and 91) are located in Parcel 18. Oil/water separator 41B and the sumps have been removed, except for sump 91 which is inactive and scheduled to be removed. Oil/water separator 124 is active.
- There are 14 underground storage tanks in Parcel 18 (14, 29, 33, 34, 35, 36, 37, 38, 39, 40, 41, 67, 68, and 113). All have been removed except 68 and 113 which are inactive.
- There are seven active aboveground storage tanks (108, 109, 118, 119, 134, 138 and 139). ASTs 94 and 95 have been removed.

**Data Gaps:**

- A Phase II Investigation is currently being conducted in the area around Building 120.
- Additional soil sampling is scheduled around Sump 66 in 1994.
- The station is under notice to investigate the soils beneath ASTS 94 and 95. Closure of the Santa Clara County Hazardous Materials Storage permit associated with Hangar 1 requires investigation of the site of former ASTs 94 and 95, used by the Flying Club.

**Location of Parcel No. 18 (Shaded)**



## PARCEL NO. 19 PROFILE

### Buildings/Facilities:

*Parcel 19: Hangar 1 and associated area.*

### Description:

*Parcel 19 is an approximately 12-acre area that includes Hangar 1 and the surrounding paved area. Parcel 19 is bordered by Cummins Avenue to the west, Westcoat Road to the north and south, and the runways to the east.*

### Historic Use:

*Hangar 1 is an active hangar constructed in 1933 and has recently been included on the National Register of Historic Places.*

### Current Use:

*Hangar 1 is active.*

### Known Environmental Issues:

*Building 1 is listed on the National Register of Historic Places.*

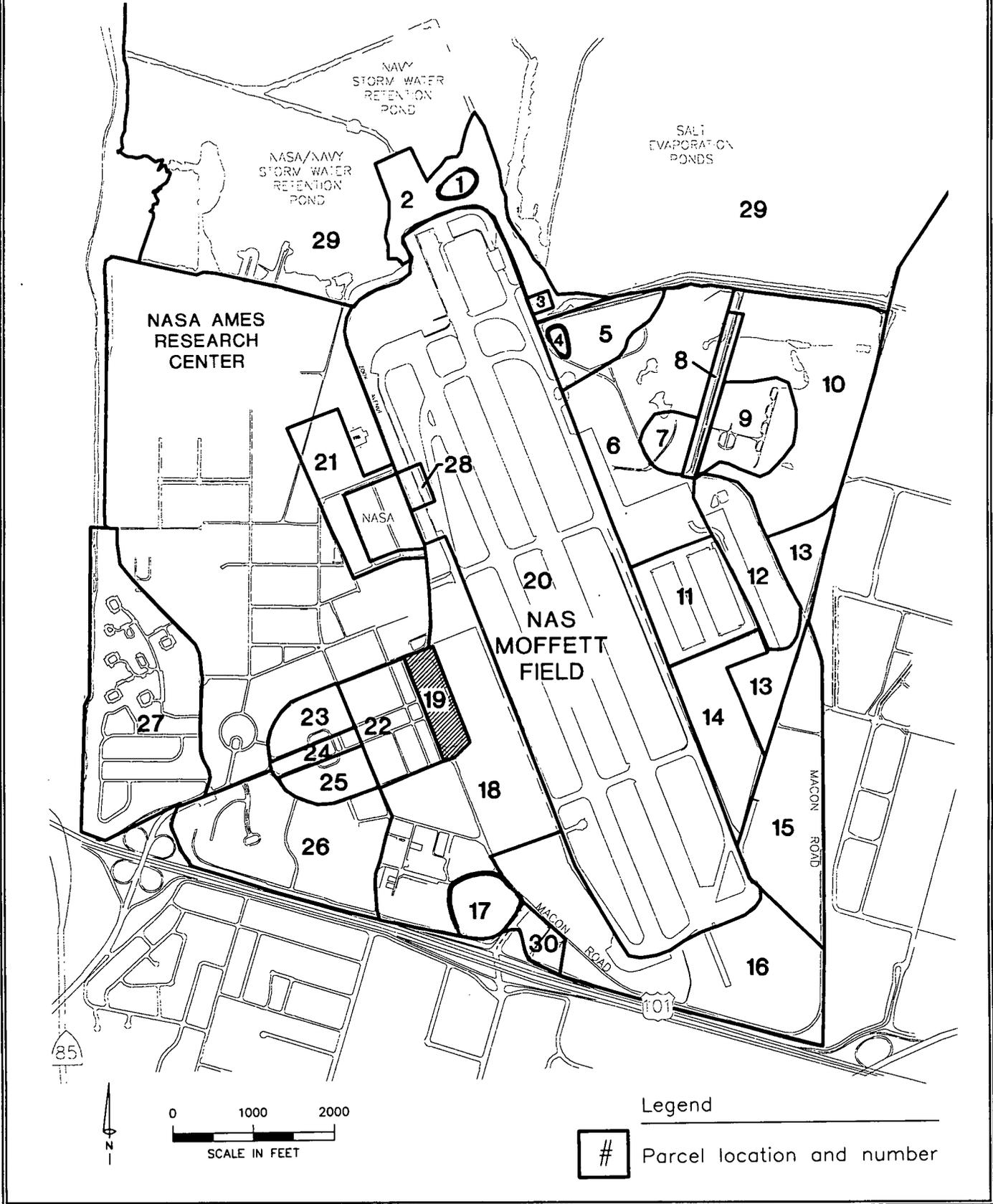
### Known Hazardous Materials Issues:

- *Adjacent to numerous IRP investigation sites.*
- *Parcel 19 is above the MEW Plume.*
- *Hangar 1 was sampled for ACMs; 27 assumed ACMs and 10 confirmed ACMs were identified.*
- *One electrical component containing PCBs was identified in the 1993 PCB inventory.*
- *One UST is present in Hangar 1 area. Tank 117 is inactive and scheduled for removal.*
- *One oil/water separator (25) is located in Parcel 19.*

### Data Gaps:

*Runoff from Hangar 1 is scheduled for investigation.*

**Location of Parcel No. 19 (Shaded)**



## PARCEL NO. 20 PROFILE

### Buildings/Facilities:

*Parcel 20: Runways and areas between runways.*

### Description:

*Parcel 20 is an approximately 370-acre area that encompasses the two runways at NAS Moffett Field. The runways of Parcel 20 are included in the IR Program as IRP Site 10.*

### Historic Use:

*The northern portion of Parcel 20 was originally used for agriculture before its development as an airfield in 1933.*

### Current Use:

*The two runways are active.*

### Known Environmental Issues:

*Habitat for western burrowing owl (Figure 2-14).*

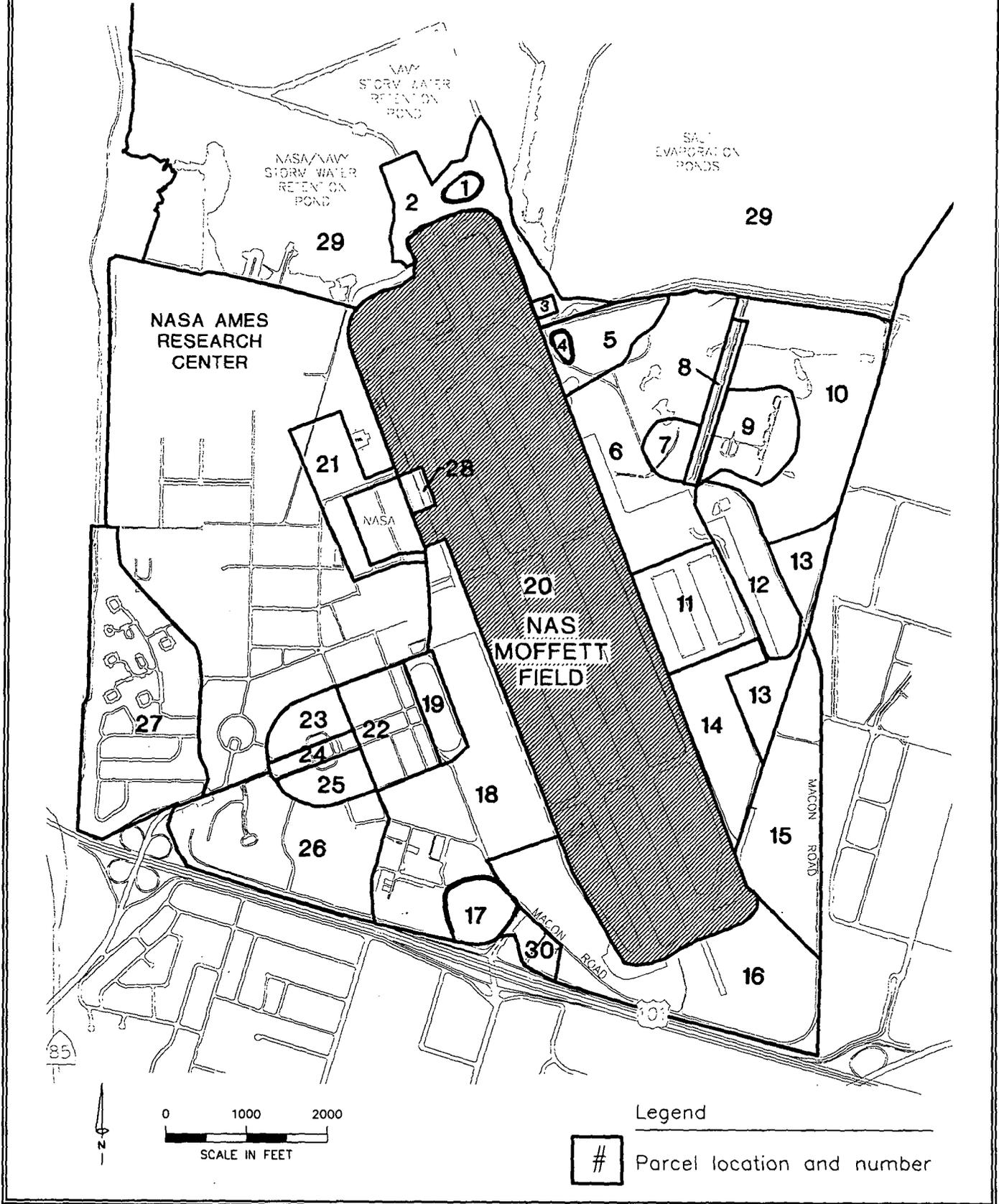
### Known Hazardous Materials Issues:

- *The runway area (IRP Site 10).*
- *Parcel 20 is above by the MEW plume.*
- *Organics and metals were detected in ground water beneath the runways.*
- *Soil samples collected from two soil borings indicated the presence of TPHC, VOCs, BNAs, and metals above background levels.*
- *15 electrical components containing PCBs were identified in the 1993 PCB inventory.*
- *Two USTs (15 and 55) are located in Parcel 20. Both of these structures have been removed.*
- *One AST (104) is located in Parcel 20; this tank is inactive and scheduled for removal. Two abandoned ASTs (132 and 133) are also located in this parcel.*

### Data Gaps:

*The RI for this area was completed in 1993. The proposed plan for OU2-East, which includes IRP site 10, has been accepted by EPA and the ROD will be prepared in summer 1994.*

Location of Parcel No. 20 (Shaded)



## PARCEL NO. 21 PROFILE

### Buildings/Facilities:

Parcel 21: Waste oil transfer area. Buildings 123 and 127.

### Description:

Parcel 21 is an approximately 10-acre area that includes two supply storage facilities (Buildings 123 and 127). It is located between Zook Road and McCord Avenue and is the previous location of a waste oil tank and waste oil sump that was used from the 1940s until 1980. Parcel 21 is included in the IR Program as IRP Site 8.

### Historic Use:

The waste oil tank and sump at Parcel 21 both have been removed. Oil was originally disposed of in the sump and then transferred into the tank. Prior to 1940, the area was not used by the Navy.

### Current Use:

Buildings 123 and 127 are currently not in use. The open area in this parcel is covered with gravel and currently serves as a storage area for obsolete vehicles and other pieces of equipment.

### Known Environmental Issues:

None

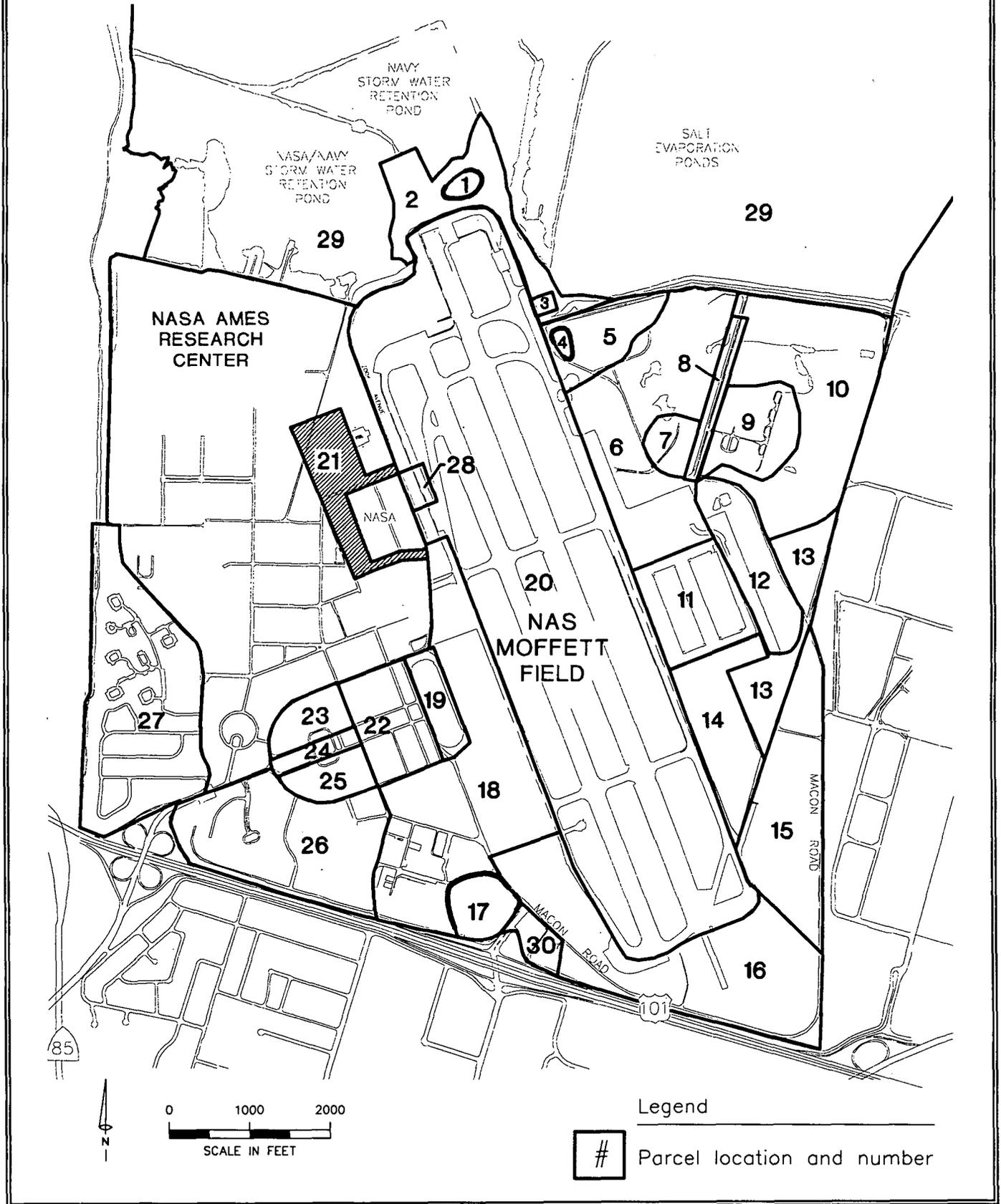
### Known Hazardous Materials Issues:

- Hazardous wastes disposed of at Parcel 21 in the past include transformer oils, paint and paint thinners, and solvents.
- Parcel 21 is above the MEW plume.
- Buildings 123 and 127 were sampled for ACMs; 4 assumed ACMs and 1 confirmed ACM were identified.
- Stained asphalt noted during site inspections.
- Ground water contaminated with VOCs, other organic compounds, and metals.
- Soil contaminated with organics, PCBs, and metals.
- Two USTs are located in Parcel 21. Tank 78 was removed in 1993; tank 115 is abandoned and scheduled to be removed.
- Three electrical components containing PCBs were identified in the 1993 PCB inventory.

### Data Gaps:

Parcel 21 is currently being investigated. The RI for this area was completed in 1993. The ROD has not been completed.

**Location of Parcel No. 21 (Shaded)**



## PARCEL NO. 22 PROFILE

### Buildings/Facilities:

Parcel 22: Central NAS Moffett Field. This area has 26 buildings within its boundaries.

### Description:

Parcel 22 is an approximately 24-acre area that includes several operations, warehouses, and commissary facilities. Many of these structures were constructed when NAS Moffett Field was first established. Parcel 22 includes IRP Sites 9, 15, and 17. Parcel 22 is bordered by Hangar 1 to the east and Westcoat Road to the north and south.

### Historic Use:

Parcel 22 is the site of the former NAS Moffett Field fuel farm (Building 29) and NEX gas station (Building 31). The base-wide hazardous materials storage area (Building 45) is also included in Parcel 22.

### Current Use:

Most of the buildings within this parcel are operating facilities, and many of them have historical resource status.

### Known Environmental Issues:

Many of the buildings within the parcel have been included in the National Register of Historic Places.

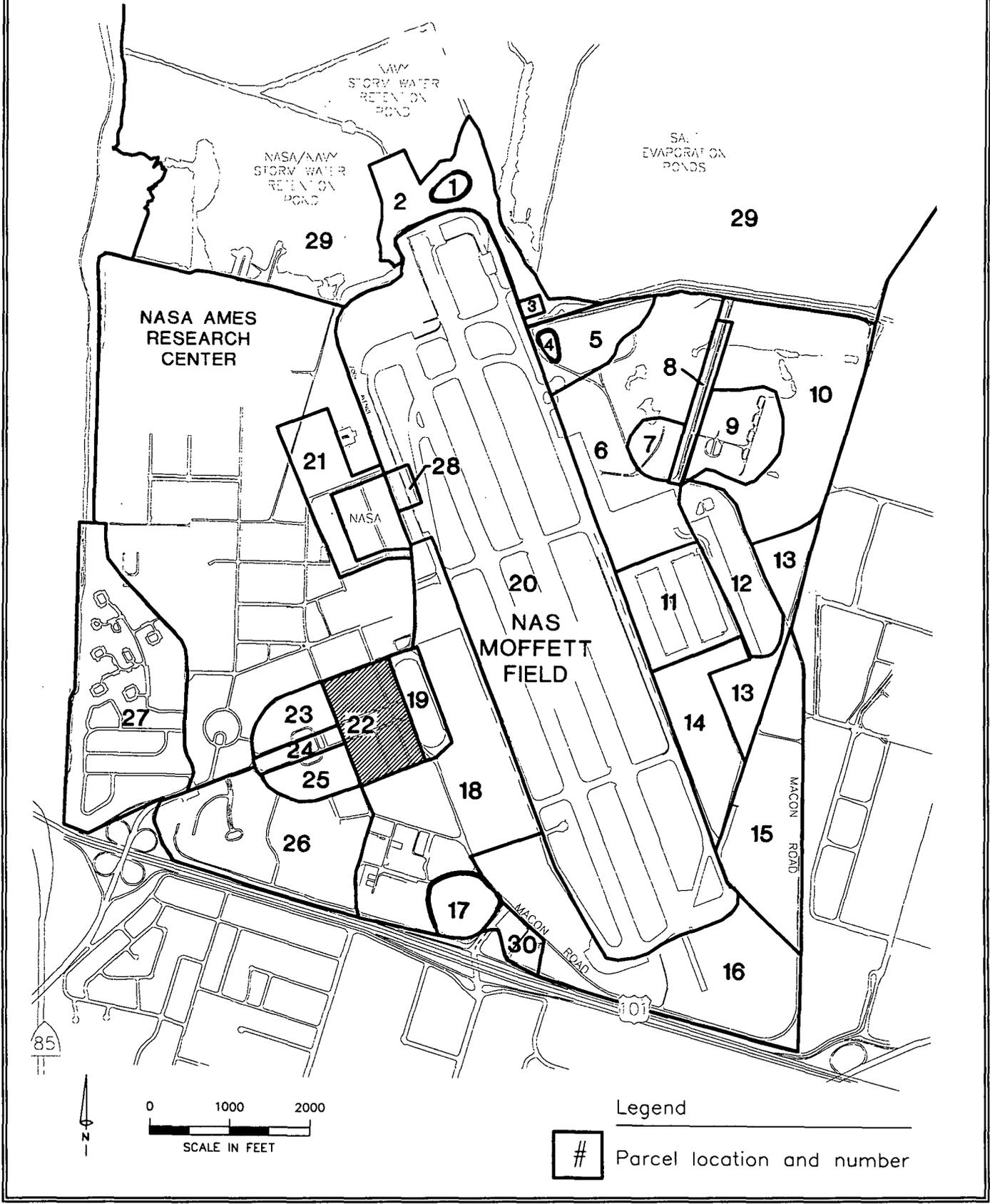
### Known Hazardous Materials Issues:

- Building 45 (hazardous materials storage), and sump 61 (closed 10/90), are included in the IR Program as IRP Site 17. No Phase I site activities have been conducted at Building 45; Phase II site activities are planned to include soil sampling.
- Soil and ground water in Parcel 22 are contaminated with VOCs, organic compounds, and metals above background levels.
- Parcel 22 is affected by the MEW plume.
- Nearly all of the facilities within Parcel 22 were sampled for ACMs; 110 assumed ACMs and 62 confirmed ACMs were identified.
- Twenty-five electrical components containing PCBs were identified in the 1993 PCB inventory.
- Twenty-one USTs are located in Parcel 22. These include: Tanks 1, 32, 47, 48, 49, 50, 56A-D, 79, 80, 81, 82, 83, 84, 85, 87, 97, 98, and 99. Nineteen of these tanks have been removed. Tanks 32 and 85 are inactive.
- Two ASTs (Tanks 52 and 105) are located within Parcel 22. Tank 105 is active but requires secondary containment. Tank 52 was removed and is now in service as Tank 72.
- Three sumps (61, 62, and 62A) are located in this parcel.

### Data Gaps:

IRP Sites 9, 15 and 17 are currently being investigated. The RI for this area was completed in 1993. The parcel is subject to the MEW ROD signed in 1989.

**Location of Parcel No. 22 (Shaded)**



## PARCEL NO. 23 PROFILE

### Buildings/Facilities:

Parcel 23: Buildings 18, 19, 25, 34, 67, 478, 569, and associated area.

### Description:

Parcel 23 is an approximately 16-acre area that includes several administration facilities, dormitory housing, the base theater, and a post office. Parcel 23 is bordered by Akron Road to the south and Wescoat Road to the north and west. The open space within this parcel is covered with either grass or pavement.

### Historic Use:

Many of the buildings in Parcel 23 were constructed in the 1930s, and some have recently been included in the National Register of Historic Places.

### Current Use:

Building 19 is currently vacant except for the photography laboratory and several administrative offices still in operation.

### Known Environmental Issues:

Many of the buildings have recently been included in the National Register of Historic Places.

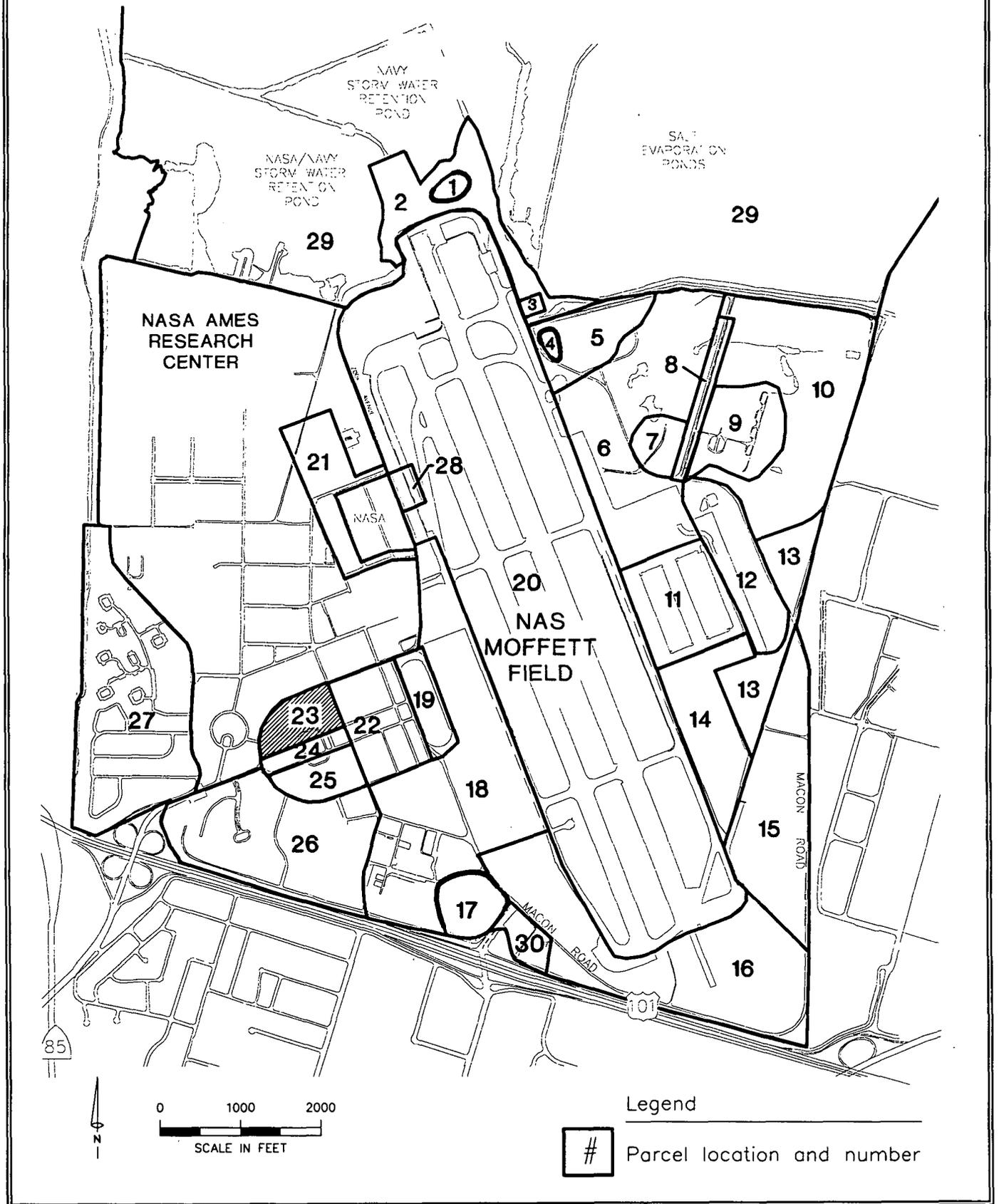
### Known Hazardous Materials Issues:

- One AST (129) is located in Parcel 23. This tank is currently active.
- All facilities within Parcel 23 were sampled for ACMs; 43 assumed and 31 confirmed ACMs were identified.
- Hazardous materials, including photographic fixer and developer and waste photographic chemicals, were stored in Building 19 during the last year.
- Parcel 23 is above the MEW plume.
- Nine electrical components containing PCBs were identified in the 1993 PCB inventory.

### Data Gaps:

Station is under notice to investigate potential contamination from the photo lab.

**Location of Parcel No. 23 (Shaded)**



## PARCEL NO. 24 PROFILE

### Buildings/Facilities:

*Parcel 24: Building 17, flag pole, and associated area.*

### Description:

*Parcel 24 is an approximately five-acre area that includes Building 17 and the flag pole and is bordered by Akron Road to the north, south, and west. The area within Parcel 25 has been nominated for historic resource status. A large portion of Parcel 25 is maintained lawn.*

### Historic Use:

*Building 17, used for administration, and the flag pole were both constructed in 1933, are included in the National Register of Historic Places.*

### Current Use:

*Building 17 is currently used for administrative purposes.*

### Known Environmental Issues:

*Building 17 and the flag pole are nominated for historic resource status.*

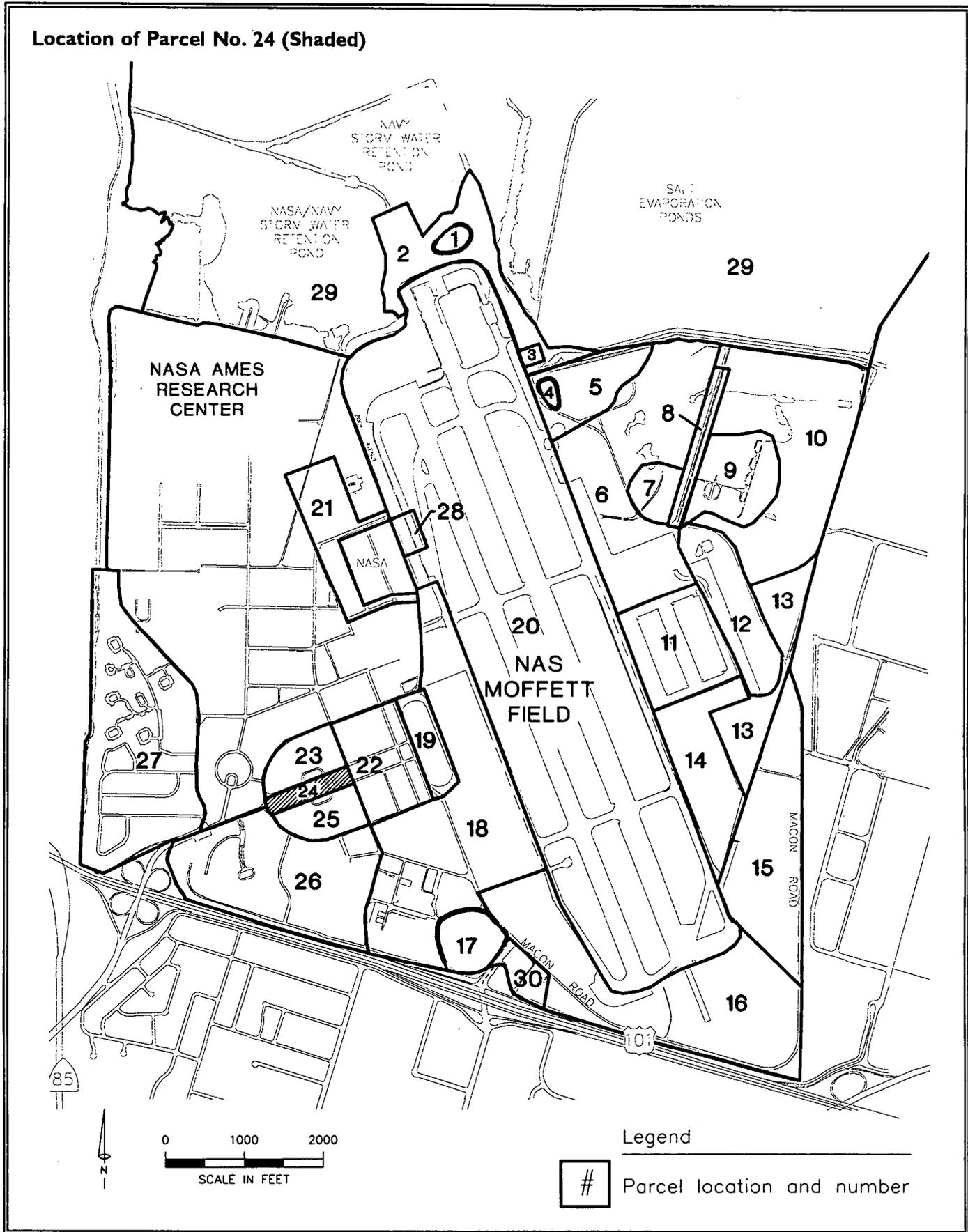
### Known Hazardous Materials Issues:

- *One electrical component containing PCBs was identified in the 1993 PCB inventory.*
- *Parcel 24 is over by the MEW plume.*
- *Building 17 was sampled for ACMs; 14 assumed ACMs and 8 confirmed ACMs were identified.*

### Data Gaps:

*None*

**Location of Parcel No. 24 (Shaded)**



## PARCEL NO. 25 PROFILE

### Buildings/Facilities:

*Parcel 25: Buildings 20, 22, 23, 24, 501, 566, and associated area.*

### Description:

*Parcel 25 is an approximately 16-acre area that includes the former NAS Moffett Field Fire Station (Building 501), administrative offices (Buildings 23, 566), the base legal office (Building 24), and an old BOQ (Building 20). Several garages, tennis courts, and a swimming pool in Building 20 are also included in this parcel. Parcel 25 is bordered by Akron Road to the north and Wescoat Road to the south and west.*

### Historic Use:

*Building 20, a former BOQ, was constructed in 1933. Building 501 was constructed in 1940 as a fire station.*

### Current Use:

*Building 501 is currently used by the NAS Moffett Field Fire Department for offices. The tennis courts and swimming pool are currently used as recreation facilities. The majority of the buildings in this parcel are currently used for administrative purposes.*

### Known Environmental Issues:

*None*

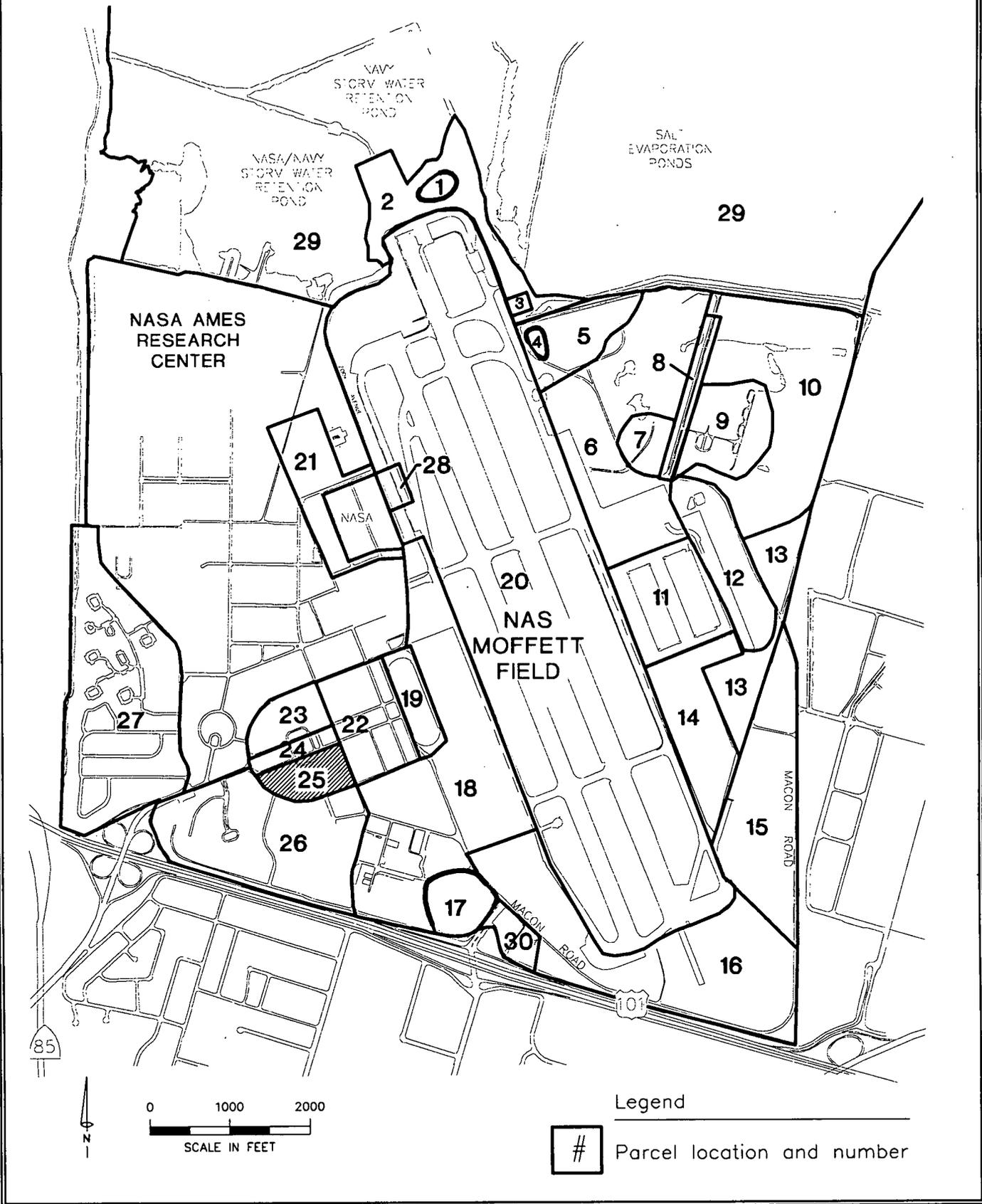
### Known Hazardous Materials Issues:

- *Buildings 20, 22-24, 501, and 566 were sampled for ACMs; 37 assumed ACMs, and 16 confirmed ACMs were identified.*
- *Hazardous materials, including powdered aluminum phosphate, paint, gasoline, and lighter fluid were stored at Building 501 during the past year.*
- *Soils beneath Building 501 may be affected from past automobile and truck maintenance activities.*
- *Parcel 25 is affected by the MEW plume.*
- *An abandoned lube pit is thought to exist in Parcel 25.*
- *Five electrical components containing PCBs were identified in the 1993 PCB inventory.*

### Data Gaps:

*Building 501 is currently under investigation; the results of the analytical testing have not been published.*

**Location of Parcel No. 25 (Shaded)**



## PARCEL NO. 26 PROFILE

### Buildings/Facilities:

*Parcel 26: Contiguous area located in southwest corner of NAS Moffett Field.*

### Description:

*Parcel 26 is an approximately 55-acre area that includes approximately 45 military single-family housing facilities, eight dormitory buildings, a dining hall (Building 152), an athletic field, and several administration buildings. The housing and administration buildings were constructed during the 1950s and 1960s.*

### Historic Use:

*Prior to the establishment of NAS Moffett Field, the area that Parcel 26 occupies was used for agriculture.*

### Current Use:

*Some housing units within this parcel are partially occupied.*

### Known Environmental Issues:

*None*

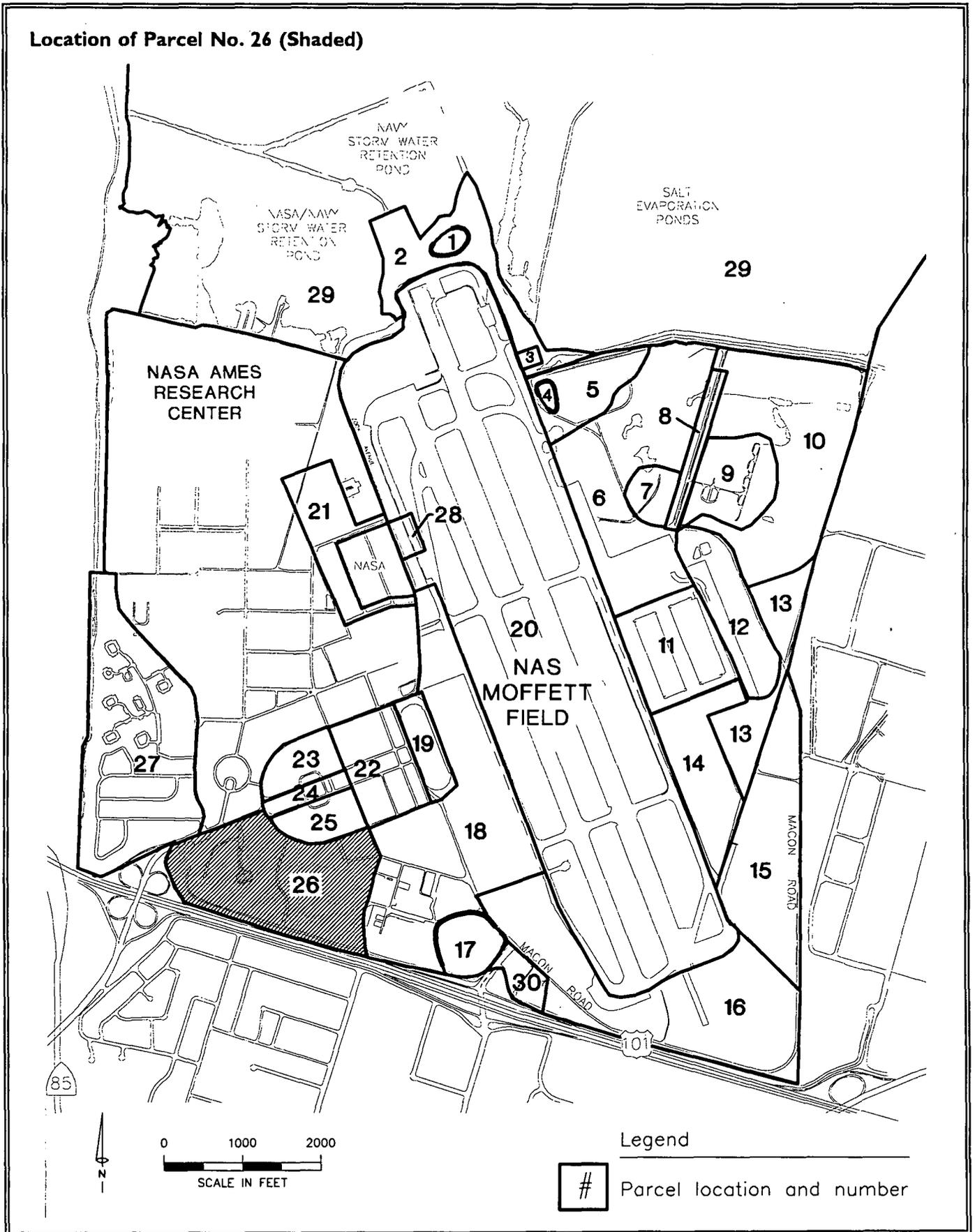
### Known Hazardous Materials Issues:

- *One active AST (135) is located inside Building 109.*
- *One inactive AST (111) is located in Parcel 26.*
- *Three USTs (110, 86A, and 86B) are in Parcel 26. Tank 110 is inactive and scheduled to be removed. Tanks 86A and 86B were removed in 1993.*
- *Parcel 26 is over the MEW plume.*
- *Many of the buildings within Parcel 26 were sampled for ACMs; 124 assumed ACMs and 96 confirmed ACMs were identified.*
- *Ground water at Parcel 26 is contaminated with TCE and PCE (>1,000 ppb).*
- *Twenty-six electrical components containing PCBs were identified in the 1993 PCB inventory.*

### Data Gaps:

*None*

**Location of Parcel No. 26 (Shaded)**



## PARCEL NO. 27 PROFILE

### Buildings/Facilities:

*Parcel 27: Station Housing.*

### Description:

*Parcel 27 is an approximately 80-acre area located northwest of the main gate to NAS Moffett Field. The area is used for military single-family and multiple-family housing. The majority of the units were constructed in the 1960s.*

### Historic Use:

*Prior to 1960, the land was not used by the Navy, and was probably in agricultural production.*

### Current Use:

*All of the units are currently occupied by military families.*

### Known Environmental Issues:

- *Stevens Creek borders this property on the western side. The creek supports riparian vegetation and flows into bay lands.*

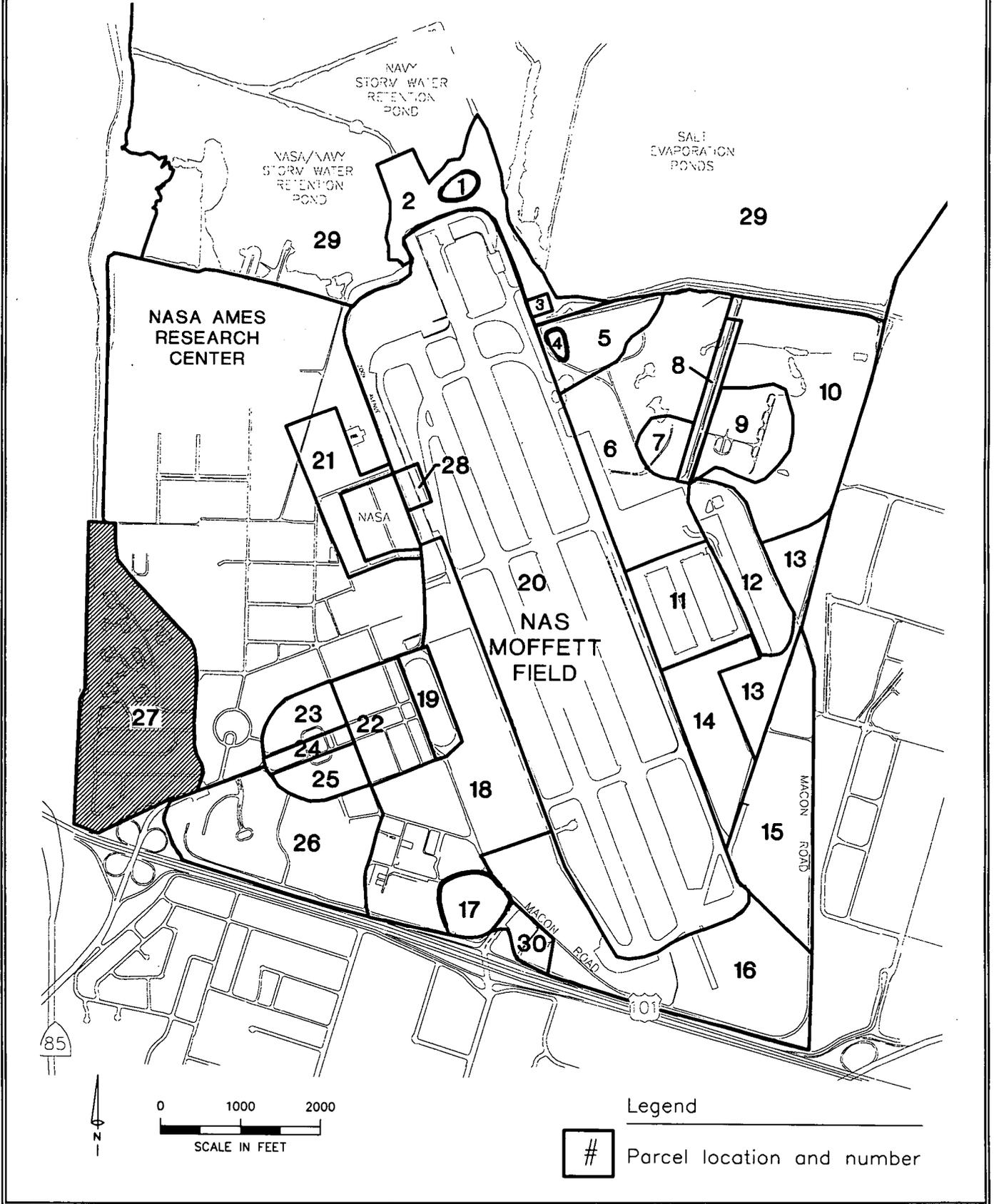
### Known Hazardous Materials Issues:

*One electrical component containing PCBs was identified in the 1993 PCB inventory.*

### Data Gaps:

*Presence of asbestos was not determined.*

**Location of Parcel No. 27 (Shaded)**



## PARCEL NO. 28 PROFILE

### Buildings/Facilities:

*Parcel 28: Fire Fighting Training Area (IRP Site 12).*

### Description:

*The Fire Fighting Training Area is a one-acre area located along the northwest edge of the runway to the east of Zook Road. The area was used to train firefighters to extinguish materials ignited with waste flammable liquids. Parcel 28 is included in the IR Program as IRP Site 12.*

### Historic Use:

*The training area has been used since the 1950s until the 1980s. Prior to the 1950s, the area was used for agriculture.*

### Current Use:

*The area is currently vacant and unused.*

### Known Environmental Issues:

*None*

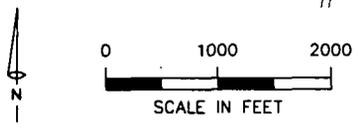
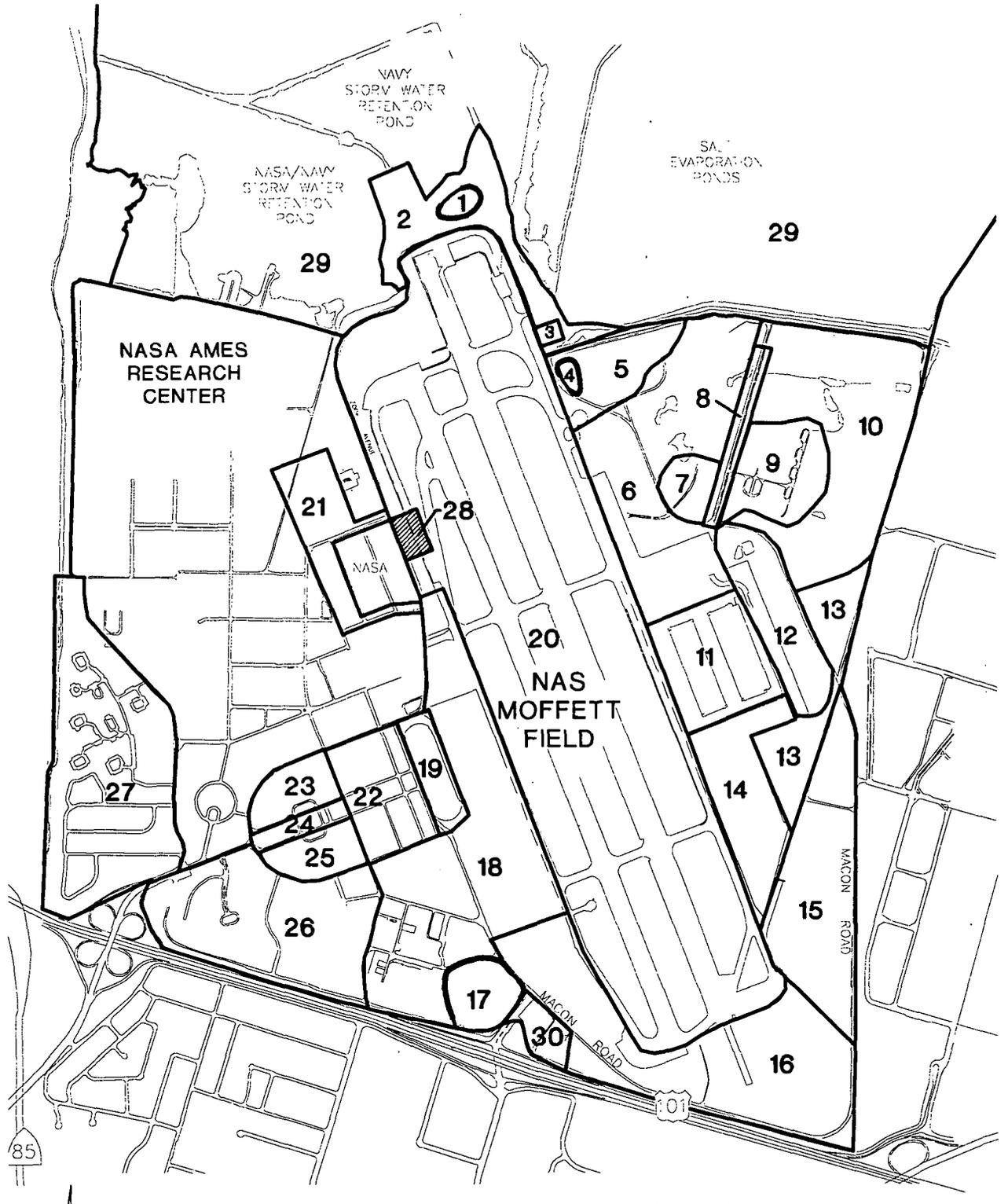
### Known Hazardous Materials Issues:

- *Parcel 28 is above the MEW plume.*
- *Soil is contaminated with VOCs, BNAs, TPHC, oil and grease, and metals.*
- *Ground water analyses revealed VOCs and metals above background levels.*

### Data Gaps:

*This site is currently under IR investigation. The RI for this area was completed in 1993. The ROD has not been finalized.*

**Location of Parcel No. 28 (Shaded)**



**Legend**

# Parcel location and number

## PARCEL NO. 29 PROFILE

### Buildings/Facilities:

Parcel 29: Wetlands. No buildings are located on this parcel.

### Description:

The wetlands are located in the northernmost section of the base adjacent to the Cargill Salt Evaporation Ponds and the runway and occupy approximately 500 acres.

### Historic Use:

The parcel has been partially filled and diked, some for the establishment of salt evaporation ponds.

### Current Use:

The wetlands are currently not used, except for salt evaporation on the northeast side of the station.

### Known Environmental Issues:

- Composed of salt marsh vegetation and seasonal ponds in the north and brackish marshes in the southeast corner, the wetlands provide the base's primary wildlife habitat.
- The wetland area supports sensitive, threatened, and endangered species. These include the salt marsh harvest mouse, the California clapper rail and the San Francisco forktail damsel fly (as shown in Figure 2-14).

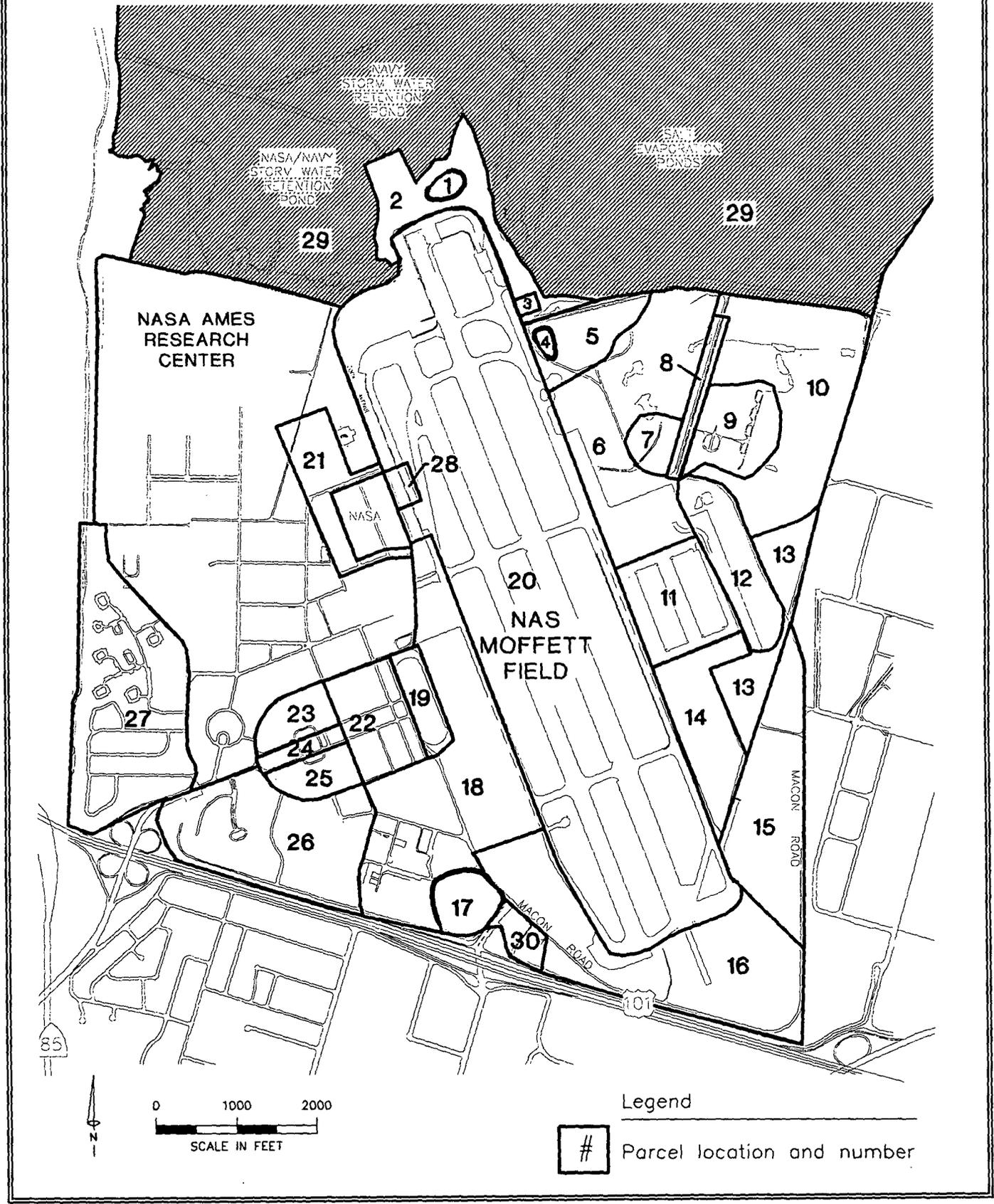
### Known Hazardous Materials Issues:

- AST 92 was removed and replaced with Tank 141.
- AST 93 was removed and replaced with Tank 140.
- One active AST (137) is located in Parcel 29.

### Data Gaps:

A field investigation of the area near a diesel-powered pump located near former AST 93 found oil-stained gravel. Sampling was recommended due to the nearby sensitive environment.

**Location of Parcel No. 29 (Shaded)**



## PARCEL NO. 30 PROFILE

### Buildings/Facilities:

*Parcel 30: Buildings 454 and 463.*

### Description:

*Both Buildings 454 and 463 were constructed in 1960. Building 454 is a UHF/VHF transmission building; Building 463 is a communications antenna system.*

### Historic Use:

*Prior to 1960, the area was vacant and unused.*

### Current Use:

*The area is currently used for UHF/VHF and communications transmissions.*

### Known Environmental Issues:

*None*

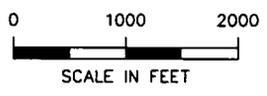
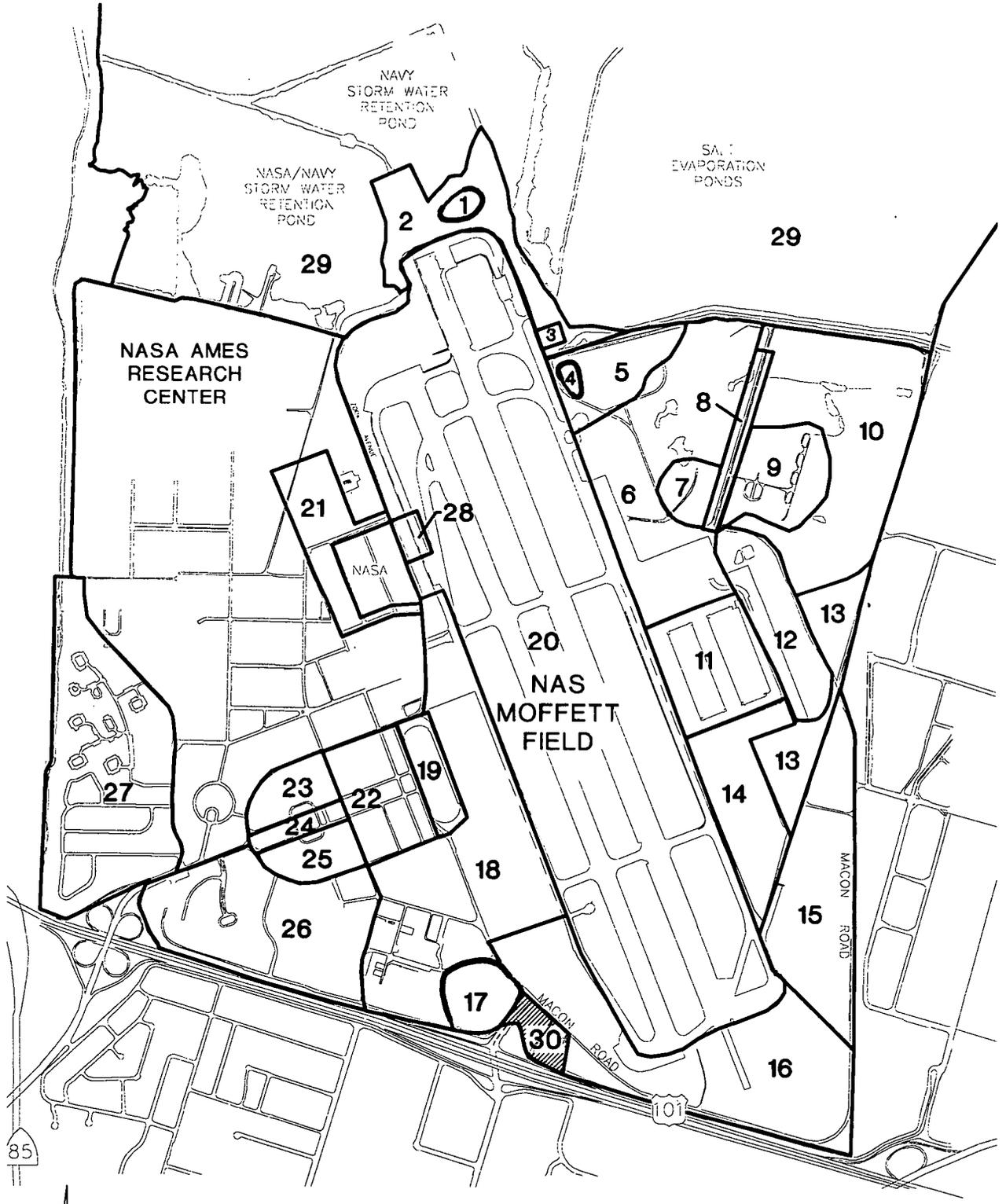
### Known Hazardous Materials Issues:

- *Inactive UST 21 is scheduled for removal.*
- *Building 454 was sampled for ACMs; two assumed ACMs and no confirmed ACMs were identified.*

### Data Gaps:

*None*

**Location of Parcel No. 30 (Shaded)**



**Legend**

# Parcel location and number

## PARCEL NO. 31 PROFILE

**Buildings/Facilities:**

*Parcel 31: NavAir Manor. No buildings are on this parcel.*

**Description:**

*NavAir Manor is a parcel of approximately ten acres located south of Highway 101 at the corner of Morse and Waddington Avenues in Sunnyvale, California.*

**Historic Use:**

*The parcel used to contain houses that were demolished approximately two years ago.*

**Current Use:**

*The property is currently vacant and unused.*

**Known Environmental Issues:**

*None*

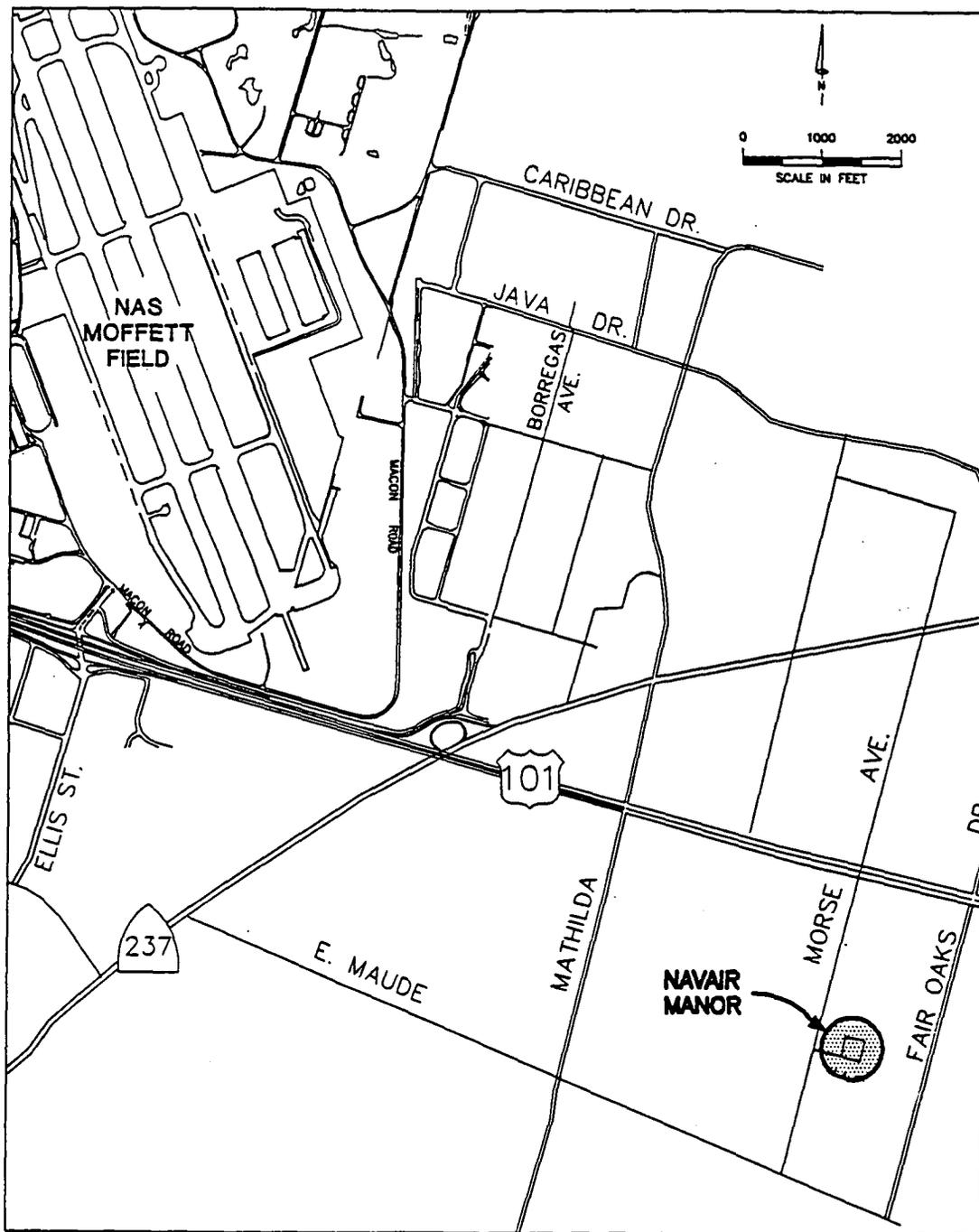
**Known Hazardous Materials Issues:**

*None*

**Data Gaps:**

*None*

Location of Parcel No. 31 (Shaded)



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**APPENDIX A**

**MATERIAL SAFETY DATA SHEETS**

MSDS	TRADE NAME	MANUFACTURER	NSN
BCWT	MIL-W-83779, WATER INDICATING PASTE	KOLOR KUT PRODUCTS CO.	6850-00-001-4194
BCTWV	GAGE-O (WATER INDICATING PASTE)	AMERICAN CHEMICAL CORP.	6850-00-001-4194
BCTYG	CLEANING & LUBRICATING COMPOUND, ELEC. CONTACT	CHEMTRONICS, INC.	6850-00-003-5295
BCTYR	HUSH	CHEMICAL ELECTRONICS ENG, INC	6850-00-003-5295
BCTYS	CLEANING & LUBRICATING COMPOUND, ELECTRICAL	CHEMSCOPE CORP.	6850-00-003-5295
BCTYT	MIL-C-83360, CLNG & LUB CMPD. ELEC CONTACT	TECH SPRAY, INC.	6850-00-003-5295
BCTYV	CLEANING & LUBRICATING COMPOUND, MIL-C-83360	BULK CHEMICALS DISTRIBUTORS, INCORPORATED	6850-00-003-5295
BCTYW	MIL-C-83360, CLNG & LUB CMPD., ELEC CONTACT	TRIO CHEMICAL WORKS, INC.	6850-00-003-5295
BCTYX	MIL-C-83360, CLNG & LUB CMPD., ELEC. CONTACT	ASPENGLD CORPORATION	6850-00-003-5295
BCTZZ	AIRCRAFT CLEANING COMPOUND	BULK CHEMICALS DISTRIBUTORS, INCORPORATED	6850-00-005-5305
BCVBB	CLEANING COMPOUND, ACFT SURFACE	SPEER PRODUCTS, INC.	6850-00-005-5305
BCVBC	MIL-C-43616C AM 2, CLASS I&IA; CLEANING COMD	OCTAGON PROCESS INC.	6850-00-005-5305
BCVBB	ETHYLENE GLYCOL	E. I. DUPONT (PPG INDUST, UNION CARBIDE DOW CHEM)	6810-00-006-4205
BCVBH	ETHYLENE GLYCOL-FIBER GRADE; SHELL CODES 2454	SHELL OIL COMPANY	6810-00-006-4205
BCVBJ	ETHYLENE GLYCOL	CHEMICAL COMMODITIES (DIST), UNION CARBIDE (MFR).	6810-00-006-4205
BCVBK	ETHYLENE GLYCOL,	MALLINCKRODT INC., SCIENCE PRODUCTS DIVISION	6810-00-006-4205
BCVBL	AMSCO SOLV 5660	UNION CHEMICALS DIVISION, UNION OIL COMPANY OF CALI	6810-00-006-4205
BCVBH	ETHYLENE GLYCOL (REGULAR) PRODUCT CODE; 30478	DOW CHEMICAL U.S.A (MFR) PHIPPS PRODUCTS (DISTRIBU)	6810-00-006-4205
BCVDT	GC-450 CLASS B (BASE)	GOAL CHEMICAL SEALANT CORP	8030-00-008-7207
BCVDV	GC-450 ACCELERATOR	GOAL CHEMICAL SEALANT CORP	8030-00-008-7207
BCVDW	PRO-SEAL 870 A BASE	ESSEX CHEMICAL CORPORATION	8030-00-008-7207
BCVDX	PR-1436-S CLASS A	PRODUCT RESEARCH & CHEMICAL CORPORATION	8030-00-008-7207
BCVHH	MIL-L-15019C, SYMBOL 6135, BW 54123	MAYCO OIL & CHEMICAL CO	9150-00-011-5892
BCVHJ	MIL-L-15019E, MIL SYMML 6135, LUBE OIL, COMPDE	DAVIS-HOWLAND OIL CORP	9150-00-011-5892
BCVHK	MIL-L-15019, LUBRICATING OIL, COMPOUND	SOUTHWEST PETRO-CHEM, INC	9150-00-011-5892
JG	140 SOLVENT (AMSCO)	STROMBERG-CARLSON CORPORATIN.	6850-00-015-0325
BCVJH	APCO 140	OKLAHOMA REFINING CO.	6850-00-015-0325
BCVJJ	7252-239 TYPE II	CHEMICAL COMMODITIES AGENCY	6850-00-015-0325
BCVJK	202135-251	AMSCO DIV, UNION OIL CO OF CALIFORNIA	6850-00-015-0325
BCVJL	WATCH OIL 140C	WILLIAM F. NYE, INC.	6850-00-015-0325
BCVPR	DAMPING FLUID, SILICONE BASE; 12,500 CST	BEESTON, INC.	9150-00-024-9624
BCVPS	VV-D-1078B 12,500 C/S	BULK CHEMICALS DISTRIBUTORS, INCORPORATED	9150-00-024-9624
BCVPT	INNERBOND 2010 FLUID 12,500 CST	INLAND PACKAGING INC.	9150-00-024-9624
BCVPV	200 FLUID 12500 CST	DOW CORNING	9150-00-024-9624
BCVTC	GENESOLV D SOLVENT (FREDN 113)	ALLIED CORPORATION CHEMICAL SECTOR	6850-00-033-8851
BCVTD	GENETRON 113 TRICHLORO TRIFLUOROETHANE	ALLIED CORPORATION CHEMICAL SECTOR	6850-00-033-8851
BCVTF	FREON 113	E. I. DUPONT DE NEMOURS & CO., INC.	6850-00-033-8851
BCVVB	HALOCARBON 6.3 OIL	HALOCARBON PRODUCTS CORPORATION	9150-00-035-5985
BCVVC	F8-5	HOOVER CHEMICALS & PLASTICS CORP.	9150-00-035-5985
BCVVS	139 5110, FIXER WASH SYSTEM CLEANER	EASTMAN KODAK CO.	6750-00-037-9699
BCWNZ	FEL-PRO C5-A	FEL-PRO, INC	8030-00-059-2761
BCWRT	FREON 22	E. I. DUPONT DE NEMOURS & CO., INC.	6830-00-060-9972
BCWSD	ECCOBOND SOLDER 56C	EMERSON & CUMING INC./DEWEY & ALMY CHEM DIV/W.R. GR	8040-00-061-8303
BCWSR	0151 EPOXY PATCH KIT. PART A	HYSOL AEROSPACE & INDUS PROD (DEXTER CORP)	8040-00-061-8303
BCWSS	EPOXY PATCH KIT 0151, PART B	HYSOL AEROSPACE & INDUS PROD (DEXTER CORP)	8040-00-061-8303
BCWTG	STEELGUARD MS-31	HARRY MILLER CORP	8030-00-062-5866
BCWTH	TECTYL 846	ASHLAND OIL INC	8030-00-062-5866
BCWTJ	TECTYL 846	ASHLAND OIL	8030-00-062-5866
BCWTK	TECTYL 846	ASHLAND OIL INC	8030-00-062-5866
BCWTL	PETROTECT AMBER, CODE 4040	PENRECO DIVISION, PENNZOTL	8030-00-062-5866
BCWTD	CORTEC VCI-368	THE CORTEC CORPORATION	8030-00-062-6950
BCWTR	PETROTECT IX, MIL-C-16173, GRADE 1	PENRECO DIVISION, PENNZOTL	8030-00-062-6950
BCWTS	NICKRODE 731	LION OIL CO	8030-00-062-6950

Note: (C) next to a Trade Name indicates that this is a Common Name not a Trade Name.

MSDS	TRADE NAME	MANUFACTURER	PAGE	NSN
BCWTT	ETHYL ACETATE	BURDICK & JACKSON LAB, INC. (SEE SUP DATA)		6810-00-062-6954
BCWTV	ETHYL ACETATE, 85%	CSD, INC		6810-00-062-695
BCWTW	ETHYL ACETATE AR	MALLINCKRODT INC., SCIENCE PRODUCTS DIVISION		6810-00-062-695
BCWTX	CON-TRATE REAGENT B (ETHYL ACETATE)	TREND, SCIENTIFIC, INC.		6810-00-0 54
BCWTY	EASTMAN ETHYL ACETATE, 85%	EASTMAN CHEMICAL PRODUCTS, INC.		6810-00-062-695
BCWTZ	ETHYL ACETATE, PM 3640-DENATURED; 85-88%	UNION CARBIDE CORP		6810-00-062-695
BCWVB	ETHYL ACETATE, ETHYL ETHANOATE	VAN WATER & ROGERS		6810-00-062-6954
BCWVH	D-70 DEVELOPER (NSN CANCELLED)	MET-L-CHEK COMPANY		6850-00-062-8304
BCWVM	DRY LAUNDRY BLEACH	CONTINENTAL CHEMICAL CORP.		6850-00-063-284
3CWVN	O-B-420C BLEACH LAUNDRY	PAULCO PRODUCTS		6850-00-063-284
BCWVP	O-B-420B, BLEACH LAUNDRY	OCTAGON PROCESS INC.		6850-00-063-2842
BCWVQ	OB 420C	STANSON DETERGENTS, INC.		6850-00-063-284
BCWVR	O-B-420C BLEACH LAUNDRY	PAULCO PRODUCTS		6850-00-063-284
BCWVS	BLEACH, LAUNDRY, ORGANIC CHLORINE	INDUSTRIAL PACKAGING CO., INC.		6850-00-063-2843
BCWVT	O-B-429B, BLEACH LAUNDRY	OCTAGON PROCESS INC.		6850-00-063-284
BCWVW	TURCOAT LIQUID ACCELAGOLD	TURCO PRODUCTS INC. SUBSIDIARY OF PENNWALT INC.		8030-00-065-095
BCWVX	ALODINE 1201	AMCHEM PRODUCTS, INC.		8030-00-065-0957
BCXDP	DETERGENT, GEN PURPOSE (SPRAY-ON, WIPE-OFF)	STANSON DETERGENTS, INC.		7930-00-068-1669
BCXDW	DGSC-PD-165-13873	AIRCO INDUSTRIAL GASES, DIV AIRCO, INC.		6830-00-077-124
BCXRR	GENETRON 11	ALLIED CORPORATION CHEMICAL SECTOR		6830-00-079-469
BCXRS	UCON PROPELLANT 11	UNION CARBIDE CORPORATION		6830-00-079-4694
BCXRT	FREON 11; (REFRIGERANT 11)	E. I. DUPONT DE NEMOURS & CO., INC.		6830-00-079-469
BCXVX	TB1363E (EV)			8030-00-081-228
BCXVY	GRADE H, BROWN	THREE BOND OF AMERICA INC		8030-00-081-2325
BCXWF	NUT LOCK/GRADE CV, 83	LOCTITE CORP.		8030-00-081-2331
BCXWG	GRADE C - 12351, 12353	LOCTITE CORP.		8030-00-081-233
BCXWH	TB 1361D (C)			8030-00-081-2335
BCXWN	TB 1361 (A), RED, GRADE A	THREE BOND OF AMERICA INC		8030-00-081-2338
BCXWP	LOCTITE GRADE A ANAEROBIC ADHESIVE, PART# 88	LOCTITE CORP.		8030-00-081-233
BCXWQ	GRADE A, RED	THREE BOND OF AMERICA INC		8030-00-081-233
BCXWS	TB 1361B (AA)			8030-00-081-2341
BCXWZ	RTV-60, SILICONE RUBBER	GENERAL ELECTRIC CO., SILICONE PRODUCTS DIVISION		6850-00-081-665
BCXXQ	VIBRA-CLEAN	HANLON CHEM. CO., INC.		8520-00-082-214
BCXXR	WATERLESS HAND CLEANER PASTE	MAKOR PRODUCTS CO.		8520-00-082-2146
BCXYG	PT-426/PT-428	PRODUCTS/TECHNIQUES, INC.		8010-00-082-2439
BCXYH	EPOXY COATING, WHITE 17925 COMP I M1-036	CRAWFORD LABORATORIES, INC.		8010-00-082-243
BCXYJ	POLYAMID, COMP II UO-082	CRAWFORD LABORATORIES, INC.		8010-00-082-243
BCXYK	MIL-C-22750, HARDENER, PART B (1-1H-54)	ADVANCED COATINGS AND CHEMICALS		8010-00-082-2439
BCXYL	MIL-C-22750 EPOXY WHITE PART A	THREE BOND OF AMERICA INC		8010-00-082-243
BCXYS	724-102, 724-112	AMERON INDUSTRIAL COATINGS DIVISION		8010-00-082-243
BCXYT	PRIMER COATING	CORONADO PAINT CO. 308 OLD COUNTY RD., EDGEWATER, FL		8010-00-082-2450
BCXYV	O2GN45 PRIMER, PART-A: EPOXY	DEFT INC CHEMICAL COATING DIV.		8010-00-082-2450
BCXYW	O2Y24 EPOXY PRIMER COATING, COMPONENT B	DEFT INC CHEMICAL COATING DIV.		8010-00-082-245
BCXYX	EPOXY PRIMER CAT. MIL-P-23377D	STERLING LACQUER MFG. CO., INC.		8010-00-082-2459
BCXYX	960Y001 (COMPONENT A)	ENTERPRISE CHEMICAL COATINGS, CO.		8010-00-082-2450
BCXYZ	EPOXY CATALYST, (COMPONENT B)	ENTERPRISE CHEMICAL COATINGS, CO.		8010-00-082-245
BCXZB	724222 PRIMER COATING	PRATT & LAMBERT		8010-00-082-245
BCXZC	PRIMER COATING EPOXY POLYAMIDE	PRATT & LAMBERT		8010-00-082-2450
BCXZD	PRIMER COATING 724222	PRATT & LAMBERT		8010-00-082-245
BCXZF	POLYAMIDE RESIN 724112	PRATT & LAMBERT		8010-00-082-245
BCXZG	P-527 MIL-P-23377, EPOXY PRIMER, COMP I	KOPPERS COMPANY, INC.		8010-00-082-2450
BCXZH	P-527, MIL-P-23377, EPOXY PRIMER, COMP II	KOPPERS COMPANY, INC.		8010-00-082-2450
BCXZJ	CROWN METRO	THREE BOND OF AMERICA INC		8010-00-082-245
BCXZK	513 X 366 PRIMER; MIL-P-23377D, TYPE	DESOTO, INC.		8010-00-082-2459
BCYCJ	F50; LUBRICATING OIL	GENERAL ELECTRIC CO., SILICONE PRODUCTS DIVISION		9150-00-082-7636
BCYCM	ROYCO 756E	ROYAL LUBRICANTS COMPANY, INC.		9150-00-082-7636

Note: (C) next to a Trade Name indicates that this is a Common Name not a Trade Name.

MSDS	TRADE NAME	MANUFACTURER	NSN
	BCYCN ROYCO 756A;ROYCO 756E	ROYAL LUBRICANTS COMPANY,INC.	9150-00-082-7524
	BCYCP BRAYCOTE MICRONIC 756 E	BURMAH-CASTROL INC-BRAY PRODUCTS DIV.	9150-00-082-7524
	BCYCB MIL-H-5606;HYDRAULIC FLUID	AMERICAN OIL SUPPLY COMPANY	9150-00-082-7524
	BCYJQ ANTISEIZE COMPOUND	MAKOR PRODUCTS CO.	8030-00-087-8630
	BCYSH GRAIN ALCOHOL	MIDWEST GRAIN PRODUCTS	6505-00-104-9000
	BCYSJ ETHYL ALCOHOL	STANSON DETERGENTS, INC.	6505-00-104-9000
	BCYSK ETHYL ALCOHOL,U.S.P.	PUBLICKER INDUSTRIES,INC	6505-00-104-9000
	BCYSL ETHYL ALCOHOL	TODHUNTER INTERNATIONAL INC. DBA/FLORIDA DISTILLER	6505-00-104-9000
	BCYSR GRAIN NEUTRAL SPIRITS	MIDWEST SOLVENTS COMPANY OF ILLINOIS	6505-00-105-0000
	BCYTH CO CONTACT CLEANER (AEROSOL) NO. 2016	CRC CHEMICALS	6850-00-105-3084
	BCYTJ REFRIGERANT 113	AIROSOL CO, INC	6850-00-105-3084
	BCYTK CLEANING COMPOUND SOLVENT	AIROSOL CO, INC	6850-00-105-3084
	BCYTL MS-180 FREON TF SOLVENT	MILLER-STEPHENSON CHEMICAL CO.,INC.	6850-00-105-3084
	BCYTM MS-180/CO2 FREON TF SOLVENT	MILLER-STEPHENSON CHEMICAL CO.,INC.	6850-00-105-3084
	BCYTN FREON TF	E.I. DUPONT (PPG INDUST,UNION CARBIDE DOW CHEM)	6850-00-105-3084
	BCYTP FREON TF-CLEANING COMPOUND	CHEMTRONICS,INC.	6850-00-105-3084
	BCYTQ FREON TF	CHEMSCOPE CORP.	6850-00-105-3084
	BCYTR MIL-C-81302,CLNG.CMPD,SOLVENT,TY-113	TECH SPRAY,INC.	6850-00-105-3084
	BCYTS FD ZERO RESIDUE CLEANER 1638-16,-546	TECH SPRAY,INC.	6850-00-105-3084
	BCYTT MIL-C-81302C ;CLEANING CMPD SOLVENT;TYIIIA	BULK CHEMICALS DISTRIBUTORS, INCORPORATED	6850-00-105-3084
	BCYTV 10-620 TF SOLVENT	GC ELECTRONICS	6850-00-105-3084
	BCYTW MIL-C-81302	ALLIED CHEMICAL CORPORATION	6850-00-105-3084
	BCYVV GENETRON 12;DICHLORODIFLUOROMETHANE	ALLIED CORPORATION CHEMICAL SECTOR	6830-00-106-1656
	BCYVW FREON 12	E.I. DUPONT (PPG INDUST,UNION CARBIDE DOW CHEM)	6830-00-106-1656
	BCYVX FREON 12	SPARTAN MFG.CO.	6830-00-106-1656
	BCYVY UCON REFRIGERANT 12	UNION CARBIDE CORPORATION	6830-00-106-1656
	BCYVZ MONOCHLORODIFLUOROMETHANE	RACON INC	6830-00-106-1659
	BCYWB FREON T-P 35	TEXWIPE COMPANY	6830-00-106-1659
	BCYWC UCON REFRIGERANT 22	UNION CARBIDE CORPORATION	6830-00-106-1659
	BCYWD FREON 22 WITH DYTEL LEAK DETECTIVE	E. I. DUPONT DE NEMOURS & CO., INC.	6830-00-106-1659
	BCYYM DRY CLEANING SOLVENT	KERR-MCGEE CHEMICAL CO	6850-00-110-4498
	BCYYN DRY CLEANING SOLVENT	CSD,INC.	6850-00-110-4498
	BCYYP P-D-680,TY II	MAGNAFLUX SURFACE CONDITIONERS INC.	6850-00-110-4498
	BCYYQ CHARTERSOL 356	CHARTER CHEMICALS/CHARTER INTERNATIONAL OIL CO.	6850-00-110-4498
	BCYYR P-D-680 TYPE II	BOUGHT ACCORDING TO SPEC	6850-00-110-4498
	BCYYS SHELL SOL 140	SHELL CHEMICAL CO A DIV OF SHELL OIL CO.	6850-00-110-4498
	BCYYT AMSCO SOLV 1106 * 140 SOLVENT 66/3 * 11106	AMSCO DIV, UNION OIL CO OF CALIFORNIA	6850-00-110-4498
	BCYZ6 169 1757,SEPIA TONER,PART A	EASTMAN KODAK CO.	6750-00-110-8067
	BCYZH 169 1757,SEPIA TONER,PART B	EASTMAN KODAK CO.	6750-00-110-8067
	BCYZX MIL-L-21260C,LUBE OIL,INTRNL COMBUSTION ENG	BATTENFELD-AMERICAN,INC	9150-00-111-0209
	BCYZY MOTOR OIL SAE 30W NON-DETERGENT	ASHLAND CHEMICAL CO	9150-00-111-0209
	BCYZZ MIL-L-21260C,GRADE30.	DAVIS-HOWLAND OIL CORP	9150-00-111-0209
	BCZBB LUBRICATING OIL,ENGINE (MIL-L-21260)	BATTENFELD	9150-00-111-0209
	BCZBC MIL-L-21260 30GRADE	BATTENFELD-AMERICAN INC	9150-00-111-0209
	BCZBD MIL-L-21260C,GRADE 30,LUBRICATING OIL,PETRL	DELTA PETROLEUM CO.INC	9150-00-111-0209
	BCZBX GOLD MEDAL BREAK-IN OIL	LUBRICATING SPECIALTIES COMPANY	9150-00-111-3199
	BCZBY MIL-L-21260C;MOTOR OIL;CODE:60476	BATTENFELD-AMERICAN INC	9150-00-111-3199
	BCZBZ MIL-L-21260C,GRADE 10,LUBRICATING OIL	DELTA PETROLEUM CO.INC	9150-00-111-3199
	BCZCB TECTYL 873-SAE 10	ASHLAND OIL INC	9150-00-111-3199
	BCZMX COPPER (II)SULFATE PENTAHYDRATE;BLUE VITRIOL	MALLINCKRODT INC.,SCIENCE PRODUCTS DIVISION	6810-00-116-1529
	BCZQT MARINECARE B.I.A. 2 CYCLE OIL	GUARDSMAN PROD./DRI-SLIDE DIV.	9150-00-117-8799
	BCZQV 01592 OUTBOARD/2-CYCLE ENGINE OIL, 50-1	TEXACO INC	9150-00-117-8799
	BCZQW 01592 OUTEGARD & 2-CYCLE ENGINE OIL,50-1	TEXACO INC	9150-00-117-8799
	BCZQX TWO-CYCLE OIL	RALPH SHADER,INC.	9150-00-117-8799
	BDBDC FOUGERA WHITE PETROLATUM LUBE	BYK-SULDEN INC.	6505-00-133-802
	BDBDD PETROLEUM WHITE USP	ATLANTIC CHEMICAL CO.	6505-00-133-802

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MSDS	TRADE NAME	MANUFACTURER	NSN
BDBGJ	POTASSIUM CHLORIDE	EASTMAN KODAK CO.	6810-00-136-1004
BDBHD	PR-1120 ORANGE	PRODUCT RESEARCH & CHEMICAL CORPORATION	8030-00-137-61
BDBLM	KUTWELL 40	CHEMICAL COMMODITIES AGENCY	6850-00-139-53
BDBLN	MIL-I-24453, INHIBITOR, CORROSN, SOLUBLE-OIL	OCTAGON PROCESS INC.	6850-00-319
BDBLX	MORPHOLINE, TECHNICAL	BOUGHT BY ITEM DESCRIPTION	6810-00-140-08
BDBMN	CITRIC ACID	MALLINCKRODT INC., SCIENCE PRODUCTS DIVISION	6810-00-141-29
BDBMP	ANHYDROUS CITRIC ACID, U.S.P., F.C.C.	OCTAGON PROCESS INC.	6810-00-141-2942
BDBMQ	CITRIC ACID, ANHYDROUS USP/FCC	-PFIZER INC	6810-00-141-2947
BDBMR	CITRIC ACID, ANHYDROUS, F.C.C., U.S.P., SEE SUP D	MILES LABORATORIES, INC.	6810-00-141-29
BDBMS	DIS-L001 CITRIC ACID	DOW CHEMICAL U.S.A.(MFR)PHIPPS PRODUCTS (DISTRIBU)	6810-00-141-2992
BDBPD	MOLYLUBE 503 GREASE	BEL-RAY CO INC.	9150-00-141-4481
BDBPF	PLASTILUBE MOLY 3	THIEM CORP; SUB OF KOPPER CO INC.	9150-00-141-44
BDBPG	PLASTILUBE MOLY 3	PARR INC	9150-00-141-44
BDBPH	SAT-T-POL II	MASURY-COLUMBIA COMPANY	7930-00-141-5888
BDBPJ	8131 FORMULA	CENTER FOR THE BLIND	7930-00-141-58
BDBPK	SCUFF BAR WAX (MFR CODE 1316) P-W-155	BARRIER INDUSTRIES	7930-00-141-5E
BDBPL	TRISODIUM PHOSPHATE POWDER FORM, TECH.	FMC CORP. (MFR); CHEM.COMMODITY (DISTR).	6810-00-141-6078
BDBPM	ISP, TRISODIUM	LIBERTY CHEM, INC, DIST - FMC CORP, MFR	6810-00-141-6080
BDBPN	SODIUM PHOSPHATE, TRIBASIC	OCTAGON PROCESS INC.	6810-00-141-6C
BDBPP	TRISODIUM PHOSPHATE ANHYDROUS	MICHEL & PELTON COMPANY	6810-00-141-6C
BDBPS	GLACIAL ACETIC ACID	ALLIED CORPORATION CHEMICAL SECTOR	6750-00-141-6558
BDBPT	ACETIC ACID, ETHANOIC ACID, METHANE CARBOXYLI	CHEMICAL COMMODITIES AGENCY	6750-00-141-65
BDBPV	ACETIC ACID	CHEMICAL COMMODITIES (DIST), UNION CARBIDE (MFR).	6750-00-141-65
BDBPW	GLACIAL ACETIC ACID, FED SPEC O-A-76	THREE BOND OF AMERICA INC	6750-00-141-6558
BDBPX	VINEGAR ACID	OCTAGON PROCESS INC.	6750-00-141-65
BDBQC	ROYCO 13D	ROYAL LUBRICANTS COMPANY, INC.	9150-00-141-67
BDBQD	SUPERMIL ASU GREASE NO 31052	AMOCO OIL COMPANY	9150-00-141-67
BDBQK	GS-7128-6.LT GULL GREY, 36440, WALKWAY TYPE 2	AKRON PAINT & VARNISH CO	5610-00-141-7842
BDBQL	WALKWAY COMPOUND, GRAY 36440	EVERSEAL MFG/RIDGEFIELD, NJ 07657	5610-00-141-78
BDBRD	FLUORO FINDER FC-44 CLEANER	AMERICAN GAS & CHEM CO. LTD	6850-00-142-8840
BDBRF	TRACER TECH K410C	URESCO ARDROX	6850-00-142-8840
BDBRG	CHLOROTHENE	TESTING SYSTEMS, INC	6850-00-142-88
BDBRH	SKC-NF/ZC-7 CLEANER/REMOVER (PER 6/88)	MAGNAFLUX CORP.	6850-00-142-88
BDBRJ	SKC-NF/ZC-7B CLEANER/REMOVR (SEE SUPPL DATA)	MAGNAFLUX CORP.	6850-00-142-8840
BDBRK	TURCO DY-CHEK REMOVER #3 PSV	TURCO PRODUCTS INC. SUBSIDIARY OF PENNWALT INC.	6850-00-142-8840
BDBRL	PETROLEUM DISTILLATES	SHANNON LUBRIOUS MATERIALS CO	6850-00-142-88
BDBRM	R-501 REMOVER	NET-L-CHEK COMPANY	6850-00-142-96
BDBSF	SUPERBONDER 495 INSTANT ADHESIVE	LOCTITE CORP.	8040-00-142-9193
BDBSG	DAP WELDWOOD CONTACT CEMENT	BEECHAM HOME IMPROVEMENT PRODUCTS INC	8040-00-142-91
BDBSH	TB1743		8040-00-142-91
BDBSJ	GENETRON 12 & GENESOLV D SOLVENT	ALLIED CORPORATION CHEMICAL SECTOR	6850-00-142-9247
BDBSK	SUPER ELECTRO SPRAY	CHEMSCOPE CORP.	6850-00-142-9277
BDBSL	FREON 12 & FREON 113	TECH SPRAY, INC.	6850-00-142-91
BDBSP	TURCOAT LIQUID ACCELAGOLD	TURCO PRODUCTS INC. SUBSIDIARY OF PENNWALT INC.	8030-00-142-9272
BDBSQ	TURCO 5469	TURCO PRODUCTS, INC.	8010-00-142-9273
BDBSR	PAINT STRIPPER #7	THREE BOND OF AMERICA INC	8010-00-142-91
BDBSS	PIGMENTED COMPONENT (SEE SUPP DATA)	KOPPERS CO. INC, 646 OWENBY DR. MARIETTA GA. 30060	8010-00-142-91
BDBST	CONVERTER (SEE SUPP. DATA)	KOPPERS CO. INC, 646 OWENBY DR. MARIETTA GA. 30060	8010-00-142-9275
BDBSV	724-102, 724-112	AMERON INDUSTRIAL COATINGS DIVISION	8010-00-142-9275
BDBSW	PRIMER COATING	CORONADO PAINT CO. 308 OLD COUNTY RD., EDGEWATER, FL	8010-00-142-91
BDBSX	02-Y-24 BASE, YELLOW, EPOXY POLYAMIDE PRIMER	DEFT INC CHEMICAL COATING DIV.	8010-00-142-9275
BDBSY	02-Y-24 CTLST, YELLOW, EPOXY POLYAMIDE PRIMER	DEFT INC CHEMICAL COATING DIV.	8010-00-142-9275
BDBSZ	02-Y-24 CTLST, YELLOW, EPOXY POLYAMIDE PRIMER	DEFT INC CHEMICAL COATING DIV.	8010-00-142-91
BDBTB	990T003	ENTERPRISE CHEMICAL COATINGS, CO.	8010-00-142-91
BDBTC	724222-COMP A	PRATT & LAMBERT	8010-00-142-9275
BDBTD	724112-COMP B	PRATT & LAMBERT	8010-00-142-91

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MSDS	TRADE NAME	MANUFACTURER	NSN
	BDBTF PRIMER COATING 724222	PRATT & LAMBERT	8010-00-142-9279
	BDBTG POLYAMIDE RESIN 724112	PRATT & LAMBERT	8010-00-142-9279
	ROBTH 513 X 366 PRIMER; MIL-P-23377D TYPE I	DESOTO, INC.	8010-00-142-9279
	BTJ 463-7-26, MIL-P-23377D, TY 1, PT A (SEE X-369)	BOSTIK WEST, DIV OF USM CORP, AN EMHART UNIT	8010-00-142-9279
	BDBTK X-369, PT B (SEE 463-7-26, MIL-P-23377D, TY 1)	BOSTIK WEST, DIV OF USM CORP, AN EMHART UNIT	8010-00-142-9279
	BDBTL BRAYCOTE 103	BURMAH-CASTROL INC-BRAY PRODUCTS DIV.	8030-00-142-9281
	BDBTM MIL-C-16173D AEROSOL COATING COMPOUND	PACIFIC AEROSOL, INC.	8030-00-142-9281
	BDBTN MIL-C-16173D, GR 4, RUST PREVENTATIVE	BULK CHEMICALS DISTRIBUTORS, INCORPORATED	8030-00-142-9281
	BDBTP METHYL PURPLE INDICATOR SOLUTION; SO-I-9	FISHER SCIENTIFIC CO	6810-00-142-9290
	BDBTQ METHYL RED/ACID BLUE 5 POWDER	HF SCIENTIFIC, INC	6810-00-142-9290
	BDBTR METHYL PURPLE INDICATOR	CHEMICAL COMMODITIES AGENCY	6810-00-142-9290
	BDBTS METHYL PURPLE INDICATOR	HELLIGE, INC	6810-00-142-9290
	BDBXH RTV109 ADHESIVE SEALANT	GENERAL ELECTRIC CO., SILICONE PRODUCTS DIVISION	8040-00-142-9823
	BDBXJ PSI-601 SILICONE SEALANT	THREE BOND OF AMERICA INC	8040-00-142-9823
	BDBYR HYPO-CHEK	EDWAL SCIENTIFIC PRODUCTS CORP.	6750-00-144-6928
	BDCBJ FREDN 502	E.I. DUPONT (PPG INDUST, UNION CARBIDE DOW CHEM)	6830-00-144-9952
	BDCBK UCON(R) 502	UNION CARBIDE CORP	6830-00-144-9952
	BDCBL BB-F-1421 TYPE 502	BOUGHT ACCORDING TO SPEC	6830-00-144-9952
	BDCBT TV189	GENERAL ELECTRIC CO., SILICONE PRODUCTS DIVISION	8040-00-145-0020
	BDCBV 3145 RTV ADHESIVE SEALANT-GRAY	DOW CORNING	8040-00-145-0020
	BDCCS GACO N-700-A BLACK	GATES ENGINEERING CO., INC	8030-00-145-0111
	BDC CZ X-333 GREASE	INLAND PACKAGING INC.	9150-00-145-0161
	BDCDB MOLYKOTE 33 GREASE-ALL GRADES	DOW CORNING	9150-00-145-0161
	BDCGC ROYCO 22	ROYAL LUBRICANTS COMPANY, INC.	9150-00-145-0268
	BDCGD ROYCO 22D	ROYAL LUBRICANTS COMPANY, INC.	9150-00-145-0268
	BDCGF MOBILGREASE 28	MOBIL OIL CORPORATION	9150-00-145-0268
	BDCGG AEROSHELL GREASE 22	SHELL OIL COMPANY	9150-00-145-0268
	BDCGH MIL-P-24380, CHLORINATED RUBBER PAINT, BLACK	KALCOR COATINGS	8010-00-145-0332
	BDCGR C8-002, DOD-P-24380, ANCHOR CHAIN PAINT	CRAWFORD LABORATORIES, INC.	8010-00-145-0332
	BDCGS MIL-P-24380, CHLORINATED RUBBER PAINT, BLACK	KALCOR COATINGS	8010-00-145-0341
	BDCGT C8-002, DOD-P-24380, ANCHOR CHAIN PAINT	CRAWFORD LABORATORIES, INC.	8010-00-145-0341
	BDCHJ SILVER NITRATE	CITY CHEMICAL CORP	6810-00-145-0478
	BDCKC SULFURIC ACID (99%)	ALLIED CORPORATION CHEMICAL SECTOR	6810-00-146-7520
	BDCKD SULFURIC ACID, REAGENT	E.I. DUPONT (PPG INDUST, UNION CARBIDE DOW CHEM)	6810-00-146-7520
	BDCKF A-300, SULFURIC ACID	FISHER SCIENTIFIC COMPANY	6810-00-146-7520
	BDCKG 979-09 SULFURIC ACID, ACS	HACH CO.	6810-00-146-7520
	BDCKH SULFURIC ACID REAG ACS	ASHLAND CHEMICAL CO	6810-00-146-7520
	BDCKJ SULFURIC ACID	POLY RESEARCH CORP	6810-00-146-7520
	BDCKK SULFURIC ACID 96%	MALLINCKRODT INC., SCIENCE PRODUCTS DIVISION	6810-00-146-7520
	BDCKL SULFURIC ACID	MONSANTO COMPANY	6810-00-146-7520
	BDCKM SULFURIC ACID	OCTAGON PROCESS INC.	6810-00-146-7520
	BDCKN SULFURIC ACID	NORTH STRONG INC	6810-00-146-7520
	BDCKQ BB-S-1419, SULFUR HEXAFLUORIDE, TECH GR	MATHESON GAS PRODUCTS	6830-00-146-8000
	BDCLT NITRIC ACID, REAGENT	BOUGHT BY ITEM DESCRIPTION	6810-00-148-7155
	BDCLV NITRIC ACID, REAGENT GRADE	E.I. DUPONT (PPG INDUST, UNION CARBIDE DOW CHEM)	6810-00-148-7155
	BDCLW NITRIC ACID	CITY CHEMICAL CORP	6810-00-148-7155
	BDCML SKC-S SPOTCHECK CLEANER/REMOVER/SEE SUP DTA	MAGNAFLUX CORP.	6850-00-148-7295
	BDCNF POTASSIUM HYDROXIDE	ANACHEMIA CHEMICALS INC	6810-00-149-0292
	BDCNG GREASE 6362	BEL-RAY CO INC.	8030-00-149-0335
	BDCNN ROYCO 28 (LUBRICATING GREASE)	ROYAL LUBRICANTS COMPANY, INC.	9150-00-149-1592
	BDCNP ROYCO 28	ROYAL LUBRICANTS COMPANY, INC.	9150-00-149-1593
	BDCNQ MOBILGREASE 28	MOBIL OIL CORPORATION	9150-00-149-1593
	BDCPJ ROYCO 782; ROYCO 782-2	ROYAL LUBRICANTS COMPANY, INC.	9150-00-149-7432
	BDCPK BRAYCO MICRONIC 882	BURMAH-CASTROL INC-BRAY PRODUCTS DIV.	9150-00-149-7432
	BDCPL A3000, MIL-H-83282C HYD FLUID	LUBRICATING SPECIALTIES COMPANY	9150-00-149-7432
	BDCPM HATCOL 4283, 4284, 4285	HATCO CHEMICAL CORPORATION	9150-00-149-7432

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MSDS	TRADE NAME	MANUFACTURER	NSN	PAGE	6
BDCPN	MIL-H-83282,2863 HYDRAULIC FLUID	EMERY CHEMICALS	9150-00-149-7432		
BDCPP	GULF SYNFLUID TS-741	GULF OIL CO - US	9150-00-149-741		
BDCPQ	PETROFLUID 822	PENRECO DIVISION, PENNZOTL	9150-00-149-741		
BDCPR	MIL-H-832B HYDRAULIC FLUID (CODE 25600)	AMERICAN OIL SUPPLY COMPANY	9150-00-149-742		
BDCRR	MIL-C-1210,CYLINDERS,COMPRESSED GAS	THREE BOND OF AMERICA INC	8120-00-149-740		
BDCXM	146 4817,DEVELOPER D-76 (PRE 10/85)	EASTMAN KODAK CO.	6750-00-153-891		
BDCXN	146 4817 DEVELOPER D-76 (POST 10/85)	EASTMAN KODAK CO.	6750-00-153-891		
BDCXP	146 4726,DEKTOLO DEVELOPER,SINGLE POWDER	EASTMAN KODAK CO.	6750-00-153-8915		
BDDCJ	PROTACHEM SMO	PROTAMEEN CHEMICALS,INC.	6810-00-159-491		
BDDCK	GLYCOMUL O	GLYCO CHEMICALS, INC	6810-00-159-491		
BDDCL	EMSORB 2500 SMO	EMERY CHEMICALS	6810-00-159-4991		
BDDCM	SORBITAN MONOOLEATE	OCTAGON PROCESS INC.	6810-00-159-4991		
BDDCQ	2-ETHYLBUTANOL	PHIPPS PRODUCTS CORP (DIST),AMERICAN HOECHST (MFR)	6810-00-159-501		
BDDCR	2-ETHYL BUTANOL	OCTAGON PROCESS INC.	6810-00-159-501		
BDDFR	266C,COMPOUND THINNING LIQUID.	SEAPORT CHEMICALS INC (FORMERLY:THREE M SUPPLY CO)	8010-00-160-5787		
BDDFS	266C	THREE M SUPPLY COMPANY	8010-00-160-5787		
BDDFT	NONE	STANSON DETERGENTS, INC.	8010-00-160-5787		
BDDFV	A-A-857B	CSD,INC	8010-00-160-5787		
BDDFW	AA-857A	STIC-ADHESIVE PRODUCTS CO, INC.	8010-00-160-5787		
BDDFX	266D THINNER	HOUSTON SOLVENTS & CHEMICALS	8010-00-160-5787		
BDDFY	TT-T-266 THINNER,907 S 2100	SCM,GLIDDEN DURKEE DIVISION	8010-00-160-5787		
BDDFZ	TT-T-266D,THINNER,DOPE & LACQUER	GEO.SENN,DIV.GLOBE SOLVENTS(PHIPPS PRODUCTS CORP)	8010-00-160-5787		
BDDGB	TT-T-266D,THINNER,DOPE AND LACQUER	GEORGE SENN COMPANY,DIV. OF GLOBE SOLVENTS	8010-00-160-5787		
BDDGC	266C,COMPOUND THINNING LIQUID.	SEAPORT CHEMICALS INC (FORMERLY:THREE M SUPPLY CO)	8010-00-160-5787		
BDDGD	TT-T-266D THINNER	STANSON DETERGENTS, INC.	8010-00-160-5787		
BDDGF	A-A-857B	CSD,INC	8010-00-160-5787		
BDDGG	AA-857A	STIC-ADHESIVE PRODUCTS CO, INC.	8010-00-160-5787		
BDDGH	NONE	HOUSTON SOLVENTS & CHEMICALS	8010-00-160-5787		
BDDGJ	TT-T-266 THINNER,907 S 2100	SCM,GLIDDEN DURKEE DIVISION	8010-00-160-5787		
BDDGK	TT-T-266 D	ASHLAND OIL INC	8010-00-160-5787		
BDDGL	TT-T-266D,THINNER,DOPE & LACQUER	GEO.SENN,DIV.GLOBE SOLVENTS(PHIPPS PRODUCTS CORP)	8010-00-160-5787		
BDDGM	TT-T-266D,THINNER,DOPE AND LACQUER	GEORGE SENN COMPANY,DIV. OF GLOBE SOLVENTS	8010-00-160-5787		
BDDGN	266D, COMPOUND PAINT THINNER LIQUID	W.M.BARR&CO.	8010-00-160-5787		
BDDGP	266C,COMPOUND THINNING LIQUID.	SEAPORT CHEMICALS INC (FORMERLY:THREE M SUPPLY CO)	8010-00-160-5787		
BDDGQ	TT-T-2661 THINNER	STANSON DETERGENTS, INC.	8010-00-160-5787		
BDDGR	A-A-857B	CSD,INC	8010-00-160-5787		
BDDGS	AA-857A	STIC-ADHESIVE PRODUCTS CO, INC.	8010-00-160-5787		
BDDGT	CSD THINNER #1	HOUSTON SOLVENTS & CHEMICALS	8010-00-160-5787		
BDDGV	TT-T-266 THINNER,907 S 2100	SCM,GLIDDEN DURKEE DIVISION	8010-00-160-5787		
BDDGW	TT-T-266D,THINNER,DOPE & LACQUER	GEO.SENN,DIV.GLOBE SOLVENTS(PHIPPS PRODUCTS CORP)	8010-00-160-5787		
BDDGX	TT-T-266D,THINNER,DOPE AND LACQUER	GEORGE SENN COMPANY,DIV. OF GLOBE SOLVENTS	8010-00-160-5787		
BDDHB	TT-T-306C THINNER	STIC-ADHESIVE PRODUCTS CO, INC.	8010-00-160-5794		
BDDHC	ESPESOL 5300-66	CHARTER CHEMICALS/CHARTER INTERNATION OIL CO.	8010-00-160-5794		
BDDHD	T306C#1	HOUSTON SOLVENTS & CHEMICALS	8010-00-160-5794		
BDDHF	TT-T-306,TYPE II,THINNER,(BEFORE 6/82)	GEO.SENN,DIV.GLOBE SOLVENTS(PHIPPS PRODUCTS CORP)	8010-00-160-5794		
BDDHG	SYNTHETIC RSIN THINNER(TT-T-306)(AFTER 6/82)	GEO.SENN,DIV.GLOBE SOLVENTS(PHIPPS PRODUCTS CORP)	8010-00-160-5794		
BDDHZ	TT-V-51	TRIAD PAINT & CHEMICAL CORP	8010-00-160-581		
BDDJB	ASPHALT VARNISH (TT-V-51F)	STANSON DETERGENTS, INC.	8010-00-160-581		
BDDJF	DAP BUTYL GUTTER & LAP SEALER,TT-C-001796	DAP INC	8030-00-160-6899		
BDDKM	STAMP PAD INK BLACK	GARVEY LABELMATIC	7510-00-161-421		
BDDKN	STAMP-PAD INK	AMERICAN WRITING INK CO., INC.	7510-00-161-421		
BDDKP	STAMP-PAD INK	AMERICAN WRITING INK CO., INC.	7510-00-161-4240		
BDDLH	9522 ALKANEX	GENERAL ELECTRIC CO., SILICONE PRODUCTS DIVISION	5970-00-161-721		
BDDLJ	9637 ALKANEX	GENERAL ELECTRIC CO., SILICONE PRODUCTS DIVISION	5970-00-161-721		
BDDLK	9522 ALKANEX	GENERAL ELECTRIC CO., SILICONE PRODUCTS DIVISION	5970-00-161-7232		
BDLLL	9637 ALKANEX	GENERAL ELECTRIC CO., SILICONE PRODUCTS DIVISION	5970-00-161-7232		

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MSDS	TRADE NAME	MANUFACTURER	NSN
	BDDL 80-372 (U-372) INSULATING VARNISH	REICHHOLD CHEMICAL, INC.	5970-00-161-7232
	BDDL 6-3726 THERMELEC INSULATING VARNISH	RANBAR TECHNOLOGY INC. D/B/A BALL CHEMICAL COMPANY	5970-00-161-7232
	DOLP HI THERM BC	JOHN C DOLPH INC	5970-00-161-7232
	BDDLB 80-463(U-463)MIL-I-24092 VARNISH	STERLING DIV;REICHHOLD CHEMICALS, INC.	5970-00-161-7232
	BDDL 80-835(U-835)MIL-I-24092 VARNISH	STERLING DIV;REICHHOLD CHEMICALS, INC.	5970-00-161-7232
	BDDMM CORROL 4	CARROLL LTD, INC.	8010-00-161-7278
	BDDMN ORANGE SHIELD	CARROLL LTD INC 2656 SALMON ST PHILA., PA 19125	8010-00-161-7278
	BDDMP CARROLL 4 1/2 ORANGE SHELLAC	CARROLL/LTD, INC.	8010-00-161-7278
	BDDNM NAVY FORMULA 84 YELLOW 33481 BTTP645Y	DAVLIN PAINT CO.	8010-00-161-7419
	BDDNN YELLOW PRIMER	CORONADO PAINT CO. 308 OLD COUNTY RD., EDGEWATER, FL	8010-00-161-7419
	BDDNP FORMULA 84/47, YELLOW PRIMER, TT-P-645	CHEMRAY COATINGS CORPORATION	8010-00-161-7419
	BDDNQ YELLOW #33481 (PAINT) TT-P-645	ATLAS PAINT AND VARNISH COMPANY	8010-00-161-7419
	BDDNR FORMULA 84/47, ZINC CHROMATE PRIMER, TT-P-645	DEVCO MARINE COATING CO	8010-00-161-7419
	BDDNS 1201	GENERAL ELECTRIC CO	5970-00-161-7421
	BDDTR CHERRY STAIN, TT-S-711, FORMULA 49	KALCOR COATINGS	8010-00-165-4422
	BDDVB SHELLAC CUTTER	THREE BOND OF AMERICA INC	8010-00-165-4761
	BDDXX NAVY FORMULA 84 YELLOW 33481 BTTP645Y	DAVLIN PAINT CO.	8010-00-165-8557
	BDDXY PRIMER, ZINC CHROMATE, YELLOW-TT-F-645	CORONADO PAINT CO. 308 OLD COUNTY RD., EDGEWATER, FL	8010-00-165-8557
	BDDXZ FORMULA 84/47, YELLOW PRIMER, TT-P-645	CHEMRAY COATINGS CORPORATION	8010-00-165-8557
	BDDYB FORMULA 84/87, ZINC CHROMATE PRIMER, TT-P-645	DEVCO MARINE COATING CO	8010-00-165-8557
	BDDYL MIL-P-17545, FORMULA 116	TRIAD PAINT & CHEMICAL CORP	8010-00-165-8573
	BDDYM PRIMER, RED LEAD, MIL-P-17545, TYPE J	CORONADO PAINT CO. 308 OLD COUNTY RD., EDGEWATER, FL	8010-00-165-8573
	BDDYN FORMULA 32169, ORANGE PRIMER, DOD-P-17545D	CHEMRAY COATINGS CORPORATION	8010-00-165-8573
	BDDYP FORMULA 116, RED LEAD PRIMER, MIL-P-17545	DEVCO MARINE COATING CO	8010-00-165-8573
	BDDYW 728-011 PRIMER (WASH) PRETREATMENT	AMERON INDUSTRIAL COATINGS DIVISION	8030-00-165-8577
	BDDYX FORMULA 117, COMPONENT I, MFR CODE 728013	PRATT & LAMBERT	8030-00-165-8577
	BDDYY FORMULA 117, COMPONENT II, MFR CODE 702701	PRATT & LAMBERT	8030-00-165-8577
	BDDYZ ACID DILUENT	RANDOLPH PRODUCTS CO.	8030-00-165-8577
	DZB SCOTCHGRIP 1357 ADHESIVE (HI PERF CONTACT)	3M COMPANY	8040-00-165-8614
	BDDZC SCOTCHGRIP CONTACT CEMENT, 2218	3M COMPANY	8040-00-165-8614
	BDDZD MMM-A-121	BOUGHT ACCORDING TO SPEC	8040-00-165-8614
	BDDZF V-771153-M STAIN, INTERIOR	KALCOR COATINGS	8010-00-165-8627
	BDFDX SPL26A	SANDSTROM PRODUCTS INC	9150-00-168-2000
	BDFDY LUBRI-BOND 220 (AEROSOL)	ELECTROFILM INC	9150-00-168-2000
	BDFDZ LUBRI-BOND 220 (AEROSOL)	ELECTROFILM INC	9150-00-168-2000
	BDFFR CLEAR	CORONADO PAINT CO. 308 OLD COUNTY RD., EDGEWATER, FL	8010-00-168-8810
	BDFFS 220800-TT-V-109C	ENTERPRISE CHEMICAL COATINGS, CO.	8010-00-168-8810
	BDFFT 703-100	PRATT & LAMBERT-WICHITA DIV.	8010-00-168-8810
	BDFFZ COMPRESSED AIR; BREATHING QUALITY	LIQUID AIR CORPORATION	6830-00-169-0774
	BDFGB RR-C-901, CYLINDER, COMPRESSED GAS, HI-PRESS	THREE BOND OF AMERICA INC	6830-00-169-0774
	BDFGC CHLORINE	DELTA CHEMICAL CORPORATION	6830-00-169-0783
	BDFGF BB-H-1168 GRADE B	BOUGHT ACCORDING TO SPEC	6830-00-169-0789
	BDFGG BB-N-411, NITROGEN TECHNICAL, TY 1, CL 2, GR B	BOUGHT ACCORDING TO SPEC	6830-00-169-0793
	BDFGJ OXYGEN-REFRIGERATED LIQUID.	AIRCO DIVISION OF BOC GROUP	6830-00-169-0800
	BDFHC GREEN	CORONADO PAINT CO. 308 OLD COUNTY RD., EDGEWATER, FL	8010-00-169-7082
	BDFHD DK GREEN	CORONADO PAINT CO. 308 OLD COUNTY RD., EDGEWATER, FL	8010-00-169-7082
	BDFHF YELLOW	CORONADO PAINT CO. 308 OLD COUNTY RD., EDGEWATER, FL	8010-00-169-7082
	BDFHG ORANGE	CORONADO PAINT CO. 308 OLD COUNTY RD., EDGEWATER, FL	8010-00-169-7082
	BDFHH DK GREEN, ZINC CHROMATE	CORONADO PAINT CO. 308 OLD COUNTY RD., EDGEWATER, FL	8010-00-169-7083
	BDFHJ TT-P-645A, FORMULA 84 D	LYLE VAN PATTEN CO., INC.	8010-00-169-7083
	BDFKP MIL-G-18694, GLYCERINE-WATER MIXTURE, TYPE B	CHEMICAL COMMODITIES AGENCY	6810-00-172-9098
	BDFLM FORMULA 754 SCALE PREVENTIVE	ALLIED ENTERPRISES, INC.	6850-00-173-7243
	BDFLN AMEROYAL EVAPORATOR TREATMENT	DREW CHEMICAL CORP.	6850-00-173-7243
	DFLP LIQUI-VAP 303; SCALE PREVENTIVE COMPOUND	TIMMONS & CHARLES, INC	6850-00-173-7243
	DFLQ AQUAPHIX	BIDPHARM INC	6850-00-173-7243
	BDFLR AMEROYAL N	DREW CHEM CORP	6850-00-173-7243

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MSDS	TRADE NAME	MANUFACTURER	NSN	PAGE	F
BDFLS	B & R M-1	BULL & ROBERTS, INC	6850-00-173-7243		
BDFLT	NALFLEET-NDTT (9SD-824)	NALCO CHEMICAL COMPANY	6850-00-173-7243		
BDFLW	92908	MINE SAFETY APPLIANCES COMPANY	4240-00-174-1365		
BDFPR	169 1492, FARMER'S REDUCER, PART A	EASTMAN KODAK CO.	6750-00-174-5472		
BDFPS	169 1492, FARMER'S REDUCER, PART B	EASTMAN KODAK CO.	6750-00-174-5472		
BDFPT	169 1476, CHROMIUM INTENSIFIER, PART A	EASTMAN KODAK CO.	6750-00-174-5472		
BDFPV	169 1476, CHROMIUM INTENSIFIER, PART B	EASTMAN KODAK CO.	6750-00-174-5473		
BDFSB	CORROSION REMOVING & METAL CONDITIONING CPD	HOCKING INTERNATIONAL CHEMICAL CORP	6850-00-174-9672		
BDFSC	MIL-C-10578, CORROSION REMOVING & METAL COMPD	OCTAGON PROCESS INC.	6850-00-174-9672		
BDFSD	MIL-C-10578D, AM. II, TY. II	OCTAGON PROCESS INC.	6850-00-174-9672		
BDFVH	DETERGENT GENERAL PURPOSE (SPRAY-ON-WIPE OFF)	LIGHTHOUSE FOR THE BLIND OF HOUSTON	7930-00-177-5243		
BDFVJ	DETERGENT GEN PRP (SPRAY-ON-WIPE OFF-GLSICE)	LIGHTHOUSE FOR THE BLIND	7930-00-177-5243		
BDFVX	RR-C-910, CYLINDERS, COMPRESSED GAS	BOUGHT ACCORDING TO SPEC	8120-00-178-1598		
BDGBK	QUINTAB CHLORIDE TITRATOR 1175	ENVIRONMENTAL TEST SYSTEMS, INC	6850-00-180-6165		
BDGBT	RTV11	GENERAL ELECTRIC CO., SILICONE PRODUCTS DIVISION	8030-00-180-6201		
BDGBV	RTV-11	READ PLASTICS, INC (DIST), GENERAL ELECTRIC CO. (MFR)	8030-00-180-6201		
BDGDF	V-173	KALCOR COATINGS	8010-00-180-6343		
BDGD6	SYNTHITE AC-29-7S	JOHN C DOLPH INC	8010-00-180-6343		
BDGDS	AEROSHELL GREASE 6	SHELL OIL COMPANY	9150-00-180-6381		
BDGDT	MIL-G-24139, GREASE, MULTIPURPOSE	THREE BOND OF AMERICA INC	9150-00-180-6381		
BDGDV	AEROSHELL GREASE 6: SHELL CODE: 70026	SHELL OIL COMPANY	9150-00-180-6382		
BDGDW	AEROSHELL GREASE 6 SHELL CODE: 70026	SHELL OIL COMPANY	9150-00-180-6382		
BDGKV	TURCO 6037	TURCO PRODUCTS, INC.	8010-00-181-7561		
BDGKW	TURCO 5469	TURCO PRODUCTS, INC.	8010-00-181-7568		
BDGKX	PR-3505 MIL-R-81294, TYPE 1	ELDORADO CHEMICAL COMPANY, INC	8010-00-181-7568		
BDGKY	PR-3500, PAINT STRIPPER	ELDORADO CHEMICAL COMPANY, INC	8010-00-181-7561		
BDGKZ	MIL-R-81294, TYPE I (3812)	MAGNAFLUX SURFACE CONDITIONERS INC.	8010-00-181-7568		
BDGLB	7 PAINT STRIPPER	PAR. CHEM PRODUCTS INC.	8010-00-181-7568		
BDGLC	TURCO 5884-AG	TURCO PRODUCTS, INC.	6850-00-181-7591		
BDGLD	B&B 3100	B&B CHEMICAL CO; INC	6850-00-181-7594		
BDGLF	KRANKWASH	ROCHEM INC.	6850-00-181-7594		
BDGLG	MIL-C-85704A, AM. I OCTAKLEEN GPC	OCTAGON PROCESS INC.	6850-00-181-7594		
BDGMD	ROYCO 22D, (NATO CODE: 6-395)	ROYAL LUBRICANTS COMPANY, INC.	9150-00-181-7724		
BDGMF	ROYCO 22D	ROYAL LUBRICANTS COMPANY, INC.	9150-00-181-7724		
BDGMG	ROYCO 22D	ROYAL LUBRICANTS COMPANY, INC.	9150-00-181-7724		
BDGMH	MOBIL GREASE 28	MOBIL OIL CORPORATION	9150-00-181-7724		
BDGMJ	AEROSHELL GREASE 22	SHELL OIL COMPANY	9150-00-181-7724		
BDGMR	LIGHT GRAY LACQUER	STANSON DETERGENTS, INC.	8010-00-181-7791		
BDGMS	IB NO 2612	ILLINOIS BRONZE POWDER AND PAINT COMPANY	8010-00-181-7791		
BDGNC	241-7 ANTIFREEZE FORMULATION PROD #581770	BASF CORP CHEMICAL DIV, BASF CORP	6850-00-181-7929		
BDGND	241-7 ANTIFREEZE	BASF CORP CHEMICAL DIV, BASF CORP	6850-00-181-7929		
BDGNF	ANTIFREEZE, HEAVY DUTY	BASF CORP CHEMICAL DIV, BASF CORP	6850-00-181-7929		
BDGNG	MIL-A-46153B; ANTIFREEZE, ETHYLENE GLYCOL	THE OLD WORLD TRADING CO	6850-00-181-7929		
BDGNH	MIL-A-46153B ANTIFREEZE	OCTAGON PROCESS INC.	6850-00-181-7929		
BDGNJ	DOWGARD ANTIFREEZE	DOW CHEMICAL U.S.A (MFR) PHIPPS PRODUCTS (DISTRIBU)	6850-00-181-7929		
BDGNL	MIL-A-46153B; ANTIFREEZE, ETHYLENE GLYCOL	THE OLD WORLD TRADING CO	6850-00-181-7933		
BDGNM	MIL-A-46153B AM I; ANTIFREEZE	OCTAGON PROCESS INC.	6850-00-181-7933		
BDGNN	MIL-A-46153B; ANTIFREEZE, ETHYLENE GLYCOL	THE OLD WORLD TRADING CO	6850-00-181-7940		
BDGNP	INHIBITED ETHYLENE GLYCOL ANTIFREEZE	PRIORITY CHEMICAL COMPANY	6850-00-181-7940		
BDGNQ	MIL-A-46153B ANTIFREEZE	OCTAGON PROCESS INC.	6850-00-181-7940		
BDGMR	PERMANENT ANTIFREEZE	BASF WYANDOTTE CORPORATION	6850-00-181-7940		
BDGNS	ETHYLENE GLYCOL	BASF WYANDOTTE CORP.	6850-00-181-7940		
BDGPD	IS-143-POLYURETHANE THINNER, ALIPHATIC	DEFT INC CHEMICAL COATING DIV.	9010-00-181-8080		
BDGPF	MIL-T-81772A	CSD, INC	8010-00-181-8080		
BDGPG	T 81772	HOUSTON SOLVENTS & CHEMICALS	8010-00-181-8080		
BDGPH	TL 102 (MIL-T-21772A)	BOSTIK WEST, DIV OF USM CORP, AN EMHART UNIT	8010-00-181-8080		

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MSDS	TRADE NAME	MANUFACTURER	NSN
	BDGPK CHEVRON 9250 ENGINE OIL	CHEVRON U.S.A. INC.	9150-00-181-8097
	BDGPL MIL-L-90006 LUBRICATING OIL	WITCO CHEMICAL CO; GOLDEN BEAR OIL CO DIV.	9150-00-181-8097
	BDGPM MIL-L-9000 DIESEL ENGINE OIL	SULFLO, INC.	9150-00-181-8097
	BDGPN MIL-L-90006, LUBE OIL, HIGH OUTPUT DIESEL	LUBRICATING SPECIALTIES COMPANY	9150-00-181-8097
	BDGPP MIL-L-90006 ENGINE OIL	PETRO CANADA INC.	9150-00-181-8097
	BDGPQ SL-8722 OIL, MIL-L-9000 (MFR CODE 54160)	SHELL OIL COMPANY	9150-00-181-8097
	BDGPR LUB OIL, MFG P/N: IMP-MARINE 6B, 90006B, 90006S	IMPERIAL OIL CO., INC.	9150-00-181-8097
	BDGPS MOTOR OIL (MIL-L-90006)	BATTENFELD-AMERICAN INC	9150-00-181-8097
	BDGPT MIL-L-9000-6 GRADE 9250; LUBRICATING OIL	DELTA PETROLEUM CO. INC	9150-00-181-8097
	BDGSD CHEVRON 9250 ENGINE OIL	CHEVRON U.S.A. INC.	9150-00-181-8229
	BDGSF MIL-L-90006; LUB. OIL, HIGH OUTPUT DIESEL #A080	LUBRICATING SPECIALTIES COMPANY	9150-00-181-8229
	BDGSG MIL-L-90006 ENGINE OIL	PETRO CANADA INC.	9150-00-181-8229
	BDGSH SL-8722 OIL, MIL-L-9000 (MFR CODE 54160)	SHELL OIL COMPANY	9150-00-181-8229
	BDGSJ LUB OIL, MFG P/N: IMP-MARINE 6B, 90006B, 90006S	IMPERIAL OIL CO., INC.	9150-00-181-8229
	BDGSK MIL-L-90006; DIESEL ENGINE OIL; CODE: 60515	BATTENFELD-AMERICAN INC	9150-00-181-8229
	BDGSL MIL-L-90006, GRADE 30, LUBRICATING OIL	DELTA PETROLEUM CO. INC	9150-00-181-8229
	BDGSM MIL-L-9000-6 GRADE 9250; LUBRICATING OIL	DELTA PETROLEUM CO. INC	9150-00-181-8229
	BDGSN SYMBOL 9250, MIL-L-90006	WITCO CHEMICAL, GOLDEN BEAR DIVISION	9150-00-181-8229
	BDGSP POSOLUBE 9250, MIL-L-90006	WITCO CHEMICAL, GOLDEN BEAR DIVISION	9150-00-181-8229
	BDGTQ 03-BL-48 DEFTHANE	DEFT INC CHEMICAL COATING DIV.	8010-00-181-8284
	BDGTR BOSTIK	BOSTIK WEST, DIV OF USM CORP, AN EMHART UNIT	8010-00-181-8284
	BDGTS DEFTHANE & CATALYST	DEFT INC CHEMICAL COATING DIV.	8010-00-181-8285
	BDGTT 03-W-46 BASE, WHITE 37875, POLYURETHANE	DEFT INC CHEMICAL COATING DIV.	8010-00-181-8285
	BDGVY LOCQUIC PRIMER T (AEROSOL), PART # 747-56	LOCTITE CORP.	8030-00-181-8372
	BDGVZ STA-LOK PRIMER F	BROADVIEW CHEM CO, SUBSIDIARY OF EMHART CORP.	8030-00-181-8372
	BDGWB ANAEROBIC SEALANT PRIMER GRADE T SPRAY	THREE BOND OF AMERICA INC	8030-00-181-8372
	BDGXK TRICHLOR, TRICHLOROETHYLENE	PPG INDUSTRIES, INC. (MFR) AMCO CHEM CORP (DISTRBR)	6810-00-184-4794
	BDGXL TRICHLOROETHYLENE DEG COLD/VAP	ASHLAND CHEMICAL CO	6810-00-184-4794
	BDGXN NEU-TRI(R) SOLVENT, PRODUCT CODE; 56530	DOW CHEMICAL U.S.A (MFR) PHIPPS PRODUCTS (DISTRIBU)	6810-00-184-4794
	BDGXN ACETONE	ALLIED CORPORATION CHEMICAL SECTOR	6810-00-184-4796
	BDGXP 31125	SHELL OIL COMPANY	6810-00-184-4796
	BDGXQ ACETONE	CHEMICAL COMMODITIES (DIST), UNION CARBIDE (MFR).	6810-00-184-4796
	BDGXR ACETONE	MALLINCKRODT INC., SCIENCE PRODUCTS DIVISION	6810-00-184-4796
	BDGXS ACETONE	EXXON CHEMICAL AMERICAS A DIV. OF EXXON CHEMICAL CO	6810-00-184-4796
	BDGXT ACETONE	GEO. SENN, DIV. GLOBE SOLVENTS (PHIPPS PRODUCTS CORP)	6810-00-184-4796
	BDGXV ACETONE, SYNTHETIC, 00259	DOW CHEMICAL U.S.A (MFR) PHIPPS PRODUCTS (DISTRIBU)	6810-00-184-4796
	BDGYK CONOVIEV GLASS CLEANER	STANSON DETERGENTS, INC.	7930-00-184-9423
	BDGYR BRAYCO 300	BURMAH-CASTROL INC-BRAY PRODUCTS DIV.	9150-00-185-0629
	BDGYS PETROTECT 4072C	PENRECO DIVISION, PENNZOTL	9150-00-185-0629
	BDGZ6 LEAK-TEC 16-OX (TYPE I)	AMERICAN GAS & CHEM CO. LTD	6850-00-186-2963
	BDGZH MIL-L-25567, LEAK DETECT. CMPD., OXY. SYS. TYI	MC SEAN CHEM - CHEM COMMOD AGY, DIST	6850-00-186-2963
	BDGZV WOLF'S HEAD SPECIAL DUTY SERIES 3 OIL 10W	WOLF'S HEAD OIL REFINING CORP.	9150-00-186-6668
	BDGZW AUTOLINE FLEX C MOTOR OIL, GRADE 10	AUTOLINE OIL CO.	9150-00-186-6668
	BDGZX CENTURA PREMIUM MOTOR OILS UNIVERSAL 10	BORNE CHEMICAL COMPANY, INC.	9150-00-186-6668
	BDHBB 12478 S-3 MOTOR OIL, 10 GRADE	EXXON COMPANY, U.S.A.	9150-00-186-6668
	BDHBD J-CIL SAE 10W MOTOR OIL	STANSON DETERGENTS, INC.	9150-00-186-6668
	BDHBE SAE 10W MOTOR OIL, GRADE 10	E.C. MORRIS CORP.	9150-00-186-6668
	BDHBF SAE 10W MOTOR OIL, GRADE 10	CONTINENTAL OIL CO.	9150-00-186-6668
	BDHBG OE-10 (MC 1092)	IMPERIAL OIL CO., INC.	9150-00-186-6668
	BDHBH OE-10 (MC 1065)	IMPERIAL OIL CO., INC.	9150-00-186-6668
	BDHBJ ZEPHYR, MIL-L-2104C, LUBE OIL, GRADE 10	J.D. STRETT & CO., INC	9150-00-186-6668
	BDHBK MIL-L-2104D	BATTENFELD-AMERICAN INC	9150-00-186-6668
	BDHBL FIVE STAR SAE 10W (OE/HDC-10 ; C-237)	DELTA PETROLEUM CO. INC	9150-00-186-6668
	BDHBM KENDALL SUPER-D III MOTOR OIL, GRADE 10	KENDALL REFINING CO	9150-00-186-6668

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## MSDS TRADE NAME

## MANUFACTURER

## NSN

BDHBN E.D.L. MULTISERVICE 10, MIL-L-2104C	BENZ OIL INC	9150-00-186-6668
BDHBP VALVOLINE ALL-FLEET MOTOR OIL 10	ASHLAND OIL INC	9150-00-186-6667
BDHBQ CONSOLMO MOTOR OIL 10W	CONSOLIDATED MOTOR OILS, INC.	9150-00-186-6664
BDHCW SC 844 5017	WITCO, SOUTHWEST PETRO CHEM DIVISION	9150-00-186-6699
BDHCX MIL-L-46152C GR 10W30	DAVIS-HOWLAND OIL CORP	9150-00-186-6699
BDHCY MIL-1999&ML1792,10W30	IMPERIAL OIL CO., INC.	9150-00-186-6699
BDHCZ DELTLUBE XX GR. 10W/30	DELTA PETROLEUM CO. INC	9150-00-186-6699
BDHDB KENDALL NON-DETERGENT; MOTOR OIL, ALL SAE GRD	KENDALL REFINING CO	9150-00-186-6699
BDHDC SUPER BLEND MOTOR OIL, SAE 10W/30	QUAKER STATE OIL REFINING CORP	9150-00-186-6699
BDHDD SR 3813 10W-30 (LUBRICATING OIL)	SUN REFINING AND MARKETING COMPANY	9150-00-186-6699
BDHDF AMOCO LDD ALL-SEASON MOTOR OIL SAE 10W-30	AMOCO OIL COMPANY	9150-00-186-6699
BDHNZ WOLF'S HEAD SPECIAL DUTY SERIES 3 OIL 50	WOLF'S HEAD OIL REFINING CORP.	9150-00-188-9864
BDHPB 12315 S-3 MOTOR OIL, 50 GRADE	EXXON COMPANY, U.S.A.	9150-00-188-9864
BDHPC CONOCO FLEET MOTOR OIL, GRADE 50	CONTINENTAL OIL CO.	9150-00-188-9864
BDHPD OE-50 (MC1109)	IMPERIAL OIL CO., INC.	9150-00-188-9864
BDHPF OE-50 (MC 1094)	IMPERIAL OIL CO., INC.	9150-00-188-9864
BDHRM WOLF'S HEAD SPECIAL DUTY SERIES 3 OIL 10W	WOLF'S HEAD OIL REFINING CORP.	9150-00-189-6727
BDHRN 12478 S-3 MOTOR OIL, 10 GRADE	EXXON COMPANY, U.S.A.	9150-00-189-6727
BDHRP CONOCO FLEET OIL, GRADE 10	CONTINENTAL OIL CO.	9150-00-189-6727
BDHRQ OE-30 (MC1066), OE-40 (MC1115), OE-50 (MC1109)	IMPERIAL OIL CO., INC.	9150-00-189-6727
BDHRR KENDALL SUPER-D III MOTOR OIL, GRADE 10	KENDALL REFINING CO	9150-00-189-6727
BDHRS SR 4210 SAE 10	SUN REFINING AND MARKETING COMPANY	9150-00-189-6727
BDHTL MIL-G-10924D GREASE #10,779	SULFLO, INC.	9150-00-190-0900
BDHTM CALCIUM 12 HYDROXYSTEARATE GREASE, CODE 10779	BATTENFELD GREASE & OIL CORP. OF N.Y.	9150-00-190-0900
BDHTN CALCIUM 12 HYDROXYSTEARATE GREASE, CODE 10779	BATTENFELD GREASE & OIL CORP. OF N.Y.	9150-00-190-0904
BDHTP B&B GREASE 70919	SHELL CHEMICAL CO A DIV OF SHELL OIL CO.	9150-00-190-0900
BDHTQ GREASE, AUTOMOTIVE AND ARTILLERY/MIL-610924	SULFLO, INC.	9150-00-190-0900
BDHTR MIL-G-10924, GREASE, AUTOMOTIVE & ARTILLERY	BATTENFELD GREASE & OIL CORP. OF N.Y.	9150-00-190-0905
BDHTS MIL-G-10924D, GREASE, AUTOMOTIVE & ARTILLERY	BATTENFELD GREASE & OIL CORP. OF N.Y.	9150-00-190-0905
BDHTV MIL-G-10924D, GREASE, AUTOMOTIVE & ARTILLERY	SULFLO, INC.	9150-00-190-0900
BDHTW SA 824 3262; (GREASE AUTOMOTIVE)	WITCO, SOUTHWEST PETRO CHEM DIVISION	9150-00-190-0907
BDHTX MIL-G-10924 GREASE	BATTENFELD GREASE & OIL CORP. OF N.Y.	9150-00-190-0907
BDHTY SA 824 3332 (GREASE AUTOMOTIVE)	SOUTHWEST PETRO-CHEM, INC	9150-00-190-0900
BDHTZ B & B GREASE 70919	SHELL CHEMICAL CO A DIV OF SHELL OIL CO.	9150-00-190-0900
BDHVC VV-G-671E; LUBRICATING GREASE; CODE #1164	SULFLO, INC.	9150-00-190-0918
BDHVD VV-G-671E, GR. 2, GREASE GRAPHITE	BATTENFELD GREASE & OIL CORP. OF N.Y.	9150-00-190-0918
BDHVF VVG-671E; GREASE GRAPHITE	NONFLUID OIL CORPORATION	9150-00-190-0919
BDHVG VVG-671E GRADE #1, #2	SULFLO, INC.	9150-00-190-0919
BDHVK HDCP-420; BRAKE FLUID	OLIN CORPORATION	9150-00-190-0937
BDHVL BRAKE FLUID 455	GEO. SENN, DIV. GLOBE SOLVENTS (PHIPPS PRODUCTS CORP)	9150-00-190-0937
BDHVM BRAKE FLUID 455	DOW CHEMICAL U.S.A. (MFR) PHIPPS PRODUCTS (DISTRIBU)	9150-00-190-0937
BDJGN 146 3314, POTASSIUM FERRICYANIDE	EASTMAN KODAK CO.	6750-00-200-4527
BDJHB SPECIALLY DENATURED ALCOHOL SDA-3A 190 PROO	USI CHEMICALS CO. DIV. OF NTL. DISTILLERS & CHEM.	6810-00-201-0900
BDJHC ALCOHOL #3B	PUBLICKER INDUSTRIES INC	6810-00-201-0900
BDJHD O-E-760, ALCOHOL, PROPR. SOLV. & SPEC. SOLVGR III	BOUGHT ACCORDING TO SPEC	6810-00-201-0904
BDJHF O-E-760C AM. 1 TYPE III; ETHANOL, DENATURED	OCTAGON PROCESS INC.	6810-00-201-0900
BDJHG ALCOHOL, FORMULA-3A	PUBLICKER INDUSTRIES, INC	6810-00-201-0900
BDJHH SPEC. DEN. ALCOHOL SD-3A	SHELL CHEMICAL CO A DIV OF SHELL OIL CO.	6810-00-201-0904
BDJHJ SPECIALLY DENATURED ALCOHOL 3A	AAPER ALCOHOL AND CHEMICAL COMPANY	6810-00-201-0904
BDJHK SPECIALLY DENATURED ALCOHOL SDA-3A 190 PROO	USI CHEMICALS CO. DIV. OF NTL. DISTILLERS & CHEM.	6810-00-201-0900
BDJHL DENATURED ALCOHOL SDA-3A	MIDWEST GRAIN PRODUCTS	6810-00-201-0900
BDJHM SPECIALLY DENATURED ALCOHOL (SDA) 3A, 190	AAPER ALCOHOL & CHEMICAL CO.	6810-00-201-0906
BDJHN O-E-760, ALCOHOL, PROPR. SOLV. & SPEC. SOLVGR III	OCTAGON PROCESS INC.	6810-00-201-0900
BDJHP DENATURED ALCOHOL	SHELL CHEMICAL CO A DIV OF SHELL OIL CO.	6810-00-201-0900
BDJHQ O-E-760, ALCOHOL, PROPR. SOLV. & SPEC. SOLVGR III	BOUGHT ACCORDING TO SPEC	6810-00-201-0907
BDJHR O-E-760C AM. 1 TYPE III; ETHANOL, DENATURED	OCTAGON PROCESS INC.	6810-00-201-0907

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MSDS	TRADE NAME	MANUFACTURER	NSN
	BDJHS O-E-00760C, GR III	GEO. SENN, DIV. GLOBE SOLVENTS (PHIPPS PRODUCTS CORP)	6810-00-201-0907
	BDJHT ALCOHOL 3A	PUBLICKER INDUSTRIES, INC	6810-00-201-0907
	THV DENATURED ALCOHOL	SHELL CHEMICAL CO A DIV OF SHELL OIL CO.	6810-00-201-0907
	BJD LR-1588 BLACK PRESERVATIVE COATING	AKRON PAINT & VARNISH CO	8030-00-201-1103
	BDJJH MIL-F-26615, FIXING BATH, CONV. PHOTO., ACID	SOLUTEK CORPORATION	6750-00-201-1199
	BDJJJ MIL-F-26615, FIXING BATH, CONV. PHOTO., ACID	SOLUTEK CORPORATION	6750-00-201-1199
	BDJJK 176-060 CFH FIXER WITH HARDENER, PART A	CLAYTON CHEMICAL CO	6750-00-201-1199
	BDJL 176-060A CFH FIXER HARDENER PART B	CLAYTON CHEMICAL CO	6750-00-201-1199
	BDJKX FIRE EXTINGUISHER, CARBON DIOXIDE	THREE BOND OF AMERICA INC	4210-00-203-0217
	BDJKY 27248, 15-LB CO#2 FIRE EXTINGUISHER, NAVY	GENERAL FIRE EXTINGUISHER CORP	4210-00-203-0217
	BDJLC 6504-325/325 REV BPC7	NAVAL SHIPS SYSTEMS COMMAND	6830-00-203-1492
	BDJLD HYDROGEN (2.5% IN AIR)	ELECTROCATALYTIC INC	6830-00-203-1492
	BDJNP LAUNDRY SOUR AND BLUE, CS 9577	PENNMALT CORPORATION	7930-00-205-2882
	BDJRB SPINESTIC 10 ; PROD CODE: 372034-01123	EXXON COMPANY, U.S.A.	9150-00-209-8013
	BDJRJ TERESSTIC 32	EXXON COMPANY, U.S.A.	9150-00-209-8087
	BDJSB MIL-C-81309 TYPE II CLASS II, CORR PREVENT	BULK CHEMICALS DISTRIBUTORS, INCORPORATED	8030-00-213-3279
	BDJTY RAW LINSEED OIL	HONEYMEAD PRODUCTS CO.	8010-00-221-0611
	BDJVK GLACIAL ACETIC ACID	ALLIED CORPORATION CHEMICAL SECTOR	6810-00-221-1415
	BDJVL ACETIC ACID, REAGENT GRADE	E. I. DUPONT (PPG INDUST, UNION CARBIDE DOW CHEM)	6810-00-221-1415
	BDJVM O-C-265, CHEMICAL, ANALYTICAL, ACETIC ACID	EASTMAN KODAK CO.	6810-00-221-1415
	BDJVN ACETIC ACID, GLACIAL	CHEMICAL COMMODITIES AGENCY	6810-00-221-1415
	BDJVP ACETIC ACID GLACIAL, 2504-050	MALLINCKRODT INC., SCIENCE PRODUCTS DIVISION	6810-00-221-1415
	BDJVQ GLACIAL ACETIC ACID	SPECTRUM CHEMICAL MFG CORP	6810-00-221-1415
	BDJVR ACETIC ACID, GLACIAL	J. T. BAKER CO. (CHEM COMMODITIES-DIST)	6810-00-221-1415
	BDJWH N-1051 MMM-A-1617 TYPE 2	SHORE CHEMICAL CO	8040-00-221-3811
	BDJWJ N-1051 MMM-A-1617 TYPE 2	ASHLAND OIL INC	8040-00-221-3811
	BDJWK NEOPRENE ADHESIVE N-1051	SHORE CHEM CO	8040-00-221-3811
	BDJWL EC-711	3M COMPANY	8040-00-221-3811
	BDJWM FA-1051, MMM-A-1617, TYPE II	CLIFTON ADHESIVE, INC	8040-00-221-3811
	BDJWN N-1051 MMM-A-1617 TYPE 2	BOUGHT ACCORDING TO SPEC	8040-00-221-3811
	BDJZT CELLOSOLVE SOLVENT	CHEMICAL COMMODITIES (DIST), UNION CARBIDE (MFR).	6810-00-222-2751
	BDJZV EKTASOLVE EE SOLVENT	EASTMAN CHEMICAL PRODUCTS, INC.	6810-00-222-2751
	BDJZW ETHYLENE GLYCOL MONOETHYL ETHER	OCTAGON PROCESS INC.	6810-00-222-2751
	BDJZX ETHYLENE GLYCOL ETHYL ETHER, PROD CODE: 15711	AMSCO DIV, UNION OIL CO OF CALIFORNIA	6810-00-222-2751
	BDKBN MURIATIC ACID, 20 BE'	ALLIED CORPORATION CHEMICAL SECTOR	6810-00-222-9641
	BDKBP HYDROCHLORIC ACID #6130	GUARDIAN-IPCO, INC.	6810-00-222-9641
	BDKBQ HYDROCHLORIC ACID, 20 DEG BAUME TECH & F.P.	E. I. DUPONT (PPG INDUST, UNION CARBIDE DOW CHEM)	6810-00-222-9641
	BDKBR O-H-765	FISHER SCIENTIFIC CO (MFR), UNISOL CHEMICAL (DIST)	6810-00-222-9641
	BDKBS MURIACTIC ACID	CONTINENTAL CHEMICAL CORP.	6810-00-222-9641
	BDKBT HYDROCHLORIC ACID	COLUMBUS CHEMICAL INDUSTRIES INC.	6810-00-222-9641
	BDKBV HYDROCHLORIC ACID	CHEMICAL COMMODITIES AGENCY	6810-00-222-9641
	BDKBW MURIATIC ACID	MONSANTO COMPANY	6810-00-222-9641
	BDKBX MURIATIC ACID, 20 BE	CHASE CHEMICAL CO, INC	6810-00-222-9641
	BDKBY O-H-765, HYDROCHLORIC ACID, TECHNICAL	OCTAGON PROCESS INC.	6810-00-222-9641
	BDKBZ HYDROCHLORIC ACID, TECHNICAL 20 BAUME	DOW CHEMICAL U.S.A (MFR) PHIPPS PRODUCTS (DISTRIBU)	6810-00-222-9641
	BDKCR NITRIC ACID 40 DEG BAUME	E. I. DUPONT (PPG INDUST, UNION CARBIDE DOW CHEM)	6810-00-222-9655
	BDKCS NITRIC ACID	CAMFIELD CHEMICAL CO (MFG-ALLIED CHEM CO)	6810-00-222-9655
	BDKCT AQUAFORTIS, HYDROGEN NITRATE	SPECTRUM CHEMICAL MFG CORP	6810-00-222-9655
	BDKCV NITRIC ACID, TECHNICAL	J. T. BAKER CO. (CHEM COMMODITIES-DIST)	6810-00-222-9655
	BDKCW NITRIC ACID	OCTAGON PROCESS INC.	6810-00-222-9655
	BDKCX HYDROGEN NITRATE	VAN WATER & ROGERS	6810-00-222-9655
	BDKFS ACETONE	ALLIED CORPORATION CHEMICAL SECTOR	6810-00-223-2739
	BDKFT ACETONE	CSD, INC	6810-00-223-2739
	BDKFV ACETONE ; SHELL CODE: 31125	SHELL OIL COMPANY	6810-00-223-2739
	BDKFW PRODUCT--00830ED ACETONE	EXXON CHEMICAL AMERICAS A DIV. OF EXXON CHEMICAL CO	6810-00-223-2739
	BDKFX ACETONE	GEO. SENN, DIV. GLOBE SOLVENTS (PHIPPS PRODUCTS CORP)	6810-00-223-2739

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MSDS	TRADE NAME	MANUFACTURER	NSN
BDFY	AMSCO SOLV 5450	AMSCO DIV, UNION OIL CO OF CALIFORNIA	6810-00-223-2739
BDFZ	ACETONE, SYNTHETIC	DOW CHEMICAL U.S.A(MFR)PHIPPS PRODUCTS (DISTRIBU)	6810-00-223-2770
BDKGJ	ROYCO 45	ROYAL LUBRICANTS COMPANY, INC.	9150-00-223-40
BDKGK	AEROSHELL GREASE 22	SHELL OIL COMPANY	9150-00-223-4003
BDKGL	ROYCO 64	ROYAL LUBRICANTS COMPANY, INC.	9150-00-223-4004
BDKGM	ROYCO 64D	ROYAL LUBRICANTS COMPANY, INC.	9150-00-223-4004
BDKGN	AEROSHELL GREASE17;SHELL CODE:70017.	SHELL OIL COMPANY	9150-00-223-4004
BDKGP	WV-6-671 GRADE 3,CL 2	NONFLUID OIL CORP	9150-00-223-4007
BDKGQ	WV-6-671E,GREASE GRAPHITE, GRADE 3	NONFLUID OIL CORPORATION	9150-00-223-4007
BDKHB	ROYCO 586V	ROYAL LUBRICANTS COMPANY, INC.	9150-00-223-41
BDKHC	ROYCO 586W	ROYAL LUBRICANTS COMPANY, INC.	9150-00-223-4106
BDKHL	ROYCO 885	ROYAL LUBRICANTS COMPANY, INC.	9150-00-223-4109
BDKHM	ROYCO 885A	ROYAL LUBRICANTS COMPANY, INC.	9150-00-223-41
BDKHN	BRAYCO 885	BURMAH-CASTROL INC-BRAY PRODUCTS DIV.	9150-00-223-4109
BDKHP	MIL-L-6085B;LUBRICATING OIL	OCTAGON PROCESS INC.	9150-00-223-4129
BDKHQ	ROYCOL 586M/5866	ROYAL LUBRICANTS COMPANY, INC.	9150-00-223-41
BDKHT	ROYCO 756D(BEFORE AUGUST 1980)	ROYAL LUBRICANTS COMPANY, INC.	9150-00-223-41
BDKHV	ROYCO 756E (AFTER 1980)	ROYAL LUBRICANTS COMPANY, INC.	9150-00-223-4134
BDKHW	BRAYCO 756	BURMAH-CASTROL INC-BRAY PRODUCTS DIV.	9150-00-223-4177
BDKHX	TECHNOLUBE FB-003	LUBRICATING SPECIALTIES COMPANY	9150-00-223-41
BDKHY	01537 AIRCRAFT HYDRAULIC OIL 15	TEXACO INC	9150-00-223-4134
BDKHZ	MIL-H-5606, HYDRAULIC FLUID, PETRO. BASE.	PENRECO DIVISION, PENNZOTL	9150-00-223-4134
BDKJB	MIL-H-5606; HYDRAULIC FLUID	AMERICAN OIL SUPPLY COMPANY	9150-00-223-41
BDKJC	MIL-H-5606E (1) QA	AMERICAN OIL SUPPLY COMPANY	9150-00-223-4106
BDKJL	PHENOPHTHALEIN, ACS	MASTERS CHEMICAL CO.	6810-00-223-7612
BDKJM	PHENOLPHTHALEIN, ACS	J.T.BAKER CO. (CHEM COMMODITIES-DIST)	6810-00-223-76
BDKJN	PHENOLPHTHALEIN, ACS	OCTAGON PROCESS INC.	6810-00-223-76
BDKKR	GUNCARE	CRC CHEMICALS	6850-00-224-6656
BDKKS	RIFLE BORE CLEANER	BULK CHEMICALS DISTRIBUTORS, INCORPORATED	6850-00-224-6654
BDKKT	ALOX 2022	ALOX CORP	6850-00-224-66
BDKKV	RIFLE BORE CLEANER	KONALRAD PRODUCTS, INC.	6850-00-224-6655
BDKKW	MIL-C-372C; CLEANING COMPOUND	OCTAGON PROCESS INC.	6850-00-224-6657
BDKKY	MIL-C-372B; RIFLE BORE CLEANER	BULK CHEMICALS DISTRIBUTORS, INCORPORATED	6850-00-224-66
BDKKZ	MIL-C-372C, CLEANING COMPOUND SOLVENT	OCTAGON PROCESS INC.	6850-00-224-66
BDKLB	F 2742; CLEANING COMPOUND	AMERICAN FINISH AND CHEMICAL CO	6850-00-224-6663
BDKLC	F.O. 448 CLEANING COMPOUND	HEXCEL/FINE ORGANICS	6850-00-224-66
BDKLD	MIL-C-11090D, CLEANING COMPOUND, DEGREASING	OCTAGON PROCESS INC.	6850-00-224-66
BDKLF	MIL-C-11090D, AM 1; CLEANING COMPOUND	OCTAGON PROCESS INC.	6850-00-224-6665
BDKLG	SOLVIT R	CLARKSON LABORATORIES, INC. (SEE SUPP DATA)	6850-00-224-6665
BDKLR	POWDERED SOAP	CONCORD CHEMICAL CO, INC	7930-00-224-79
BDKLS	FS SOAP, LAUNDRY--P-5-1792	NORMAN, FOX & CO	7930-00-224-7999
BDKLT	SOAP, TALLOW (LEVER HIGH TITER)	BOUGHT ACCORDING TO SPEC	7930-00-224-7901
BDKLV	SOAP-ANIONIC	THREE BOND OF AMERICA INC	7930-00-224-79
BDKMT	RTV102 SILICONE SEALANT	GENERAL ELECTRIC CO., SILICONE PRODUCTS DIVISION	8040-00-225-45
BDKNF	VIBRA-CLEAN	HANLON CHEM. CO., INC.	8520-00-225-8563
BDKNG	WATERLESS HAND CLEANER PASTE	MAKOR PRODUCTS CO.	8520-00-225-8573
BDKPM	2-PROPANOL, ELECTRONIC GRADE	ALLIED CORPORATION CHEMICAL SECTOR	6810-00-227-04
BDKPN	ISOPROPYL ALCOHOL, ACS, PX1835	MCB REAGENTS, DIVISION OF E M SCIENCE	6810-00-227-0470
BDKPP	ISOPROPYL ALCOHOL, 13031	EASTMAN KODAK CO.	6810-00-227-0410
BDKPQ	ISOPROPYL ALCOHOL	POLYSCIENCES, INC.	6810-00-227-04
BDKPR	ISOPROPANOL	CHEMICAL COMMODITIES AGENCY	6810-00-227-04
BDKPS	ISOPROPANOL 99%	AAPER ALCOHOL & CHEMICAL CO.	6810-00-227-0410
BDKPT	ISOPROPYL ALCOHOL, ANHYDROUS	EXXON CHEMICAL AMERICAS A DIV.OF EXXON CHEMICAL CO	6810-00-227-0470
BDKPV	ISOPROPYL ALCOHOL	SHELL CHEMICAL CO A DIV OF SHELL OIL CO.	6810-00-227-0470
BDKPW	ISOPROPYL ALCOHOL	MCKESSON CHEMICAL CO.	6810-00-227-0410
BDKTW	ANHYDROL SOLVENT SPECIAL, PM-4082, 200 PROOF	UNION CARBIDE CORP	6850-00-227-1887

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MSDS	TRADE NAME	MANUFACTURER	NSN
BDKTX	MIL-C-43454,CLEANING COMPOUND,OPTICAL LENS	CHEMICAL COMMODITIES AGENCY	6850-00-227-1887
BDKTY	CLEANING COMPOUND,OPTICAL LENS	ALFA KLEEN CHEMICAL CO.	6850-00-227-1887
BDKTZ	MIL-C-43454,CLEANING COMPOUND,OPTICAL	OCTAGON PROCESS INC.	6850-00-227-1887
BDKVD	TOILET SOAP	BOUGHT ACCORDING TO SPEC	8520-00-228-0598
BDKVF	P-S-6246,TY 1,SOAP,TOILET	NATIONAL CHEMICAL LABORATORIES OF PA, INC.	8520-00-228-0598
BDKVG	15% TOILET SOAP	THE LIGHTHOUSE FOR THE BLIND	8520-00-228-0598
BDKXM	BRAYCOTE 103	BURMAH-CASTROL INC-BRAY PRODUCTS DIV.	8030-00-231-2345
BDKXN	CORTEC VCI-368	THE CORTEC CORPORATION	8030-00-231-2345
BDKXP	NOKORODE 731	LION OIL CO	8030-00-231-2345
BDKXQ	PETROTECT IX,MIL-C-16173,GRADE 1	PENRECO DIVISION, PENNZOTL	8030-00-231-2345
BDKXR	NOKORODE 731	LION OIL CO	8030-00-231-2345
BDKYH	ROYCO 315	ROYAL LUBRICANTS COMPANY,INC.	9150-00-231-2356
BDKYJ	ROYCO 315;LUBRICATING OIL;MIL-L-3150B	ROYAL LUBRICANTS COMPANY,INC.	9150-00-231-2356
BDKYK	SF 871 1010	SOUTHWEST PETRO-CHEM, INC	9150-00-231-2356
BDKYQ	ROYCO 315	ROYAL LUBRICANTS COMPANY,INC.	9150-00-231-2361
BDKYR	N/A	ROYAL LUBRICANTS COMPANY,INC.	9150-00-231-2361
BDKYS	SF 871 1010	SOUTHWEST PETRO-CHEM, INC	9150-00-231-2361
BDKYT	TECTYL 802-A	ASHLAND OIL INC	9150-00-231-2361
BDKYW	SCRUB SOAP	CONTINENTAL CHEMICAL CORP.	7930-00-231-2998
BDKZD	MIL-L-15019C, SYMBOL 6135, BM 54123	MAYCO OIL & CHEMICAL CO	9150-00-231-6646
BDKZF	MIL-L-15019E,LUBRICATING OIL COMPOUNDED	DAVIS-HOWLAND OIL CORP	9150-00-231-6646
BDLBJ	4789,MIL-L-16785 A GRADE A	BEL-RAY CO INC.	9150-00-231-6661
BDLBK	MIL-L-16785-A (GRADE B) PETROLEUM HYDROCABN	BEL-RAY CO INC.	9150-00-231-6662
BDLBZ	ROYCO 308	ROYAL LUBRICANTS COMPANY,INC.	9150-00-231-6689
BDLCB	ROYCO 308A	ROYAL LUBRICANTS COMPANY,INC.	9150-00-231-6689
BDLCC	VV-L-800C;LUBRICATING OIL;CODE:10851	SULFLO,INC.	9150-00-231-6689
BDLCD	BRAYCO 300	BURMAH-CASTROL INC-BRAY PRODUCTS DIV.	9150-00-231-6689
BDLCF	VV-L-800A;LUBRICATING OIL,GEN PURPOSE	BULK CHEMICALS DISTRIBUTORS, INCORPORATED	9150-00-231-6689
BDLCG	VV-L-800	BATTENFELD GREASE & OIL CORP. OF N.Y.	9150-00-231-6689
BDLCH	VV-L-800C;OCTOIL 90-2	OCTAGON PROCESS INC.	9150-00-231-6689
BDLCJ	PETROTECT 4072C	PENRECO DIVISION, PENNZOTL	9150-00-231-6689
BDLCK	VV-L-800C, LUBE OIL, GENERAL PURPOSE, 3001	AMERICAN OIL SUPPLY COMPANY	9150-00-231-6689
BDLCL	VVC-C-0-376A;REFINED ANIMAL FAT	MAYCO OIL & CHEMICAL CO	9150-00-231-6699
BDLCM	CUTTING FLUID 923	BEESTON,INC.	9150-00-231-6699
BDLCN	LARD OIL, C-0-376A	OCTAGON PROCESS INC.	9150-00-231-6699
BDLCS	AUTOLINE FLEX C MOTOR OIL, GRADE 10	AUTOLINE OIL CO.	9150-00-231-9037
BDLCT	MORALUBE MOTOR OIL,GRADE 10	MORAIN INDUSTRIES, INC	9150-00-231-9037
BDLCV	SUPER HEAVY DUTY, MIL-C-2104C, GRADE 10	STANSON DETERGENTS, INC.	9150-00-231-9037
BDLCW	IMP X HDO 10, OR S-310	IMPERIAL OIL CO., INC.	9150-00-231-9037
BDLCX	ZEPHYR,MIL-L-2104C,LUBE OIL, GRADE 10	J.D. STREETT & CO., INC	9150-00-231-9037
BDLCY	EDL MULTISERVICE 10, MIL-L-2104C	BENZ OIL INC	9150-00-231-9037
BDLDN	VV-L-820; LUBRICATING OIL	AMERICAN WRITING INK CO., INC.	9150-00-231-9045
BDLDP	VVC-C-0-376A;REFINED ANIMAL FAT	MAYCO OIL & CHEMICAL CO	9150-00-231-9054
BDLDQ	LARD OIL (C-0-376)	OCTAGON PROCESS INC.	9150-00-231-9054
BDLDR	C-0-376A,CUTTING FLUID	AMCO CHEMICAL CORP	9150-00-231-9054
BDLDV	ROYCO 308	ROYAL LUBRICANTS COMPANY,INC.	9150-00-231-9061
BDLDW	ROYCO 308A	ROYAL LUBRICANTS COMPANY,INC.	9150-00-231-9061
BDLDX	BRAYCO 300	BURMAH-CASTROL INC-BRAY PRODUCTS DIV.	9150-00-231-9061
BDLDY	VV-L-800A,LUBRICATING OIL,GEN PURPOSE,PRESRVTV	BULK CHEMICALS DISTRIBUTORS, INCORPORATED	9150-00-231-9061
BDLDZ	VVL-800C;LUBRICATING OIL #60418	BATTENFELD-AMERICAN INC	9150-00-231-9061
BDLFB	VV-L-800C;OCTOIL 90-2;LUBRICATING OIL	OCTAGON PROCESS INC.	9150-00-231-9061
BDLFC	PETROTECT 4072C	PENRECO DIVISION, PENNZOTL	9150-00-231-9061
BDLFD	BRAKE FLUID 455	DOW CHEMICAL U.S.A(MFR)PHIPPS PRODUCTS (DISTRIBU)	9150-00-231-907
BDLFF	HDCP-420;BRAKE FLUID	OLIN CORPORATION	9150-00-231-907
BDLFN	SILVER NITRATE	D.F. GOLDSMITH CHEMICAL & METAL CORP	6810-00-233-012
BDLFP	SILVER NITRATE	POLYSCIENCES, INC.	6810-00-233-012

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MSDS	TRADE NAME	MANUFACTURER	NSN
BDLFD	SILVER NITRATE	HACH CO.	6810-00-233-0124
BDLFR	SILVER NITRATE	J.T.BAKER CO.(CHEM COMMODITIES-DIST)	6810-00-233-0177
BDLHL	DOLCHEM 6094	THE DOLPHIN PAINT & CHEMICAL COMPANY	5970-00-233-623
BDLHN	GRAPHITE DRY LUBE	THE ASBURY GRAPHITE MILLS, INC	9620-00-277-4712
BDLKH	WIRE ROPE & CHAIN LUBE	SULFLO, INC.	9150-00-234-5197
BDLKJ	VV-L-751D, LUBRICATING OIL, GRADE 1-LIGHT	DAVIS-HOWLAND OIL CORP	9150-00-234-5197
BDLKK	VV-L-751C PRODUCT 17615	SOUTHWEST PETRO-CHEM, INC	9150-00-234-5197
BDLKL	VV-L-751D PRODUCT SE 860 0020	SOUTHWEST PETRO-CHEM, INC	9150-00-234-5197
BDLKM	MOBILMET S 122	MOBIL OIL CORP	9150-00-234-5197
BDLKN	VVCB46-1, WATER SOLUBLE CUT. & GRIND.FLUID	DAVIS-HOWLAND OIL CORP	9150-00-234-5197
BDLKP	VV-C-846A, TYPE I; CUTTING FLUID	OCTAGON PROCESS INC.	9150-00-234-5198
BDLKR	WIRE ROPE & CHAIN LUBE; CODE #60, 401-3	SULFLO, INC.	9150-00-234-5200
BDLKS	17617	SOUTHWEST PETRO-CHEM, INC	9150-00-234-5200
BDLKT	VV-L-751-D	NONFLUID OIL CORPORATION	9150-00-234-5200
BDLPG	ROYCO 49	ROYAL LUBRICANTS COMPANY, INC.	9150-00-235-5555
BDLPH	ROYCO 49B	ROYAL LUBRICANTS COMPANY, INC.	9150-00-235-5555
BDLPJ	SA 823 9222	SOUTHWEST PETRO-CHEM, INC	9150-00-235-5555
BDLPK	VV6-671E-1 LUBRICATING GREASE	SULFLO, INC.	9150-00-235-5568
BDLPL	GRAPHITE LUBRICATING GREASE	BATTENFELD GREASE & OIL CORP. OF N.Y.	9150-00-235-5568
BDLPM	VV-S-671 (GREASE, GRAPHITE)	NONFLUID OIL CORPORATION	9150-00-235-5568
BDLPS	COLLOIDAL GRAPHITE	BEESTON, INC.	9150-00-235-5581
BDLPT	MIL-L-3572 GRADE A LIGHT	GRAFO COLLOIDS CORPORATION	9150-00-235-5581
BDLPV	LUBRICANT; COLLOIDAL, GRAPHITE, GRADE A	OCTAGON PROCESS INC.	9150-00-235-5581
BDLPW	MIL-L-3572; GRADE B; LUBR. COLLOIDAL GRAPH. OIL	GRAFO COLLOIDS CORPORATION	9150-00-235-5581
BDLPZ	KENDCO GEAR LUBRICANT 101 COMP	KENDALL REFINING CO	9150-00-235-5591
BDLQN	GULF HARMONY 78 E.P.	CHEVRON USA INC.	9150-00-235-9061
BDLQP	GB 2190 TURBINE	WITCO CHEMICAL CO; GOLDEN BEAR OIL CO DIV.	9150-00-235-9061
BDLQQ	1208 TURBINE LUBRICANT	EXXON COMPANY, U.S.A.	9150-00-235-9061
BDLQR	SHELL TURBO OIL 78	SHELL OIL COMPANY	9150-00-235-9061
BDLQS	IMP.OIL 2190-TEP-3, TURBINE (SEE SUPPL DATA)	IMPERIAL OIL CO., INC.	9150-00-235-9061
BDLQT	MARINE TURB 17331	SUN PETROLEUM PRODUCTS	9150-00-235-9061
BDLQV	CHEVRON TURBINE OIL 100 TEP; CPS 235602	CHEVRON USA, INC	9150-00-235-9061
BDLQW	VEEDOL ATURBRIO 67	GETTY REFINING & MARKETING COMPANY	9150-00-235-9061
BDLQX	MS2190 TEP (DURO 2190 TEP OIL)	ARCO PETROLEUM PRODUCTS CO.DIV ATLANTIC RICHFIELD	9150-00-235-9061
BDLQY	GULF HARMONY 78 E.P.	CHEVRON USA INC.	9150-00-235-9062
BDLQZ	GB 2190 TURBINE	WITCO CHEMICAL CO; GOLDEN BEAR OIL CO DIV.	9150-00-235-9062
BDLRB	1209 TURBINE LUBRICANT; CODE:341209-01209	EXXON COMPANY, U.S.A.	9150-00-235-9062
BDLRC	1208 TURBINE LIBRICANT	EXXON COMPANY, U.S.A.	9150-00-235-9062
BDLRD	IMP.OIL 2190-TEP-3, TURBINE (SEE SUPPL DATA)	IMPERIAL OIL CO., INC.	9150-00-235-9062
BDLRF	GULF HARMONY 78 EP	GULF OIL PRODUCTS COMPANY	9150-00-235-9062
BDLRG	MARINE TURB 17331	SUN PETROLEUM PRODUCTS	9150-00-235-9062
BDLRH	CHEVRON TURBINE OIL 100 TEP; CPS 235602	CHEVRON USA, INC	9150-00-235-9062
BDLRJ	VEEDOL ATURBRIO 67	GETTY REFINING & MARKETING COMPANY	9150-00-235-9062
BDLRK	MS2190 TEP (DURO 2190 TEP OIL)	ARCO PETROLEUM PRODUCTS CO.DIV ATLANTIC RICHFIELD	9150-00-235-9062
BDLVD	HYDROFLUORIC ACID	CHEMICAL COMMODITIES AGENCY	6810-00-236-5671
BDLVF	HYDROFLUORIC ACID 70% TECH	HOCKING INTERNATIONAL CHEMICAL CORP	6810-00-236-5671
BDLVG	HYDROFLUORIC ACID	STAUFFER CHEM.(CHEM COMMODITIES-DIST)	6810-00-236-5671
BDMCJ	TI-N-95, TYPE II	PHIPPS PRODUCTS (MFG-UNION OIL OF CALIF)	6810-00-238-8117
BDMCK	TROLUOIL	STANSON DETERGENTS, INC.	6810-00-238-8119
BDMCL	NAPHTHA, ALIPHATIC	CSD, INC	6810-00-238-8119
BDMCM	CHARTERSOL 210-66	CHARTER CHEMICALS/CHARTER INTERNATION OIL CO.	6810-00-238-8119
BDMCN	LACTOL SPIRITS	AMSCO DIV, UNION OIL CO OF CALIFORNIA	6810-00-238-8119
BDMDV	454013 QUICK START TRAINING CANISTER	MINE SAFETY APPLIANCES COMPANY	4240-00-238-9977
BDMGG	SODIUM CHROMATE	ALLIED CORPORATION CHEMICAL SECTOR	6810-00-240-2119
BDMGH	SODIUM CHROMATE ANHYDROUS	OCCIDENTAL CHEMICAL	6810-00-240-2119
BDMGJ	SODIUM CHROMATE, ANHYDROUS	UNIVAR CORP VAN WATERS AND ROGERS INC.	6810-00-240-2119

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MSDS	TRADE NAME	MANUFACTURER	NSN
BDMGK	UNIFLO #12 OR UNIFLO #26	DIAMOND SHAMROCK (MFR.)CONTINENTAL CHEM. CORP(DIST	6810-00-240-2121
BDMGP	ROYCO 586 M	ROYAL LUBRICANTS COMPANY,INC.	9150-00-240-2235
BDMGQ	ROYCO 586L;ROYCO 586M	ROYAL LUBRICANTS COMPANY,INC.	9150-00-240-2235
BDMGW	MGV VV-L-1071A;LUBRICATING OIL	DAVIS-HOWLAND OIL CORP	9150-00-240-2260
BDMGW	LUBRICATING OIL	VINELAND WAX SPECIALITIES INC	9150-00-240-2260
BDMGG	GENETRON 114 DICHLOROTETRAFLUOROETHANE	ALLIED CORP.	6830-00-242-0803
BDMGH	BB-F-1421	BOUGHT ACCORDING TO SPEC	6830-00-242-0803
BDMQL	THINNER,PAINT	SPE-DE-WAY PRODUCTS CO.,INC.	8010-00-242-2089
BDMQM	STD. 350H TT-T-291E TYPE II GR-A	CHEVRON(CENTRAL SOLVENTS AND CHEMICALS CO)	8010-00-242-2089
BDMQN	TT-T-291F THINNER	STIC-ADHESIVE PRODUCTS CO, INC.	8010-00-242-2089
BDMQP	266D THINNER	HOUSTON SOLVENTS & CHEMICALS	8010-00-242-2089
BDMQQ	MINERAL SPIRITS 75	UNION CHEMICALS DIVISION,UNION OIL COMPANY OF CALI	8010-00-242-2089
BDMQR	350B THINNER	CHEVRON CHEMICAL CORP.	8010-00-242-2089
BDMWG	DAP BUTYL GUTTER 6 LAP SEALER,TT-C-001796	DAP INC	8030-00-243-0956
BDMWX	MIL-L-15019	WITCO CHEMICAL CO; GOLDEN BEAR OIL CO DIV.	9150-00-243-3197
BDMWY	SE8610149	SOUTHWEST PETRO-CHEM, INC	9150-00-243-3197
BDMWZ	MIL-T-83483	MAKOR PRODUCTS CO.	8030-00-243-3285
BDMXJ	124-005760,ACS,(AQ. NH*3),28-30%	ALLIED CORPORATION CHEMICAL SECTOR	6810-00-243-4436
BDMXK	AMMONIUM HYDROXIDE,ELECTRONIC GRADE	E.I. DUPONT (PPG INDUST,UNION CARBIDE DOW CHEM)	6810-00-243-4436
BDMXL	AQUA AMMONIA	W.D. SERVICE CO.	6810-00-243-4436
BDMXM	AMMONIUM HYDROXIDE; CAT.NO.106	HACH CO.	6810-00-243-4436
BDMXN	AMMONIUM HYDROXIDE	POLY RESEARCH CORP.	6810-00-243-4436
BDMXP	AMMONIUM HYDROXIDE	COLUMBUS CHEMICAL INDUSTRIES INC.	6810-00-243-4436
BDMXQ	AMMONIUM HYDROXIDE	J.T.BAKER CO.(CHEM COMMODITIES-DIST)	6810-00-243-4436
BDMXR	AQUA AMMONIA,SOLUTION NO. 1	MICHLIN DIAZO PRODUCTS CORP.	6810-00-243-4436
BDMZN	NEATSFOOT OIL	STANSON DETERGENTS, INC.	8030-00-244-1031
BDMZP	PRIME NEATSFOOT OIL COMPOUND	FIEBING CO., INC.	8030-00-244-1031
BDMZV	XP-400 RUST INHIBITED POLISH	SOUTHWEST PETRO-CHEM, INC	8030-00-244-1293
BDMZW	TECTYL 894	ASHLAND OIL INC	8030-00-244-1293
BDMZX	2049	MAGNAFLUX SURFACE CONDITIONERS INC.	8030-00-244-1294
BDMZY	XP-400 RUST INHIBITED POLISH	SOUTHWEST PETRO-CHEM, INC	8030-00-244-1294
BDMZZ	TECTYL 894	ASHLAND OIL INC	8030-00-244-1294
BDNBB	TECTYL 502C	ASHLAND OIL INC	8030-00-244-1295
BDNBC	CORTEC VCI-369 CONCENTRATE	THE CORTEC CORPORATION	8030-00-244-1295
BDNBD	TECTYL 502C	ASHLAND OIL INC	8030-00-244-1295
BDNBF	PETROTECT 2,MIL-C-16173,GRADE 2	PENRECO DIVISION, PENNZOTL	8030-00-244-1295
BDNBG	TECTYL 894	ASHLAND OIL INC	8030-00-244-1296
BDNBH	TECTYL 894	ASHLAND OIL INC	8030-00-244-1296
BDNBJ	TECTYL 502C	ASHLAND OIL INC.(SUPPLIED BY STEVEN INDUSTRIES).	8030-00-244-1297
BDNBK	CORTEC VCI-369 CONCENTRATE	THE CORTEC CORPORATION	8030-00-244-1297
BDNBL	TECTYL 502-C	ASHLAND OIL INC	8030-00-244-1297
BDNBM	PETROTECT 2,MIL-C-16173,GRADE 2	PENRECO DIVISION, PENNZOTL	8030-00-244-1297
BDNBN	TECTYL 502C	ASHLAND OIL INC	8030-00-244-1298
BDNBP	CORTEC VCI-369 CONCENTRATE	THE CORTEC CORPORATION	8030-00-244-1298
BDNBQ	PETROTECT 2,MIL-C-16173,GRADE 2	PENRECO DIVISION, PENNZOTL	8030-00-244-1298
BDNBR	MIL-C-16173,PIGMENTED CORROS INHIB COMPD,GR1	ABLESTIK LABORATORIES	8030-00-244-1299
BDNBS	NCKORODE 731	ASHLAND OIL INC	8030-00-244-1299
BDNBT	CORTEC VCI-368	THE CORTEC CORPORATION	8030-00-244-1299
BDNBV	PETROTECT IX,MIL-C-16173,GRADE 1	PENRECO DIVISION, PENNZOTL	8030-00-244-1299
BDNBW	NCKORODE 731	LION OIL CO	8030-00-244-1299
BDNBX	MIL-C-16173,PIGMENTED CORROS INHIB COMPD,GR1	ABLESTIK LABORATORIES	8030-00-244-1300
BDNBY	NCKORODE 731	ASHLAND OIL INC	8030-00-244-1300
BDNBZ	CORTEC VCI-368	THE CORTEC CORPORATION	8030-00-244-1300
BDNCB	PETROTECT IX,MIL-C-6173,GRADE 1	PENRECO DIVISION, PENNZOTL	8030-00-244-1300
BDNCC	NCKORODE 731	LION OIL CO	8030-00-244-1300
BDNCD	NITROGEN	BIG THREE INDUSTRIES	6830-00-244-2741

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MSDS	TRADE NAME	MANUFACTURER	NSN
	BDPCX O-F-506C,FLUX,SOLDRNG;PASTE & LIQ.,TY1,F-A	BURNLEY BATTERY & MFG (INDUST WEL SUP)	3439-00-255-4566
	BDPCY LA-CO REGULAR FLUX PASTE	WELDING SUPPLY & SERVICE CO(DIST),LAKE CHEM(MFR).	3439-00-255-4566
	BDPCZ ALLEN P-100 (FORMALLY DUTCH BOY #320)	L.B. ALLEN COMPANY, INC.	3439-00-255-4566
	JPDB 18300 MARCO SOLDERING FLUX	MARSHALL-SWARTCHILD CO	3439-00-255-4567
	BDPDS MIL-F-16136,FLUXE,WELDING	L.B. ALLEN COMPANY, INC.	3439-00-255-4577
	BDPDT SUPERIOR NO. 12	SUPERIOR FLUX & MFG COMPANY	3439-00-255-4577
	BDPDV MIL-F-16136B,FLUXES,WELDING	SUPERIOR FLUX & MFG COMPANY	3439-00-255-4580
	BDPFT STEAM POWER 437	MAGNAFLUX SURFACE CONDITIONERS INC.	6850-00-256-0157
	BDPFV C-1440 ALKALINE POWDERED STEAM CLEANER.	DUBOIS CHEMICALS,DIV. OF CHEMED CORP.	6850-00-256-0157
	BDPJK G351 VERSILUBE	GENERAL ELECTRIC CO., SILICONE PRODUCTS DIVISION	9150-00-257-5358
	BDPJL MOLYKOTE(R) 44GREASE-ALL GRADES	DOW CORNING	9150-00-257-5358
	BDPJM 950 SEALANT (BULK GRADE)	ROCKWELL INTERNATIONAL	9150-00-257-5360
	BDPJN 16125	SOUTHWEST PETRO-CHEM, INC	9150-00-257-5360
	BDPJP VVG-671E-1 LUBRICATING GREASE	SULFLO,INC.	9150-00-257-5370
	BDPJD GREASE GRAPHITE	NONFLUID OIL CORPORATION	9150-00-257-5370
	BDPKL ROYCO 885A	ROYAL LUBRICANTS COMPANY,INC.	9150-00-257-5449
	BDPKM ANDEROL 401D SYNTHETIC INSTRUMENT OIL	NUDEX INC	9150-00-257-5449
	BDPKN MIL-L-6085B;LUBRICATING OIL	OCTAGON PROCESS INC.	9150-00-257-5449
	BDPKP MIL-L-6085B,LUBRICATING OIL,INSTRUMENT ACRF	AMERICAN WRITING INK CO., INC.	9150-00-257-5449
	BDPMY ISOPROPYL ALCOHOL	POLYSCIENCES, INC.	6505-00-261-7256
	BDPMZ ISOPROPYL ALCOHOL, RUBBING	CUMBERLAND MFG CO	6505-00-261-7256
	BDPNB TR.BENZOIN COMPOUND	MEER CORP.	6505-00-261-7257
	BDPNC TR.BENZOIN COMPOUND	MEER CORP.	6505-00-261-7257
	BDPND BENZOIN TINCTURE,COMPOUND,USP	BOUGHT ACCORDING TO SPECIFICATION	6505-00-261-7257
	BDPNX PENETRATING OIL	OMNITECH INTERNATIONAL INC.	9150-00-261-7899
	BDPNY PENETRATING OIL (VVP-216-C)	GUARDSMAN PROD./DRI-SLIDE DIV.	9150-00-261-7899
	BDPNZ PENETRATING OIL	BULK CHEMICALS DISTRIBUTORS, INCORPORATED	9150-00-261-7899
	BDPPB PENETRATING OIL	NATIONWIDE INDUSTRIES	9150-00-261-7899
	BDPPC PENETRATING OIL	NATIONWIDE INDUSTRIES	9150-00-261-7899
	BDPPD PENETRATING OIL 597D (VV-P-216B TYPE I)	NATIONWIDE INDUSTRIES	9150-00-261-7899
	BDPPF VV-P-216	CLASSIC CHEM CO	9150-00-261-7899
	BDPPG LIQUID WRENCH	RADIATOR SPECIALTY COMPANY	9150-00-261-7899
	BDPPH SOLDER SEAL LIQUID WRENCH NO.1 (POUR)#L1-16	RADIATOR SPECIALTY COMPANY	9150-00-261-7899
	BDPPJ PENETRATING OIL, VV-P-216, TYPE I	OCTAGON PROCESS INC.	9150-00-261-7899
	BDPPK VV-P-216,TYPE I	BRAY OIL COMPANY,INC	9150-00-261-7899
	BDPPN VV-C-846A TYPE I;LUBRICATING OIL	SULFLO,INC.	9150-00-261-8144
	BDPPP CUTTING FLUID VV-C-846A, TYPE I	VINELAND WAX SPECIALTIES,INC.	9150-00-261-8144
	BDPPQ VV-C-846 TYI	OCTAGON PROCESS INC.	9150-00-261-8144
	BDPPR MOLD RELEASE OIL #100	WOLF'S HEAD OIL REFINING CORP.	9150-00-261-8146
	BDPPS VV-L-820C;LUBRICATING OIL	AMERICAN WRITING INK CO., INC.	9150-00-261-8146
	BDPPT MIL-G-6032,GREASE,PLUG VALVE,CL A	SOUTHWEST PETRO-CHEM, INC	9150-00-261-8287
	BDPPV ROCKWELL 950 SEALANT (STICK GRADE)	ROCKWELL INTERNATIONAL,MEASURMENT & FLOW CNTRL DIV	9150-00-261-8287
	BDPPW 105 SEALANT	ACF INDUSTRIES, INC. W-K-M DIVISION	9150-00-261-8287
	BDPGN ROCKWELL 421 SEALANT (STICK GRADE)	ROCKWELL INTERNATIONAL,MEASURMENT & FLOW CNTRL DIV	9150-00-261-8294
	BDPQV MIL-F-17111A (OS) (B-564)	ROYAL LUBRICANTS COMPANY,INC.	9150-00-261-8317
	BDPQW ROYCO 717	ROYAL LUBRICANTS COMPANY,INC.	9150-00-261-8317
	BDPQX BRACO 717	BURMAH-CASTROL INC-BRAY PRODUCTS DIV.	9150-00-261-8317
	BDPQY PETROFLUID 171	PENRECO DIVISION, PENNZOTL	9150-00-261-8317
	BDPQZ BRAYCO 717	BURMAH-CASTROL INC-BRAY PRODUCTS DIV.	9150-00-261-8318
	BDPRB PETROFLUID 171,CODE 4139	PENRECO DIVISION, PENNZOTL	9150-00-261-8318
	BDPWR HOBART 335A	HOBART BROTHERS COMPANY	3439-00-262-2652
	BDPWS 6011 (WELDING ROD)	TELEDYNE MC KAY	3439-00-262-2652
	BDPWV HOBART 335A	HOBART BROTHERS COMPANY	3439-00-262-2654
	BDPWW TYPE 6011 ELECTRODE	AIRCO WELDING PRODUCTS	3439-00-262-2654
	BDPYL SILVALDY 50	ENGEHARD CORPORATION	3439-00-262-4188
	BDPYM STAY SILV 50N, DISCONTINUED, SEE P/N B.	J.W. HARRIS CO.INC	3439-00-262-4191

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MSDS	TRADE NAME	MANUFACTURER	NSN	PAGE
BDPYN	SAFETY SILV 50N (OR SAFETY SILV 1305)	J.W. HARRIS CO. INC	3439-00-262-416	
BDPYP	EASY FLO 3 AWS SPEC. A5.8, BAG-3	HANDY & HARMAN	3439-00-262-416	
BDPZV	ALOX 2028 CM	ALOX CORP	8030-00-262-7358	
BDQDJ	N-1051 MM-A-1617 TYPE 2	ASHLAND OIL INC	8040-00-262-9005	
BDQDK	N-1051 NEOPRENE ADHESIVE, MM-A-1617, TYPE 2	STANSON DETERGENTS, INC.	8040-00-262-9005	
BDQDL	EC-711	3M COMPANY	8040-00-262-9005	
BDQDM	N-1051 MM-A-1617 TYPE 2	BOUGHT ACCORDING TO SPEC	8040-00-262-9005	
BDQDY	R-1053	SHORE CHEMICAL	8040-00-262-9005	
BDQDZ	R-1053, MODIFIED STYRENE-BUTADIENE RUBBER	STANSON DETERGENTS, INC.	8040-00-262-9005	
BDQFB	NEOPHRENE ADHESIVE	SHORE CHEM CO	8040-00-262-9025	
BDQFC	R-1053	SHORE CHEMICAL	8040-00-262-9025	
BDQFD	ROYAL M6314; RUBBER BASE ADHESIVE; TYPE I	UNIROYAL, INC., ADHESIVES & COATINGS DEPARTMENT	8040-00-262-9025	
BDQFF	R-1053	SHORE CHEMICAL	8040-00-262-9025	
BDQFG	AR-1053	SHORE CHEMICAL	8040-00-262-9028	
BDQFH	R-1053	ASHLAND OIL INC	8040-00-262-9028	
BDQFJ	R-1053	SHORE CHEMICAL	8040-00-262-9028	
BDQFK	R-1053	ASHLAND OIL INC	8040-00-262-9031	
BDQGR	ROYCO 363B	ROYAL LUBRICANTS COMPANY, INC.	9150-00-263-3466	
BDQGS	BRAYCO 363	BURMAH-CASTROL INC-BRAY PRODUCTS DIV.	9150-00-263-3466	
BDQGT	MIL-L-7870A: LUBRICATING OILS	OCTAGON PROCESS INC.	9150-00-263-3490	
BDQHN	10-5802 VINYLITE CEMENT	GC ELECTRONICS	8030-00-264-2063	
BDQJW	MUTUALCHROMIC ACID(CHROMIC ANHYDRIDE)	ALLIED CORPORATION CHEMICAL SECTOR	6810-00-264-3937	
BDQJX	O-C-303, CHROMIUM TRIOXIDE, TECHNICAL	ESSEX CHEMICAL CORPORATION	6810-00-264-3937	
BDQJY	CHROMIUM TRIOXIDE, TECHNICAL	MALLINCKRODT INC., SCIENCE PRODUCTS DIVISION	6810-00-264-3939	
BDQJZ	CHROMIUM TRIOXIDE (O-C-303C)	OCTAGON PROCESS INC.	6810-00-264-3939	
BDQKB	CHROMIC ACID, CHROMIC ANHYDRIDE	DIAMOND SHAMROCK CORP/LAS COLINAS, TX 75061	6810-00-264-3939	
BDQLH	GENETRON 12	ALLIED CORPORATION CHEMICAL SECTOR	6830-00-264-5913	
BDQLJ	FREON(R) 12	E. I. DUPONT DE NEMOURS & CO., INC.	6830-00-264-5913	
BDQLQ	PURE 190 PROOF ETHYL ALCOHOL	KAAPER ALCOHOL & CHEMICAL CO.	6810-00-264-6507	
BDQLR	ETHYL ALCOHOL U.S.P.	PHARMCO PRODUCTS, INC.	6810-00-264-6507	
BDQLS	ETHANOL, 200 PROOF	DECAL CHEM CORP	6810-00-264-6507	
BDQLT	O-C-265	U.S. INDUSTRIAL CHEMICAL CO.	6810-00-264-6507	
BDQLZ	CHROMIC ACID-TECHNICAL FLAKE OR GROUND	OCCIDENTAL CHEMICAL CORP.	6810-00-264-6507	
BDQMB	O-C-303, CHROMIUM TRIOXIDE, TECHNICAL	CHEMICAL COMPOUNDING CORPORATION	6810-00-264-6517	
BDQMC	O-C-303, CHROMIUM TRIOXIDE TECHNICAL	ALLIED CORPORATION CHEMICAL SECTOR	6810-00-264-6517	
BDQMD	O-C-303, CHROMIUM TRIOXIDE, TECHNICAL	E. I. DUPONT (PPG INDUST, UNION CARBIDE DOW CHEM)	6810-00-264-6517	
BDQMF	O-C-303, CHROMIUM TRIOXIDE, TECHNICAL	ESSEX CHEMICAL CORPORATION	6810-00-264-6517	
BDQMG	CHROMIUM TRIOXIDE	MALLINCKRODT INC., SCIENCE PRODUCTS DIVISION	6810-00-264-6517	
BDQMh	O-C-303, CHROMIUM TRIOXIDE, TECHNICAL	OCTAGON PROCESS INC.	6810-00-264-6517	
BDQMj	O-C-303, CHROMIUM TRIOXIDE, TECHNICAL	DIAMOND SHAMROCK (MFR.) CONTINENTAL CHEM. CORP (DIST)	6810-00-264-6517	
BDQMK	CHROMIC ACID	UNIVAR CORP VAN WATERS AND ROGERS INC.	6810-00-264-6517	
BDQMN	POTASSIUM BICHROMATE (CRYSTALS) #M1245	OCCIDENTAL CHEMICAL CORP.	6810-00-264-6517	
BDQMP	POTASSIUM DICHROMATE TECH 100#	ASHLAND CHEMICAL CO	6810-00-264-6525	
BDQMQ	POTASSIUM BICHROMATE	CHEMICAL COMMODITIES (DIST), ALLIED CHEMICAL (MFR)	6810-00-264-6525	
BDQMR	O-P-559, POTASSIUM DICHROMATE, TECH. GRADE	CHEMICAL COMMODITIES AGENCY	6810-00-264-6525	
BDQNM	GLYCERIN 99.5% USP	ASHLAND CHEMICAL CO	6810-00-264-6548	
BDQNN	GLYCEROL	MALLINCKRODT INC., SCIENCE PRODUCTS DIVISION	6810-00-264-6548	
BDQNP	GLYCEROL	OCTAGON PROCESS INC.	6810-00-264-6548	
BDQNV	EAGLE GEL (MIL-D-3464, TYPE 1)	EAGLE CHEMICAL CO., INC	6850-00-264-6548	
BDQNW	DESI PAK	UNITED DESICCANTS INC.	6850-00-264-6548	
BDQNX	FILTROL GRADE	FILTROL CORPORATION	6850-00-264-6548	
BDQNY	FILTROL (CLAY PRODUCTS) GRADE	FILTROL CLAY PRODUCTS, HARSHAW/FILTROL PARTNERSHIP	6850-00-264-6548	
BDQNZ	FILTROL CLAY PRODUCTS-GRADE DESSICITE 25	KAISER ALUMINUM & CHEMICAL CORP.	6850-00-264-6548	
BDQPP	PROTEK-SGRB SILICA GEL	W R GRACE & CO - DAVIDSON CHEM DIV	6850-00-264-6568	
BDQPQ	EAGLE GEL (MIL-D-3464, TYPE 1)	EAGLE CHEMICAL CO., INC	6850-00-264-6568	
BDQPR	HUMISF3 (MONTMORILLONITE)	CULLIGAN, U.S.A.	6850-00-264-6568	

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MSDS	TRADE NAME	MANUFACTURER	NSN
	BDQPS DESI PAK	UNITED DESICCANTS INC.	6850-00-264-6568
	BDQPT FILTROL CLAY PRODUCT	FILTROL CLAY PRODUCTS,HARSHAW/FILTROL PARTNERSHIP	6850-00-264-6568
	BDQPV EAGLE GEL (MIL-D-3464,TYPE 1)	EAGLE CHEMICAL CO.,INC	6850-00-264-6571
	?W HUMPSORB (MONTMORILLONITE).	CULLIGAN, U.S.A.	6850-00-264-6571
	BDQPX FILTROL CLAY PRODUCT DESICCITE 25	FILTROL CLAY PRODUCTS,HARSHAW/FILTROL PARTNERSHIP	6850-00-264-6571
	BDQPY EAGLE GEL (MIL-D-3464,TYPE 1)	EAGLE CHEMICAL CO.,INC	6850-00-264-6572
	BDQPZ DESI PAK	UNITED DESICCANTS INC.	6850-00-264-6572
	BDQQB FILITROL DESICCITE NO .25	FLITROL CORPORATION	6850-00-264-6572
	BDQQC FILTROL (CLAY PRODUCTS) GRADE	FILTROL CLAY PRODUCTS,HARSHAW/FILTROL PARTNERSHIP	6850-00-264-6572
	BDQQD PACKAGING ADSORBENTS	W R GRACE & CO - DAVISON CHEM DIV	6850-00-264-6573
	BDQQE EAGLE GEL (MIL-D-3464,TYPE 1)	EAGLE CHEMICAL CO.,INC	6850-00-264-6573
	BDQQG HUMISORB (MONTMORILLONITE)	CULLIGAN, U.S.A.	6850-00-264-6573
	BDQQH FILTROL CLAY PRODUCTS-DESICCANT,GRADE 25	FLITROL CORPORATION	6850-00-264-6573
	BDQQJ FILTROL CLAY PRODUCT DESICCITE 25#00008.	FILTROL CLAY PRODUCTS,HARSHAW/FILTROL PARTNERSHIP	6850-00-264-6573
	BDQK FILTRON CLAY PRODUCTS-GRADE DESSICITE #25	KAISER ALUMINUM & CHEMICAL CORP.	6850-00-264-6573
	BDQQL EAGLE GEL (MIL-D-3464,TYPE 1)	EAGLE CHEMICAL CO.,INC	6850-00-264-6574
	BDQQM HUMISORB (MONTMORILLONITE)	CULLIGAN, U.S.A.	6850-00-264-6574
	BDQMN DESI PAK	UNITED DESICCANTS INC.	6850-00-264-6574
	BDQMP FILTROL DESICCITE NO. 25	FLITROL CORPORATION	6850-00-264-6574
	BDQQO FILTROL (CLAY PRODUCTS) GRADE	FILTROL CLAY PRODUCTS,HARSHAW/FILTROL PARTNERSHIP	6850-00-264-6574
	BDQRL SODIUM PHOSPHATE,DIBASIC (ACS)	FISHER SCIENTIFIC CO	6810-00-264-6594
	BDQRM SODIUM PHOSPHATE,DIBASIC	SPECTRUM CHEMICAL MFG CORP	6810-00-264-6594
	BDQRN SODIUM PHOSPHATE, DIBASIC	J.T.BAKER CO.(CHEM COMMODITIES-DIST)	6810-00-264-6594
	BDQSN AMMONIUM MOLYBDATE, CAT #3420	MALLINCKRODT INC.,SCIENCE PRODUCTS DIVISION	6810-00-264-6611
	BDQSP AMMONIUM MOLYBDATE,4-HYDRATE	J.T.BAKER CO.(CHEM COMMODITIES-DIST)	6810-00-264-6611
	BDQSQ SODIUM BICARBONATE	RIVERSIDE PRODUCTS CORPORATIONS	6810-00-264-6618
	BDQSR SODIUM BICARBONATE	FISHER SCIENTIFIC CO	6810-00-264-6618
	BDQSS BAKING SODA, SODIUM ACID CARBONATE	ALLIED CORPORATION CHEMICAL SECTOR	6810-00-264-6618
	BDQST SODIUM BICARBONATE, BAKING SODA, SX0325	MCB REAGENTS, DIVISION OF E M SCIENCE	6810-00-264-6618
	V D-3-576,SODIUM BICARBONATE,TECH.	CHEMICAL COMMODITIES AGENCY	6810-00-264-6618
	BDQSW D-3-576,SODIUM BIACRBONATE,TECH.	OCTAGON PROCESS INC.	6810-00-264-6618
	BDQSX SODIUM BICARBONATE	CHURCH & DWIGHT CO,INC	6810-00-264-6618
	BDQTL SODIUM PHOSPHATE, DIBASIC, ANHYDROUS	CONTINENTAL CHEMICAL CORP.	6810-00-264-6630
	BDQTM DSP-A (DISODIUM PHOSPHATE,ANHYDROUS)	GLIN CORPORATION	6810-00-264-6630
	BDQTN D-3-639,SODIUM PHOSPHATE,DIBASIC,ANHYDROUS	CHEMICAL COMMODITIES AGENCY	6810-00-264-6630
	BDQTP DSP,DISODIUM PHOSPHATE	ENVIRONMENTAL AND CHEMICAL SERVICES	6810-00-264-6630
	BDQTE SODIUM PHOSPHATE,DIBASIC,ANHYDROUS	J.T.BAKER CO.(CHEM COMMODITIES-DIST)	6810-00-264-6630
	BDQTR D-3-639B;DISODIUM PHOSPHATE	OCTAGON PROCESS INC.	6810-00-264-6630
	BDQTS DISODIUM HYDROGEN PHOSPHATE,DSP	FMC CORPORATION	6810-00-264-6630
	BDQVS SODIUM CHROMATE	ALLIED CORPORATION CHEMICAL SECTOR	6810-00-264-6714
	BDQVT SODIUM CHROMATE, ANHYDROUS,TECHNICAL	CHEMICAL COMMODITIES AGENCY	6810-00-264-6714
	BDQVW D-3-588B (SODIUM CHROMATE)	OCTAGON PROCESS INC.	6810-00-264-6714
	BDQVX MOLYSULFIDE	CLIMAX MOLYBDENUM CO;A DIV OF AMAX INC.	6810-00-264-6715
	BDQVY ELECTRO-MOLY POWDER,GRADE 1	ELECTROFILM INC	6810-00-264-6715
	BDQWB PHOSPHORIC ACID	HF SCIENTIFIC,INC	6810-00-264-6722
	BDQWC PHOSPHORIC ACID	MONSANTO COMPANY	6810-00-264-6722
	BDQWD PHOSPHORIC ACID;ORTHOPHOSPHORIC ACID,TECHNL	OCTAGON PROCESS INC.	6810-00-264-6722
	BDQWF ORTHOPHOSPHORIC ACID	VAN WATER & ROGERS	6810-00-264-6722
	BDQWG ORTHOPHOSPHORIC ACID, TECHNICAL	STAUFFER CHEM.(CHEM COMMODITIES-DIST)	6810-00-264-6722
	BDQWL 38-A-106	AIR PRODUCTS AND CHEMICALS,INC.	6830-00-264-6751
	BDQWM 38-A-106B,ACETYLENE	AIRCO WELDING PRDS - CERTIFIED TESTING CORP, DIST	6830-00-264-6751
	BDQWN ACETYLENE	UNION CARBIDE CORP	6830-00-264-6751
	BDQWP 38-A-106	ARCET EQUIP CO.-INDUSTRIAL GAS DIVISION	6830-00-264-6751
	BDQWQ ACETYLENE,TECHNICAL	LIQUID CARBONIC;(DISTRBTR:VALLEY OXYGEN CO.)	6830-00-264-6751
	R ACETYLENE	CHEMICAL COMMODITIES (DIST),UNION CARBIDE (MFR).	6830-00-264-6752
	S ACETYLENE	ROHM AND HAAS CO	6830-00-264-6752

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MSDS	TRADE NAME	MANUFACTURER	NSN
BDRDP	NAPHTHA,ALIPHATIC	CSD,INC	6810-00-265-066A
BDRDQ	CHARTERSOL 210-66	CHARTER CHEMICALS/CHARTER INTERNATIONAL OIL CO.	6810-00-265-066
BDRDR	TT-N-95,TYPE II	GEO.SENN,DIV.GLOBE SOLVENTS(PHIPPS PRODUCTS CORP)	6810-00-265-066
BDRFF	C-0-376A, REFINED FATTY GLYCERIDES	MAYCO OIL & CHEMICAL CO	9150-00-265-066
BDRFJ	BRAYCO MICRONIC 756F (MIL-H-5606)	BURMAN-CASTROL INC-BRAY PRODUCTS DIV.	9150-00-265-940
BDRFL	MIL-H-5605E(HYDRAULIC FLUID,PETRO-BASE)	LUBRICATING SPECIALTIES COMPANY	9150-00-265-940B
BDRFM	MIL-H-5605E (1)QA, HYDRAULIC FLUID.	PENRECO DIVISION, PENNZOIL	9150-00-265-940P
BDRFP	ROYCO 586L;LUBRICATING OIL	AMERICAN OIL SUPPLY COMPANY	9150-00-265-940B
BDRFB	METAL POLISH 7136	ROYAL LUBRICANTS COMPANY,INC.	9150-00-265-9417
BDRFK	N-1005	PROCESS RESEARCH PRODUCTS	7930-00-266-713
BDRFL	N-1005	SHORE CHEMICAL	8040-00-266-742
BDRHN	146 4932,DK-50 DEVELOPER, PART A	ASHLAND OIL INC	8040-00-266-7427
BDRHP	146 4932,DK-50 DEVELOPER, PART B	EASTMAN KODAK CO.	6750-00-266-7627
BDRHT	146 4569,DEVELOPER D-11	EASTMAN KODAK CO.	6750-00-266-762
BDRJL	WAX, AIRCRAFT	EASTMAN KODAK CO.	6750-00-266-7635
BDRJM	CONCORD 1600	CONCORD CHEM, INC	7930-00-267-558B
BDRMH	SF96-100	CONCORD CHEMICAL CO, INC	7930-00-267-558
BDRMJ	SILICONE FLUID ST-22(100)	GENERAL ELECTRIC CO., SILICONE PRODUCTS DIVISION	9150-00-269-824B
BDRMK	VV-D-1078B,DAMPING FLUID,SILICONE BASE	SIL-TECH CORPORATION	9150-00-269-824B
BDRML	DOW CORNING 200-FLUID, 100 CSTK	BULK CHEMICALS DISTRIBUTORS, INCORPORATED	9150-00-269-824
BDRMM	DOW CORNING 200 FLUID, 50 CSTK	DOW CORNING	9150-00-269-824
BDRMN	VV-D-1078B; DAMPING FLUID	DOW CORNING	9150-00-269-8246
BDRMP	SILICONE FLUID SWS-101	NONFLUID OIL CORPORATION	9150-00-269-8247
BDRMS	ROYCO 43	GEO.SENN,DIV.GLOBE SOLVENTS(PHIPPS PRODUCTS CORP)	9150-00-269-824
BDRMT	MOLYKOTE 55M GREASE	ROYAL LUBRICANTS COMPANY,INC.	9150-00-269-8255
BDRMV	COSMOLUBE 615	DOW CORNING	9150-00-269-8255
BDRMW	AEROSHELL GREASE 6	E.F. HOUGHTON & COMPANY	9150-00-269-825
BDRND	AA STANDARD CASTOR OIL	SHELL OIL COMPANY	9150-00-269-8257
BDRNF	CASTOR OIL #1	CASHEM,INC.	9150-00-270-0047
BDRNG	JJJ-C-86A ,CASTOR OIL	UNITED CATALYSTS INC.(MFR)PHIPPS PRODUCTS (DISTR)	9150-00-270-0047
BDRNK	ENTERPRISE 1000;LUBRICATING OIL WATCH	OCTAGON PROCESS INC.	9150-00-270-0047
BDRPX	SODIUM NITRITE	J. C. ENTERPRISES, INCORPORATED	9150-00-270-0063
BDRPY	SODIUM NITRITE	E.I. DUPONT (PPG INDUST,UNION CARBIDE DOW CHEM)	6810-00-270-325A
BDRPZ	SODIUM NITRITE,ACS	CONTINENTAL CHEMICAL CORP.	6810-00-270-325
BDRQB	NITROUS ACID,SODIUM SALT	CHEMICAL COMMODITIES AGENCY	6810-00-270-325A
BDRQC	O-C-265 CHEMICAL ANALYTICAL, GEN. SPEC. FOR	POLY RESEARCH CORP	6810-00-270-325A
BDRRD	SAL-GEL WATER INDICATING PASTE	CITY CHEMICAL CORPORATION	6810-00-270-325
BDRRF	KOLOR KUT GASOLINE GUAGING PASTE	ARCO CHEMICAL COMPANY	6850-00-270-552
BDRRG	68-847	KOLOR KUT PRODUCTS CO.	6850-00-270-5526
BDRSY	SODIUM HYDROXIDE,FLAKE/PELLET	AMERICAN CHEM CORP, BECKMAN INSTR DIST	6850-00-270-5527
BDRSZ	CAUSTICK SODA, ANHYD	ALLIED CORPORATION CHEMICAL SECTOR	6810-00-270-817
BDRTB	SODIUM HYDROXIDE	CONTINENTAL CHEMICAL CORP.	6810-00-270-8177
BDRVF	L&R #3 WATCH RINSING SOLUTION	J.T.BAKER CO.(CHEM COMMODITIES-DIST)	6810-00-270-8177
BDRVG	RINSING SOLUTION,WATCH	L & R MANUFACTURING COMPANY	6850-00-270-997
BDRVH	OCTAGON WATCH RINSING SOLUTION	CHEMICAL COMMODITIES AGENCY	6850-00-270-997
BDRVJ	RINSING SOLUTION,WATCH	OCTAGON PROCESS INC.	6850-00-270-9971
BDRVK	RINSING SOLUTION WATCH	GEO.SENN,DIV.GLOBE SOLVENTS(PHIPPS PRODUCTS CORP)	6850-00-270-997
BDRVL	NITRIC ACID,N/1	GEORGE SENN COMPANY,DIV. OF GLOBE SOLVENTS	6850-00-270-997
BDRVM	NITRIC ACID 1.0 N VOLUMETRIC SOLUTION	POLYSCIENCES, INC.	6810-00-270-9978
BDRVN	NITRIC ACID SOLUTION	MALLINCKRODT INC.,SCIENCE PRODUCTS DIVISION	6810-00-270-997
BDRVP	NITRIC ACID SOLUTION (7 WT%)	SPECTRUM CHEMICAL MFG CORP	6810-00-270-997
BDRVQ	MIL-W-15000,WATER-TESTING CHEM. BOILER	POLY RESEARCH CORP	6810-00-270-9978
BDRWB	GLOBULAR SODIUM BISULFATE	THREE BOND OF AMERICA INC	6810-00-270-978
		E.I. DUPONT (PPG INDUST,UNION CARBIDE DOW CHEM)	6810-00-270-978

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MSDS	TRADE NAME	MANUFACTURER	NSN
	BDRWC SODIUM BISULFATE	TRI SENTRY CHEMICAL(DISTRBTR);HOEST (MFR).	6810-00-270-9984
	BDRWD SODIUM BISULFATE,NITRE CAKE	OCTAGON PROCESS INC.	6810-00-270-9984
	BDRWF SODIUM BISULFITE,ANHYDROUS	VIRGINIA CHEMICALS,INC.	6810-00-270-9984
	BDRXH VVG-671E-1 LUBRICATING GREASE	SULFLO,INC.	9150-00-272-7652
	BDRXJ VV-6-671 GRADE 1	NONFLUID OIL CORP	9150-00-272-7652
	BDRXK VV-6-671E,GREASE GRAPHITE,GRADE 1	NONFLUID OIL CORPORATION	9150-00-272-7652
	BDRXL MIL-C-18487A	OCTAGON PROCESS INC.	8030-00-272-8530
	BDRYV V-V-6-632A,GENERAL PUPOSE GRADE 2-MED	SULFLO,INC.	9150-00-273-2374
	BDRYW SHELL LCC GREASE 2	SHELL OIL COMPANY	9150-00-273-2374
	BDRYX GREASE,GENERAL PURPOSE	SOUTHWEST PETRO-CHEM, INC	9150-00-273-2374
	BDRZS ROYCO 308A	ROYAL LUBRICANTS COMPANY,INC.	9150-00-273-2389
	BDRZT BRAYCO 300 (LUBE OIL)	BURMAH-CASTROL INC-BRAY PRODUCTS DIV.	9150-00-273-2389
	BDRZV HC-433, VV-L-800A	HANOVER PROCESSING COMPANY	9150-00-273-2389
	BDRZW LUBRICATING OIL,GENERAL PURPOSE PRESERVATIV	OCTAGON PROCESS INC.	9150-00-273-2389
	BDRZX PETROTECT 4072C	PENRECO DIVISION, PENNZOTL	9150-00-273-2389
	BDRZY TECTYL 900	ASHLAND PETROLEUM COMPANY(VDR-PHIPPS PROD CORP)	9150-00-273-2389
	BDRZZ VV-L-800C (LUBRICATING OIL)	AMERICAN OIL SUPPLY COMPANY	9150-00-273-2389
	BDSBC ROYCO 363B	ROYAL LUBRICANTS COMPANY,INC.	9150-00-273-2397
	BDSBD BRAYCO 363	BURMAH-CASTROL INC-BRAY PRODUCTS DIV.	9150-00-273-2397
	BDSBF MIL-L-7870A;LUBRICATING OIL	OCTAGON PROCESS INC.	9150-00-273-2397
	BDSBK SUPER X OIL, TY II	KINNEY VACUUM CO.	9150-00-273-8663
	BDSBL MIL-L-83767B;LUBRICATING OIL;TYPE II	DAVIS-HOWLAND OIL CORP	9150-00-273-8663
	BDSBM INLAND 43	INLAND VACUUM INDUSTRIES	9150-00-273-8663
	BDSBN VACUUM PUMP LUBRICATING OIL	CONVOY OIL CORP	9150-00-273-8663
	BDSBP 1407K DUOSEAL VACUUM PUMP OIL TY II	SARGENT-WELCH SCIENTIFIC CO	9150-00-273-8663
	BDSCF LAGGING ADHESIVE 50-2009A	ESSEX CHEMICAL CORP	8040-00-273-8707
	BDSCH MI 102 PERM-SURE COATING	THREE BOND OF AMERICA INC	8040-00-273-8707
	BDSCH FULLER*S 2717	H.B. FULLER COMPANY	8040-00-273-8707
	BDSCH 713 WHITE	VIMASCO CORPORATION	8040-00-273-8708
	BDSCH A-1082-B	BF GOODRICH GEN. PRO. CO./AKRON, OH	8040-00-273-8716
	BDSCH E-1293-B	ASHLAND OIL INC	8040-00-273-8716
	BDSCT SCOTCHGRIP CONTACT CEMENT EC-2210	3M COMPANY	8040-00-273-8716
	BDSCHV MMM-A-121	BOUGHT ACCORDING TO SPEC	8040-00-273-8716
	BDSCHW SCOTCHGRIP 1357 ADHESIVE (H1 PERF CONTACT)	3M COMPANY	8040-00-273-8717
	BDSCHX SCOTCHGRIP 1300 ADHESIVE (NEW FORMULA)	3M COMPANY	8040-00-273-8717
	BDSCHY MMM-A-121	ASHLAND OIL INC	8040-00-273-8717
	BDSCHZ SCOTCHGRIP CONTACT CEMENT EC-2210	3M COMPANY	8040-00-273-8717
	BDSCHB MMM-A-121	BOUGHT ACCORDING TO SPEC	8040-00-273-8717
	BSDSC SOLVENT BASED PRODUCT, SC-0846	H.B. FULLER COMPANY	8040-00-273-8717
	BDSFJ KERR MAC 140	KERR-MCGEE CHEMICAL CO	6850-00-274-5421
	BDSFK DRY CLEANING SOLVENT TYPE II	CSD,INC	6850-00-274-5421
	BDFEL 140 SOLVENT (NAPHTHA)	OKLAHOMA REFINING CO.	6850-00-274-5421
	BDSFM SOLVENT 140-66	ASHLAND CHEMICAL CO	6850-00-274-5421
	BDSFN 140 FLASH NAPHTHA	TRIANGLE REFINERIES,INC.	6850-00-274-5421
	BDSFP P-D-680, TY II	MAGNAFLUX SURFACE CONDITIONERS INC.	6850-00-274-5421
	BDSFQ CHARTERSOL 356	CHARTER CHEMICALS/CHARTER INTERNATIONAL OIL CO.	6850-00-274-5421
	BDSFR CHEVRON THINNER 4108	CHEVRON U.S.A.	6850-00-274-5421
	BDSFS DRY CLEANING SOLVENT,P-D-680	OCTAGON PROCESS INC.	6850-00-274-5421
	BDSFT SHELL SOL 140 (DRY CLG SOLV,TYPE 2)	SHELL CHEMICAL CO A DIV OF SHELL OIL CO.	6850-00-274-5421
	BDSFV 140 FLASH NAPHTHA	NICHEL & PELTON COMPANY	6850-00-274-5421
	BDSFW NAPHTHOL SPIRITS 66/3 (DR AMSCO SOLV 1103)	AMSCO DIV, UNION OIL CO OF CALIFORNIA	6850-00-274-5421
	BDFFX AMSCO SOLV 1106 * 140 SOLVENT 66/3 * 11106	AMSCO DIV, UNION OIL CO OF CALIFORNIA	6850-00-274-5421
	BDSNP EDP 7005	MALCO PRODUCTS INC.	7930-00-281-1839
	BDSNW ACETONE	ALLIED CORPORATION CHEMICAL SECTOR	6810-00-281-1864
	BDSNX ACETONE	ASHLAND CHEMICAL CO	6810-00-281-1864
	BDSNY ACETONE	MALLINCKRODT INC.,SCIENCE PRODUCTS DIVISION	6810-00-281-1864

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MSDS	TRADE NAME	MANUFACTURER	NSN
BDSNZ	PRODUCT--00830ED ACETONE	EXXON CHEMICAL AMERICAS A DIV.OF EXXON CHEMICAL CO	6810-00-281-1864
BDSPB	D-A-51,ACETONE,TECHNICAL	GEO.SENN,DIV.GLOBE SOLVENTS(PHIPPS PRODUCTS CORP)	6810-00-281-186
BDSPC	AMSCO SOLV 5450	AMSCO DIV, UNION OIL CO OF CALIFORNIA	6810-00-281-186
BDSFF	R-1053,MODIFIED STYRENE-BUTADIENE RUBBER	STANSON DETERGENTS, INC.	8040-00-27772
BDSFY	TOLUENE,TECHNICAL	CSD,INC.	6810-00-281-200
BDSPZ	TOLUENE	EXXON COMPANY,U.S.A.	6810-00-281-200
BDSQB	TOLUENE	ASHLAND CHEMICAL CO	6810-00-281-2002
BDSQC	SHELL TOLUENE	SHELL OIL COMPANY	6810-00-281-2002
BDSQD	TOLUENE	SUN PETROLEUM PRODUCTS	6810-00-281-200
BDSQ6	CITRIC ACID,MONOHYDRATE,ACS	POLYSCIENCES, INC.	6810-00-281-201
BDSQH	CITRIC ACID	MALLINCKRODT INC.,SCIENCE PRODUCTS DIVISION	6810-00-281-2014
BDSQJ	2-HYDROXY-1,2,3-PROPANETRICARBOXYLIC ACID	SPECTRUM CHEMICAL MFG CORP	6810-00-281-201
BDSQK	CITRIC ACID	J.T.BAKER CO.(CHEM COMMODITIES-DIST)	6810-00-281-201
BDSQL	HYDROUS CITRIC ACID,USP,FCC	-PFIZEER INC	6810-00-281-2014
BDSRV	OIL STAIN WOOD,INTERIOR	SPE-DE-WAY PRODUCTS CO.,INC.	8010-00-281-2075
BDSVF	METHYL ETHYL KETONE	ARCO CHEMICAL CO;DIVISION OF ATLANTIC RICHFIELD CO	6810-00-281-276
BDSV6	METHYL ETHYL KETONE	CSD,INC	6810-00-281-2762
BDSVH	METHYL ETHYL KETONE,SHELL CODE:31210	SHELL OIL COMPANY	6810-00-281-2762
BDSVJ	METHYL ETHYL KETONE (MEK)	CELANESE CHEMICAL CO.,INC.	6810-00-281-276
BDSVK	METHYL ETHYL KETONE	ORBITAL CHEMICAL CORPORATION	6810-00-281-276
BDSVL	T-T-M-261D,ASTM-D740-84;METHYL ETHYLKETONE	OCTAGON PROCESS INC.	6810-00-281-2762
BDSVM	METHYL ETHYL KETONE	AMSCO DIV, UNION OIL CO OF CALIFORNIA	6810-00-281-276
BDSVN	TT-M-261,METHYL ETHYL KETONE	AMCO CHEMICAL CORP	6810-00-281-276
BDSWF	METHYL ETHYL KETONE	ARCO CHEMICAL CO;DIVISION OF ATLANTIC RICHFIELD CO	6810-00-281-2785
BDSWG	METHYL ETHYL KETONE	CSD,INC	6810-00-281-2785
BDSWH	METHYL ETHYL KETONE	CELANESE CHEMICAL CO.,INC.	6810-00-281-276
BDSWJ	METHYL ETHYL KETONE	SHELL CHEMICAL CO A DIV OF SHELL OIL CO.	6810-00-281-278
BDSXB	GENETRON 11 TRICHLOROFLUOROMETHANE	ALLIED CORPORATION CHEMICAL SECTOR	6830-00-281-3036
BDSXC	UCON REFRIGERANT 11	UNION CARBIDE CORPORATION	6830-00-281-303
BDSXD	GENERATOR II	ALLIED CHEMICAL CORP,CHEMS CO.	6830-00-281-303
BDSYW	MERCURIC NITRATE SOLUTION	STANSON DETERGENTS, INC.	6810-00-281-4163
BDSYX	MERCURIC NITRATE SOLUTION	CHEMICAL COMMODITIES AGENCY	6810-00-281-4163
BDTCY	TETRABROMOSULFOPHTHALEIN	SHAPE PRODUCTS	6810-00-281-745
BDTGP	OMEGA 712-6	OMEGA CHEMICAL CO	6850-00-282-6770
BDT6Q	TURCO 4909	TURCO PRODUCTS INC. SUBSIDIARY OF PENNWALT INC.	6850-00-282-6770
BDT6R	OCTAGON 312	OCTAGON PROCESS INC.	6850-00-282-677
BDT6S	810 (CS-5560-01)	PENWALT CORPORATION	6850-00-282-677
BDTGT	CEE-BEE-A-302	MC BEAN CHEM - CHEM COMMOD ASY, DIST	6850-00-282-6770
BDT6Z	DETERGENT, GEN. PURPOSE (LIQUID, NONIONIC)	CSD,INC	7930-00-282-965
BDTHB	7060L	CHEMSCOPE CORP.	7930-00-282-965
BDTHC	TRITON X-100 SURFACTANT (6-1572) TYPE 1	NATIONAL DIAGNOSTICS	7930-00-282-9699
BDTHD	TRITON X-100 SURFACTANT,6-1572	ROHM AND HAAS CO	7930-00-282-9699
BDTHF	IGEPAL CC 630	OCTAGON PROCESS INC.	7930-00-282-965
BDTHG	FLOMO ION	MICHEL & PELTON COMPANY	7930-00-282-965
BDTHH	9016-45-9-FLOMO ION	FORECHEM COMPANY	7930-00-282-9699
BDTHJ	DETERGENT	CONTINENTAL CHEMICAL CORP.	7930-00-282-970
BDTHK	TRITON X-100 SURFACTANT (6-1572) TYPE 1	NATIONAL DIAGNOSTICS	7930-00-282-970
BDTHL	TRITON X-100 SURFACTANT,6-1572	ROHM AND HAAS CO	7930-00-282-9700
BDTHM	IGEPAL CC 630	OCTAGON PROCESS INC.	7930-00-282-9700
BDTHN	HYDROGEN PEROXIDE,30%	ALLIED CORPORATION CHEMICAL SECTOR	6810-00-282-970
BDTHP	HYDROGEN PEROXIDE(30-52%)	E.I. DUPONT (PPG INDUST,UNION CARBIDE DOW CHEM)	6810-00-282-9703
BDTHQ	HYDROGEN PEROXIDE	THREE BOND OF AMERICA INC	6810-00-282-9703
BDTJF	DRILUBE 703	DRILUBE COMPANY	9150-00-283-06
BDTJG	GRAFOLUX	GRAFO COLLOIDS CORPORATION	9150-00-283-06
BDTLR	1226 STAR TYPE CLEANER	EBERHARD FABER INC.	7510-00-283-1745
BDTMT	BCN AMI CAKE	BOUGHT ACCORDING TO SPEC	7930-00-283-1745

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MSDS	TRADE NAME	MANUFACTURER	NSN
	BDTMV ETHYLENE GLYCOL MONOETHYL ETHER	CSD, INC	6810-00-285-4309
	BDTMW ETHYLENE GLYCOL MONO-ETHYL ETHER	CSD, INC.	6810-00-285-4309
	BDTMX ETHYLENE GLYCOL MONOETHYL ETHER, TECHNICAL	CHEMICAL COMMODITIES AGENCY	6810-00-285-4309
	BDTMY CELLOSOLVE SOLVENT	CHEMICAL COMMODITIES (DIST), UNION CARBIDE (MFR).	6810-00-285-4309
	BDTMZ EKTRASOLVE EE SOLVENT	EASTMAN CHEMICAL PRODUCTS, INC.	6810-00-285-4309
	BDTNB EKTRASOLVE EE SOLVENT	EASTMAN CHEMICAL PRODUCTS, INC.	6810-00-285-4309
	BDTNC ETHYLENE GLYCOL MONOETHYL ETHER	OCTAGON PROCESS INC.	6810-00-285-4309
	BDTND ETHYLENE GLYCOL ETHYL ETHER	AMSCO DIV, UNION OIL CO OF CALIFORNIA	6810-00-285-4309
	BDTNF DOWANOL EM	DOW CHEMICAL U.S.A.(MFR)PHIPPS PRODUCTS (DISTRIBU	6810-00-285-4309
	BDTPP D-115F TY 1 CL 1	PRODUCTS/TECHNIQUES, INC.	8010-00-285-4858
	BDTPQ MIL-E-15090B	CHEMRAY COATINGS CORPORATION	8010-00-285-4858
	BDTPR SEMI-GLOSS GRAY (FORMULA III)	CON-LUX COATINGS, INC	8010-00-285-4858
	BDTPS ENAMEL, EQUIPMENT LIGHT GRAY	JOTUN-BALTIMORE COPPER PAINT CO.	8010-00-285-4858
	BDTPX LIGHT GRAY 26307, B1509021, SEMIGLOSS	DAVLIN PAINT CO.	8010-00-285-4868
	BDTPY MIL-E-15090B 26307 (TY 1, CL 2) SEMIGLOSS	STANSON DETERGENTS, INC.	8010-00-285-4868
	BDTPZ DOD-E-15090 GRAY 26307	CHEMRAY COATINGS CORPORATION	8010-00-285-4868
	BDTQB SEMI-GLOSS GRAY (FORMULA III)	CON-LUX COATINGS, INC	8010-00-285-4868
	BDTQC EN. EQUIP LIGHT GRAY	PRATT & LAMBERT	8010-00-285-4868
	BDTQD LIGHT GRAY 26307, B1509021, SEMIGLOSS	DAVLIN PAINT CO.	8010-00-285-4869
	BDTQF MIL-E-15090B 26307 (TY 1, CL 2) SEMIGLOSS	STANSON DETERGENTS, INC.	8010-00-285-4869
	BDTQG ENAMEL, EQUIPMENT	CHEMRAY COATINGS CORPORATION	8010-00-285-4869
	BDTQH SEMI-GLOSS GRAY (FORMULA III)	CON-LUX COATINGS, INC	8010-00-285-4869
	BDTQJ EN. EQUIP. LIGHT GRAY	PRATT & LAMBERT	8010-00-285-4869
	BDTQK JAN-P-700 PAINT, DECK, GRAY INSIDE	JOTUN-BALTIMORE COPPER PAINT CO.	8010-00-285-4870
	BDTEL FORMULA 20L, DOD-E-700, INTERIOR GRAY DECK	DEVCO MARINE COATING CO	8010-00-285-4870
	BDTQM FORMULA 20L, DOD-E-700, INTERIOR GRAY DECK	DEVCO MARINE COATING CO	8010-00-285-4871
	BDTON BLACK, SEMIGLOSS FORMULA #24 B698	DAVLIN PAINT CO.	8010-00-285-4896
	BDTQP ENAMEL, ALKYD	CON-LUX COATINGS, INC.	8010-00-285-4896
	BDTOR STRIPING BROWN, MIL-E-20090A, FORM. 41	TRIAD PAINT & CHEMICAL CORP	8010-00-285-4907
	BDTQS BROWN	CORONADO PAINT CO. 308 OLD COUNTY RD., EDGEWATER, FL	8010-00-285-4907
	BDTQT STRIPING BROWN, MIL-E-20090A, FORM. 41	TRIAD PAINT & CHEMICAL CORP	8010-00-285-4908
	BDTQV BROWN	CORONADO PAINT CO. 308 OLD COUNTY RD., EDGEWATER, FL	8010-00-285-4908
	BDTQW ALKYD	CON-LUX COATINGS, INC.	8010-00-285-4908
	BDTRL KERR MAC 140	KERR-MCGEE CHEMICAL CO	6850-00-285-8011
	BDTRM APCO 140	APCO OIL/OKLAHOMA CITY, OK 73101	6850-00-285-8011
	BDTRN DRY CLEANING SOLVENT TYPE II	CSD, INC	6850-00-285-8011
	BDTRP 140 SOLVENT NAPHTA	OKLAHOMA REFINING CO.	6850-00-285-8011
	BDTRQ 140 SOLVENT	ASHLAND CHEMICAL CO	6850-00-285-8011
	BDTRR 140 SOLVENT 66/3, 11106	UNOCAL CHEMICALS DIV/UNION OIL CO OF CAL	6850-00-285-8011
	BDTRS 140 FLASH NAPHTA	TRIANGLE REFINERIES, INC.	6850-00-285-8011
	BDTRT P-D-680, TY II	MAGNAFLUX SURFACE CONDITIONERS INC.	6850-00-285-8011
	BDTRV CHARTERSOL 356	CHARTER CHEMICALS/CHARTER INTERNATIONAL OIL CO.	6850-00-285-8011
	BDTRW CHEVRON THINNER 460	CHEVRON U.S.A.	6850-00-285-8011
	BDTRX SHELL SOLVENT 14	SHELL CHEMICAL CO A DIV OF SHELL OIL CO.	6850-00-285-8011
	BDTRY NAPHTHOL SPIRITS 66/3 (OR AMSCO SOLV 1103)	AMSCO DIV, UNION OIL CO OF CALIFORNIA	6850-00-285-8011
	BDTRZ AMSCO SOLV 1106 * 140 SOLVENT 66/3 * 11106	AMSCO DIV, UNION OIL CO OF CALIFORNIA	6850-00-285-8011
	BDTSP FORMULA 104, MIL-P-15146 DULL BLK OUTSIDE	JOTUN-BALTIMORE COPPER PAINT CO.	8010-00-285-8294
	BDTSQ NO. 109 GRAY ENAMEL, MIL-P-15183, #11	JORDAN PAINT MANUFACTURING CO.	8010-00-285-8297
	BDTTH TOLUENE-MIBK MIXTURE	STANSON DETERGENTS, INC.	6810-00-286-2285
	BDTTJ TOLUENE-METHYL ISOBUTYL KETONE MIXTURE	CSD, INC	6810-00-286-2285
	BDTTK TOLUENE, METHYL ISOBUTYL KETONE, MIXTURE	GEORGE SENN DIVISION OF GLOBE SOLVENTS. (MFR)	6810-00-286-2285
	BDTTL MIL-T-19588, TOLUENE-METHYL ISOBUTYL KETONE.	OCTAGON PROCESS INC.	6810-00-286-2285
	BDTTM MIL-T-19588, TOLUENE-METHYL ISOBUTYL KETONE MIX	AMCO CHEMICAL CORP	6810-00-286-2285
	BDTVM PAINT	TRIAD PAINT & CHEMICAL CORP	8010-00-286-3985
	BDTVN PAINT	TRIAD PAINT & CHEMICAL CORP	8010-00-286-3986
	BDTVP ENAMEL, DECK, INTERIOR, DARK GREEN	CON-LUX COATINGS, INC.	8010-00-286-3986

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MSDS	TRADE NAME	MANUFACTURER	NSN	PAGE	2*
BDTVT	ALCOHOL (TT-I-735)	RANDOLPH PRODUCTS CO.	6810-00-286-5435		
BDTVW	ISOPROPYL ALCOHOL	GEO.SENN,DIV.GLOBE SOLVENTS(PHIPPS PRODUCTS CORP)	6810-00-286-5435		
BDTVW	ISOPROPYL ALCOHOL	SHELL CHEMICAL CO A DIV OF SHELL OIL CO.	6810-00-286-5435		
BDTVX	AMSCD SOLV 5020(ISOPROPYL 99);UCD NO1808	AMSCD DIV, UNION OIL CO OF CALIFORNIA	6810-00-2E 35		
BDTVY	LED-PLATE NO.250	ARMITE LABORATORIES	8030-00-286-545		
BDTVZ	LIQUI MOLY NV THREAD COMPOUND	THE LOCKREY CO. INC.	8030-00-286-545		
BDTWN	742-702	AMERON INDUSTRIAL COATINGS DIVISION	8010-00-286-7725		
BDTWP	742702 ENAMEL ALKYD GLOSS BLK 17038	PRATT & LAMBERT	8010-00-286-7725		
BDTWQ	GREEN 14110	AMERON INDUSTRIAL COATINGS DIVISION	8010-00-286-772		
BDTWR	ENAMEL, ALKYD, GLOSS 14110	CON-LUX COATINGS,INC.	8010-00-286-7727		
BDTWS	14110 GREEN	PRATT & LAMBERT	8010-00-286-7727		
BDTWT	GLOSS GREEN 14110	PRATT & LAMBERT-WICHITA DIV.	8010-00-286-7727		
BDTXB	WHITE	CORONADO PAINT CO. 308 OLD COUNTY RD.,EDGEWATER,FL	8010-00-286-7744		
BDTXC	FORMULA 17875,WHITE ENAMEL,DOD-E-1115	CHEMRAY COATINGS CORPORATION	8010-00-286-7744		
BDTXD	WHITE	ATLAS PAINT AND VARNISH COMPANY	8010-00-286-7744		
BDTXF	WHITE	CORONADO PAINT CO. 308 OLD COUNTY RD.,EDGEWATER,FL	8010-00-286-7744		
BDTXG	FORMULA 30, DOD-E-115, WHITE, 17875	CHEMRAY COATINGS CORPORATION	8010-00-286-7745		
BDTXH	WHITE 17875	ATLAS PAINT AND VARNISH COMPANY	8010-00-286-7745		
BDTXJ	742-422	AMERON INDUSTRIAL COATINGS DIVISION	8010-00-286-7745		
BDTXK	742422 ENAMEL ALKYD GLOSS GREEN 14110	PRATT & LAMBERT	8010-00-286-7745		
BDTXQ	YELLOW 13538	AMERON INDUSTRIAL COATINGS DIVISION	8010-00-286-7758		
BDTXR	TT-E-489F YELLOW,13538,ENAMEL,ALKYD,GLOSS	CHEMRAY COATINGS CORPORATION	8010-00-286-7758		
BDTXS	ENAMEL, ALKYD, GLOSS 13538	CON-LUX COATINGS,INC.	8010-00-286-7758		
BDTXT	742310 ENAMEL ALKYD GLOSS YELLOW 13538	PRATT & LAMBERT	8010-00-286-7758		
BDTYJ	ENAMEL,EXT.ALYD,NAVY GRAY #7	LYLE VAN PATTEN CO.,INC.	8010-00-286-7914		
BDTYK	ENAMEL,GRAY,SHIPBOARD,MIL-E-1265	CORONADO PAINT CO. 308 OLD COUNTY RD.,EDGEWATER,FL	8010-00-286-7914		
BDTYL	DOD-E-1265,ENAMEL GRAY,NO.17,FORMULA 5-0	KALCOR COATINGS	8010-00-286-7917		
BDTZD	GRAY 26008, SEMI GLOSS, B699PRD	DAVLIN PAINT CO.	8010-00-286-9083		
BDTZF	ENAMEL,DECK,GRAY,EXTERIOR	LYLE VAN PATTEN CO.,INC.	8010-00-286-9083		
BDTZG	GREY 26008	CHEMRAY COATINGS CORPORATION	8010-00-286-9083		
BDTZH	FORMULA 20,DOD-E-699,EXTERIOR GRAY DECK	DEVOE MARINE COATING CO	8010-00-286-9083		
BDTZJ	WHITE 17875	AMERON INDUSTRIAL COATINGS DIVISION	8010-00-286-9083		
BDTZK	TT-E-4896 WHITE ENAMEL 17875	CHEMRAY COATINGS CORPORATION	8010-00-286-9083		
BDTZL	X-4609,WHITE PAINT	SENTRY PAINT & CHEMICAL CO, DARBY PA. 19023	8010-00-286-9088		
BDTZM	ENAMEL, ALKYD, GLOSS 17875	CON-LUX COATINGS,INC.	8010-00-286-9088		
BDTZN	ENAMEL ALKYD GLOSS WHITE 17875	PRATT & LAMBERT	8010-00-286-9088		
BDTZP	MIL-C-601,CYLINDER,CARB.DIOXIDE,FILLED,TY 1	THREE BOND OF AMERICA INC	4220-00-287-3740		
BDVBR	INDICATOR SILICA GEL	MULTIFORM DESICCANTS, INC	6850-00-290-0042		
BDVBS	BLUE GEL	ZEOCHEM	6850-00-290-0042		
BDVBX	70309 TOLUENE	TEXACO CHEM CO(VENDOR:PHIPPS PRODUCTS CORP)	6810-00-290-0044		
BDVBY	TOLUENE	CONTINENTAL CHEMICAL CORP.	6810-00-290-0048		
BDVBZ	TOLUENE	EXXON COMPANY,U.S.A.	6810-00-290-0048		
BDVCB	TOLUENE	ASHLAND CHEMICAL CO	6810-00-290-0048		
BDVCC	TOLUENE	CHEMTECH INDUSTRIES,INC.	6810-00-290-0048		
BDVCD	TOLUENE 11410	UNION CHEMICALS DIVISION,UNION OIL COMPANY OF CALI	6810-00-290-0048		
BDVCF	TOLUENE	SUN PETROLEUM PRODUCTS	6810-00-290-0048		
BDVCS	TOLUENE	GEO.SENN,DIV.GLOBE SOLVENTS(PHIPPS PRODUCTS CORP)	6810-00-290-0048		
BDVDJ	HOUGHTO-SAFE 271 (SEE SUPPLEMENTAL DATA)	E.F. HOUGHTON & COMPANY	9150-00-290-3865		
BDVDK	HOUGHTO-SAFE 273 (SEE SUPPLEMENTAL DATA)	E.F. HOUGHTON & COMPANY	9150-00-290-3865		
BDVJT	THINNER, PAINT; TT-T-291, TYPE 1, GRADE A	SPE-DE-WAY PRODUCTS CO.,INC.	8010-00-290-4075		
BDVDV	MINERAL SPIRITS 75	UNION CHEMICALS DIVISION,UNION OIL COMPANY OF CALI	8010-00-290-4079		
BDVDW	SKELLYSOLVE-S-66, TYI GRADE A	GETTY REFINING & MARKETING COMPANY	8010-00-290-4079		
BDVDX	3508 THINNER	CHEVRON CHEMICAL CORP.	8010-00-290-4079		
BDVDY	ROYCO 717	ROYAL LUBRICANTS COMPANY,INC.	9150-00-290-4091		
BDVDZ	PETROFLUID 171,CODE 4139	PENRECO DIVISION, PENNZOTL	9150-00-290-4091		
BDVFD	BLACK #37308	EVERSEAL MFG/RIDGEFIELD, NJ 07657	8010-00-290-4133		

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MSDS	TRADE NAME	MANUFACTURER	NSN
	BDVFJ BLACK SHIPBOTTON	AMERON INDUSTRIAL COATINGS DIVISION	8010-00-290-4247
	BDVFK MIL-F-15931,FORM 129,BLACK,VINYL,ANTIFOUL	INTERNATIONL PAINT CO.(CALIF),INC.	8010-00-290-4247
	DEVFL DEVOE	DEVOE & RAYNOLDS CO, INC.	8010-00-290-4247
	WFM MD4333	DEVOE & RAYNOLDS CO	8010-00-290-4247
	BDVFN MD-4859	LION OIL CO	8010-00-290-4247
	BDVFP N-1051 MMM-A-1617 TYPE 2	SHORE CHEMICAL	8040-00-290-4301
	BDVFR N-1051 MMM-A-1617 TYPE 2	ASHLAND OIL INC	8040-00-290-4301
	BDVFR NEOPRENE ADHESIVE N-1051	SHORE CHEM CO	8040-00-290-4301
	BDVFS EC-711	3M COMPANY	8040-00-290-4301
	BDVFT BB-S-110 TYPE III	BOUGHT ACCORDING TO SPEC	6830-00-290-4367
	BDVFW FREDN 22	E.I. DUPONT (PPG INDUST,UNION CARBIDE DOW CHEM)	6830-00-290-4375
	BDVFW DICHLORODIFLUOROMETHANE	BOUGHT ACCORDING TO SPEC	6830-00-290-4377
	BDVFX BB-F-1421 TYPE 114	BOUGHT ACCORDING TO SPEC	6830-00-290-4378
	BDVFY BB-F-1421	BOUGHT ACCORDING TO SPEC	6830-00-290-4379
	BDVHF FORMULA 102 ZINC DUST PAINT,MIL-P-15145	JOTUN-BALTIMORE COPPER PAINT CO.	8010-00-290-6645
	BDVHG FORMULA 34,MIL-P-15144,MD-7713	DEVOE & RAYNOLDS CO, INC.	8010-00-290-6646
	BDVHM #17875 GLOSS WHITE LACQUER	AMERICAN AEROSOLS, INC.	8010-00-290-6983
	BDVHN LACQUER, AEROSOL 17875 WHITE	SEYMOUR OF SYCAMORE	8010-00-290-6983
	BDVHP ACRYLIC/VT ALKYD	DEVOE & RAYNOLDS CO., INC.	8010-00-290-6983
	BDVHQ DRO36-CONCENTRATE	DEVOE & RAYNOLDS CO	8010-00-290-6983
	BDVHR LACQUER, ACRYLIC, AEROSOL, WHITE 17875	ILLINOIS BRONZE POWDER AND PAINT COMPANY	8010-00-290-6983
	BDVKQ BLANKET ROLLER WASH	CONTINENTAL CHEMICAL CORP.	6850-00-291-0963
	BDVKR LITHOGRAPHIC BLANKET ROLLER WASH	CSD,INC	6850-00-291-0963
	BDVKS O-L-298B	GEO.SENN,DIV.GLOBE SOLVENTS(PHIPPS PRODUCTS CORP)	6850-00-291-0963
	BDVNP BB-N-411,NITROGEN TECHNICAL,TY 1,CL 1,GR B	BOUGHT ACCORDING TO SPEC	6830-00-292-0131
	BDVNR GENETRON 12	ALLIED CORPORATION CHEMICAL SECTOR	6830-00-292-0133
	BDVNS FREDN 12	E.I. DUPONT (PPG INDUST,UNION CARBIDE DOW CHEM)	6830-00-292-0133
	BDVNX ACETYLENE	VICTOR CALIFORNIA/AMERIGAS	6830-00-292-0138
	WVNY BB-A-106	BOUGHT ACCORDING TO SPEC	6830-00-292-0138
	BDVNZ CARBON DIOXIDE,REFRIGERATED LIQUID	AIRCO/DIVISION OF THE BOC GROUP,INC.	6830-00-292-0142
	BDVPB CARBON DIOXIDE, TECHNICAL	LELAND LIMITED, INC.	6830-00-292-0142
	BDVPC GENETRON 12	ALLIED CORPORATION CHEMICAL SECTOR	6830-00-292-0147
	BDVPD FREDN 12	E.I. DUPONT (PPG INDUST,UNION CARBIDE DOW CHEM)	6830-00-292-0147
	BDVPF BB-N-411	BOUGHT ACCORDING TO SPEC	6830-00-292-0732
	BDVPK THREAD COMPOUND	BAKER SEALANTS & COATINGS CO	8030-00-292-1102
	BDVPL ZINC DUST PETROLATUM ANTISEIZE	MAKORR PRODUCTS CO.	8030-00-292-1102
	BDVPM TT-P-664C RUST INHIBITING PRIMER,COMPL.	AMERON INDUSTRIAL COATINGS DIVISION	8010-00-292-1127
	BDVPN TT-P-664 PRIMER COATING	CHEMRAY COATINGS CORPORATION	8010-00-292-1127
	BDVPP X-3796 TT-P-664 PRIMER COATING RED COMP L	SENTRY PAINT & CHEMICAL CO, DARBY PA. 19023	8010-00-292-1127
	BDVPQ 727102 16L	PRATT & LAMBERT	8010-00-292-1127
	BDVPR TT-P-664C RUST INHIBITING PRIMER	KOPPERS COMPANY, INC.	8010-00-292-1127
	BDVPS TT-P-664C SYNTHETIC RUST INHIBIT PRIMER	KOPPERS COMPANY, INC.	8010-00-292-1127
	BDVPT TT-P-664,PRIMER	ATLAS PAINT AND VARNISH COMPANY	8010-00-292-1127
	BDVQL RED DECK ENAMEL, 20109, B1821OPRD	DAVLIN PAINT CO.	8010-00-292-1812
	BDVQM FORMULA 20109,RED DECK ENAMEL,MIL-P-18210B	CHEMRAY COATINGS CORPORATION	8010-00-292-1812
	BDVQN FORMULA 23,MIL-P-18210,INTER DECK RED	JOTUN-BALTIMORE COPPER PAINT CO.	8010-00-292-1812
	BDVQP L#1378,RED DECK,MIL-E-18210A	PRESERVATIVE PAINT COMPANY	8010-00-292-1812
	BDVQQ RED DECK ENAMEL, 20109, B1821OPRD	DAVLIN PAINT CO.	8010-00-292-1813
	BDVQR FORMULA 20109,RED DECK ENAMEL,MIL-P-18210B	CHEMRAY COATINGS CORPORATION	8010-00-292-1813
	BDVQS MIL-E-18210	ATLAS PAINT AND VARNISH COMPANY	8010-00-292-1813
	BDVQT FORMULA 23,MIL-P-18210,INTER DECK RED	JOTUN-BALTIMORE COPPER PAINT CO.	8010-00-292-1813
	BDVSB ROCKWELL 950 SEALANT(BULK GRADE)	ROCKWELL INTERNATIONAL,MEASUREMENT & FLOW CNTRL DIV	9150-00-292-9657
	BDVSC COMPROIL II	OCTAGON PROCESS INC.	9150-00-292-9657
	BDVSL ROYCO 855	ROYAL LUBRICANTS COMPANY,INC.	9150-00-292-9687
	BDVSM BRAYCO 855D (SEE SUPP DATA)	BURMAH-CASTROL INC-BRAY PRODUCTS DIV.	9150-00-292-9687
	BDVSN BRAYCO 855D	BRAY OIL COMPANY,INC	9150-00-292-9687

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MSDS TRADE NAME	MANUFACTURER	NSN
BDVSR D-C-1824	CONTINENTAL CHEMICAL CORP.	6850-00-292-9700
BDVSS NA	CHEMSCOPE CORP.	6850-00-292-970
BDVST MIL-C-20207,CLEANING COMPD SOLVENT	OCTAGON PROCESS INC.	6850-00-292-970
BDVSV CLEANING COMPOUND SOLVENT	CONTINENTAL CHEMICAL CORP.	6850-00-292-970
BDVSW H-151	ALUMINUM CORP OF AMERICA	6850-00-292-701
BDVVZ PR-615-HF	PRODUCT RESEARCH & CHEMICAL CORPORATION	6850-00-292-717
BDVZM GRAY	CORONADO PAINT CO. 308 OLD COUNTY RD.,EDGEWATER,FL	5970-00-295-921
BDVZN DOD-E-1265,ENAMEL GRAY,NO.17,FORMULA 5-0	KALCOR COATINGS	8010-00-297-0580
BDWCB 723-438 PRIMER COATING,ZN CHROMATE COLOR Y	PRATT & LAMBERT	8010-00-297-0580
BDWCC P-441A	KOPPERS COMPANY, INC.	8010-00-297-059
BDWCD YELLOW ZINC CHROMATE PRIMER - 441P	KOPPERS COMPANY, INC.	8010-00-297-059
BDWCF ZINC CHROMATE PRIMER, TT-P-1757	RANDOLPH PRODUCTS CO.	8010-00-297-059
BDWCG YELLOW ZINC CHROMATE (Y) IB 2646	ILLINOIS BRONZE POWDER AND PAINT COMPANY	8010-00-297-059
BDWDS 742-602	AMERON INDUSTRIAL COATINGS DIVISION	8010-00-297-2092
BDWDT 16081-GRAY	PRATT & LAMBERT	8010-00-297-2092
BDWGP BLACK 37038	CHEMICAL COMMODITIES AGENCY	8010-00-297-212
BDWGR BLACK 37038	AMERON INDUSTRIAL COATINGS DIVISION	8010-00-297-212
BDWGR 743702 ENAMEL LUSTERLS OD STY ALKYD BLK 370	PRATT & LAMBERT	8010-00-297-2122
BDWGS 743-702	PRATT & LAMBERT-WICHITA DIV.	8010-00-297-212
BDWHC SILICONE FUSER OIL, 8R79	XEROX CORP.	9150-00-297-388
BDWHD SF 1207	ALUNXY MFR CORP,MFR;GENERAL ELETRIC,DIST	9150-00-297-3885
BDWHF DOW CORNING FUSER OIL	DOW CORNING	9150-00-297-3885
BDWJT 742-410	AMERON INDUSTRIAL COATINGS DIVISION	8010-00-298-229
BDWJV ENAMEL,ALKYD,GLOSS 14062	CON-LUX COATINGS,INC.	8010-00-298-2296
BDWJW ENAMEL ALKYD GLOSS GREEN 14062	PRATT & LAMBERT	8010-00-298-2296
BDWKF 742-504	AMERON INDUSTRIAL COATINGS DIVISION	8010-00-298-230
BDWKG ENAMEL,ALKYD,GLOSS 15044	CON-LUX COATINGS,INC.	8010-00-298-230
BDWKH 15044-BLUE	PRATT & LAMBERT	8010-00-298-2302
BDWRZ FREON TF	C C CHEM, INC	6850-00-319-083
BDWSB ARKLONE P	ICI AMERICAS INC;STUART PHARACEUTICALS,DIV	6850-00-319-083
BDWSC FREON TF	E.I. DUPONT (PPG INDUST,UNION CARBIDE DOW CHEM)	6850-00-319-0834
BDWSD BLACO-TRON (R) TF	MIDWEST POLYCHEM,LTD (DIST),BARON-BLAKESLEE (MFR).	6850-00-319-0834
BDWSE MIL-C-81302,CLEANING COMPOUND,SOLVENT	TECH SPRAY,INC.	6850-00-319-083
BDWSE TRICHLOROTRIFLUOROETHANE,MIL-C-81302,TYPEII	BULK CHEMICALS DISTRIBUTORS, INCORPORATED	6850-00-319-0834
BDWSH FLUOROCARBON 113	GEO.SENN,DIV.GLOBE SOLVENTS(PHIPPS PRODUCTS CORP)	6850-00-319-0834
BDWXB BPI NO.40	BEST PHOTO INDUSTRIES,INC.	6750-00-344-813
BDWXC 146 4510, PHOTO-FLO 200 SOLUTION	EASTMAN KODAK CO.	6750-00-344-813
BDWXD FILM RINSE ADDITIVE A8015	CLAYTON CHEMICAL CO	6750-00-344-8133
BDWYZ 00211 DRY FILM VYDAX MOLD REL;SPRAYON #211	SPRAYON PRODUCTS DIV;SHERWIN WILLIAM CO.	9150-00-349-929
BDWZB MS-122 FLUOROCARBON RELEASE AGENT	MILLER-STEPHENSON CHEMICAL CO.,INC.	9150-00-349-929
BDWZC FLUOROCARBON LUBRICANT;MIL-L-60326	BULK CHEMICALS DISTRIBUTORS, INCORPORATED	9150-00-349-9290
BDWZD 30015	D.B.POWERS CORP.	9150-00-349-9290
BDWZF LUBRICANT FLUOROCARBON TELOMER DISPERSION	CROWN INDUSTRIAL PRODUCTS COMPANY	9150-00-349-929
BDWZG DRY LUBE "VYDAX" 20015;TM-1812	CLING SURFACE COMPANY	9150-00-349-929
BDXBS CARTRIDGE ENGINE STARTER	THREE BOND OF AMERICA INC	2910-00-355-6377
BDXCN DETERGENT,GENERAL PURPOSE SPRAY-ON-WIPE	LIGHTHOUSE FOR THE BLIND	7930-00-357-738
BDXCP SPRAY AND WIPE	CONTINENTAL CHEMICAL CORP.	7930-00-357-738
BDXGL CORTEC VCI-560 TABLETS/POWDER	THE CORTEC CORPORATION	6850-00-368-5233
BDXEM VPI 260 (SHELL #73596)	SHELL OIL COMPANY	6850-00-368-5233
BDXGN NICORR CN-99M	NORTHERN INSTRUMENTS CORPORATION	6850-00-368-523
BDXHS MIL-R-19907C,PART A PASTE REPAIR KIT(SUPDAT	BONDED PRODUCTS, INC.	2090-00-372-6064
BDXHT MIL-R-19907C PART B PASTE GLASS(SEE SUPDATA	BONDED PRODUCTS, INC.	2090-00-372-6064
BDXKJ MOLYKOTE M GEAR GUARD	DOW CORNING	9150-00-390-569
BDXLH LUBRIPLATE "105"	FISKE BROTHERS REFINING COMPANY	9150-00-392-167
BDXLN MIL-C-43454B;CLEANING COMPOUND;OPTICAL LENS	CHEMICAL COMMODITIES AGENCY	6850-00-392-751
BDXLP MIL-C-43454,CLEANING COMPOUND,OPTICAL LENS	THREE BOND OF AMERICA INC	6850-00-392-751

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MSDS	TRADE NAME	MANUFACTURER	NSN
	BDXQC KRYLON SILICONE LUBE NO. 1349(AEROSOL SPRAY	BORDEN INC,KRYLON DEPARTMENT	6850-00-400-7976
	BDXVC KAYDOL X (WHITE MINERAL OIL, USP)	CONTINENTAL CHEMICAL CORP.	9150-00-404-6055
	BDXWB MS-240AS ANTI-STATIC QUIK-FREEZE	MILLER-STEPHENSON CHEMICAL CO.,INC.	6850-00-405-9385
	BDXWC FREON 12	CHEMTRONICS,INC.	6850-00-405-9385
	BDXWD FREON 12	BULK CHEMICALS DISTRIBUTORS, INCORPORATED	6850-00-405-9385
	BDXWF CIRCUIT COOLER	CHEMICAL COMMODITIES AGENCY	6850-00-405-9385
	BDXWG FREEZING COMPOUND,DICHLORODIFLUOROMETHANE	W.M.BARR&CO.	6850-00-405-9385
	BDXYH CARBOLINE 1970 PRIMER, GREEN, M040	CARBOLINE COMPANY	8010-00-410-8452
	BDXYJ F-150, GREEN BASE, MIL-P-24441/1, 5805	INTERNATIONAL PAINT COMPANY, INC.	8010-00-410-8452
	BDXYK F-150, GRN RET, MIL-P-24441/1, 5804	INTERNATIONAL PAINT COMPANY, INC.	8010-00-410-8452
	BDXYL MIL-P-24441/1, FORM 150, GREEN, COMP A	MOBIL CHEMICAL	8010-00-410-8452
	BDXYM MIL-P-24441/1, FORM 150, GREEN, COMP B	MOBIL CHEMICAL	8010-00-410-8452
	BDXYN F-150, GREEN PRIMER, MIL-P-24441/1, 6515S A	STANSON DETERGENTS, INC.	8010-00-410-8452
	BDXYP F-150, GREEN PRIMER, MIL-P-24441/1, 6515S B	STANSON DETERGENTS, INC.	8010-00-410-8452
	BDXYQ EPOXY POLYAMIDE	SEAGUARD CORP.	8010-00-410-8452
	BDXYR MD-8733, GREEN PRIMER, MIL-P-24441/1 PART A	DEVDE & RAYNOLDS CO	8010-00-410-8452
	BDXYS 8734, GREEN PRIMER, MIL-P-24442/1 PARTB	DEVDE & RAYNOLDS CO	8010-00-410-8452
	BDXYT MIL-P-24441/1-150 COMP A*	KOPPERS COMPANY, INC.	8010-00-410-8452
	BDXYV F-150, 5429 GREEN PRIMER, MFR CODE G-452	JOTUN-BALTIMORE COPPER PAINT CO.	8010-00-410-8452
	BDXYW F-150, GREEN PRIMER, PART B, 5428-N-110	JOTUN-BALTIMORE COPPER PAINT CO.	8010-00-410-8452
	BDXYX CARBOLINE 1971,HAZE GRAY M041,FORMULA 151	CARBOLINE COMPANY	8010-00-410-8458
	BDXYX F-151,HAZE GRAY BASE,MIL-P-24441/2,5808	INTERNATIONAL PAINT COMPANY,INC.	8010-00-410-8458
	BDXYZ F-151,HAZE GRAY,REACTOR,MIL-P-24441/2,5806	INTERNATIONAL PAINT COMPANY,INC.	8010-00-410-8458
	BDXZB MIL-P-24441/2,FORM 151,HAZE GRAY,COMP A	MOBIL CHEMICAL	8010-00-410-8458
	BDXZC MIL-P-24441/2,FORM 151,HAZE GRAY,COMP B	MOBIL CHEMICAL	8010-00-410-8458
	BDXZD F-151,HAZE GRAY, MIL-P-24441/2, 6516S A	STANSON DETERGENTS, INC.	8010-00-410-8458
	BDXZF F-151,HAZE GRAY, MIL-P-24441/2, 6516S B	STANSON DETERGENTS, INC.	8010-00-410-8458
	BDXZG MD-8959,HAZE GRAY, MIL-P-24441/2 PART A	DEVDE & RAYNOLDS CO	8010-00-410-8458
	BDXZH MD-8289, NEUTRAL, MIL-P-24441/2 PART B	DEVDE & RAYNOLDS CO	8010-00-410-8458
	BDXZJ MIL-P-24441	KOPPERS COMPANY, INC.	8010-00-410-8458
	BDXZK MIL-P-24441	KOPPERS COMPANY, INC.	8010-00-410-8458
	BDXZL F-151,HAZE GRAY TOPCOAT 5434,MFR G-453	JOTUN-BALTIMORE COPPER PAINT CO.	8010-00-410-8458
	BDXZM F-151,HAZE GRAY TOPCOAT 5435,MFR N-113	JOTUN-BALTIMORE COPPER PAINT CO.	8010-00-410-8458
	BDXZN F-151,HAZE GRAY BASE,MIL-P-24441/2,5808	INTERNATIONAL PAINT COMPANY,INC.	8010-00-410-8460
	BDXZP F-151,HAZE GRAY,REACTOR,MIL-P-24441/2,5806	INTERNATIONAL PAINT COMPANY,INC.	8010-00-410-8460
	BDXZQ MIL-P-24441/2,FORM 151,HAZE GRAY,COMP A	MOBIL CHEMICAL	8010-00-410-8460
	BDXZR MIL-P-24441/2,FORM 151,HAZE GRAY,COMP B	MOBIL CHEMICAL	8010-00-410-8460
	BDXZS F-151,HAZE GRAY, MIL-P-24441/2, 6516S A	STANSON DETERGENTS, INC.	8010-00-410-8460
	BDXZT F-151,HAZE GRAY, MIL-P-24441/2, 6516S B	STANSON DETERGENTS, INC.	8010-00-410-8460
	BDXZV MD-8961,F-151,MIL-P-24441	DEVDE & RAYNOLDS CO, INC.	8010-00-410-8460
	BDXZW MIL-P-24441/2	SEAGUARD CORP.	8010-00-410-8460
	BDXZX MD-8959,HAZE GRAY, MIL-P-24441/2 PART A	DEVDE & RAYNOLDS CO	8010-00-410-8460
	BDXZY MD-8289, NEUTRAL, MIL-P-24441/2 PART B	DEVDE & RAYNOLDS CO	8010-00-410-8460
	BDXZZ F-151,HAZE GRAY TOPCOAT 5434,MFR G-453	JOTUN-BALTIMORE COPPER PAINT CO.	8010-00-410-8460
	BDYBB F-151,HAZE GRAY TOPCOAT 5435,MFR N-113	JOTUN-BALTIMORE COPPER PAINT CO.	8010-00-410-8460
	BDYBC CARBOLINE 1971, WHITE, N041 FORMULA 152	CARBOLINE COMPANY	8010-00-410-8461
	BDYBD MIL-P-24441/3,FORM 152,WHITE,COMP A	MOBIL CHEMICAL	8010-00-410-8461
	BDYBF MIL-P-24441/3,FORM 152,WHITE,COMP B	MOBIL CHEMICAL	8010-00-410-8461
	BDYBG F-152,WHITE,MIL-P-24441/3, 6517S A	STANSON DETERGENTS, INC.	8010-00-410-8461
	BDYBH F-152,WHITE,MIL-P-24441/3,6517S B	STANSON DETERGENTS, INC.	8010-00-410-8461
	BDYBJ MIL-P-24441/2A	SEAGUARD CORP.	8010-00-410-8461
	BDYBK MD8546 - WHITE	DEVDE & RAYNOLDS CO, INC.	8010-00-410-8461
	BDYBL MIL-P-24441/3 FORMULA 152 COMP A	KOPPERS COMPANY, INC.	8010-00-410-8461
	BDYBM F-152,5430 WHITE TOPCOAT,MFR CODE W-187	JOTUN-BALTIMORE COPPER PAINT CO.	8010-00-410-8461
	BDYBN F-152,5341 WHITE TOPCOAT,MFR CODE N-111.	JOTUN-BALTIMORE COPPER PAINT CO.	8010-00-410-8461
	BDYBP CARBOLINE 1971,BLACK M041, FORMULA 153	CARBOLINE COMPANY	8010-00-410-8463

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MSDS	TRADE NAME	MANUFACTURER	NSN
BDYBQ	MIL-P-24441/4,FORM 153,BLACK,COMP A	MOBIL CHEMICAL	8010-00-410-8463
BDYBR	MIL-P-24441/4,FORM 153,BLACK,COMP B	MOBIL CHEMICAL	8010-00-410-8467
BDYBS	F-153, BLACK, MIL-P-24441/4, 6518S A	STANSON DETERGENTS, INC.	8010-00-410-846
BDYBT	F-153, BLACK, MIL-P-24441/4, 6518S B	STANSON DETERGENTS, INC.	8010-00-410-8463
BDYBV	MIL-P-24441/4 A TYPE 1	SEAGUARD CORP.	8010-00-410-8463
BDYBW	MD-8587, BLACK, MIL-P-24441/4 PART A	DEVUE & RAYNOLDS CO	8010-00-410-846
BDYBX	MD8289, NEUTRAL, MIL-P-24441/4 PART B	DEVUE & RAYNOLDS CO	8010-00-410-846
BDYBY	F-153,BLACK TOPCOAT,R=1.8,5438,B-348	JOTUN-BALTIMORE COPPER PAINT CO.	8010-00-410-8463
BDYBZ	F-153,R=1.8,5439 BLACK TOPCOAT MFR N-1115	JOTUN-BALTIMORE COPPER PAINT CO.	8010-00-410-8467
BDYCB	MIL-P-24441/4,FORM 153,BLACK,COMP A	MOBIL CHEMICAL	8010-00-410-846
BDYCC	MIL-P-24441/4,FORM 153,BLACK,COMP B	MOBIL CHEMICAL	8010-00-410-8464
BDYCD	F-153, BLACK, MIL-P-24441/4, 6518S A	STANSON DETERGENTS, INC.	8010-00-410-8464
BDYCF	F-153, BLACK, MIL-P-24441/4, 6518S B	STANSON DETERGENTS, INC.	8010-00-410-846
BDYCG	FORMULA 153;MD-8587/MD-8289	DEVUE & RAYNOLDS CO, INC.	8010-00-410-8467
BDYCH	MIL-P-24441/4,FORMULA 153.	SEAGUARD CORP.	8010-00-410-8464
BDYCJ	MD-8587, BLACK, MIL-P-24441/4 PART A	DEVUE & RAYNOLDS CO	8010-00-410-846
BDYCK	MD8289, NEUTRAL, MIL-P-24441/4 PART B	DEVUE & RAYNOLDS CO	8010-00-410-846
BDYCL	MIL-P-24441/4 COMPONENT A	KOPPERS COMPANY, INC.	8010-00-410-8464
BDYCM	MIL-P-24441/4 COMPONENT B	KOPPERS COMPANY, INC.	8010-00-410-8464
BDYCN	MIL-P-24441/4 COMP A	KOPPERS COMPANY, INC.	8010-00-410-846
BDYCP	MIL-P-2441/4-153 COMP B*	KOPPERS CO., INC.	8010-00-410-8454
BDYCQ	F-153,R=1.8,5438 BLACK TOPCOAT,MFR B-348.	JOTUN-BALTIMORE COPPER PAINT CO.	8010-00-410-8464
BDYCR	F-153,R=1.8,5439 BLACK TOPCOAT,MFR N-115.	JOTUN-BALTIMORE COPPER PAINT CO.	8010-00-410-846
BDYCS	CARBOLINE 1971,DARK GRAY RD-3.6,M041	CARBOLINE COMPANY	8010-00-410-8464
BDYCT	MIL-P-24441/5,FORM 154,VERY DK GRAY,COMP A	MOBIL CHEMICAL	8010-00-410-8465
BDYCV	MIL-P-24441/5,FORM 154,VERY DK GRAY,COMP B	MOBIL CHEMICAL	8010-00-410-8467
BDYCW	EPOXY POLYAMIDE	SEAGUARD CORP.	8010-00-410-846
BDYCX	EPOXY POLYAMIDE	SEAGUARD CORP.	8010-00-410-8465
BDYCY	A-1192-154/GRAY	KOPPERS COMPANY, INC.	8010-00-410-8465
BDYCZ	MIL-P-24441/5 FORMULA 154 COMP B	KOPPERS COMPANY, INC.	8010-00-410-846
BDYDB	T-912-154, COMP. B	KOPPERS CO, INC	8010-00-410-8453
BDYDC	F-154 R=3.6,DK,GRAY TOPCOAT 5436 MFR G-454	JOTUN-BALTIMORE COPPER PAINT CO.	8010-00-410-8465
BDYDD	F-154,R=3.6,DK GRAY TOPCOAT 5436,MFR N-114	JOTUN-BALTIMORE COPPER PAINT CO.	8010-00-410-846
BDYDF	MIL-P-24441/5,FORM 154,VERY DK GRAY,COMP A	MOBIL CHEMICAL	8010-00-410-846
BDYDG	MIL-P-24441/5,FORM 154,VERY DK GRAY,COMP B	MOBIL CHEMICAL	8010-00-410-8467
BDYDH	MD-8290,F-154,MIL-P-24441	DEVUE & RAYNOLDS CO, INC.	8010-00-410-8467
BDYDJ	MIL-P-24441/5A, TYPE I	SEAGUARD CORP.	8010-00-410-846
BDYDK	MIL-P-2444 1/5 FORM.154 COMPONENT A	KOPPERS COMPANY, INC.	8010-00-410-8457
BDYDL	MIL-P-24441/5 FORM.154 COMPONENT B	KOPPERS COMPANY, INC.	8010-00-410-8457
BDYDM	F-154,DARK GRAY TOPCOAT,R=3.6,5436,G-454	JOTUN-BALTIMORE COPPER PAINT CO.	8010-00-410-846
BDYDN	F-154,R=3.6,DK.GRAY TOPCOAT 5436,MFR N-114	JOTUN-BALTIMORE COPPER PAINT CO.	8010-00-410-846
BDYDP	MIL-P-24441/6,FORM 155,DARK GRAY,COMP A	MOBIL CHEMICAL	8010-00-410-8468
BDYDQ	MIL-P-24441/6,FORM 155,DARK GRAY,COMP B	MOBIL CHEMICAL	8010-00-410-8467
BDYDR	F-155, DARK GRAY, MIL-P-24441/6, 6520S A	STANSON DETERGENTS, INC.	8010-00-410-846
BDYDS	F-155,DARK GRAY,MIL-P-24441/6, 6520S B	STANSON DETERGENTS, INC.	8010-00-410-8468
BDYDT	MIL-P-24441/6,FORM 155,DARK GRAY,COMP A	MOBIL CHEMICAL	8010-00-410-8469
BDYDV	MIL-P-24441/6,FORM 155,DARK GRAY,COMP B	MOBIL CHEMICAL	8010-00-410-846
BDYDW	F-155, DARK GRAY, MIL-P-24441/6, 6520S A	STANSON DETERGENTS, INC.	8010-00-410-8469
BDYDX	F-155, DARK GRAY, MIL-P-24441/6, 6520S B	STANSON DETERGENTS, INC.	8010-00-410-8469
BDYDY	MD-3958,F-155,MIL-P-24441	DEVUE & RAYNOLDS CO, INC.	8010-00-410-846
BDYDZ	MIL-P-24441/7,FORM 156,RED,COMP A	MOBIL CHEMICAL	8010-00-410-846
BDYFB	MIL-P-24441/7,FORM 156,RED,COMP B	MOBIL CHEMICAL	8010-00-410-8470
BDYFC	F-156, RED, MIL-P-24441/7, 6521S A	STANSON DETERGENTS, INC.	8010-00-410-8467
BDYFD	F-156, RED, MIL-P-24441/7, 6521S B	STANSON DETERGENTS, INC.	8010-00-410-846
BDYFF	F-156, RED, MIL-P-24441/7, 5825	INTERNATIONL PAINT CO.(CALIF),INC.	8010-00-410-8470
BDYFG	F-156,RED, MIL-P-24441/7, 5826	INTERNATIONL PAINT CO.(CALIF),INC.	8010-00-410-8470

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MSDS	TRADE NAME	MANUFACTURER	NSN
	BDYFH 589-G-1,COMP.A	MOBIL CHEM.CO.	8010-00-410-8470
	BDYFJ 589-G-1,COMP.B	MOBIL CHEM.CO.	8010-00-410-8470
	BDYFK A-215-156 COMP A	KOPPERS COMPANY, INC.	8010-00-410-8470
	BDYFL T-897-156 COMPONENT B	KOPPERS COMPANY, INC.	8010-00-410-8470
	BDYFM CARBOLINE 1972,RED,MO42,FORMULA 156	CARBOLINE COMPANY	8010-00-410-8471
	BDYFN MIL-P-24441/7,FORM 156,RED,COMP A	MOBIL CHEMICAL	8010-00-410-8471
	BDYFP MIL-P-24441/7,FORM 156,RED,COMP B	MOBIL CHEMICAL	8010-00-410-8471
	BDYFQ F-156, RED, MIL-P-24441/7, 6521S A	STANSON DETERGENTS, INC.	8010-00-410-8471
	BDYFR F-156, RED, MIL-P-24441/7, 6521S B	STANSON DETERGENTS, INC.	8010-00-410-8471
	BDYFS MD8821-NEUTRAL	DEVDE & RAYNOLDS CO	8010-00-410-8471
	BDYFT F-156, RED, MIL-P-24441/7, 5825	INTERNATIONAL PAINT CO.(CALIF),INC.	8010-00-410-8471
	BDYFV F-156, RED, MIL-P-24441/7, 5826	INTERNATIONAL PAINT CO.(CALIF),INC.	8010-00-410-8471
	BDYFW 589-G-1,COMP.A	MOBIL CHEM.CO.	8010-00-410-8471
	BDYFX 589-G-1,COMP.B	MOBIL CHEM.CO.	8010-00-410-8471
	BDYFY A-215-156 COMP A	KOPPERS COMPANY, INC.	8010-00-410-8471
	BDYFZ T-897-156 COMPONENT B	KOPPERS COMPANY, INC.	8010-00-410-8471
	BDYGB F-156,5432 PAINT, TOPCOAT,RED,MFR CODE R 153	JOTUN-BALTIMORE COPPER PAINT CO.	8010-00-410-8471
	BDYGC F-156, 5433 RED TOPCOAT, MFR CODE N-112	JOTUN-BALTIMORE COPPER PAINT CO.	8010-00-410-8471
	BDYKL ESB391-7001-1	ESB INC	6810-00-419-0634
	BDYKM CAUSTIC POTASH 45% LIQUID	ASHLAND CHEMICAL CO	6810-00-419-0634
	BDYKN CAUSTIC POTASH SOLUTION	SPECTRUM CHEMICAL MFG CORP	6810-00-419-0634
	BDYKP CCA-412	J.T.BAKER CO.(CHEM COMMODITIES-DIST)	6810-00-419-0634
	BDYKV O-M-575A CLASS 3;MORPHOLINE 40 % SOLUTION	OCTAGON PROCESS INC.	6810-00-419-4298
	BDYKW MORPHOLINE	GEO.SENN, DIV.GLOBE SOLVENTS(PHIPPS PRODUCTS CORP)	6810-00-419-4298
	BDYKX MS-190 FLUX REMOVER	MILLER-STEPHENSON CHEMICAL CO.,INC.	3439-00-419-5004
	BDYLF PR-1436-G SPRAYABLE	PRODUCT RESEARCH & CHEMICAL CORPORATION	8030-00-419-8538
	BDYMC MIL-P-24441/3,FORM 152,WHITE,COMP A	MOBIL CHEMICAL	8010-00-421-2435
	BDYMD MIL-P-24441/3,FORM 152,WHITE,COMP B	MOBIL CHEMICAL	8010-00-421-2435
	BDYMF F-152, WHITE, MIL-P-24441/3, 6517S A	STANSON DETERGENTS, INC.	8010-00-421-2435
	BDYMG F-152, WHITE, MIL-P-24441/3, 6517S B	STANSON DETERGENTS, INC.	8010-00-421-2435
	BDYMH MD-8548, F-152, MIL-P-24441	DEVDE & RAYNOLDS CO, INC.	8010-00-421-2435
	BDYMJ MIL-P-24441/3A, TYPE 1	SEAGUARD CORP.	8010-00-421-2435
	BDYMK IL-P-24441/3A, TYPE 1	SEAGUARD CORP.	8010-00-421-2435
	BDYML MIL-P-24441/3 FORM. 152,COMPONENT A	KOPPERS COMPANY, INC.	8010-00-421-2435
	BDYMM MIL-P-24441/3 FORM.152 COMPONENT B	KOPPERS COMPANY, INC.	8010-00-421-2435
	BDYMN A-1202-152, WHITE	KOPPERS COMPANY, INC.	8010-00-421-2435
	BDYMP T-1053-152, CLEAR	KOPPERS COMPANY, INC.	8010-00-421-2435
	BDYMQ F-152,5431 WHITE TOP COAT,MFR CODE N-111	JOTUN-BALTIMORE COPPER PAINT CO.	8010-00-421-2435
	BDYNM MINERAL OIL, PART-A	HURON INDUSTRIES, INCORPORATED	9150-00-424-3215
	BDYNN GRAPHITE,SYNTHETIC	HURON INDUSTRIES, INCORPORATED	9150-00-424-3215
	BDYNP RED LEAD, MINIMUM, MINERAL ORANGE, PART C	HURON INDUSTRIES, INCORPORATED	9150-00-424-3215
	BDYNQ MIL-L-24479B,TYPE I,LUBRICANT KIT(MINERLOIL	GRAPHITE PRODUCTS CORPORATION	9150-00-424-3215
	BDYNR MIL-L-24479B,TYPE I,LUBRICANT KIT(RED LEAD)	GRAPHITE PRODUCTS CORPORATION	9150-00-424-3215
	BDYNS MIL-L-24479B,TYPE I,LUBRICANT KIT(MINERLOIL	GRAPHITE PRODUCTS CORPORATION	9150-00-424-3215
	BDYNT #729,ARTIFICIAL GRAPHITE	CUMMINGS-MOORE GRAPHITE COMPANY	9150-00-424-3215
	BDYNV RED LEAD,MINIMUM,MINERAL ORANGE	HAMMOND LEAD PRODUCTS INC(MFR);CUMMINGS-MOORE(DIST)	9150-00-424-3215
	BDYNW ISOPROPYL ALCOHOL, PART-A	HURON INDUSTRIES, INCORPORATED	9150-00-424-3224
	BDYNX MOLYSULFIDE	HURON INDUSTRIES, INCORPORATED	9150-00-424-3224
	BDYNY MOLY SULFIDE	CLIMAX MOLYBDENUM CO;A DIV OF AMAX INC.	9150-00-424-3224
	BDYNZ ISOPROPYL ALCOHOL	ASHLAND CHEMICAL CO	9150-00-424-3224
	BDYPB ISOPROPYL ALCOHOL, ISOPROPANOL	GRAPHITE PRODUCTS CORPORATION	9150-00-424-3224
	BDYPC MOLYBDENUM DISULFIDE	GRAPHITE PRODUCTS CORPORATION	9150-00-424-3224
	BDYPD ISOPROPYL ALCOHOL	UNIVAR CORP VAN WATERS AND ROGERS INC.	9150-00-424-3224
	BDYSS PT-426-PT-428	PRODUCTS/TECHNIQUES, INC.	8010-00-432-7130
	BDYST PT-428 COMP B	PRODUCTS/TECHNIQUES, INC.	8010-00-432-7130
	BDYXD CARBOLINE 1970 PRIMER, GREEN, MO40	CARBOLINE COMPANY	8010-00-437-6757

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BDYXF F-150, GREEN BASE, MIL-P-24441/1, 5805	INTERNATIONAL PAINT COMPANY, INC.	8010-00-437-675
BDYXG F-150, GRN RET, MIL-P-24441/1, 5804	INTERNATIONAL PAINT COMPANY, INC.	8010-00-437-6757
BDYXH MIL-P-24441/1, FORM 150, GREEN, COMP A	MOBIL CHEMICAL	8010-00-437-6757
BDYXJ MIL-P-24441/1, FORM 150, GREEN, COMP B	MOBIL CHEMICAL	8010-00-437-675
BDYXK F-150, GREEN PRIMER, MIL-P-24441/1 6515S A	STANSON DETERGENTS, INC.	8010-00-437-4757
BDYXL F-150, GREEN PRIMER, MIL-P-24441/1, 6515S B	STANSON DETERGENTS, INC.	8010-00-437-675
BDYXM MD-8733, F-150, MIL-P-24441	DEVOE & RAYNOLDS CO., INC.	8010-00-437-675
BDYXN MD8734-GREEN PRIMER	DEVOE & RAYNOLDS CO.	8010-00-437-675
BDYXP MD-8733, GREEN PRIMER, MIL-P-24441/1 PART 1	DEVOE & RAYNOLDS CO	8010-00-437-6757
BDYXQ MD8734, GREEN PRIMER, MIL-P-24441/1 PART B	DEVOE & RAYNOLDS CO	8010-00-437-675
BDYXR MIL-P-24441/1-150, COMP B	KOPPERS COMPANY, INC.	8010-00-437-675
BDYXS F-150, 5429 GREEN PRIMER, MFR CODE G-452	JOTUN-BALTIMORE COPPER PAINT CO.	8010-00-437-6757
BDYXT F-150, 5428 GREEN PRIMER, MFR CODE N-110	JOTUN-BALTIMORE COPPER PAINT CO.	8010-00-437-6757
BDZBD RP SUPER FILTER COAT	RESEARCH PRODUCTS CORP	8040-00-444-875
BDZBF RP SUPER FILTER COAT	RESEARCH PRODUCTS CORP	8040-00-444-8752
BDZBG RP SUPER FILTER COAT AIR FILTER ADHESIVE	RESEARCH PRODUCTS CORP	8040-00-444-8752
BDZHL ROYCO 308	ROYAL LUBRICANTS COMPANY, INC.	9150-00-458-007
BDZHM ROYCO 308A	ROYAL LUBRICANTS COMPANY, INC.	9150-00-458-007
BDZHN BRAYCO 300	BURMAH-CASTROL INC-BRAY PRODUCTS DIV.	9150-00-458-0075
BDZHP LUBRICATING OIL, GENERAL PURPOSE	MALTER INTERNATIONAL CORPORATION	9150-00-458-0075
BDZHR WV-L-800A, LUBRICATING OIL, GENERAL PURPOSE	MALTER INTERNATIONAL CORPORATION	9150-00-458-0075
BDZHS WV-L-800A, OCTOIL 90	OUTAGON PROCESS INC.	9150-00-458-0075
BDZHT WV-L-800 LUBE OIL	OUTAGON PROCESS INC.	9150-00-458-0075
BDZHV PETROTECT 4072C	OUTAGON PROCESS INC.	9150-00-458-0075
BDZHW WV-L-800 LUBE OIL	OUTAGON PROCESS INC.	9150-00-458-0075
BDZIM DIAFINE DEVELOPER, PHOTOGRAPHIC	AMERICAN WRITING INK CO., INC.	9150-00-458-0075
BDZIN DIAFINE DEVELOPER "B" BATH	PENRECO DIVISION, PENNZOIL	9150-00-458-0075
BDZMP ACRUMAT DEVELOPER REPLENISHER	AMERICAN OIL SUPPLY COMPANY	9150-00-458-0075
BDZMQ DIAFINE "A"	ACUFINE, INC.	6750-00-466-0287
BDZMR DIAFINE "B"	ACUFINE, INC.	6750-00-466-0287
BDZTD TRI-ETHANE	ACUFINE, INC.	6750-00-466-0287
BDZTF MIL-T-81533A; 1,1,1-TRICHLOROETHANE	ACUFINE, INC.	6750-00-466-0287
BDZTG TRI-ETHANE	PPG INDUSTRIES, INC. (MFR) AMCO CHEM CORP (DISTRBR)	6810-00-476-5612
BDZTH CHLOROTHENE (R) SM SOLVENT	OCTAGON PROCESS INC.	6810-00-476-5612
BDZTJ 16222, CHLOROTHENE (R) VG	MICHEL & PELTON COMPANY	6810-00-476-5612
BFBKT 794-620	DOW CHEMICAL U.S.A (MFR) PHIPPS PRODUCTS (DISTRIBU)	6810-00-476-5612
BFBMV KODAK REPLENISHER D-76R	AMCO CHEMICAL CORP	6810-00-476-5612
BFBNT KARBALDY POTASSIUM CARBONATE SOLUTION	AMERON INDUSTRIAL COATINGS DIVISION	8010-00-495-0090
BFBNV MIL-E-24416, AQUEOUS POTASSIUM CARBONATE	EASTMAN KODAK CO.	6750-00-498-2557
BFBNW POTASSIUM CARBONATE SOLUTION, TECH GR	AUTOMATIC SPRINKLER CO (ATO, INC)	6810-00-499-5825
BFBNX MIL-E-24416A	LAB SUPPLY CORPORATION	6810-00-499-5825
BFCBT COLOR Y	CHEMICAL COMMODITIES AGENCY	6810-00-499-5825
BFCBV 1063-166, PAINT PRIMER	OCTAGON PROCESS INC.	6810-00-499-5825
BFCBW YELLOW, PRIMER BTTP1757	AMERON INDUSTRIAL COATINGS DIVISION	8010-00-515-2208
BFCBX TT-P-1757, COMP L, COLOR Y	E. I. DUPONT (PPG INDUST, UNION CARBIDE DOW CHEM)	8010-00-515-2208
BFCBY X-3917 ZINC CHROMATE PRIMER	DAVLIN PAINT CO.	8010-00-515-2208
BFCBZ 723434 16L	CHEMRAY COATINGS CORPORATION	8010-00-515-2208
BFCDB ZINC CHROMATE PRIMER, TT-P-1757, YELLOW	SENTRY PAINT & CHEMICAL CO, DARBY PA. 19023	8010-00-515-2208
BFCDE N-1030	PRATT & LAMBERT	8010-00-515-2208
BFCDF ADHESIVE	RANDOLPH PRODUCTS CO.	8010-00-515-2208
BFCDD BOSTIK 1125, PART A (PART B= BOSCODUR #25)	SHORE CHEMICAL	8040-00-515-2246
BFCDE BOSCODUR #25, PART B (PT A=BOSTIK 1125)	TRANSWORLD ADHESIVE & CHEM. CORP.	8040-00-515-2246
BFCDF BOSCODUR #25, PART B (PT A=BOSTIK 1125)	BOSTIK DIVISION, USM CORP., EMHART INDUSTRIES INC.	8040-00-515-2246
BFCFK GACO N-700-A GREY	BOSTIK DIVISION, USM CORP., EMHART INDUSTRIES INC.	8040-00-515-2246
BFCFS FORMULA 237H, NON-SKID DECK COAT, YELLOW	GATES ENGINEERING CO., INC	8030-00-515-248F
BFCFT FORMULA 237H, NON-SKID DECK COAT, RED	DEVOE MARINE COATING CO	5610-00-515-9975
	DEVOE MARINE COATING CO	5610-00-515-9976

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MSDS	TRADE NAME	MANUFACTURER	NSN
	BFCFV FORMULA 237H, NON-SKID DECK COAT, OLIVE DRAB	DEVCO MARINE COATING CO	5610-00-516-0013
	BFCFW DEVRAN (23793)	LION OIL CO	5610-00-516-0014
	BFCFX FORMULA 237H, NON-SKID DECK COAT, HAZE GRAY	DEVCO MARINE COATING CO	5610-00-516-0014
	BFCFY PR-1139-HP, TYPE I&II	PRODUCT RESEARCH & CHEMICAL CORPORATION	5610-00-516-0021
	BFCFZ FORMULA 237H, NON-SKID DECK COAT, DULL BLACK	DEVCO MARINE COATING CO	5610-00-516-0021
	BFCGB PM 1066	PALMER PRODUCTS, INC	5610-00-516-0022
	BFCGC PM1066 HARDENER, PART B	PALMER PRODUCTS, INC	5610-00-516-0022
	BFCGD DEVRAN	DEVCO & RAYNOLDS CO	5610-00-516-0022
	BFCGF FORMULA 237H, NON-SKID DECK COAT, WHITE	DEVCO MARINE COATING CO	5610-00-516-0022
	BFCGG PR-1139-HP, PART A, YELLOW, 33538	PRODUCT RESEARCH & CHEMICAL CORPORATION	5610-00-516-0025
	BFCGH PR-1139-HP, PART B, YELLOW, 33538	PRODUCT RESEARCH & CHEMICAL CORPORATION	5610-00-516-0025
	BFCGJ EPOXD 2000XA, YELLOW, 33538, PART A	AMERICAN ABRASIVE METALS CO	5610-00-516-0025
	BFCGK EPOXD 2000XA, YELLOW, 33538, PART B	AMERICAN ABRASIVE METALS CO	5610-00-516-0025
	BFCGL PM1066	PALMER PRODUCTS, INC	5610-00-516-0038
	BFCGM PR-1139-HP, PART A, DARK GRAY, 36076	PRODUCT RESEARCH & CHEMICAL CORPORATION	5610-00-516-0038
	BFCGN PR-1139-HP, PART B, DARK GRAY, 36076	PRODUCT RESEARCH & CHEMICAL CORPORATION	5610-00-516-0038
	BFCGP EPOXD 2000XA, DARK GRAY, 36076, PART A	AMERICAN ABRASIVE METALS CO	5610-00-516-0038
	BFCGQ EPOXD 2000XA, DARK GRAY, 36076, PART B	AMERICAN ABRASIVE METALS CO	5610-00-516-0038
	BFCGR PR-1139-HP, PART A, DULL BLACK, 37038	PRODUCT RESEARCH & CHEMICAL CORPORATION	5610-00-516-0050
	BFCGS PR-1139-HP, PART B, DULL BLACK, 37038	PRODUCT RESEARCH & CHEMICAL CORPORATION	5610-00-516-0050
	BFCGT EPOXD 2000XA, DULL BLACK, 37038, PART A	AMERICAN ABRASIVE METALS CO	5610-00-516-0050
	BFCGV EPOXD 2000XA, DULL BLACK, 37038, PART B	AMERICAN ABRASIVE METALS CO	5610-00-516-0050
	BFCGW PM1066A, WHITE, FED STD 595, NO. 27886	PALMER PRODUCTS, INC	5610-00-516-0056
	BFCGX PM1066A, HARDENER, WHITE, FED STD 595, 27886	PALMER PRODUCTS, INC	5610-00-516-0056
	BFCGY PR-1139-HP, PART A, WHITE, 27886	PRODUCT RESEARCH & CHEMICAL CORPORATION	5610-00-516-0056
	BFCGZ PR-1139-HP, PART B, WHITE, 27886	PRODUCT RESEARCH & CHEMICAL CORPORATION	5610-00-516-0056
	BFCHB EPOXD 2000XA, WHITE, 27886, PART A	AMERICAN ABRASIVE METALS CO	5610-00-516-0056
	BFCHC EPOXD 2000XA, WHITE, 27886, PART B	AMERICAN ABRASIVE METALS CO	5610-00-516-0056
	BFCJK PM 1066	PALMER PRODUCTS, INC	5610-00-519-1852
	BFCJL PM1066 HARDENER	PALMER PRODUCTS, INC	5610-00-519-1852
	BFCJM DEVRAN	DEVCO & RAYNOLDS CO	5610-00-519-1852
	BFCJN FORMULA 237H, NON-SKID DECK COAT, DARK GRAY	DEVCO MARINE COATING CO	5610-00-519-1852
	BFCMB TECTYL 846	ASHLAND OIL INC	8030-00-526-1605
	BFCMC TECTYL 846	ASHLAND OIL INC	8030-00-526-1605
	BFCMD PETROTECT AMBER, CODE 4040	PENRECO DIVISION, PENNZOTL	8030-00-526-1605
	BFCNW DETERGENT GENERAL PURPOSE	CONTINENTAL CHEMICAL CORP.	7930-00-526-2919
	BFCNX SYNTHETIC BUILD LIQUID DETERGENT		7930-00-526-2919
	BFCNY DETERGENT PD 223 B (FED SPEC)	BOUGHT ACCORDING TO SPEC	7930-00-526-2919
	BFCNZ PD-223C	NATIONAL CHEMICAL LABORATORIES OF PA, INC.	7930-00-526-2919
	BFCPL PETROLEUM WAX MIL-W-18418B/OS/	CHEMICAL COMMODITIES AGENCY	9160-00-526-4159
	BFCPM ANDOK C	EXXON COMPANY, U.S.A.	9150-00-526-4205
	BFCPN 13212	SOUTHWEST PETRO-CHEM, INC	9150-00-526-4205
	BFCPP LUBRIKO M-24-M	MASTER LUBRICANTS COMPANY	9150-00-526-4205
	BFCQC DETERGENT, GENERAL PURPOSE	CONTINENTAL CHEMICAL CORP.	7930-00-527-1237
	BFCQD P-D-220B, TYPE II, LIQUID CONC DETERGENT	CARROLL COMPANY	7930-00-527-1237
	BFCQF METHYLCHLOROFORM, INHIBITED	STANSON DETERGENTS, INC.	7510-00-527-1458
	BFCQG TYPE CLEANER	AMERICAN WRITING INK CO., INC.	7510-00-527-1458
	BFCQL CLEAR LAQUER	AMERON INDUSTRIAL COATINGS DIVISION	8010-00-527-1508
	BFCQM N-238 MIL-L-19537C LACQUER: ACRYLIC-NITROCEL	LENMAR LACQUERS, INC	8010-00-527-1508
	BFCQN 791802 LAC. ACRYLIC N/C GLOSS NPCR CLEAR	PRATT & LAMBERT	8010-00-527-1508
	BFCQP LACQUER ACRYLIC NITROCELLULOSE, L-719 CLEAR	KOPPERS COMPANY, INC.	8010-00-527-1508
	BFCQV YELLOW 13538	AMERON INDUSTRIAL COATINGS DIVISION	8010-00-527-2045
	BFCQW TT-E-489F YELLOW, 13538, ENAMEL, ALKYD, GLOSS	CHEMRAY COATINGS CORPORATION	8010-00-527-2045
	BFCQX 13538-YELLOW	PRATT & LAMBERT	8010-00-527-2045
	BFCQY TT-E-489	EVERSEAL MFG/RIDGEFIELD, NJ 07657	8010-00-527-2045
	BFCQZ TT-E-489F, YELLOW #13538 (PAINT)	ATLAS PAINT AND VARNISH COMPANY	8010-00-527-2045

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MSDS	TRADE NAME	MANUFACTURER	NSN
BFCRB	GLOSS YELLOW 13538	PRATT & LAMBERT-WICHITA DIV.	8010-00-527-2045
BFCRC	BLACK #17038	AMERON INDUSTRIAL COATINGS DIVISION	8010-00-527-2050
BFCRD	ENAMEL ALKYD GLOSS BLACK 17038	PRATT & LAMBERT	8010-00-527-2051
BFCRF	ENAMEL ALKYD GLOSS BLACK 742702	PRATT & LAMBERT	8010-00-527-2052
BFCRG	BLACK 17038,ENAMEL ALKYD GLOSS 742-702	AMERON INDUSTRIAL COATINGS DIVISION	8010-00-527-2053
BFCRH	ENAMEL ALKYD GLOSS BLACK 17038	PRATT & LAMBERT	8010-00-527-2054
BFCRJ	A-98F-66 17038 BLACK	KOPPERS COMPANY, INC.	8010-00-527-2055
BFCRK	BLACK(PAINT) TT-E-489F	ATLAS PAINT AND VARNISH COMPANY	8010-00-527-2056
BFCRZ	GRAY #16473	AMERON INDUSTRIAL COATINGS DIVISION	8010-00-527-2478
BFCSB	P-935 MIL-L-19537C LACQUER:ACRYLIC-NITROCEL	LENMAR LACQUERS, INC	8010-00-527-2479
BFCSC	791606 LAC ACRYLIC N/C GLOSS GRAY 16473	PRATT & LAMBERT	8010-00-527-2478
BFCSD	LACQUER ACRYLIC MIL-L-19537C AM.3	KOPPERS COMPANY, INC.	8010-00-527-2478
BFCSJ	BLUE #15102	AMERON INDUSTRIAL COATINGS DIVISION	8010-00-527-2478
BFCSK	LAC ACRYLIC N/C GLOSS NPCR BLUE 15102	PRATT & LAMBERT	8010-00-527-2478
BFCSL	GRAY #16081	AMERON INDUSTRIAL COATINGS DIVISION	8010-00-527-2478
BFCSM	791602 LAC ACRYLIC N/C GLOSS NPCR GRY 6081	PRATT & LAMBERT	8010-00-527-2478
BFCSN	WHITE #17875	AMERON INDUSTRIAL COATINGS DIVISION	8010-00-527-2478
BFCSP	P-893 MIL-L-19537C LACQUER:ACRYLIC-NITROCEL	LENMAR LACQUERS, INC	8010-00-527-2478
BFCSQ	791716 LAC ACRYLIC N/C GLOSS WHITE 17875	PRATT & LAMBERT	8010-00-527-2478
BFCSR	NITROCELLULOSE LACQUER-WHITE 17875	J.LANDAU & CO., INC., 214 WASHINGTON AV, CARSTADT, NJ	8010-00-527-2478
BFCSY	YELLOW #13538	AMERON INDUSTRIAL COATINGS DIVISION	8010-00-527-2478
BFCSZ	791310 LACQUER ACRYLIC N/C GLOSS ORANGE YEL	PRATT & LAMBERT	8010-00-527-2478
BFCTB	GREEN #14187	AMERON INDUSTRIAL COATINGS DIVISION	8010-00-527-2478
BFCTF	BLACK #17038	AMERON INDUSTRIAL COATINGS DIVISION	8010-00-527-2478
BFCTG	P-930, BLACK 17038, LACQUER	LENMAR LACQUERS, INC	8010-00-527-2500
BFCTH	791704 LAC ACRYLIC N/C GLOSS NPCR BLK 17038	PRATT & LAMBERT	8010-00-527-2500
BFCTJ	ORANGE #12197	AMERON INDUSTRIAL COATINGS DIVISION	8010-00-527-2500
BFCTK	791202 LACQUER-ACRYLIC N/C	PRATT & LAMBERT	8010-00-527-2500
BFCTZ	YELLOW #13538	AMERON INDUSTRIAL COATINGS DIVISION	8010-00-527-2500
BFCVB	791310 LACQUER ACRYLIC N/C GLOSS ORANGE YEL	PRATT & LAMBERT	8010-00-527-2500
BFCVC	ACRYLIC NC L-698 13538 ORANGE-YELLOW	KOPPERS COMPANY, INC.	8010-00-527-2500
BFCVZ	BROWN #10049	AMERON INDUSTRIAL COATINGS DIVISION	8010-00-527-2875
BFCWB	BLACK #37038	AMERON INDUSTRIAL COATINGS DIVISION	8010-00-527-2875
BFCWC	792702 LAC ACRYLIC N/C CAM BLACK 37038	PRATT & LAMBERT	8010-00-527-2875
BFCWD	792702 LAC ACRYLIC N/C	PRATT & LAMBERT	8010-00-527-2875
BFCWF	792-702	PRATT & LAMBERT-WICHITA DIV.	8010-00-527-2884
BFCYB	ORANGE # 12197-1	AMERON INDUSTRIAL COATINGS DIVISION	8010-00-527-3201
BFCYC	742200 ENAMEL, ALKYD, GLOSS ORANGE 12197-2	PRATT & LAMBERT	8010-00-527-3201
BFCYD	ORANGE # 12246	AMERON INDUSTRIAL COATINGS DIVISION	8010-00-527-3201
BFCYF	ENAMEL ALKYD GLOSS ORANGE 12246	PRATT & LAMBERT	8010-00-527-3201
BFCYB	742-206	PRATT & LAMBERT-WICHITA DIV.	8010-00-527-3201
BFCZC	STAY-SILV 15	J.W. HARRIS CO. INC	3439-00-528-8578
BFCZN	2-26(AEROSOL) #2004,2005,5-56 GOVT	CRC CHEMICALS	9150-00-529-7222
BFCZP	CRC 5-56(05005:COMMERCIAL,SEE ADDITIONAL)	CRC CHEMICALS	9150-00-529-7222
BFCZQ	CRC 5-56(05005:GOVT. ITEM,SEE ADDITIONAL)	CRC CHEMICALS	9150-00-529-7222
BFDDC	LEAD-COTE	LEAD-COTE, INC.	9150-00-530-6814
BFDDD	ACLC 110 HD	ALCO-METALUBE COMPANY	9150-00-530-6814
BFDDF	SA 827 7092 GREASE	SOUTHWEST PETRO-CHEM, INC	9150-00-530-6814
BFDDG	SA 827 5189;LEAD-COTE	SOUTHWEST PETRO-CHEM, INC	9150-00-530-6814
BFDDH	GREASE,MIL-6-10924D	SULFLO, INC.	9150-00-530-7369
BFDDR	MIL-6-10924D, GREASE, AUTOMOTIVE & ARTILLERY	BATTENFELD GREASE & OIL CORP. OF N.Y.	9150-00-530-7369
BFDDS	CALCIUM 12 HYDROXYSTEARATE GREASE	BATTENFELD GREASE & OIL CORP. OF N.Y.	9150-00-530-7369
BFDDT	SA 824 3332; (GREASE AUTOMOTIVE)	SOUTHWEST PETRO-CHEM, INC	9150-00-530-7369
BFDDW	P-D-220B, TYPE II, LIQUID CONC DETERGENT	CARROLL COMPANY	7930-00-530-8067
BFDDX	INSTITUTIONAL ALL PURPOSE CLEANER	CHUTE CHEMICAL COMPANY	7930-00-530-8067
BFDDY	F-D-220C, DETERGENT, GENERAL PURPOSE	SHERWAY APPLICATIONS	7930-00-530-8067

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MSDS	TRADE NAME	MANUFACTURER	NSN
	BDFDK LISA,ESTER SOAP	STAHL SOAP CORPORATION	8520-00-531-6484
	BDFDS MOLYKOTE G-N PASTE, ORGANIC BASE GREASE	DOW CORNING	9150-00-531-7854
	BDFDT CP 28 PASTE;GREASE PASTE	E/M CORPORATION;SUB OF GREAT LAKES CHEMICAL CORP	9150-00-531-7854
	BDFDX MIL-P-19453A,FORMULA 14ND (MFR CODE N-69-B)	JOTUN-BALTIMORE COPPER PAINT CO.	8010-00-531-8557
	BFDGB DETERGENT,GP TYPE II(LIQUID NON-IONIC)	CHEMSCOPE CORP.	7930-00-531-9715
	BFDGC DETERFENT GP, TYPE II	MICHEL & PELTON COMPANY	7930-00-531-9715
	BFDGD 9016-45-9 DETERGENT, GP, TYPE II	FORECHEM COMPANY	7930-00-531-9715
	BFDGF MIL-D-16791E TY II	OCTAGON PROCESS INC.	7930-00-531-9716
	BFDGG DETERGENT, GP TYPE II	MICHEL & PELTON COMPANY	7930-00-531-9716
	BFDGH 9016-45-9	FORECHEM COMPANY	7930-00-531-9716
	BFDKX 190 0703,FLEXCOLR STABLZR & REPL,PART A	EASTMAN KODAK CO.	6750-00-539-9540
	BFDKY 190 0703,FLEXCOLR STABILIZER & REPL,PART B	EASTMAN KODAK CO.	6750-00-539-9540
	BFDLK TEMPEST 16 OZ PROPANE CYLINDER PT-1600	TURNER INDUSTRIES,INC.	3439-00-542-0531
	BFDLR ROYCO 363B	ROYAL LUBRICANTS COMPANY,INC.	9150-00-542-1430
	BFDLS MIL-L-7870A	OCTAGON PROCESS INC.	9150-00-542-1430
	BFDLT MIL-L-7870 (LUBRICATING OIL GENERAL PURPOSE)	AMERICAN WRITING INK CO., INC.	9150-00-542-1430
	BFDLV BRAYCO 363	BRAY OIL COMPANY,INC	9150-00-542-1430
	BFDLZ MIL-R-17882C ASSY 1,EPOXY	BONDED PRODUCTS, INC.	4730-00-542-3359
	BFDMB MIL-R-17882C ASSY 1,HARDNER	BONDED PRODUCTS, INC.	4730-00-542-3359
	BFDMC EPI-SEAL UNIVERSAL RESIN,EPOXY,PART A	BONDED PRODUCTS,INCORPORATED	4730-00-542-3359
	BFDMD EPI-SEAL UNIVERSAL RESIN,HARDNER,PART B	BONDED PRODUCTS,INCORPORATED	4730-00-542-3359
	BFDMF 6003,EPOXY ADHESIVE,RESIN	PALMER PRODUCTS, INC	4730-00-542-3362
	BFDMG 403,EPOXY ADHESIVE,HARDENER	PALMER PRODUCTS, INC	4730-00-542-3362
	BFDMH EPOXY MIX ASSEMBLY II, PART A	BONDED PRODUCTS, INC.	4730-00-542-3362
	BFDMJ CURING AGENT ASSEMBLY II, PART B	BONDED PRODUCTS, INC.	4730-00-542-3362
	BFDMK PHILLYBOND,6 HARDENER	PHILADELPHIA RESINS CORP.	4730-00-542-3362
	BFDML PHILLYBOND,6 RESIN	PHILADELPHIA RESINS CORP.	4730-00-542-3362
	BFDPC BROMOTRIFLUOROMETHANE	THREE BOND OF AMERICA INC	6830-00-543-6623
	BDFPD MIL-C-25369,CYLINDER,CARBON DIOXIDE,FOR INF	THREE BOND OF AMERICA INC	4220-00-543-6693
	BDFPT ROYCO 81 MS	ROYAL LUBRICANTS COMPANY,INC.	9150-00-543-7220
	BDFPV LUBRICANT MOLYBDENUM DISULFIDE/SILICONE	PROCESS RESEARCH PRODUCTS	9150-00-543-7220
	BDFPW LUBRICATING OIL, MOLYBDENUM DISULFIDE	STANSON DETERGENTS, INC.	9150-00-543-7220
	BDFPX LUBRICATING OIL,MOLYBDENUM DISULFIDE	CLEAN-CHEM CORP	9150-00-543-7220
	BDFPY BL 1398	BEESTON,INC.	9150-00-543-7220
	BDFPZ LUBRICANT (DOD-L-25681D)	CONVOY OIL CORP	9150-00-543-7220
	BFDQB SDA-3A,190 PROOF DENATURED ALCOHOL	USI CHEMICALS CO. DIV. OF NTL. DISTILLERS & CHEM.	6810-00-543-7415
	BFDQC O-E-760,ALCOHOL DENATURED,GR III	OCTAGON PROCESS INC.	6810-00-543-7415
	BFDQD O-E-760,ALCOHOL, DENATURED,FORM 3A,GRADE III	SHELL CHEMICAL CO A DIV OF SHELL OIL CO.	6810-00-543-7415
	BFDQE T5006	TURCO PRODUCTS, INC.	6850-00-543-7801
	BFDQR TURCO TRANSPD NEW	TURCO PRODUCTS, INC.	6850-00-543-7801
	BFDQS TURCO TRANSPD 6X,	TURCO PRODUCTS, INC.	6850-00-543-7801
	BFDQT TURCO SUPER-CARB	TURCO PRODUCTS, INC.	6850-00-543-7801
	BFDQV TURCO 3310(SUPER-CARB)	TURCO PRODUCTS, INC.	6850-00-543-7801
	BFDQW TURCO SUPER-CARB(T-3310)	TURCO PRODUCTS, INC.	6850-00-543-7801
	BFDQX TURCO TRANSPD 6X (NEW FORM)	TURCO PRODUCTS, INC.	6850-00-543-7801
	BFDQY HARCO 121	CONCORD CHEMICAL CO, INC	6850-00-543-7801
	BFDQZ MAGNUCARB 768, MIL-C-19853B TY II	MAGNUS DIV, ECONOMICS LABORATORY, INC.	6850-00-543-7801
	BFDRE OKITE CARBAYAW	OAKITE PRODUCTS, INC.	6850-00-543-7801
	BFDRC CT-2400;PAINT REMOVER	ELDORADO CHEMICAL COMPANY, INC	6850-00-543-7801
	BFDRE CT-2400;PAINT REMOVER	ELDORADO CHEMICAL COMPANY, INC	6850-00-543-7801
	BFDRE COR PDF 6	CORAL CHEMICAL COMPANY	6850-00-543-7801
	BFDRE CLEANER 580	INLAND SPECIALTY CHEMICAL CORP,SUB GRT LAKES CHEM	6850-00-543-7801
	BFDRE MIL-C-19853C,TY 1,CL 2,CARBON REMOV6 COMPD	MAGNAFLUX SURFACE CONDITIONERS INC.	6850-00-543-7801
	BFDRE INTEX 8790	INTEX PRODUCTS,INC.	6850-00-543-7801
	BFDRE MIL-C-19853,CARBON REMOVING CMPD.	OCTAGON PROCESS INC.	6850-00-543-7801
	BFDRE MIL-C-19853,CARBON REMOVING CMPD.	TRIO CHEMICAL WORKS,INC.	6850-00-543-7801

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MSDS	TRADE NAME	MANUFACTURER	NSN	PAGE
BFDTB	156 5175,FLEXICOLOR FIXER & REPLENISHER	EASTMAN KODAK CO.	6750-00-544-1529	
BFDTX	CORROSION PREVENTIVE COMPOUND, TY III	BULK CHEMICALS DISTRIBUTORS, INCORPORATED	8030-00-546-861	
BFDXF	HARCO 121 (CARBON REMOVING COMPOUND)	CONCORD CHEMICAL CO, INC	6850-00-550-745	
BFDXG	OKITE CARBAWAY	OKITE PRODUCTS, INC.	6850-00-550-153	
BFDXH	CT-2400	ELDORADO CHEMICAL COMPANY, INC	6850-00-550-745	
BFDXJ	CT2400NP	ELDORADO CHEMICAL COMPANY, INC	6850-00-550-745	
BFDXK	MIL-C-19853C, TY I, CL 2, CARBN REMOVG COMPD	MAGNAFLUX SURFACE CONDITIONERS INC.	6850-00-550-7453	
BFDXL	TURCO TRANSPD	TURCO PRODUCTS INC. SUBSIDIARY OF PENNVALT INC.	6850-00-550-7453	
BFDXM	TURCO TRANSPD SX	TURCO PRODUCTS INC. SUBSIDIARY OF PENNVALT INC.	6850-00-550-745	
BFDXN	TURCO SUPER-CARB	TURCO PRODUCTS INC. SUBSIDIARY OF PENNVALT INC.	6850-00-550-7453	
BFDXP	TURCO 3310 (SUPER-CARB)	TURCO PRODUCTS INC. SUBSIDIARY OF PENNVALT INC.	6850-00-550-7453	
BFDXQ	TURCO SUPER-CARB(T-3310)	TURCO PRODUCTS INC. SUBSIDIARY OF PENNVALT INC.	6850-00-550-745	
BFDXR	CEE-BEE R-423A	MCGEAN CHEMICAL COMPANY, INC.	6850-00-550-745	
BFDXS	INTEX 8790	INTEX PRODUCTS, INC.	6850-00-550-7453	
BFDXT	MIL-C-19853	OCTAGON PROCESS INC.	6850-00-550-745	
BFDXY	MIL-P-19453A, FORMULA 14N (MFR CODE N-68)	JOTUN-BALTIMORE COPPER PAINT CO.	8010-00-550-830	
BFDXZ	MIL-P-19453A, FORMULA 14N (MFR CODE N-69-B)	JOTUN-BALTIMORE COPPER PAINT CO.	8010-00-550-8305	
BFDYF	DAP BUTYL GUTTER & LAP SEALANT	DAP INC	8030-00-550-862R	
BFDYG	DAP BUTYL GUTTER & LAP SEALER, TT-C-001796	DAP INC	8030-00-550-865	
BFDYM	TPD-801, IRON BLUE (PRUSSIAN), 2A	KALCOR COATINGS	8010-00-551-0125	
BFDYN	TTP-381, COLOR 2A IRON BLUE, 10-860	SHEFFIELD BRONZE PAINT CORPORATION	8010-00-551-0128	
BFDYB	GENESOLV D SOLVENT (FREON 113)	ALLIED CORPORATION CHEMICAL SECTOR	6830-00-551-085	
BFDYR	FREON 113; TRICHLOROTRIFLUOROETHANE	E. I. DUPONT DE NEMOURS & CO., INC.	6830-00-551-085	
BFFBR	BLUE #15044	AMERON INDUSTRIAL COATINGS DIVISION	8010-00-551-7933	
BFFBS	791504 LAC ACRYLIC N/C GLOSS NPCR BLUE	PRATT & LAMBERT	8010-00-551-7933	
BFFBT	NITROCELLULOSE LACQUER-YELLOW 13538	J. LANDAU & CO., INC, 214 WASHINGTON AV, CARSTADT, NJ	8010-00-551-793	
BFFJJ	CLEANING COMPOUND	CONTINENTAL CHEMICAL CORP.	7930-00-558-1111	
BFFJK	BARFOAM	CHIEF CHEM. CO., INC. (EPIC CHEM CO)	7930-00-558-1111	
BFFJV	THINNER PAINT; TT-T-291, TYPE 1, GRADE A	SPE-DE-WAY PRODUCTS CO., INC.	8010-00-558-702	
BFFJW	TT-T-291F THINNER	STIC-ADHESIVE PRODUCTS CO, INC.	8010-00-558-2	
BFFJX	ESPE SOL 300-6	CHARTER CHEMICALS/CHARTER INTERNATIONAL OIL CO.	8010-00-558-7026	
BFFJY	MINERAL SPIRITS 75	UNION CHEMICALS DIVISION, UNION OIL COMPANY OF CALI	8010-00-558-7027	
BFFJZ	291E	BOUGHT ACCORDING TO SPEC	8010-00-558-7027	
BFFKB	350B THINNER	CHEVRON CHEMICAL CORP.	8010-00-558-7026	
BFFKC	ED-370	ELDORADO CHEMICAL COMPANY, INC	6850-00-559-2836	
BFFKL	COREM S-1	CORAL CHEMICAL COMPANY	6850-00-559-2836	
BFFKM	DEGREASER II	MAGNAFLUX SURFACE CONDITIONERS INC.	6850-00-559-2836	
BFFKN	PPW-20	PAR. CHEM PRODUCTS INC.	6850-00-559-2836	
BFFKP	TURCO KLENE	TURCO PRODUCTS INC. SUBSIDIARY OF PENNVALT INC.	6850-00-559-2836	
BFFKB	P-C-444	OCTAGON PROCESS INC.	6850-00-559-2836	
BFFKR	SOLVENT EMULSION CLEANER,	TURCO PRODUCTS	6850-00-559-2836	
BFFKV	ROYCO 601A	ROYAL LUBRICANTS COMPANY, INC.	9150-00-559-3071	
BFFLC	LITHIUM HYDROXIDE ANHYDROUS	FOOTE MINERAL CO	6810-00-559-3261	
BFFLD	LITHIUM HYDROXIDE	POLY RESEARCH CORP	6810-00-559-3261	
BFFLF	CLASS 3 RESIN TO FED SPEC D-I-1279A	SYBRON CHEMICALS INC	6810-00-559-3267	
BFFLG	PURCLITE C-100-H ION EXCHANGE RESIN	THE PURCLITE CO., DIV OF BRO-TECH CORP	6810-00-559-3267	
BFFLH	DOWEX SBR; SBR-P; MSA-1; II-STRONG BASE ANIONR	DOW CHEMICAL U.S.A(MFR)PHIPPS PRODUCTS (DISTRIBU)	6810-00-559-3267	
BFFLR	SODIUM HYDROGEN SULFATE	CONTINENTAL CHEMICAL CORP.	7930-00-559-9481	
BFFPT	CLEANING & LUBRICATING COMPOUND, ELEC CONTACT	CHEMTRONICS, INC.	6850-00-570-9360	
BFFPV	ELECTRIC CONTACT, CLEANG & LUBRICATING CMPD	CHEMTRONICS, INC.	6850-00-570-9360	
BFFPW	KONTACT CLEAN	CHEMTRONICS, INC.	6850-00-570-9360	
BFFPX	XL-100	MALTER INTERNATIONAL CORPORATION	6850-00-570-9360	
BFFPY	CLEANING & LUBRICATING CPD, ELECTRIC CONTACT	STANSON DETERGENTS, INC.	6850-00-570-9360	
BFFPZ	CLEANING, LUBRICATING COMPOUND, ELECTRICAL	CHEMSCOPE CORP.	6850-00-570-9360	
BFFQB	NO BOND-101 LUBRICANT	BULK CHEMICALS DISTRIBUTORS, INCORPORATED	6850-00-570-760	
BFFQC	MIL-C-83360 TYPE II	BULK CHEMICALS DISTRIBUTORS, INCORPORATED	6850-00-570-760	

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MSDS	TRADE NAME	MANUFACTURER	NSN
	BFFOD #7594,CLEANING AND LUBRICATING COMPOUND	ALLIED ENTERPRISES INC.	6850-00-570-9360
	BFFGF ULTRA-SOLV	PICKETT ENTERPRISES,INC.	6850-00-570-9360
	BFFQG 10-8666 SPRA-KLEEN	GC ELECTRONICS	6850-00-570-9360
	7QW A-541-B	BF GOODRICH GEN. PRO. CO./AKRON, OH	8040-00-573-1502
	BFFTN BLUE #15177	AMERON INDUSTRIAL COATINGS DIVISION	8010-00-577-4225
	BFFTP GLOSS BLUE 15177	PRATT & LAMBERT-WICHITA DIV.	8010-00-577-4225
	BFFTT BB-0-925,OXYGEN,TECH,GAS,TY I,GR B	BOUGHT ACCORDING TO SPEC	6830-00-577-4510
	BFFVM GREEN 24585 SEMIGLOSS B246076N	DAVLIN PAINT CO.	8010-00-577-4734
	BFFVN FORMULA 125 ENAMEL PASTEL GRN	STANSON DETERGENTS, INC.	8010-00-577-4734
	BFFVP FORMULA 124, 125, 126 ENAMEL	STIC-ADHESIVE PRODUCTS CO, INC.	8010-00-577-4734
	BFFVQ GREEN 24585 SEMIGLOSS B246076N	DAVLIN PAINT CO.	8010-00-577-4735
	BFFVR FORMULA 125 ENAMEL,PASTEL GRN	STANSON DETERGENTS, INC.	8010-00-577-4735
	BFFVS BULKHEAD GRAY SEMIGLOSS B246076G	DAVLIN PAINT CO.	8010-00-577-4736
	BFFVT FORMULA 126 ENAMEL, GRAYM MIL-E-17972	STANSON DETERGENTS, INC.	8010-00-577-4736
	BFFVW FORMULA 124,125,126 ENAMEL	STIC-ADHESIVE PRODUCTS CO, INC.	8010-00-577-4736
	BFFVX BULKHEAD GRAY SEMIGLOSS B246076G	DAVLIN PAINT CO.	8010-00-577-4737
	BFFVY FORMULA 126 ENAMEL,GRAY	STANSON DETERGENTS, INC.	8010-00-577-4737
	BFFVZ FORMULA 124,125,126 ENAMEL	STIC-ADHESIVE PRODUCTS CO, INC.	8010-00-577-4737
	BFFVZ ENAMEL,NONFLAMING(DRY)CHLORINATED(SUP DATA)	STIC-ADHESIVE PRODUCTS CO., INC	8010-00-577-4738
	BFFWB WHITE 27880 SEMIGLOSS B246076W	DAVLIN PAINT CO.	8010-00-577-4738
	BFFWC FORMUAL 124 ENAMEL, WHITE	STANSON DETERGENTS, INC.	8010-00-577-4738
	BFFWD FORMULA 124,125,126 ENAMEL	STIC-ADHESIVE PRODUCTS CO, INC.	8010-00-577-4738
	BFFWF FORMULA 124, WHITE 27880	ATLAS PAINT AND VARNISH COMPANY	8010-00-577-4738
	BFFWM GOLD BOND CAULKING COMPOUND	BAKER SEALANTS & COATINGS CO	8030-00-577-4740
	BFFWN DAP BUTYL GUTTER & LAP SEALER,TT-C-001796	DAP INC	8030-00-577-4740
	BFFWQ FORMULA 124/66, MIL-E-17970, WHITE ENAMEL	STANSON DETERGENTS, INC.	8010-00-577-4789
	BFFXD PHILUBE SMP GEAR OIL (GRADE 80)	PHILLIPS PETROLEUM COMPANY	9150-00-577-5841
	BFFGM BULLDOG NO.21016 ADHESIVE	ASHLAND OIL INC	8040-00-582-4596
	9F6FN HENRY NO 702 FIRETORD ADHESIVE	W.W HENRY CO.	8040-00-582-4596
	3GX GULF TS-864-46 HYDRAULIC FLUID	CHEVRON USA INC.	9150-00-582-5480
	BFF6Y IMPERIAL 2110TH,QUAL#634-D-346,P/N 263	IMPERIAL OIL CO., INC.	9150-00-582-5480
	BFF6Z HYDRAULIC FLUID,PETROLEUM INHIBITED 2110 TH	WITCO,SOUTHWEST PETRO-CHEM DIVISION	9150-00-582-5480
	BFF6B SE 861 0646;HYDRAULIC FLUID	SOUTHWEST PETRO-CHEM, INC	9150-00-582-5480
	BFF6C MIL-L-17672,MIL 2110-T-H SYM,HYDRAULIC FLD	SUN PETROLEUM PRODUCTS	9150-00-582-5480
	BFF6D GULF TS-864-68 HYDRAULIC FLUID	CHEVRON USA INC.	9150-00-584-2560
	BFF6J IMPERIAL 2135TH,QUAL#634-D-346,P/N 283	IMPERIAL OIL CO., INC.	9150-00-584-2560
	BFF6S SE 861 0668 (HYDRAULIC FLUID)	SOUTHWEST PETRO-CHEM, INC	9150-00-584-2560
	BFF6T SUNVIS 2135-TH(68)	SUN REFINING AND MARKETING COMPANY	9150-00-584-2560
	BFF6V GULF TS-864-32 HYDRAULIC FLUID	CHEVRON U.S.A., INC	9150-00-584-2560
	BFF6Y F-120,MIL-P-L5930,VINYL CHROMATE PAINT	SEAGUARD CORPORATION	8010-00-584-2953
	BFF6Z GENESOLV D SOLVENT (FREON 113)	ALLIED CORPORATION CHEMICAL SECTOR	6830-00-584-2957
	BFF6B FREON 113	E.I. DUPONT (PPG INDUST,UNION CARBIDE DOW CHEM)	6830-00-584-2957
	BFF6G BERNZOMATIC PROPANE CYLINDER	BERNZOMATIC	6830-00-584-3041
	BFF6H BB-G-110 TYPE II	BOUGHT ACCORDING TO SPEC	6830-00-584-3041
	BFF6I YELLOW #13578	AMERON INDUSTRIAL COATINGS DIVISION	8010-00-584-3082
	BFF6J ENAMEL, ALKYD, GLOSS YELLOW 13578	PRATT & LAMBERT	8010-00-584-3082
	BFF6K 742-312	PRATT & LAMBERT-WICHITA DIV.	8010-00-584-3082
	BFF6L XYLENE	EXXON COMPANY,U.S.A.	6810-00-584-4070
	BFF6M XYLENE	ASHLAND CHEMICAL CO	6810-00-584-4070
	BFF6N SHELL XYLENE;CODE:83391	SHELL OIL COMPANY	6810-00-584-4070
	BFF6O SCREEN WASH, 2555	NAZ DAR COMPANY	6810-00-584-4070
	BFF6P AMSCO SOLV 1420 XYLENE	UNION CHEMICALS DIVISION,UNION OIL COMPANY OF CALI	6810-00-584-4070
	BFF6Q XYLENE, TT-X-916	RANDOLPH PRODUCTS CO.	6810-00-584-4070
	BFF6R XYLENE	SUN REFINING AND MARKETING COMPANY	6810-00-584-4070
	7GQT TURCO 5889	TURCO PRODUCTS INC. SUBSIDIARY OF PENNWALT INC.	6850-00-584-4077
	7QV F.O.448 CLEANING COMPOUND	FINE ORGANICS CORPORATION	6850-00-584-4077

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DDS	TRADE NAME	MANUFACTURER	NSN	PAGE	3A
BFGGW	SOLVIT R	CLARKSON LABORATORIES, INC. (SEE SUPP DATA)	6850-00-584-4077		
BFGRC	SODIUM PHOSPHATE, DIBASIC, ANHYDROUS	J.T. BAKER CO. (CHEM COMMODITIES-DIST)	6810-00-584-425		
BFGRD	DSP	OCTAGON PROCESS INC.	6810-00-584-425		
BGGRF	DSP, DISODIUM PHOSPHATE	BERG CHEMICAL CO, INC.	6810-00-584-425		
BFGRG	O-S-639, DISODIUM PHOSPHATE	FMC CORPORATION (VDR-OCTAGON PROCESS)	6810-00-584-425		
BFGRH	O-S-639B, DISODIUM PHOSPHATE	FMC CORPORATION	6810-00-584-425		
BFGSC	FLUORO FINDER FL-22A PENETRANT	AMERICAN GAS & CHEM CO. LTD	6850-00-585-6425		
BFGSD	ARDROX 98E-P3	URESCO ARDROX	6850-00-585-6425		
BFGSF	ZL-22A ZYGLO PENETRANT (SEE SUPPL DATA)	MAGNAFLUX CORP.	6850-00-585-642		
BFGSG	ZL-22C ZYGLO PENETRANT (SEE SUPPL DATA)	MAGNAFLUX CORP.	6850-00-585-642		
BFGSH	SOLVENT III	VULCAN MATERIALS CO, CHEM. DIV.	6850-00-585-6426		
BFGSJ	TRACER TECH K 410C	URESCO ARDROX	6850-00-585-642		
BFGSK	SKC-NF/ZC-7B CLEANER/REMOVER	MAGNAFLUX CORP.	6850-00-585-642		
BFGSL	TURCO PRECHECK	TURCO PRODUCTS INC. SUBSIDIARY OF PENNVALT INC.	6850-00-585-6426		
BFGSM	5-501 REMOVER	MET-L-CHEK COMPANY	6850-00-585-6426		
BFGSV	COMPRESSED SHEET PACKING (STYLE 245)	NICOLET INC.	5330-00-585-950		
BFGSW	3605-3603	AZTEC INDUSTRIES INC.	5330-00-585-950		
BFGWG	PRIMER, ZINC CHROMATE, YELLOW, TT-P-645	CORONADO PAINT CO. 308 OLD COUNTY RD., EDGEWATER, FL	8010-00-593-5612		
BFGWH	FORMULA 84/47, ZINC CHROMATE PRIMER, TT-P-645	DEVOE MARINE COATING CO	8010-00-593-561		
BFGXZ	PAKOSOL 55-9A	PAKO CORP. INC.	6750-00-597-263		
BFGYB	GLOSS SOLUTION, PHOTOGRAPHIC PRINT.	CHEMICAL COMMODITIES AGENCY	6750-00-597-2638		
BFGYJ	METHANOL	AIR PRODUCTS AND CHEMICALS, INC.	6810-00-597-360		
BFGYK	METHANOL	FISHER SCIENTIFIC CO	6810-00-597-360		
BFGYL	METHANOL, SL GRADE	ALLIED CORPORATION CHEMICAL SECTOR	6810-00-597-3608		
BFGYM	METHANOL	CSD, INC	6810-00-597-3608		
BFGYN	METHANOL	ASHLAND CHEMICAL CO	6810-00-597-360		
BFGYP	METHANOL	AAFER ALCOHOL & CHEMICAL CO.	6810-00-597-360		
BFGYQ	METHYL ALCOHOL	CELANESE CHEMICAL CO (MFR) PHIPPS PRODUCT INC (DIST)	6810-00-597-3608		
BFGYR	WOOD ALCOHOL	OCTAGON PROCESS INC.	6810-00-597-360		
BFGYS	G-M-232, METHANOL, TECHNICAL	GEO. SENN, DIV. GLOBE SOLVENTS (PHIPPS PRODUCTS CORP)	6810-00-597-360		
BFGZC	LED-PLATE NO. 250	ARMITE LABORATORIES	8030-00-597-5367		
BFGZD	LIQUI MOLY NV THREAD COMPOUND	THE LOCKREY CO. INC.	8030-00-597-5367		
BFHBT	EX-2080	AMERON INDUSTRIAL COATINGS DIVISION	8010-00-597-7854		
BFHBV	VARNISH, BTTV119	DAVLIN PAINT CO.	8010-00-597-7856		
BFHBW	220900-TT-V-1194D	ENTERPRISE CHEMICAL COATINGS, CO.	8010-00-597-7856		
BFHCX	OIL STAIN, WOOD, INTERIOR	SFE-DE-WAY PRODUCTS CO., INC.	8010-00-597-8225		
BFHCY	9304 COLOR RICH WOOD STAIN	CARVER TRIPP COMPANY (CLOROX COMPANY)	8010-00-597-8225		
BFHFB	VV-L-825 TYPE II (CALVIS 300)	DAVIS-HOWLAND OIL CORP	9150-00-598-2911		
BFHFC	COMPROIL II	OCTAGON PROCESS INC.	9150-00-598-2911		
BFHSH	HOPCALITE CATALYS W/LITHIUM HYDROXIDE#27179	MINE SAFETY APPLIANCES CO	6850-00-605-7854		
BFHSJ	MIL-C-21665, CATALYST, CARB. MONOXIDE	THREE BOND OF AMERICA INC	6850-00-605-7854		
BFHYC	RED #11105	AMERON INDUSTRIAL COATINGS DIVISION	8010-00-616-7486		
BFHYD	TT-E-489 RED, 11105, ENAMEL, ALKYD, GLOSS	CHEMRAY COATINGS CORPORATION	8010-00-616-7486		
BFHYF	742106 ENAMEL, ALKYD, GLOSS RED 11105	PRATT & LAMBERT	8010-00-616-7486		
BFHYV	BLUE #15177	AMERON INDUSTRIAL COATINGS DIVISION	8010-00-616-7492		
BFHYW	742520 ENAMEL ALKYD GLOSS BLUE 15177	PRATT & LAMBERT	8010-00-616-7492		
BFHYX	742-520	PRATT & LAMBERT-WICHITA DIV.	8010-00-616-7492		
BFHYZ	GRANGE #12197-1	AMERON INDUSTRIAL COATINGS DIVISION	8010-00-616-7495		
BFHZB	742200 ENAMEL, ALKYD, GLOSS ORANGE 12197-2	PRATT & LAMBERT	8010-00-616-7495		
BFJAZ	742-200	PRATT & LAMBERT-WICHITA DIV.	8010-00-616-7495		
BFJBZ	BB-N-411, NITROGEN TECHNICAL, TY I, CL 1, GR B	BOUGHT ACCORDING TO SPEC	6830-00-616-9183		
BFJCR	DUSIL SG-146	STANSON DETERGENTS, INC.	9150-00-616-9212		
BFJCS	11 COMPOUND	DOW CORNING	9150-00-616-9212		
BFJCT	STOPCOCK GREASE	DOW CORNING	9150-00-616-9212		
BFJLJ	RINSE AID	INTERNATIONAL PRODUCTION AND DEVELOPMENT, INC.	7930-00-616-9275		
BFJJN	146 4106, RAPID FIXER, PART A	EASTMAN KODAK CO.	6750-00-616-9275		

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MSDS	TRADE NAME	MANUFACTURER	NSN
	BFJJJ 146 4106,RAPID FIXER,PART B	EASTMAN KODAK CO.	6750-00-619-9946
	BFJJQ 176-060 SERIES FIXER WITH HARDENER,PART A	CLAYTON CHEMICAL CO	6750-00-619-9946
	BFJJR 176-060A SERIES,CFH FIXER HARDENER,PART B	CLAYTON CHEMICAL CO	6750-00-619-9946
	JKF LEAK-TEC OX-05C	AMERICAN GAS & CHEM CO. LTD	6850-00-621-1819
	BFJKG MIL-L-25567D,TYPE II,LEAK DETECTION COMPD	BULK CHEMICALS DISTRIBUTORS, INCORPORATED	6850-00-621-1819
	BFJKH MIL-C-25567,LEAK DETECTION COMPOUND,TY 2	OCTAGON PROCESS INC.	6850-00-621-1819
	BFJKJ LEAK DETECTION COMPOUND(FOR OXYGEN SYSTEMS)	MC SEAN CHEM - CHEM COMMOD AGY, DIST	6850-00-621-1819
	BFJKK LEAK-TEC 16-OX (TYPE 1)	AMERICAN GAS & CHEM CO. LTD	6850-00-621-1820
	BFJKL MIL-L-25567A LEAK DETECTION COMPD O*2 SYST.	GENERAL CHEMICAL,INC.	6850-00-621-1820
	BFJKM MIL-L-25567D,TYPE I,LEAK DETECTION COMPOUND	BULK CHEMICALS DISTRIBUTORS, INCORPORATED	6850-00-621-1820
	BFJKN MIL-L-25567C TYPE I;LEAK DETECTION COMPOUND	OCTAGON PROCESS INC.	6850-00-621-1820
	BFJPN FORMULA 122-27,NO. 27 HAZE GRAY,MIL-E-15936	DEVOE MARINE COATING CO	8010-00-634-7324
	BFJRT A-A-19A SCALE REMOVING COMPOUND	BERNITE PRODUCTS,INC	6850-00-637-6142
	BFJRV SCALE REMOVING COMPOUND	CONTINENTAL CHEMICAL CORP.	6850-00-637-6142
	BFJRW OAKITE SR 120	OAKITE PRODUCTS, INC.	6850-00-637-6142
	BFJRX SCALE REMOVING COMPOUND	MADISON CHEM.CO.,INC.	6850-00-637-6142
	BFJSD LR-7130B-DARK GULL GRAY W W TYPE II #356231	AKRON PAINT & VARNISH CO	5610-00-641-0426
	BFJSF LR-7126B BLACK W W TYPE II #37038	AKRON PAINT & VARNISH CO	5610-00-641-0427
	BFJZV AC-26	ELBERLINE INSTRUMENT CORP	6830-00-656-0815
	BFKCF GASKET SEALING COMPOUND	STANSON DETERGENTS, INC.	8030-00-656-1426
	BFKCG FORM-A-GASKET 3	PERMATEX CO.INC,WEST PALM BEACH,FL. 33401	8030-00-656-1426
	BFKCP 3B-0-925,OXYGEN,TECH GAS & LIQUID,TY 1,6RC	BOUGHT ACCORDING TO SPEC	6830-00-656-1603
	BFKCS RAW LINSEED OIL	HONEYMEAD PRODUCTS CO.	8010-00-656-1639
	BFKDD MIL-C-13573,CALCIUM CHLORIDE,ANHYDROUS	SHAPE PRODUCTS	6810-00-658-4999
	BFKDF CALCIUM CHLORIDE,ANHYDROUS	CHEMICAL COMMODITIES AGENCY	6810-00-658-4999
	BFKDG CALCIUM CHLORIDE	MALLINCKRODT INC.,SCIENCE PRODUCTS DIVISION	6810-00-658-4999
	BFKDH CALCIUM CHLORIDE 94-97Z	UNIVAR CORP VAN WATERS AND ROGERS INC.	6810-00-658-4999
	BFKDM HELIUM	AIR PRODUCTS AND CHEMICALS,INC.	6830-00-660-0027
	BFKDN HELIUM	L&W INDUSTRIAL SUPPLY INC.	6830-00-660-0027
	KDP HELIUM,REFRIGERATED LIQUID	AIRCO WELDING PRODUCTS	6830-00-660-0027
	BFKFN LUBRIPLATE "630-AA"	FISKE BROTHERS REFINING COMPANY	9150-00-663-1770
	BFKFX ANDOK B	EXXON COMPANY,U.S.A.	9150-00-663-9795
	BFKGY SAB290032(13212)	SOUTHWEST PETRO-CHEM, INC	9150-00-663-9795
	BFKHZ LUBRIKO M-24-M	MASTER LUBRICANTS COMPANY	9150-00-663-9795
	BFKHH F-120,MIL-P-15930, VINYL CHROMATE PAINT	SEAGUARD CORPORATION	8010-00-664-0018
	BFKJS TRI-ETHANE	STANSON DETERGENTS, INC.	6810-00-664-0387
	BFKJT METHYLCHLOROFORM,INHIBITED	AMERICAN WRITING INK CO., INC.	6810-00-664-0387
	BFKJV SOLVENT 3812	BRULIN & COMPANY, INC.	6810-00-664-0387
	BFKJW METHYL CHLOROFORM	OCTAGON PROCESS INC.	6810-00-664-0388
	BFKJX CHLOROETHENE NU SOLVENT	GEO.SENN,DIV.GLOBE SOLVENTS(PHIPPS PRODUCTS CORP)	6810-00-664-0388
	BFKJY CHLOROETHENE SM SOLVENT;PRODUCT CODE:16896	DOW CHEMICAL U.S.A(MFR)PHIPPS PRODUCTS (DISTRIBU)	6810-00-664-0388
	BFKKZ 7 COMPOUND	DOW CORNING	6850-00-664-1257
	BFKLC ANTIFREEZE COOLANT	BASF WYANDOTTE CORP	6850-00-664-1403
	BFKLD FULL FORCE ANTIFREEZE	THE OLD WORLD TRADING CO	6850-00-664-1403
	BFKLF CITGO ANTIFREEZE & COOLANT	CITIES SERVICE COMPANY	6850-00-664-1403
	BFKLG FULL FORCE ANTIFREEZE	BOUGHT ACCORDING TO SPEC	6850-00-664-1403
	BFKLN PERMANENT ANTIFREEZE	BASF WYANDOTTE CORPORATION	6850-00-664-1403
	BFKLJ PERMANENT ANTIFREEZE	BASF WYANDOTTE CORP.	6850-00-664-1403
	BFKLM FULL FORCE ANTIFREEZE	THE OLD WORLD TRADING CO	6850-00-664-1409
	BFKLN ANTIFREEZE-ETHYLENE GLYCOL	NORTHERN PETROCHEMICAL COMPANY	6850-00-664-1409
	BFKLP CITGO ANTIFREEZE & COOLANT	CITIES SERVICE COMPANY	6850-00-664-1409
	BFKLQ FULL FORCE ANTIFREEZE	BOUGHT ACCORDING TO SPEC	6850-00-664-1409
	BFKLR CITGO ANTIFREEZE & COOLANT	THREE BOND OF AMERICA INC	6850-00-664-1409
	BFKLS ANTIFREEZE COOLANT INHIBITED	BASF WYANDOTTE CORP.	6850-00-664-1409
	TKLW MIL-T-17412,TEST KIT,WATER,ENGINE COOL SYST	SHAPE PRODUCTS	6810-00-664-1622
	BFKLX PH INDICATOR	STANSON DETERGENTS, INC.	6810-00-664-1622

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MSDS	TRADE NAME	MANUFACTURER	NSN	PAGE
BFKNR	GASKET SHELLAC,PART NO. 5	PERMATEX CO.INC,WEST PALM BEACH,FL. 33401	8040-00-664-417	
BFKNS	SCOTCH-GRIP RUBBER ADHESIVE 2141	3M COMPANY	8040-00-664-431	
BFKNT	N-1051 MMM-A-1617 TYPE 2	ASHLAND OIL INC	8040-00-664-318	
BFKNV	NEOPHRENE ADHESIVE N-1051	SHORE CHEM CO	8040-00-664-318	
BFKNW	EC-711	3M COMPANY	8040-00-664-431	
BFKNX	VVL-825,TYPE I:CODE #01567	DAVIS-HOWLAND OIL CORP	9150-00-664-444	
BFKNY	1567 CAPELLA OIL WF 32	TEXACO INC	9150-00-664-444	
BFKNZ	VV-L-825A,TYPE I	OCTAGON PROCESS INC.	9150-00-664-444	
BFKPB	BLACK, SEMIGLOSS FORMULA #24 B698	DAVLIN PAINT CO.	8010-00-664-474	
BFKPH	MIL-P-698A	TRIAD PAINT & CHEMICAL CORP	8010-00-664-474	
BFKPJ	742-732	AMERON INDUSTRIAL COATINGS DIVISION	8010-00-664-476	
BFKPK	HIGH GLOSS ENAMEL	CHEMRAY COATINGS CORPORATION	8010-00-664-476	
BFKPL	X-4609 TT-E-499	SENTRY PAINT & CHEMICAL CO, DARBY PA. 19023	8010-00-664-476	
BFKPM	ENAMEL,ALKYD GLOSS 17875	CON-LUX COATINGS,INC.	8010-00-664-476	
BFKPN	17875 WHITE	PRATT & LAMBERT	8010-00-664-476	
BFKPW	SILICONE COMPOUND MIL-C-21567	TRIO CHEMICAL WORKS,INC.	6850-00-664-495	
BFKQC	MIL-C-51340,CLN6.CMPD,ELECTRICAL	THREE BOND OF AMERICA INC	6850-00-664-5640	
BFKQS	EASE OFF 990	THE TEXACONE CO., INC.	8030-00-664-614	
BFKRC	ROYCO 885A	ROYAL LUBRICANTS COMPANY,INC.	9150-00-664-651	
BFKRD	MIL-L-6085 LUBE OIL	OCTAGON PROCESS INC.	9150-00-664-6518	
BFKRN	P-6-406-D,GLASS CLEANER LIQUID	LIGHTHOUSE FOR THE BLIND	7930-00-664-6910	
BFKRP	CONOVIEV GLASS CLEANER	STANSON DETERGENTS, INC.	7930-00-664-691	
BFKRQ	GLASS CLEANER LIQUID	BOUGHT ACCORDING TO SPEC	7930-00-664-6910	
BFKSF	O-S-604D,TYPE II,SODIUM METASILICATE,ANHYDR	PHILADELPHIA QUARTZ CO	6810-00-664-7062	
BFKSS	SODIUM METASILICATE,PENETAHYDRATE	CAPTREE CHEMICAL CO.	6810-00-664-706	
BFKSH	SODIUM METASILICATE	CONTINENTAL CHEMICAL CORP.	6810-00-664-706	
BFKSJ	DIAMOND SHAMROCK'S SODIUM METASILICATEANHYD	BOUGHT ACCORDING TO SPEC	6810-00-664-7062	
BFKSK	O-S-604,TYPE II,SODIUM METASILICATE,ANHYDROUS	OCTAGON PROCESS INC.	6810-00-664-706	
BFKSL	SODIUM METASILICATE,ANHYDROUS	DIAMOND SHAMROCK CORP/LAS COLINAS, TX 75061	6810-00-664-706	
BFKVB	ANHYDROUS AMMONIA	ALLIED CORPORATION CHEMICAL SECTOR	6830-00-664-9062	
BFKVC	AMMONIA,ANHYDROUS	ASHLAND CHEMICAL CO	6830-00-664-9062	
BFKVD	AMMONIA,TECHNICAL	BOUGHT ACCORDING TO SPEC	6830-00-664-906	
BFKVF	LAYOUT DYE	SHAPE PRODUCTS	6850-00-664-906	
BFKVG	BLUE TOOLMAKERS INK	BULK CHEMICALS DISTRIBUTORS, INCORPORATED	6850-00-664-9067	
BFKVH	BLUE LAYOUT FLUID	CHEMICAL COMMODITIES AGENCY	6850-00-664-906	
BFKVJ	LAYOUT DYE-BLUE (BEFORE 1974)	OCTAGON PROCESS INC.	6850-00-664-906	
BFKVK	MIL-L-8375A	OCTAGON PROCESS INC.	6850-00-664-9067	
BFKVL	MIL-L-83795A TYPE I;LAYOUT DYE	OCTAGON PROCESS INC.	6850-00-664-9067	
BFKVM	BLUE TOOLMAKER'S INK #6001, 16001	CROWN INDUSTRIAL PRODUCTS COMPANY	6850-00-664-906	
BFKVN	DAYKEM STEEL BLUE DX-100	DYKEM COMPANY	6850-00-664-9067	
BFLJB	ROYCO 899	ROYAL LUBRICANTS COMPANY,INC.	9150-00-681-5999	
BFLJC	TURBO OIL 2380	EXXON COMPANY,U.S.A.	9150-00-681-599	
BFLJD	AVREX S TURBO 260	MOBIL OIL CORPORATION	9150-00-681-599	
BFLJF	HATCOL 3211;LUBRICANT	HATCO CHEMICAL CORPORATION	9150-00-681-5999	
BFLJG	EMERY 2952 SYNTHETIC TURBINE LUBRICANT	EMERY CHEMICALS	9150-00-681-599	
BFLJH	AEROSHELL TURBINE OIL 500	SHELL OIL COMPANY	9150-00-681-599	
BFLJJ	STAUFFER JET II	STAUFFER CHEMICAL COMPANY	9150-00-681-5999	
BFLJK	LUBE OIL,ACFT	AMERICAN OIL SUPPLY COMPANY	9150-00-681-5999	
BFLKV	T & C 410 POWDER VAP	TIMMONS & CHARLES, INC	6850-00-682-643	
BFLKW	181 PREVAP	BIO-TEK INC.	6850-00-682-643	
BFLKX	PD-8 EVAPORATOR TREATMENT	BULL & ROBERTS,INC	6850-00-682-6435	
BFLKY	PD-8 EVAPORATOR TREATMENT	CALGON CORPORATION	6850-00-682-643	
BFLKZ	RM-8 ROCKKY MTN CORROSION CONTROL	CALGON CORPORATION	6850-00-682-643	
BFLLW	BB-C-101,GRADE B	BOUGHT ACCORDING TO SPEC	6830-00-682-4842	
BFLNQ	57 ATVR-U, TRANSFORMER OIL-UNINHIBITED	MACMILLAN PETROLEUM(ARKANSAS),INC.	9160-00-682-17	
BFLNR	GB 60M TYPE I	WITCO CHEMICAL CORPORATION,GOLDEN BEAR DIVISION	9160-00-685-091	

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MSDS	TRADE NAME	MANUFACTURER	NSN
	BFLNS ASTM D-3487-76/82A,TYPE I/II;ELECT INSU OIL	OCTAGON PROCESS INC.	9160-00-685-0913
	BFLNT UNIVOLT 60	GED.SENN,DIV.GLOBE SOLVENTS(PHIPPS PRODUCTS CORP)	9160-00-685-0913
	RX BRAYCOTE 646, LSA	BURMAH-CASTROL INC-BRAY PRODUCTS DIV.	9150-00-687-4241
	BFLRY D10-46, MIL-L-46000B	SANDSTROM PRODUCTS INC	9150-00-687-4241
	BFLRZ CHEMLUBE 303	ULTRACHEM INC	9150-00-687-4241
	BFLSB SA 827 3149,MIL-L-46000B	SOUTHWEST PETRO-CHEM, INC	9150-00-687-4241
	BFLSC P-LUBE 9870B	AMERICAN OIL SUPPLY COMPANY	9150-00-687-4241
	BFLSD ANDEROL SYNTHETIC LUBRICATING GREASE	TENNECO CHEM, INC - INTERMEDIATES DIV	9150-00-687-4241
	BFLTG DOW CORNING 550 FLUID	DOW CORNING	9150-00-687-3339
	BFLXD CHEVRON AUTOMATIC TRANSM.FL.(DEXRON II)	CHEVRON USA INC.	9150-00-698-2382
	BFLXF SB 837 1330	BATTENFELD-AMERICAN,INC	9150-00-698-2382
	BFLXG DEXRON II	BORNE CHEMICAL COMPANY, INC.	9150-00-698-2382
	BFLXH DEXRON II;HYDRAULIC FLUID,AUTOMATIC TRANSMN	DELTA PETROLEUM CO.INC	9150-00-698-2382
	BFLXJ DEXRON II	SUN REFINING AND MARKETING COMPANY	9150-00-698-2382
	BFLXW RTV108 ADHESIVE SEALANT	GENERAL ELECTRIC CO., SILICONE PRODUCTS DIVISION	8040-00-701-9546
	BFLXX SILASTIC 140 RTV ADHESIVE	DOW CORNING	8040-00-701-9546
	BFLYC TYPE 361A-20R SOLDER	MEASUREMENTS GROUP	3439-00-702-4067
	BFLYD 6697,DIMETHYLPOLYSILOXANE	GENERAL ELECTRIC CO., SILICONE PRODUCTS DIVISION	6850-00-702-4297
	BFLYF 6-697	GENERAL ELECTRIC CO., SILICONE PRODUCTS DIVISION	6850-00-702-4297
	BFMCB SCOTCHGRIP CONTACT CEMENT EC-2210	3M COMPANY	8040-00-714-8223
	BFMCR EC-846	H.B. FULLER COMPANY	8040-00-714-8223
	BFMSK SCOURING POWDER, TYPE-I	FITZPATRICK BROS., INC.	7930-00-721-8592
	BFMLP EC-801 INDUSTRIAL SEALANT (B-2)	3M COMPANY	8030-00-723-2746
	BFMLQ EC-801A ACCELERATOR (CLASS A&B)	3M COMPANY	8030-00-723-2746
	BFMLR CS 3204 CL-B	CHEM SEAL CORPORATION	8030-00-723-2746
	BFMLT GC-408 CLASS A	GOAL CHEMICAL SEALANT CORP	8030-00-723-5343
	BFMLV GC-408 CLASS A	GOAL CHEMICAL SEALANT CORP	8030-00-723-5343
	BFMLW EC-801B FUEL TANK SEALER (A-2)	3M COMPANY	8030-00-723-5343
	BFLX EC-801A ACCELERATOR (CLASS A & B)	3M COMPANY	8030-00-723-5343
	BFMLY PRO-SEAL 890 BASE CLASS A	ESSEX CHEMICAL CORPORATION	8030-00-723-5343
	BFMLZ PRO-SEAL 890,ACCELERATOR	ESSEX CHEMICAL CORPORATION	8030-00-723-5343
	BFMMB PR-1440, A-2, PART A	PRODUCT RESEARCH & CHEMICAL CORPORATION	8030-00-723-5343
	BFMMC PR-1440 CLASS A2, PART B	PRODUCT RESEARCH & CHEMICAL CORPORATION	8030-00-723-5343
	BFMMD GC-408 CLASS A	GOAL CHEMICAL SEALANT CORP	8030-00-723-5344
	BFMME GC-408 CLASS A	GOAL CHEMICAL SEALANT CORP	8030-00-723-5344
	BFMMS EC-801B FUEL TANK SEALER(A-2)	3M COMPANY	8030-00-723-5344
	BFMMH EC-801A ACCELERATOR (CLASS A&B)	3M COMPANY	8030-00-723-5344
	BFMMJ CS 3204,CLASS A-2,MIL-S-8802D,PART A	CHEM SEAL CORPORATION	8030-00-723-5344
	BFMMK CS3204,C1 ASSA-2,MIL-S-8802D,PART B	CHEM SEAL CORPORATION	8030-00-723-5344
	BFMML PRO-SEAL 890 A QT	ESSEX CHEMICAL CORPORATION	8030-00-723-5344
	BFMMM PRO-SEAL 890 ACC. QT	ESSEX CHEMICAL CORPORATION	8030-00-723-5344
	BFMMN PR-1440, A-2, PART A	PRODUCT RESEARCH & CHEMICAL CORPORATION	8030-00-723-5344
	BFMMP PR-1440 CLASS A-2, PT B	PRODUCT RESEARCH & CHEMICAL CORPORATION	8030-00-723-5344
	BFMPL ACTIVATED CARBON	CALGON CARBON CORPORATION	6810-00-726-7944
	BFMPM CECARBON	CECA, INC.	6810-00-726-7944
	BFMPN MIL-C-17605,CHARCOAL,ACTIVATED,UNIMPREGNATD	KENNECOTT CORP (GENERAL CLARIFIER CORP-DISTR)	6810-00-726-7944
	BFMGW RTV102 SILICONE SEALANT	GENERAL ELECTRIC CO., SILICONE PRODUCTS DIVISION	8040-00-728-3088
	BFMTJ K-LENS-M LENS CLEANER (#403,208,216,297)	THE WILKINS CO.INC	6850-00-737-0811
	BFMYD 1544 ROSIN FLUX	KESTER SOLDER CO	3439-00-752-8728
	BFMYF PURPLE K DRY CHEMICAL EXTINGUISHING AGENT	ANSUL FIRE PROTECTION,WORMALD U.S.,INC.	4210-00-752-9343
	BFMYG PURPLE K, PK	BUCKEYE FIRE EQUIPMENT CO.	4210-00-752-9343
	BFMYH O-D-1407	BOUGHT ACCORDING TO SPEC	4210-00-752-9343
	BFMZS GC-408 CLASS B	GOAL CHEMICAL SEALANT CORP	8030-00-753-4599
	BMZT EC-408 CLASS B	GOAL CHEMICAL SEALANT CORP	8030-00-753-4599
	BMZV EC-801,INDUSTRIAL SEALANT,B-2	3M COMPANY	8030-00-753-4599
	BMZW EC-801A,ACCELERATOR CL A&B	3M COMPANY	8030-00-753-4599

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MSDS	TRADE NAME	MANUFACTURER	NSN	PAGE	4C
BFMZX	CS 3204 CL-B PART A	STANSON DETERGENTS, INC.	8030-00-753-4599		
BFMZY	PRO-SEAL 890 B 0.5PT	ESSEX CHEMICAL CORPORATION	8030-00-753-4599		
BFMZZ	PRO-SEAL 890 ACC.	ESSEX CHEMICAL CORPORATION	8030-00-753-4599		
BFNBM	ANDOK B	EXXON COMPANY,U.S.A.	9150-00-753-4650		
BFNBN	LUBRIKO M-24-M	MASTER LUBRICANTS COMPANY	9150-00-753-4650		
BFNCS	X-987 VINYL PRIMER	SENTRY PAINT & CHEMICAL CO, DARBY PA. 19023	8010-00-753-4714		
BFNCC	F-120, MIL-P-15930, VINYL CHROMATE PRIMER	SEAGUARD CORPORATION	8010-00-753-4714		
BFNCH	PHOSPHORIC ACID,ACS	MALLINCKRODT INC.,SCIENCE PRODUCTS DIVISION	6810-00-753-4777		
BFNCK	NITRIC ACID 70%	MALLINCKRODT INC.,SCIENCE PRODUCTS DIVISION	6810-00-753-4779		
BFNCL	ACETONE, ACS, AX0120	MCB REAGENTS, DIVISION OF E M SCIENCE	6810-00-753-4780		
BFNCM	ACETONE	MALLINCKRODT INC.,SCIENCE PRODUCTS DIVISION	6810-00-753-4780		
BFNCN	O-C-265,ACETONE,ACS	BOUGHT ACCORDING TO SPEC	6810-00-753-4780		
BFNDK	DOWILIDE 1 AND 31	CHEMICAL COMPOUNDING CORPORATION	6840-00-753-4797		
BFNDL	MIL-H-17672D & AMDI 2110 TH #634-D346	IMPERIAL OIL CO., INC.	9150-00-753-4799		
BFNDM	MIL-L-17672,MIL 2110-T-H SYM,HYDRAULIC FLD	SUN PETROLEUM PRODUCTS	9150-00-753-4799		
BFNDR	MIL-C-372,CLEANING COMPOUND,SOLVENT	OCTAGON PROCESS INC.	6850-00-753-4806		
BFNDY	CHLORIDE INDUCATOR POWDER CAPSULES.	INDUSTRIAL MUNICIPAL EQUIPMENT	6810-00-753-4907		
BFNDZ	CHLORIDE INDICATOR	CITY CHEMICAL CORPORATION	6810-00-753-4907		
BFNFJ	707-107,FORMULA 129/63, MIL-P-16189, BLACK	AMERON INDUSTRIAL COATINGS DIVISION	8010-00-753-4945		
BFNFK	MIL-P-15931,FORM 129,BLACK,VINYL,ANTI FOUL	INTERNATIONAL PAINT CO.(CALIF),INC.	8010-00-753-4945		
BFNFT	CORROSION INHIBITOR	CONTINENTAL CHEMICAL CORP.	6850-00-753-4967		
BFNGC	SEALUM TC-49	CHEMSECO	8030-00-753-4982		
BFNGM	ISOPROPANOL,ANHYDROUS	CHEMICAL COMMODITIES AGENCY	6810-00-753-4993		
BFNGN	ISOPROPYL ALCOHOL ANHYDROUS	EXXON CHEMICAL AMERICAS A DIV.OF EXXON CHEMICAL CO	6810-00-753-4993		
BFNGP	ALCOHOL (TT-I-735)	RANDOLPH PRODUCTS CO.	6810-00-753-4993		
BFNGE	ISOPROPANOL	OCTAGON PROCESS INC.	6810-00-753-4993		
BFNGR	ISOPROPYL ALCOHOL,ANHYDROUS	GEO.SENN,DIV.GLOBE SOLVENTS(PHIPPS PRODUCTS CORP)	6810-00-753-4993		
BFNGS	ISOPROPYL ALCOHOL;SHELL CODE:31110	SHELL CHEMICAL CO A DIV OF SHELL OIL CO.	6810-00-753-4993		
BFNGT	AMSCO SOLV 5020(ISOPROPYL 99);UCD NO:808	AMSCO DIV, UNION OIL CO OF CALIFORNIA	6810-00-753-4993		
BFNHX	GC-408 CLASS B	GOAL CHEMICAL SEALANT CORP	8030-00-753-5006		
BFNHY	GC-408 CLASS B	GOAL CHEMICAL SEALANT CORP	8030-00-753-5006		
BFNHZ	EC-801 INDUSTRIAL SEALANT B-2	3M COMPANY	8030-00-753-5006		
BFNJB	EC-801A,ACCELERATOR CL A&B	3M COMPANY	8030-00-753-5006		
BFNJC	PROSEAL 890,BASE,CL B	ESSEX CHEMICAL CORPORATION	8030-00-753-5006		
BFNJD	PRO-SEAL 890 ACCELERATOR	ESSEX CHEMICAL CORPORATION	8030-00-753-5006		
BFNJR	GC-408 CLASS A-2	GOAL CHEMICAL SEALANT CORP	8030-00-753-5009		
BFNJS	GC-408 CLASS A-2	GOAL CHEMICAL SEALANT CORP	8030-00-753-5009		
BFNJT	EC-801B FUEL TANK SEALER (A-2)	3M COMPANY	8030-00-753-5009		
BFNJV	EC-801A ACCELERATOR CLASS A & B	3M COMPANY	8030-00-753-5009		
BFNJW	PRO-SEAL 890 A 60Z.	ESSEX CHEMICAL CORPORATION	8030-00-753-5009		
BFNjX	PRO-SEAL 890 ACC. 60Z.	ESSEX CHEMICAL CORPORATION	8030-00-753-5009		
BFNJY	PR-1422 A-2, A-4	PRODUCT RESEARCH & CHEMICAL CORPORATION	8030-00-753-5009		
BFNJZ	PR-1422 A-2 (W)	PRODUCT RESEARCH & CHEMICAL CORPORATION	8030-00-753-5009		
BFNKM	MIL-L-22851, MIL JIL;TYPE II #A1370	LUBRICATING SPECIALTIES COMPANY	9150-00-753-5060		
BFNKN	AVIATION OIL EE 120	EXXON COMPANY,U.S.A.	9150-00-753-5060		
BFNKP	AEROSHELL OIL W 120	SHELL OIL COMPANY	9150-00-753-5060		
BFNKQ	AVIATION OIL 22851 1080 LAD III	DELTA PETROLEUM CO.INC	9150-00-753-5060		
BFNLD	SURF-KOTE A-502,MIL-L-23398,TY II	HOHMAN PLATING & MFG., INC.	9150-00-754-0064		
BFNLF	LUBRI-BOND 220 AEROSOL	ELECTROFILM INC	9150-00-754-0064		
BFNLG	LUBRI-BOND 220,MIL-L-23398D,TYPE II-AEROSOL	ELECTROFILM INC	9150-00-754-0064		
BFNLZ	ROYCO 64	ROYAL LUBRICANTS COMPANY,INC.	9150-00-754-2595		
BFNMB	ROYCO 64D	ROYAL LUBRICANTS COMPANY,INC.	9150-00-754-2595		
BFNMC	AEROSHELL GREASE 17;SHELL CODE 70017	SHELL OIL COMPANY	9150-00-754-2595		
BFNMD	LUBRIPLATE MO-LITH NO.2	FISKE BROTHERS REFINING CO.	9150-00-754-2595		
BFNNH	HALOCARBON 25-55 GREASE	HALOCARBON PRODUCTS CORPORATION	9150-00-754-2760		
BFNNJ	KEL-F 90	3M COMPANY	9150-00-754-2760		

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MSDS	TRADE NAME	MANUFACTURER	NSN
	BFNGD TORNADO/TEMPEST LP-175,140Z PROPANE CYLINDE	TURNER INDUSTRIES,INC.	4940-00-756-1207
	BFNGF BERNZOMATIC LEAKIDETECTOR	BERNZOMATIC	4940-00-756-1207
	VC 430-1,WRIGHT'S STAINING SOLUTION	A J P SCIENTIFIC INC	6550-00-764-4729
	AVP LITHOGRAPHIC BLANKET ROLLER WASH	CSD,INC	6850-00-764-6999
	BFNVD LITHOGRAPHIC BLANKET ROLLER WASH	CHEMSCOPE CORP.	6850-00-764-6999
	BFNVR LITHOGRAPHIC BLANKET ROLLER WASH	GEORGE SENN COMPANY,DIV. OF GLOBE SOLVENTS	6850-00-764-6999
	BFPDJ 14062-GREEN	PRATT & LAMBERT	8010-00-779-9598
	BFPDK GLOSS GREEN 14062	PRATT & LAMBERT-WICHITA DIV.	8010-00-779-9598
	BFPGP ARGON	MS INDUSTRIES	6830-00-782-2637
	9FPEQ MIL-A-18455,ARGON, TECHNICAL.	THREE BOND OF AMERICA INC	6830-00-782-2637
	BFPGT OXYGEN	NATIONAL WELDERS SUPPLY COMPANY,INC.	6830-00-782-2639
	BFPGV MIL-O-27210,OXYGEN,AVIATORS,BREATHING TY 1	THREE BOND OF AMERICA INC	6830-00-782-2639
	BFPGW BB-N-411,NITROGEN TECHNICAL,TY 1,CL 1,GR B	BOUGHT ACCORDING TO SPEC	6830-00-782-2641
	BFPHG BB-O-925,OXYGEN,TECH GAS & LIQUID, TY 1	BOUGHT ACCORDING TO SPEC	6830-00-782-2661
	BFPJD FLUORO FINDER FD-5 DEVELOPER	AMERICAN GAS & CHEM CO. LTD	6850-00-782-2720
	BFPJF DUBL-CHEK D110 DEVELOPER	SERWIN INCORPORATED	6850-00-782-2720
	BFPJG TRACER TECH D-492C, DEVELOPER	URESCO ARDOX	6850-00-782-2720
	BFPJH FLUORO FINDER DEVELOPER FD-5	TESTING SYSTEMS,INC	6850-00-782-2720
	BFPJJ ZP-5 ZYGLO DEVELOPER(PRE 8/88-SEE SUPPL)	MAGNAFLUX CORP.	6850-00-782-2720
	BFPJK ZP-14 ZYGLO DEVELOPER (SEE SUPPL)	MAGNAFLUX CORP.	6850-00-782-2720
	BFPJL TRACER-TECH D-492C	CHEMICAL COMMODITIES AGENCY	6850-00-782-2720
	BFPJM TURCO FLURO-CHEK WD DEVELOPER	TURCO PRODUCTS INC. SUBSIDIARY OF PENNWALT INC.	6850-00-782-2720
	BFPJN D-78 DEVELOPER	MET-L-CHEK COMPANY	6850-00-782-2720
	BFPJP D-76B DEVELOPER	MET-L-CHEK COMPANY	6850-00-782-2720
	BFPJR FLURO-FINDER DEVELOPER FD-4	AMERICAN GAS & CHEM CO. LTD	6850-00-782-2722
	BFPJS DUBL-CHEK D90 DEVELOPER	SERWIN INCORPORATED	6850-00-782-2722
	BFPJT 493A	TRACER-TECH	6850-00-782-2722
	BFPJV FLURO FINDER DEVELOPER (FD-4)	TESTING SYSTEMS,INC	6850-00-782-2722
	PJW ZP-4A ZYGLO DRY DEVELOPER	MAGNAFLUX CORP.	6850-00-782-2722
	BFPJX ZP-4B ZYGLO DRY DEVELOPER	MAGNAFLUX CORP.	6850-00-782-2722
	BFPJY D-72A DEVELOPER	MET-L-CHEK COMPANY	6850-00-782-2722
	BFPKS FLURO FINDER FD-33 DEVELOPER	AMERICAN GAS & CHEM CO. LTD	6850-00-782-2728
	BFPKT D100 DEVELOPER (NONAQUEOUS)	SERWIN INCORPORATED	6850-00-782-2728
	BFPKV D100 DEVELOPER & D350 DEVELOPER	SERWIN INCORPORATED	6850-00-782-2728
	BFPKW TRACER-TECH D-495C	TRACER-TECH	6850-00-782-2728
	BFPKX ZP-9F ZYGLO DEVELOPER(SEE SUPPL DATA)	MAGNAFLUX CORP.	6850-00-782-2728
	BFPKY TURCO FLURO CHEK NAD DEVELOPER	TURCO PRODUCTS INC. SUBSIDIARY OF PENNWALT INC.	6850-00-782-2728
	BFPKZ D-70 DEVELOPER	MET-L-CHEK COMPANY	6850-00-782-2728
	BFPLK FP20 FLUORESCENT PENETRANT (OLD FORMULA)	SERWIN INCORPORATED	6850-00-782-2732
	BFPLL FP20 FLUORESCENT PENETRANT	SERWIN INCORPORATED	6850-00-782-2732
	BFPLM RCSO FLUORESCENT PENETRANT	SERWIN INCORPORATED	6850-00-782-2732
	BFPLN FLURO FINDER FL-2	TESTING SYSTEMS,INC	6850-00-782-2732
	BFPLP ZL-2A ZYGLO PENETRANT (PRE NOV 86)	MAGNAFLUX CORP.	6850-00-782-2732
	BFPLQ ZL-2C ZYGLO PENETRANT	MAGNAFLUX CORP.	6850-00-782-2732
	BFPLR ZL-2D ZYGLO PENETRANT	MAGNAFLUX CORP.	6850-00-782-2732
	BFPLS TURCO FLURO CHEK P-31 PENETRANT	TURCO PRODUCTS INC. SUBSIDIARY OF PENNWALT INC.	6850-00-782-2732
	BFPLT P131A	THREE BOND OF AMERICA INC	6850-00-782-2732
	BFPLV VP-131 PENETRANT(PRE 10/86) SEE SUPPL DATA	MET-L-CHEK COMPANY	6850-00-782-2732
	BFPLW FP-93A(M) PENETRANT (POST 10/86) SEE SUPP	MET-L-CHEK COMPANY	6850-00-782-2732
	BFPMF FL-17A FLURO-FINDER PENETRANT	AMERICAN GAS & CHEM CO. LTD	6850-00-782-2735
	BFPMG HM2 FLUORESCENT PENETRANT	SERWIN INCORPORATED	6850-00-782-2735
	BFPMH FLURO FINDER	TESTING SYSTEMS,INC	6850-00-782-2735
	BFPMJ ZL-15 ZYGLO PENETRANT (PRE 9/1985)NSN CNCLD	MAGNAFLUX CORP.	6850-00-782-2735
	BFPMK ZL-15B ZYGLO WATER WASH PENETRANT(POST 9/85)	MAGNAFLUX CORP.	6850-00-782-2735
	BFPML TURCO FLURO CHECK WP-1 PENETRANT	TURCO PRODUCTS INC. SUBSIDIARY OF PENNWALT INC.	6850-00-782-2735
	BFPMM FP-90 PENETRANTL	MET-L-CHEK COMPANY	6850-00-782-2735

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MSDS	TRADE NAME	MANUFACTURER	PAGE	NSN
BFPMN	FL-22 FLUORO-FINDER PENETRANT (BEFORE NOV 84)	AMERICAN GAS & CHEM CO. LTD		6850-00-782-273
BFPMP	FL-22A FLUORO-FINDER PENETRANT (AFTER MAR84)	AMERICAN GAS & CHEM CO. LTD		6850-00-782-273
BFPMQ	URESICO 149A	TRACER-TECH		6850-00-782-273
BFPMR	FLUOROFINDER	TESTING SYSTEMS, INC		6850-00-782-273
BFPMS	ZL-22A ZYGLO PENETRANT (PRE 11/86)	MAGNAFLUX CORP.		6850-00-782-273
BFPMT	ZL-22D ZYGLO PENETRANT (POST 11/86)	MAGNAFLUX CORP.		6850-00-782-273
BFPMV	ZL-27A ZYGLO PENETRANT	MAGNAFLUX CORP.		6850-00-782-273
BFPMW	TURCO FLURO-CHEK P41 PENETRANT	TURCO PRODUCTS INC. SUBSIDIARY OF PENNWALT INC.		6850-00-782-273
BFPMX	FP-95 FLUORESCENT PENETRANT	MET-L-CHEK COMPANY		6850-00-782-273
BFPMY	FLUORO FINDER EMULSIFIER, FE-5	AMERICAN GAS & CHEM CO. LTD		6850-00-782-273
BFPMZ	ER80 EMULSIFIER	SERWIN INCORPORATED		6850-00-782-273
BFPNB	TRACER TECH E-153	URESICO ARDROX		6850-00-782-273
BFPNC	FLUORO FINDER FE-5	TESTING SYSTEMS, INC		6850-00-782-273
BFPND	ZE-3 ZYGLO EMULSIFIER (PRE 5/86)	MAGNAFLUX CORP.		6850-00-782-273
BFPNF	ZE-3 ZYGLO EMULSIFIER	MAGNAFLUX CORP.		6850-00-782-273
BFPNG	ZE-4B ZYGLO EMULSIFIER	MAGNAFLUX CORP.		6850-00-782-273
BFPNH	TURCO FLURO-CHEK E EMULSIFIER	TURCO PRODUCTS INC. SUBSIDIARY OF PENNWALT INC.		6850-00-782-273
BFPNJ	E-57 EMULSIFIER	MET-L-CHEK COMPANY		6850-00-782-273
BFPNN	E-56 EMULSIFIER	MET-L-CHEK COMPANY		6850-00-782-273
BFPNP	RC65 FLUORESCENT PENETRANT	SERWIN INCORPORATED		6850-00-782-274
BFPNQ	DR61 CLEANER/REMOVER	SERWIN INCORPORATED		6850-00-782-274
BFPNR	D100NF (D101NF) DEVELOPER	SERWIN INCORPORATED		6850-00-782-274
BFPNS	D100 DEVELOPER & D350 DEVELOPER	SERWIN INCORPORATED		6850-00-782-274
BFPNT	FP-30 PENETRANT	SERWIN INCORPORATED		6850-00-782-274
BFPNV	TRACER TECH P149 INSPECTION PENETRANT	URESICO ARDROX		6850-00-782-274
BFPNW	TRACER TECH P149 INSPECT PENETRANT REMOVER	URESICO ARDROX		6850-00-782-274
BFPNX	TRACER TECH P149 INSPECT PENETRANT DEVELOPE	URESICO ARDROX		6850-00-782-274
BFPNY	ZL-22A ZYGLO PENETRANT (PRE 1/87-SEE SUPPL)	MAGNAFLUX CORP.		6850-00-782-274
BFPNZ	SKC-NF/ZC-7 CLEANER (PRE 1/87-SEE SUPPL)	MAGNAFLUX CORP.		6850-00-782-274
BFPPB	ZP-9B ZYGLO DEVELOPER (PRE 10/82-SEE SUPPL)	MAGNAFLUX CORP.		6850-00-782-274
BFPPC	SKD-NF/ZP-9B DEVELOPER (PRE 8/88-SEE SUPPL)	MAGNAFLUX CORP.		6850-00-782-274
BFPPE	ZL-22D ZYGLO PENETRANT (POST 87-SEE SUPPL)	MAGNAFLUX CORP.		6850-00-782-274
BFPPE	ZL-27A ZYGLO PENETRANT (POST 87-SEE SUPPL)	MAGNAFLUX CORP.		6850-00-782-274
BFPPE	ZP-9E, ZYGLO DEVELOPER (POST 87-SEE SUPPL)	MAGNAFLUX CORP.		6850-00-782-274
BFPPE	SKC-NF/ZC-7B CLEANER (POST 87-SEE SUPPL)	MAGNAFLUX CORP.		6850-00-782-274
BFPPE	ACCU-PEN #2	PARKER DIVISION-OXY METAL INDUSTRIES CORP		6850-00-782-274
BFPPE	BIO-PEN P6F-4	PARKER DIVISION-OXY METAL INDUSTRIES CORP		6850-00-782-274
BFPPE	ACCU-PEN PR-2	PARKER DIVISION-OXY METAL INDUSTRIES CORP		6850-00-782-274
BFPPE	MIL-I-25135, INSPECTION MATERIAL. PENETRANT	OXY METALS INDUSTRIES INC		6850-00-782-274
BFPPE	FAULT-FINDER CLEANER 1031	CROWN INDUSTRIAL PRODUCTS COMPANY		6850-00-782-274
BFPPE	FAULT FINDER FLUORESCENT PENETRANT 1032	CROWN INDUSTRIAL PRODUCTS COMPANY		6850-00-782-274
BFPPE	FAULT-FINDER DEVELOPER 1033	CROWN INDUSTRIAL PRODUCTS COMPANY		6850-00-782-274
BFPPE	FAULT FINDER FLVOR. PENETR. (AFTER 7/82)	CROWN INDUSTRIAL PRODUCTS COMPANY		6850-00-782-274
BFPPE	GP VII FAULT FDR FLUORESCENT PENETRANT#1032	CROWN INDUSTRIAL PRODUCTS COMPANY		6850-00-782-274
BFPPE	R-501 R4MOVER (SEE SUPPL DATA)	MET-L-CHEK COMPANY		6850-00-782-274
BFPPE	D-701 DEVELOPER (SEE SUPPL DATA)	MET-L-CHEK COMPANY		6850-00-782-274
BFPPE	D-703 DEVELOPER (SEE SUPPL DATA)	MET-L-CHEK COMPANY		6850-00-782-274
BFPPE	146 4734, DEKTOL DEVELOPER, SINGLE POWDER	EASTMAN KODAK CO.		6750-00-782-3851
BFPPE	409-002, MD POWDER DEVELOPER	CLAYTON CHEMICAL CO		6750-00-782-3851
BFPPE	FREON 22	E. I. DUPONT (PPG INDUST, UNION CARBIDE DOW CHEM)		6830-00-782-3930
BFPPE	BB-F-1421, FLUOROCARBON REFRIGERANTS, TY 22	BOUGHT ACCORDING TO SPEC		6830-00-782-3930
BFPPE	FREON 114	GEBAUER CHEMICAL CO.		6830-00-782-6512
BFPPE	DICHLOROTETRAFLUROETHANE	BOUGHT ACCORDING TO SPEC		6830-00-782-6512
BFPPE	FIBERFRAX FC-25 TAMPING MIX	WESTERN INDUSTRIAL CERAMICS (THE CARBORUNDUM CO)		9350-00-782-1749
BFPPE	FIBERFRAX FC-25 TAMPING MIX	SOHIO ENGINEERED MATERIAL CO, FIBERS DIV.		9350-00-782-1749
BFPPE	2-ETHYHEXYL ALCOHOL	CHEMICAL COMMODITIES AGENCY		6810-00-797-8621

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MSDS	TRADE NAME	MANUFACTURER	NSN
	BFGBR DRY PACK FIXER	NATIONAL RESEARCH & CHEMICAL CO	6750-00-802-5470
	BFGBS 197 1753, FIXER	EASTMAN KODAK CO.	6750-00-802-5471
	3T CP UNIVERSAL FIXER POWDER	CLAYTON CHEMICAL CO	6750-00-802-5471
	BFGCS CARBON DIOXIDE	THREE BOND OF AMERICA INC	4220-00-805-8383
	BFGGH OXYGEN, AVIATORS BREATHING	STANSON DETERGENTS, INC.	6830-00-808-9530
	BFGGJ MIL-0-27210, OXYGEN, AVIATORS, BREATHING TY 1	THREE BOND OF AMERICA INC	6830-00-808-9530
	BFGGY MMM-A-121	ASHLAND OIL INC	8040-00-809-8252
	BFGGZ SCOTCH 1300L ADHESIVE	3M COMPANY	8040-00-809-8252
	BFGHB SCOTCHGRIP CONTACT CEMENT EC-2210	3M COMPANY	8040-00-809-8252
	BFGHX ALUMINUM PAINT	SENTRY PAINT & CHEMICAL CO, DARBY PA. 19023	8010-00-815-2692
	BFGNY X-5767, ALUM HEAT RESIST PAINT, 1200F, COMP L	SENTRY PAINT & CHEMICAL CO, DARBY PA. 19023	8010-00-815-2692
	BFGNZ ALUMINUM	ATLAS PAINT AND VARNISH COMPANY	8010-00-815-2692
	BFGQD MOLYSULFIDE	CLIMAX MOLYBDENUM CO; A DIV OF AMAX INC.	6810-00-816-1025
	BFGQF MOLYSULFIDE (MOLYBDENUM DISULFIDE)	CHEMICAL COMMODITIES AGENCY	6810-00-816-1025
	BFGQG MOLYBDENUM DISULFIDE (MOLYSULFIDE, MOS#2)	NOAH INDUSTRIAL CORP, NOAH CHEMICAL DIV.	6810-00-816-1025
	BFGRL 196 9724, MICRODOL-X DEVELOPER	EASTMAN KODAK CO.	6750-00-817-1364
	BFGRR SULFUR HEXAFLUORIDE DIELECTRIC GRADE	ALLIED CORPORATION CHEMICAL SECTOR	6830-00-817-2342
	BFGRS 88-S-1419, SULFUR HEXAFLUORIDE, TECH GR	MATHESON GAS PRODUCTS	6830-00-817-2342
	BFGVW EPON 828	SHELL CHEMICAL CO.	8040-00-822-6430
	BFGVX EPON 828	SHELL CHEMICAL CO A DIV OF SHELL OIL CO.	8040-00-822-6430
	BFGXH LUB COMPOUND DIMETHYLSILICONE	SPRAYON PRODUCTS DIV; SHERWIN WILLIAM CO.	9150-00-823-7860
	BFGXJ SILICONE LUBRICATING CMPD	AEROSOL WEST INC	9150-00-823-7860
	BFGXK SLYDE II	BULK CHEMICALS DISTRIBUTORS, INCORPORATED	9150-00-823-7860
	BFGXL SLYDE	BULK CHEMICALS DISTRIBUTORS, INCORPORATED	9150-00-823-7860
	BFGXM SIL-CLEAN	BIO-TEK INC.	9150-00-823-7860
	BFGXN TRIZOL SILICONE SPRAY LUBRICANT	THE CASTOLEUM CORP.	9150-00-823-7860
	BFGXP SILICONE 4X	BOUGHT ACCORDING TO SPEC	9150-00-823-7860
	BFGXQ AEROSOL SILICONE LUB #A615	W.M. BARR & CO.	9150-00-823-7860
	BFXR SILICONE 7	CROWN INDUSTRIAL PRODUCTS COMPANY	9150-00-823-7860
	BFXXX 01567 CAPELLA OIL WF 32	TEXACO INC.	9150-00-823-7905
	BFXXY MOLYLUBE ANTI-SEIZE 70 (P/N 1810)	BEL-RAY CO INC.	9150-00-823-7908
	BFXZ LS 1774	GRAPHITE PRODUCTS CORPORATION	9150-00-823-7908
	BFYB DOW CORNING G-N METAL ASSEMBLY PASTE	DOW CORNING	9150-00-823-7908
	BFYC CP-28 PASTE	E/M CORPORATION; SUB OF GREAT LAKES CHEMICAL CORP	9150-00-823-7908
	BFYB ANTIFOULING PPAINT PT-199	PRODUCTS/TECHNIQUES, INC.	8010-00-823-7911
	BFYH TB1361D (C)		8030-00-823-7917
	BFYJ ANAEROBIC 232	THREE BOND OF AMERICA INC	8030-00-823-7917
	BFRDN TURCOAT LIQUID ACCELAGOLD	TURCO PRODUCTS INC. SUBSIDIARY OF PENNWALT INC.	8030-00-823-8039
	BFRDP ALODINE 1201	AMCHEM PRODUCTS, INC.	8030-00-823-8039
	BFRDQ IRIDITE, 14	ALLIED-KELITE PROD, DIV OF THE RICHARDSON CO	8030-00-823-8039
	BFRDR ROYCO 49; GREASE	ROYAL LUBRICANTS COMPANY, INC.	9150-00-823-8047
	BFRDS ROYCO 49 B	ROYAL LUBRICANTS COMPANY, INC.	9150-00-823-8047
	BFRDT SA 823 9222 ; GREASE, GENERAL PURPOSE.	SOUTHWEST PETRO-CHEM, INC	9150-00-823-8047
	BFRDV ROYCO 13D	ROYAL LUBRICANTS COMPANY, INC.	9150-00-823-8048
	BFRFZ R PROCESS GUM	3M COMPANY - PRINTING & PUBLISHING SYSTEMS	3610-00-824-4360
	BFRJV SKD-S SPOTCHECK DEVELOPER (SEE SUPPL DATA)	MAGNAFLUX CORP.	6850-00-826-0981
	BFRJW SKD-NF/ZP-9B DEVELOPER (OLD-SEE SUPPL DATA)	MAGNAFLUX CORP.	6850-00-826-0981
	BFRJX SKD-NF/ZP-9B DEVELOPER (NEW-SEE SUPPL DATA)	MAGNAFLUX CORP.	6850-00-826-0981
	BFRJY SKL-LD SPOTCHECK PENETRANT (SEE SUPPL DATA)	MAGNAFLUX CORP.	6850-00-826-0981
	BFRJZ SKL-HF/S SPOTCHECK PENETRANT (SEE SUPPL DATA)	MAGNAFLUX CORP.	6850-00-826-0981
	BFRKB SKC-NF/ZC-7B CLEANER/REMOVER (SEE SUPPL DATA)	MAGNAFLUX CORP.	6850-00-826-0981
	BFRKD FAULT-FINDER CLEANER 1071	CROWN INDUSTRIAL PRODUCTS COMPANY	6850-00-826-0981
	BFRKE FAULT FINDER PENETRANT 1075	CROWN INDUSTRIAL PRODUCTS COMPANY	6850-00-826-0981
	BFRKF FAULT FINDER DEVELOPE 1079	CROWN INDUSTRIAL PRODUCTS COMPANY	6850-00-826-0981
	BFRMW SCOTCHWELD 1469 EPOXY ADHESIVE	3M COMPANY	8040-00-828-4926
	BFRMX FM-47 LIQUID ADHESIVE	AMERICAN CYANAMID COMPANY	8040-00-828-4926

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MSDS	TRADE NAME	MANUFACTURER	NSN	PAGE
BFRWJ	RTV-103 ADHESIVE SEALANT	GENERAL ELECTRIC CO., SILICONE PRODUCTS DIVISION	8040-00-828-73PF	
BFRGL	MOLY KOTE GN	DOW CORNING	8030-00-831-41	
BFRWG	NOCCO OIL #100-5	NATIONAL OIL & CHEMICAL CO	9150-00-831-8641	
BFRWH	VV-L-820C;LUBRICATING OIL;GENERAL PURPOSE	AMERICAN WRITING INK CO., INC.	9150-00-831-541	
BFRWV	TECTYL 894	ASHLAND OIL INC	8030-00-837-653	
BFRWV	TECTYL 894	ASHLAND OIL INC	8030-00-837-653	
BFRWX	140 8988,HC-110 DEVELOPER (PRE 9/85)	EASTMAN KODAK CO.	6750-00-837-7257	
BFRWY	140 8988,HC-110 DEVELOPER (POST 9/85)	EASTMAN KODAK CO.	6750-00-837-725	
BFRXX	BB-F-1421 TYPE 22	BOUGHT ACCORDING TO SPEC	6830-00-837-992	
2FRYS	SHIELD	M&N CHEMICALS, INC.	8030-00-838-7789	
BFRYT	WD-40 SPRAY CANS 16 OZ	WD-40 CO	8030-00-838-7789	
2FRYV	707 PDRP AEROSOL 38212	SPRAYON PRODUCTS DIV;SHERWIN WILLIAM CO.	8030-00-838-77E	
BFRYW	WD-40 SPRAY CANS	COBURN OPTICAL INDUSTRIES,INC.	8030-00-838-778	
BFRYX	TEMCO NUT BUSTER AEROSOL	TEMCO CHEM CO	8030-00-838-7789	
BFRYY	TEMCO NUT BUSTER AEROSOL	TEMCO CHEM CO	8030-00-838-77E	
BFRYZ	NUT BUSTER,PENETRATING OIL	TEMCO CHEMICAL CO.	8030-00-838-778	
BFRZB	MIL-C-23411,CORROSION PREVENTIVE CMPD TY 1	TRIO CHEMICAL WORKS,INC.	8030-00-838-7789	
BFRZC	CLEAR CORROSION PREVENTIVE COMPOUND	ILLINOIS BRONZE POWDER AND PAINT COMPANY	8030-00-838-778	
BFSBK	BB-N-411,NITROGEN TECHNICAL, TY 1,CL 1,GR B	BOUGHT ACCORDING TO SPEC	6830-00-840-657	
BFSCZ	ARMSTRONG 520 ADHESIVE	ARMSTRONG CORK CO.	8040-00-841-9773	
BFSGF	MMM-A-121	ASHLAND OIL INC	8040-00-843-3461	
BFSGG	SCOTCHGRIP CONTACT CEMENT, 2218	3M COMPANY	8040-00-843-346	
BFSGH	SC-849,SOLVENT CEMENT,POLYCHLOROPRENE	H.B. FULLER COMPANY	8040-00-843-346	
BFSJF	DIAZINON,LIQUID, 0.5% MIL-I-21177	HOPKINS AGRICULTURE PRODUCTS DIV, HOPKINS AG CHEM.	6840-00-844-7355	
BFSJG	INSECTICIDE,DIAZINON,LIQUID	OCTAGON PROCESS INC.	6840-00-844-735	
BFSJH	DIAZINON RESIDUAL SPRAY	BAIRD & MCGUIRE, INC	6840-00-844-735	
BFSQ	729-010	AMERON INDUSTRIAL COATINGS DIVISION	8030-00-850-7075	
BFSR	125-880 WASH PRIMER, PT A	STANSON DETERGENTS, INC.	8030-00-850-707A	
BFSR	125-880C CATALYST, PT B	STANSON DETERGENTS, INC.	8030-00-850-707	
BFSPT	728014 PRIMER-WASH P RETREAT FORM 117 F MET	PRATT & LAMBERT	8030-00-850-7075	
BFSPV	ACID DILUENT	RANDOLPH PRODUCTS CO.	8030-00-850-7076	
BFSPW	F-117, PRETRTMT PRIMER, PART A	KOPPERS COMPANY, INC.	8030-00-850-707	
BFSPX	F-117,PRETREATMENT,PART B	KOPPERS COMPANY, INC.	8030-00-850-707	
BFSPY	POTASH LIQUOR	LCP CHEMICALS & PLASTICS INC.	6810-00-850-7787	
BFSZ	CAUSTIC POTASH LIQUID	POLYSCIENCES, INC.	6810-00-850-7787	
BFSB	POTASSIUM HYDROXIDE SOLUTION	INTERNATIONAL MINERALS & CHIMICAL CORP.	6810-00-850-778	
BFSB	LIQUID CAUSTIC POTASH	CHEMTECH INDUSTRIES,INC.	6810-00-850-7787	
BFSB	POTASSIUM HYDROXIDE SOLUTION-30%	MASTERS CHEMICAL CO.	6810-00-850-7787	
BFSB	CAUSTIC POTASH SOLUTION	J.T.BAKER CO.(CHEM COMMODITIES-DIST)	6810-00-850-7787	
BFSB	POTASSIUM HYDROXIDE AQUEOUS SOLUTION	MARATHON BATTERY COMPANY	6810-00-850-7787	
BFSB	CAUSTIC POTASH SOLUTION	OCTAGON PROCESS INC.	6810-00-850-7787	
BFSB	CAUSTIC POTASH SOLUTION	UNIVAR CORP VAN WATERS AND ROGERS INC.	6810-00-850-7787	
BFSB	BLUE 151231742-518:ALKYD ENAMEL GLOSS	AMERON INDUSTRIAL COATINGS DIVISION	8010-00-853-1859	
BFSB	TT-E-489F,CLASS A	CON-LUX COATINGS, INC	8010-00-853-1859	
BFSB	ENAMEL,ALKYD,GLOSS 15123	CON-LUX COATINGS,INC.	8010-00-853-1859	
BFSB	ENAMEL ALKYD GLOSS BLUE 15123	PRATT & LAMBERT	8010-00-853-1859	
BFSB	BLUE#15123 PAINT TT-E-489F	ATLAS PAINT AND VARNISH COMPANY	8010-00-853-1859	
BFSB	ISOPROPYL ALCOHOL,ANHYDROUS	EXXON CHEMICAL AMERICAS A DIV.OF EXXON CHEMICAL CO	6810-00-855-6160	
BFSB	ALCOHOL (TT-I-735)	RANDOLPH PRODUCTS CO.	6810-00-855-6160	
BFSB	TT-I-735,ISOPROPYL ALCOHOL	OCTAGON PROCESS INC.	6810-00-855-6160	
BFSB	ISOPROPYL 99;AMSCO SOLV 5020;PROD.CODE 5020	AMSCO DIV, UNION OIL CO OF CALIFORNIA	6810-00-855-6160	
BFSB	ALUMINUM PAINT	SENTRY PAINT & CHEMICAL CO, DARBY PA. 19023	8010-00-857-193E	
BFSB	X-5767,ALUM HEAT RESIST PAINT,1200F,COMP L	SENTRY PAINT & CHEMICAL CO, DARBY PA. 19023	8010-00-857-193E	
BFSB	PM501M1 NON-SKID,TYPE 2,PART 1	PALMER PRODUCTS, INC	5610-00-857-2450	
BFSB	PM501M1 HARDENER,TYPE 11,PART 2	PALMER PRODUCTS, INC	5610-00-857-2450	
BFSB	FR-1139-R,TYPE JV	PRODUCT RESEARCH & CHEMICAL CORPORATION	5610-00-857-2450	

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MSDS	TRADE NAME	MANUFACTURER	NSN
	BFSZK PM 501 M1 TYPE II	PALMER PRODUCTS, INC	5610-00-857-2451
	BFSZL PM 501 M1 HARDENER	PALMER PRODUCTS, INC	5610-00-857-2451
	BFSZM PR-1139-R,TYPE IV	PRODUCT RESEARCH & CHEMICAL CORPORATION	5610-00-857-2451
	BFSZP PMS01, TYPE II	PALMER PRODUCTS, INC	5610-00-857-2453
	BFSZQ PMS01 M1 HARDENER	PALMER PRODUCTS, INC	5610-00-857-2453
	BFSZR PR-1139-R,TYPE IV	PRODUCT RESEARCH & CHEMICAL CORPORATION	5610-00-857-2453
	BFSZW PMS01 M1-TYPE II	PALMER PRODUCTS, INC	5610-00-857-4391
	BFSZX PR-1139-R,TYPE IV	PRODUCT RESEARCH & CHEMICAL CORPORATION	5610-00-857-4391
	BFTBB PMS01M1 TYPE II	PALMER PRODUCTS, INC	5610-00-857-4393
	BFTBC PM 501 M1 HARDENER	PALMER PRODUCTS, INC	5610-00-857-4393
	BFTBD PMS01M1 HARDNER	THREE BOND OF AMERICA INC	5610-00-857-4393
	BFTBF PMS01M1 HARDENER	THREE BOND OF AMERICA INC	5610-00-857-4393
	BFTBG PR-1139-R,TYPE IV	PRODUCT RESEARCH & CHEMICAL CORPORATION	5610-00-857-4393
	BFTCC RP SUPER FILTER COAT #411	RESEARCH PRODUCTS CORP	4130-00-860-0042
	BFTCX BABYSILONE FLUID M 10,000	MOBAY CHEMICAL CORPORATION, INORGANIC CHEMICALS DIV	9150-00-864-4973
	BFTCY WV-D-107BA 40,000 C/S	BULK CHEMICALS DISTRIBUTORS, INCORPORATED	9150-00-864-4973
	BFTCZ INNERBOND 2010 FLUID, 40,000 CST	INLAND PACKAGING INC.	9150-00-864-4973
	BFTDB DC 200 FLUID 40000 CST	DOW CORNING	9150-00-864-4973
	BFTDC METHYL SILICONE 5000 TO 550,000	WILLIAM F. NYE, INC.	9150-00-864-4973
	BFTDP GRADES 542 AND 544 (MOLECULAR SIEVE)	W R GRACE & CO - DAVISON CHEM DIV	6850-00-865-2418
	BFTDQ MOLECULAR SIEVE TYPE 10A	MULTIFORM DESICCANTS, INC	6850-00-865-2418
	BFTDR 13X MOLECULAR SIEVE	CHEMICAL COMMODITIES (DIST), UNION CARBIDE (MFR).	6850-00-865-2418
	BFTFR RTV-103 ADHESIVE SEALANT	GENERAL ELECTRIC CO., SILICONE PRODUCTS DIVISION	8040-00-865-8991
	BFTJP GENETRON 11	ALLIED CORPORATION CHEMICAL SECTOR	6830-00-872-5102
	BFTJQ REFRIGERANT II	E.I. DUPONT DE NEMOURS & CO, INC	6830-00-872-5102
	BFTKV 117018, CANDLE, OXYGEN LARGE	PURITAN-BENNETT AERO SYSTEMS CO.	4460-00-875-4568
	BFTKW 117018, CANDLE, OXYGEN, LARGE	PURITAN-BENNETT AERO SYSTEMS CO.	4460-00-875-4568
	BFTKX 85984, OXYGEN CANDLE	MINE SAFETY APPLIANCES CO	4460-00-875-4568
	BFTKY 85984, OXYGEN CANDLE	MINE SAFETY APPLIANCES CO	4460-00-875-4568
	BFTNT MD 3113	DEVGE & RAYNOLDS CO	8010-00-879-1103
	BFTQB DISHWASH SOAP HAND	CONTINENTAL CHEMICAL CORP.	7930-00-880-4454
	BFTQM 090019	LEEDS AND NORTHRUP CO	6850-00-880-7007
	BFTQN R100L/CRAMOLIN RED LIQUID	CAIG LABORATORIES INC.	6850-00-880-7007
	BFTQV RTV-108 ADHESIVE SEALANT	GENERAL ELECTRIC CO., SILICONE PRODUCTS DIVISION	6850-00-880-7616
	BFTQW G-624	GENERAL ELECTRIC CO., SILICONE PRODUCTS DIVISION	6850-00-880-7616
	BFTQX DOW CORNING 4 COMPOUND	DOW CORNING	6850-00-880-7616
	BFTTF STATNUL	WESTON INSTRUMENTS	6850-00-882-6690
	BFTXV MIL-T-27730	E.I. DUPONT DE NEMOURS AND COMPANY	8030-00-889-3535
	BFTXZ 742-102; TT-E-489F COMPL, CLA 11105 RED	STANSON DETERGENTS, INC.	8010-00-889-7345
	BFTYB TT-E-489 RED, 11105, ENAMEL, ALKYD, GLOSS	CHEMRAY COATINGS CORPORATION	8010-00-889-7345
	BFTYC 742106 ENAMEL, ALKYD, GLOSS RED 11105	PRATT & LAMBERT	8010-00-889-7345
	BFTYD TT-E-489F RED ENAMEL	BOUGHT ACCORDING TO SPEC	8010-00-889-7345
	BFTYF RED 11105	PRATT & LAMBERT-WICHITA DIV.	8010-00-889-7345
	BFVDQ BLACK 17038; 742-702 ENAMEL ALKYD GLOSS	AMERON INDUSTRIAL COATINGS DIVISION	8010-00-894-4136
	BFVDR ENAMEL, GLOSS, COLOR BLACK: 17038, TT-E-489	RANDOLPH PRODUCTS CO.	8010-00-894-4136
	BFVFK MIL-C-22750, EPOXY POLYAMIDE COAT, CLEAR, KIT	CHEMICAL COMMODITIES AGENCY	8010-00-896-1980
	BFVFL MIL-C-22750C, CLEAR	THREE BOND OF AMERICA INC	8010-00-896-1980
	BFVNC CONOVUEW GLASS CLEANER	STANSON DETERGENTS, INC.	7930-00-901-2088
	BFVND GLASS CLEANER, ANTI-FOGGING TYPE 2	UNION CHEMICAL CO	7930-00-901-2088
	BFVRN BROMOTRIFLUOROMETHANE	WALTER KIDDE & CO	6830-00-903-0912
	BFVRP MIL-C-16173D AEROSOL COATING COMPOUND	PACIFIC AEROSOL, INC.	8030-00-903-0931
	BFVRQ TECTYL 846	ASHLAND OIL INC	8030-00-903-0931
	BFVRR TECTYL 846	ASHLAND OIL INC	8030-00-903-0931
	BFVYG MULTI-PURPOSE GEAR LUBE 80W	AUTOLINE OIL CO.	9150-00-905-9100
	BFVYH ARCO HD GEAR OIL SAE 80W-90	ATLANTIC RICHFIELD CO	9150-00-905-9100
	BFVYJ PHILUBE SMP GEAR OIL (GRADE 80)	PHILLIPS PETROLEUM COMPANY	9150-00-905-9100

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MSDS	TRADE NAME	MANUFACTURER	NSN
BFVYK	GEAR LUBE VAL X18 MD MP SAE 80W90	ASHLAND OIL INC	9150-00-905-910
BFVYL	UNIVERSAL GEAR LUBRICANT SAE 80W-90	CHEVRON U.S.A., INC	9150-00-905-910
BFVYX	LAMINAR X-500(B-B-6)W/HRDNR(50-C-3)OLD FORM	MIDLAND DIV., THE DEXTER CORP.	8030-00-905-362
BFVYY	LAMINAR X-500 HRDNER(50-C-3)(2ND REFORMLTN)	MIDLAND DIV., THE DEXTER CORP.	8030-00-905-367
BFVYZ	LAMINAR X-500 CONDOC BLK(B-B-6)(3RD REFORMUL)	MIDLAND DIV., THE DEXTER CORP.	8030-00-908-036
BFWDP	FORMULA 122-27,NO. 27 HAZE GRAY,MIL-E-15936	DEVDE MARINE COATING CO	8010-00-912-952
BFWHZ	SILICONE ALKYD GRAY 26270 BTTE4905	DAVLIN PAINT CO.	8010-00-917-2256
BFWJB	GRAY	CORONADO PAINT CO. 308 OLD COUNTY RD.,EDGEWATER,FL	8010-00-917-225
BFWJC	SILICONE ALKYD ENAMEL,HAZE GRAY	PRO LINE PAINT COMPANY	8010-00-917-225
BFWKC	146 4254,HYPO CLEARING AGENT	EASTMAN KODAK CO.	6750-00-920-7859
BFWLH	34003	NUCLEAR CORP OF AMERICA INC	6140-00-922-105
BFWLJ	F-150,GREEN BASE,MIL-P-24441/1,5805	INTERNATIONAL PAINT COMPANY,INC.	8010-00-922-115
BFWLK	F-150,GRN RET,MIL-P-24441/1,5804	INTERNATIONAL PAINT COMPANY,INC.	8010-00-922-1154
BFWLL	MIL-P-24441/1,FORM 150,GREEN,COMP A	MOBIL CHEMICAL	8010-00-922-1154
BFWLM	MIL-P-24441/1,FORM 150,GREEN,COMP B	MOBIL CHEMICAL	8010-00-922-115
BFWLN	F-150,GREEN PRIMER,MIL-P-24441/1,65155 A	STANSON DETERGENTS, INC.	8010-00-922-115
BFWLP	F-150,GREEN PRIMER,MIL-P-24441/1,65155B	STANSON DETERGENTS, INC.	8010-00-922-1154
BFWLQ	PORTER 8150 GREEN PRIMER,FORMULA 150 PART A	PORTER PAINT CO	8010-00-922-115
BFWLR	PORTER 8150 GREEN PRIMER,FORMULA 150,PART B	PORTER PAINT CO	8010-00-922-115
BFWLS	589-6-1,COMP.A	MOBIL CHEM.CO.	8010-00-922-1154
BFWLT	589-6-1,COMP.B	MOBIL CHEM.CO.	8010-00-922-1154
BFWLV	MD-3733, GREEN PRIMER, MIL-P-24441/1 PART A	DEVDE & RAYNOLDS CO	8010-00-922-115
BFWLW	MD3734, GREEN PRIMER, MIL-P-24441/1 PART B	DEVDE & RAYNOLDS CO	8010-00-922-1154
BFWLX	F-150, GREEN PRIMER, PTA, 5429, G-452	JOTUN-BALTIMORE COPPER PAINT CO.	8010-00-922-1154
BFWLY	F-150, GREEN PRIMER, PT B, 5428, N-110	JOTUN-BALTIMORE COPPER PAINT CO.	8010-00-922-115
BFWLZ	F-151,HAZE GRAY BASE MIL-P-24441/2,5808	INTERNATIONAL PAINT COMPANY,INC.	8010-00-922-115
BFWMB	F-151,HAZE GRAY,REACTOR,MIL-P-24441/2,5806	INTERNATIONAL PAINT COMPANY,INC.	8010-00-922-1155
BFWMC	MIL-P-24441/2,FORM 151,HAZE GRAY,COMP A	MOBIL CHEMICAL	8010-00-922-115
BFWMD	MIL-P-24441/2,FORM 151,HAZE GRAY,COMP B	MOBIL CHEMICAL	8010-00-922-115
BFWME	F-151, HAZE GRAY,MIL-P-24441/2, 6516S A	STANSON DETERGENTS, INC.	8010-00-922-115
BFWME	F-151, HAZE GRAY, MIL-P-24441/2, 6516S B	STANSON DETERGENTS, INC.	8010-00-922-1155
BFWME	FORMULA 151,MIL-P-24441A, MD-8959,PART A	DEVDE & RAYNOLDS CO, INC.	8010-00-922-115
BFWME	MD-3289,NEUTRAL,MIL-P-24441/1-6,PART B	DEVDE & RAYNOLDS CO, INC.	8010-00-922-115
BFWME	MIL-P-24441/3,FORM 152,WHITE,COMP A	MOBIL CHEMICAL	8010-00-922-1156
BFWME	MIL-P-24441/3,FORM 152,WHITE,COMP B	MOBIL CHEMICAL	8010-00-922-115
BFWME	F-152,WHITE,MIL-P-24441/3, 6517S A	STANSON DETERGENTS, INC.	8010-00-922-115
BFWME	F-152, WHITE, MIL-P-24441/3, 6517S B	STANSON DETERGENTS, INC.	8010-00-922-1156
BFWME	FORMULA 152, MIL-P-24441A, MD-8546,PART A	DEVDE & RAYNOLDS CO, INC.	8010-00-922-1156
BFWME	MD-8289,NEUTRAL, MIL-P-24441/1-6, PART B	DEVDE & RAYNOLDS CO, INC.	8010-00-922-115
BFWME	MIL-P-24441/4, FORM 153,BLACK,COMP A	MOBIL CHEMICAL	8010-00-922-115
BFWME	MIL-P-24441/4,FORM 153,BLACK,COMP B	MOBIL CHEMICAL	8010-00-922-1157
BFWME	F-153, BLACK, MIL-P-24441/4, 6518SA	STANSON DETERGENTS, INC.	8010-00-922-115
BFWME	F-153, BLACK, MIL-P-24441/4, 6518S B	STANSON DETERGENTS, INC.	8010-00-922-115
BFWME	FORMULA 153, MIL-P-24441A, MD-8587, PART A	DEVDE & RAYNOLDS CO, INC.	8010-00-922-1157
BFWME	MD-8289, NEUTRAL, MIL-P-24441/1-6, PART B	DEVDE & RAYNOLDS CO, INC.	8010-00-922-1157
BFWME	MIL-P-24441/4, FORMULA 155	SEAGUARD CORP.	8010-00-922-115
BFWME	MIL-P-24441/5,FORM 154,VERY DK GRAY,COMP A	MOBIL CHEMICAL	8010-00-922-1158
BFWME	MIL-P-24441/5,FORM 154,VERY DK GRAY,COMP B	MOBIL CHEMICAL	8010-00-922-1158
BFWME	FORMULA 154, MIL-P-24441A, MD-8288, PART A	DEVDE & RAYNOLDS CO, INC.	8010-00-922-115
BFWME	MD8289, NEUTRAL, MIL-P-24441/1-6, PART B	DEVDE & RAYNOLDS CO, INC.	8010-00-922-115
BFWME	MIL-P-24441/6,FORM 155,DARK GRAY,COMP A	MOBIL CHEMICAL	8010-00-922-1159
BFWME	MIL-P-24441/6,FORM 155,DARK GRAY,COMP B	MOBIL CHEMICAL	8010-00-922-115
BFWME	F-155, DARK GRAY, MIL-P-24441/6, 6520S A	STANSON DETERGENTS, INC.	8010-00-922-115
BFWME	F-155, DARK GRAY, MIL-P-24441/6, 6520S B	STANSON DETERGENTS, INC.	8010-00-922-1159
BFWME	FORMULA 155, MIL-P-24441A, MD-8956, PART A	DEVDE & RAYNOLDS CO, INC.	8010-00-922-115
BFWME	MD-8289,NEUTRAL, MIL-P-24441/1-6, PART B	DEVDE & RAYNOLDS CO, INC.	8010-00-922-115

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MSDS	TRADE NAME	MANUFACTURER	NSN
	BFWNM MIL-P-24441/7, FORM 156, RED, COMP A	MOBIL CHEMICAL	8010-00-922-1160
	BFWNN MIL-P-24441/7, FORM 156, RED, COMP B	MOBIL CHEMICAL	8010-00-922-1160
	BNP F-156, RED, MIL-P-24441/7, 6521S A	STANSON DETERGENTS, INC.	8010-00-922-1160
	BNP F-156, RED, MIL-P-24441/7, 6521S B	STANSON DETERGENTS, INC.	8010-00-922-1160
	BFWNR F-156, RED, MIL-P-24441/7, 5825	INTERNATIONAL PAINT CO. (CALIF), INC.	8010-00-922-1160
	BFWNS F-156, RED, MIL-P-24441/7, 5826	INTERNATIONAL PAINT CO. (CALIF), INC.	8010-00-922-1160
	BFWSM 917 DISINFECTANT DETERGENT	EUREKA LABORATORIES	6840-00-926-1686
	BFWSN FREE N CLEAR CONC. DISINFECTANT	BARRIER INDUSTRIES	6840-00-926-1686
	BFWSP STERI PLUS II DISINFECTANT	ENVIRONMENTAL CONTROL SYSTEMS	6840-00-926-1686
	BFWSQ ALL-IN-ONE	CHEMICAL COMMODITIES AGENCY	6840-00-926-1686
	BFWTJ ROYCO 49B, MIL-G-23549, LUBRICATING GREASE	ROYAL LUBRICANTS COMPANY, INC.	9150-00-926-2118
	BFWVG WINDSHIELD ANTI-FREEZE	PROCESS RESEARCH PRODUCTS	6850-00-926-2275
	BFWVH METHYL ALCOHOL	GOLD EAGLE CO	6850-00-926-2275
	BFWVJ WINDSHIELD CLEANER	CONTINENTAL CHEMICAL CORP.	6850-00-926-2275
	BFWVK CONC- WINDSHIELD SOLVENT	MIDWEST POLYCHEM, LTD (DIST), BARON-BLAKESLEE (MFR).	6850-00-926-2275
	BFWVL FED SPEC O-C-1901	CHEMICAL COMMODITIES AGENCY	6850-00-926-2275
	BFWML DETERGENT, GENERAL PURPOSE (SPRAY-ON, WIPE OFF)	LIGHTHOUSE FOR THE BLIND	7930-00-926-5280
	BFWMX MAGNESIUM-CARBON BATTERY, BA4386/PRC25	RAY-O-VAC DIVISION, ESB INCORPORATED	6135-00-926-8322
	BFWVK NEOLUBE NO.1, DRY FILM CONDUCTIVE LUBRICANT	HURON INDUSTRIES, INCORPORATED	9150-00-926-8963
	BFWXL DAG 156	ACHESON COLLOIDS COMPANY (MFR) ST CLAIR IND (DIST)	9150-00-926-8963
	BFWZY G-641	GENERAL ELECTRIC CO., SILICONE PRODUCTS DIVISION	6850-00-927-9461
	BFWZZ SILICONE COMPOUND, HEAT SINK	LE STOKES GROUP	6850-00-927-9461
	BFXBB DC 340 HEAT SINK COMPOUND	DOW CORNING	6850-00-927-9461
	BFXBC CHEM-PLEX 1381	NONFLUID OIL CORPORATION	6850-00-927-9461
	BFXBS LAUNDRY DETERGENT	CONTINENTAL CHEMICAL CORP.	7930-00-929-1220
	BFXBT LAUNDRY DETERGENT I	STANSON DETERGENTS, INC.	7930-00-929-1220
	BFXBV DETERGENT, LAUNDRY		7930-00-929-1220
	BFXBW P-D-245, TYPE I (LD-SUDZ)	MAGNAFLUX SURFACE CONDITIONERS INC.	7930-00-929-1220
	BFXBX PD245 TYPE 1	BOUGHT ACCORDING TO SPEC	7930-00-929-1220
	BFXDZ SOLVENT 11		6810-00-930-6311
	BFXFB LAB NO 34826	SPRAYON PRODUCTS DIV; SHERWIN WILLIAM CO.	6810-00-930-6311
	BFXFC SOLVENT 111; 1,1,1-TRICHLOROETHANE; IND. GRADE	VULCAN MATERIALS CO, CHEM. DIV.	6810-00-930-6311
	BFXFD CRC 2-26 (AEROSOL)	CRC CHEMICALS	6810-00-930-6311
	BFXFF O-T-620, TRICHLOROETHANE-1,1,1, TECH, INH16TD	AIROSOL CO, INC	6810-00-930-6311
	BFXFG INHIBISOL SPRAY (WITH CO#2 PROPELLANT)	PENETONE CORPORATION	6810-00-930-6311
	BFXFH SOLVENT 111	BULK CHEMICALS DISTRIBUTORS, INCORPORATED	6810-00-930-6311
	BFXFJ CHLOROETHENE SM SOLVENT, PRODUCT CODE 16896	DOW CHEMICAL U.S.A (MFR) PHIPPS PRODUCTS (DISTRIBU)	6810-00-930-6311
	BFXKF CALLA 505	CALLA CHEMICAL CO.	6850-00-935-0996
	BFXKG CALLA 505 (UPDATE AS OF APRIL 1981)	CALLA CHEMICAL CO.	6850-00-935-0996
	BFXKH ARDROX 6405	URESCO ARDROX	6850-00-935-0996
	BFXKJ MIL-C-25769, CLNG. COMPD. AIRCRAFT SURFACE	OMEGA CHEMICAL COMPANY, INC.	6850-00-935-0996
	BFXKK NUJITE SCD-SS	STANSON DETERGENTS, INC.	6850-00-935-0996
	BFXKL FORMULA Y-1537	PENETONE CORPORATION	6850-00-935-0996
	BFXKM AEROWASH	DIVERSEY WYANDOTTE CORP	6850-00-935-0996
	BFXKN JET CLENE	MAGNAFLUX SURFACE CONDITIONERS INC.	6850-00-935-0996
	BFXKP TURCO AIRTEC # 19	TURCO PRODUCTS INC. SUBSIDIARY OF PENNWALT INC.	6850-00-935-0996
	BFXKQ CEE-BEE A-69X	MCGEAN CHEMICAL COMPANY, INC.	6850-00-935-0996
	BFXKR INTEX 8758	INTEX PRODUCTS, INC.	6850-00-935-0996
	BFXKS 815 M6	BRULIN & COMPANY, INC.	6850-00-935-0996
	BFXLB FREON TF	E. I. DUPONT (PPG INDUST, UNION CARBIDE DOW CHEM)	6850-00-935-1082
	BFXLC FREON TF, 60LB	ASHLAND CHEMICAL CO	6850-00-935-1082
	BFXLD CLEANER 205	THE IRONSIDES COMPANY	6850-00-935-1082
	BFXLF TRICHLOROFLUOROETHANE (MIL-C-81302C)	BULK CHEMICALS DISTRIBUTORS, INCORPORATED	6850-00-935-1082
	BFXLG MIL-C-81302C, AMEND NO 1, TYPE II	CHEMICAL COMMODITIES AGENCY	6850-00-935-1082
	BFXMF P-P-560	PERMATEX INDUSTRIAL DIVISION	7930-00-935-3794
	BFXMG P-P-560	PERMATEX INDUSTRIAL	7930-00-935-3794

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MSDS	TRADE NAME	MANUFACTURER	NSN	PAGE
BFXMH	P-P-560, TY1, POLISH, PLASTIC	TRIO CHEMICAL WORKS, INC.	7930-00-935-376*	
BFXNQ	ROYCO 27	ROYAL LUBRICANTS COMPANY, INC.	9150-00-935-401	
BFXNR	ROYCO 27A1	ROYAL LUBRICANTS COMPANY, INC.	9150-00-935-401	
BFXNS	SUPERMIL GREASE NO. A-72832	AMOCO OIL COMPANY	9150-00-935-401	
BFXNT	5114 EP GREASE	EXXON COMPANY, U.S.A.	9150-00-935-401	
BFXNV	LOW TEMP GREASE EP(02346)	TEXACO INC	9150-00-935-401	
BFXNW	SA 824 5292	SOUTHWEST PETRO-CHEM, INC	9150-00-935-4017	
BFXNX	ROYCO 64	ROYAL LUBRICANTS COMPANY, INC.	9150-00-935-401	
BFXNY	ROYCO 64D	ROYAL LUBRICANTS COMPANY, INC.	9150-00-935-401	
BFXNZ	AEROSHELL GREASE 17 (70017)	SHELL OIL COMPANY	9150-00-935-4018	
BFXQR	PC29M, PART A, CODE PA0006	HYSOL DIV., (DEXTER CORP)	5970-00-935-4941	
BFXQS	PC29M, PART B, CODE PB0006	HYSOL DIV., (DEXTER CORP)	5970-00-935-4941	
BFXQT	CONATHANE CE-1164	CONAP, INC.	5970-00-935-4941	
BFXQV	CONATHANE CE-1164 (AFTER 1985)	CONAP, INC.	5970-00-935-4941	
BFXQW	PR-1568	PRODUCT RESEARCH & CHEMICAL CORPORATION	5970-00-935-4941	
BFXQX	1A33 HUMISEAL	HUMISEAL DIVISION, COLUMBIA CHASE CORP	5970-00-935-4941	
BFXQY	HUMISEAL 2A64 PART A	HUMISEAL DIVISION, COLUMBIA CHASE CORP	5970-00-935-4941	
BFXRY	ROYCO 22C	ROYAL LUBRICANTS COMPANY, INC.	9150-00-935-585*	
BFXRZ	ROYCO 22D	ROYAL LUBRICANTS COMPANY, INC.	9150-00-935-585*	
BFXSB	MOBILGREASE 28	MOBIL OIL CORPORATION	9150-00-935-5851	
BFXSC	AEROSHELL GREASE 22	SHELL OIL COMPANY	9150-00-935-5851	
BFXSD	AEROSHELL GREASE 22 ; SHELL CODE:70022	SHELL OIL COMPANY	9150-00-935-5851	
BFXTC	794-716	AMERON INDUSTRIAL COATINGS DIVISION	8010-00-935-6608	
BFXTD	17875 WHITE	PRATT & LAMBERT	8010-00-935-6608	
BFXTF	L-95A-66 ACRYLIC LACQUER, WHITE (17875)	STANSON DETERGENTS, INC.	8010-00-935-6608	
BFXTG	IB NO 2611	ILLINOIS BRONZE POWDER AND PAINT COMPANY	8010-00-935-6608	
BFXTH	794-636	AMERON INDUSTRIAL COATINGS DIVISION	8010-00-935-7060	
BFXTK	36440 GRAY	PRATT & LAMBERT	8010-00-935-7060	
BFXTN	794-104	AMERON INDUSTRIAL COATINGS DIVISION	8010-00-935-7060	
BFXTP	P-983 MIL-L-81352, LACQUER, ACRYLIC, INC16 RED	LENMAR LACQUERS, INC	8010-00-935-7062	
BFXTQ	794104 RED 11136 16L	PRATT & LAMBERT	8010-00-935-7062	
BFXTR	794-104	AMERON INDUSTRIAL COATINGS DIVISION	8010-00-935-7062	
BFXTS	P-983 MIL-L-81352, LACQUER, ACRYLIC FOR NAVAL	LENMAR LACQUERS, INC	8010-00-935-7062	
BFXTT	MIL-L-81352, LACQUER, ACRYLIC, RED #11136	LENMAR LACQUERS, INC	8010-00-935-7064	
BFXTV	11136	PACIFIC AEROSOL, INC.	8010-00-935-7064	
BFXTW	IB N02613	ILLINOIS BRONZE POWDER AND PAINT COMPANY	8010-00-935-7064	
BFXTX	794-202	AMERON INDUSTRIAL COATINGS DIVISION	8010-00-935-7065	
BFXTY	794-202	AMERON INDUSTRIAL COATINGS DIVISION	8010-00-935-7066	
BFXTZ	794297 ORANGE 12197 10T	PRATT & LAMBERT	8010-00-935-7066	
BFXVK	794-430	AMERON INDUSTRIAL COATINGS DIVISION	8010-00-935-7070	
BFXVL	LACQUER ACRYLIC GREEN 14187	PRATT & LAMBERT, INC	8010-00-935-7070	
BFXVM	794-430	AMERON INDUSTRIAL COATINGS DIVISION	8010-00-935-7070	
BFXVN	P-979/LACQUER	LENMAR LACQUERS, INC	8010-00-935-7070	
BFXVP	14187-GREEN	PRATT & LAMBERT	8010-00-935-7071	
BFXVQ	ACRYLOIDS	THREE BOND OF AMERICA INC	8010-00-935-7071	
BFXVR	794-504	AMERON INDUSTRIAL COATINGS DIVISION	8010-00-935-7071	
BFXVS	15044-BLUE	PRATT & LAMBERT	8010-00-935-7072	
BFXVT	794-516	AMERON INDUSTRIAL COATINGS DIVISION	8010-00-935-7073	
BFXVW	15102-BLUE	PRATT & LAMBERT	8010-00-935-7073	
BFXVY	16081	PACIFIC AEROSOL, INC.	8010-00-935-7073	
BFXVZ	GRAY(16081)	ILLINOIS BRONZE POWDER AND PAINT COMPANY	8010-00-935-7075	
BFXWB	794-622	AMERON INDUSTRIAL COATINGS DIVISION	8010-00-935-7075	
BFXWC	P-992, LACQUER	LENMAR LACQUERS, INC	8010-00-935-7075	
BFXWD	LACQUER ACRYLIC AIRCRAFT GRAY 16473	PRATT & LAMBERT	8010-00-935-7076	
BFXWF	794-702	AMERON INDUSTRIAL COATINGS DIVISION	8010-00-935-7077	
BFXWG	794702 BLACK 17038 16L	PRATT & LAMBERT	8010-00-935-7077	

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MSDS	TRADE NAME	MANUFACTURER	NSN
	BFXWH 794-702	AMERON INDUSTRIAL COATINGS DIVISION	8010-00-935-7078
	BFXWJ 17038-BLACK	PRATT & LAMBERT	8010-00-935-7078
	BFXWK MILK-L-81352,LACQUER,ACRYLIC,FLT BLACK,37038	LENMAR LACQUERS,INC	8010-00-935-7079
	BFXWL 37038	PACIFIC AEROSOL, INC.	8010-00-935-7079
	BFXWM DRO39-CONCENTRATE	DEVDE & RAYNOLDS CO	8010-00-935-7079
	BFXWN LACQUER,ACRYLIC(F /NAVAL WEAPONS SYS)AERBLK	ILLINOIS BRONZE POWDER AND PAINT COMPANY	8010-00-935-7079
	BFXWP CONVERTER	KOPPERS CO.INC, 646 OWENBY DR.MARIETTA GA. 30060	8010-00-935-7080
	BFXWQ 724-102(COMP I),724-112(COMP II)	AMERON INDUSTRIAL COATINGS DIVISION	8010-00-935-7080
	BFXWR PRIMER COATING	CORONADO PAINT CO. 308 OLD COUNTY RD.,EDGEWATER,FL	8010-00-935-7080
	BFXWS 724222-COMP A	PRATT & LAMBERT	8010-00-935-7080
	BFXWT 724112-COMP B	PRATT & LAMBERT	8010-00-935-7080
	BFXWV 513 X 366 PRIMER; MIL-P-23377D TYPE I	DESOTO, INC.	8010-00-935-7080
	BFXWH 463-7-26,MIL-P-23377D,TY 1,PT A (SEE X-369)	BOSTIK WEST,DIV OF USM CORP,AN EMHART UNIT	8010-00-935-7080
	BFXWX X-369,PT B (SEE 463-7-26,MIL-P-23377D,TY 1)	BOSTIK WEST,DIV OF USM CORP,AN EMHART UNIT	8010-00-935-7080
	BFXWY 36440	PACIFIC AEROSOL, INC.	8010-00-935-7085
	BFXWZ IB-NO 2615	ILLINOIS BRONZE POWDER AND PAINT COMPANY	8010-00-935-7085
	BFYCG STERI PLUS II DISINFECTANT	ENVIRONMENTAL CONTROL SYSTEMS	6840-00-935-9813
	BFYCH ALL-IN-ONE	CHEMICAL COMMODITIES AGENCY	6840-00-935-9813
	BFYCJ 6P DETERGENT	CONTINENTAL CHEM. CORP	6840-00-935-9813
	BFYGB CORROSION PREVENTIVE COMPOUND	BULK CHEMICALS DISTRIBUTORS, INCORPORATED	8030-00-938-1947
	BFYGR ALOX 2028C	ALOX CORP	8030-00-938-1947
	BFYGS STARRETT M-1 ALL PURPOSE LUBRICANT	THE L.S.STARRETT COMPANY	8030-00-938-1947
	BFYMC MOLYLUBE ANTI-SEIZE 70 #1810	BEL-RAY CO INC.	9150-00-943-6880
	BFYMD LS-1774	GRAPHITE PRODUCTS CORPORATION	9150-00-943-6880
	BFYMF MOLYKOTE G-M PASTE,ORGANIC BASE GREASE	DOW CORNING	9150-00-943-6880
	BFYMG CP-28 PASTE; GREASE	E/M CORPORATION;SUB OF GREAT LAKES CHEMICAL CORP	9150-00-943-6880
	BFYMH CP-28;GREASE	E/M CORPORATION;SUB OF GREAT LAKES CHEMICAL CORP	9150-00-943-6880
	BFYPM ROYCO 22	ROYAL LUBRICANTS COMPANY,INC.	9150-00-944-8953
	BFYPP ROYCO 22D	ROYAL LUBRICANTS COMPANY,INC.	9150-00-944-8953
	BFYPR MOBILGREASE 28	ROYAL LUBRICANTS COMPANY,INC.	9150-00-944-8953
	BFYPR AEROSHELL GREASE 22 ;SHELL CODE:70022	MOBIL OIL CORPORATION	9150-00-944-8953
	BFYPS MOBILGREASE 28	SHELL OIL COMPANY	9150-00-944-8953
	BFYQB BB-G-110 TYPE I	MOBIL OIL CORP	9150-00-944-8953
	BFYQD S-749	BOUGHT ACCORDING TO SPEC	6830-00-945-3960
	BFYZR SURF-KOTE A-5021	HOHMAN PLATING & MFG., INC.	9150-00-954-7422
	BFYZS LUBRICANT,SOLID FILM	HOHMAN PLATING & MFG., INC.	9150-00-954-7422
	BFYZT MOLYKOTE 3402 BONDED LUBRICANT	LUBRI FILM	9150-00-954-7422
	BFYZV MOLYKOTE 3402 BONDED LUBRICANT	DOW CORNING	9150-00-954-7422
	BFYZW PERMA SILK 6	DOW CORNING	9150-00-954-7422
	BFYZX PERMA-SLIK 6	E/M CORPORATION;SUB OF GREAT LAKES CHEMICAL CORP	9150-00-954-7422
	BFYZY LUBRI-BOND 220 (BULK), TYPE I	E/M CORPORATION;SUB OF GREAT LAKES CHEMICAL CORP	9150-00-954-7422
	BFYZZ LUBRI-BOND 220,MIL-L-23398,TYPE I (BULK)	ELECTROFILM INC	9150-00-954-7422
	BFZBB LUBRI-BOND 220 (BULK) MIL-L-23398D	ELECTROFILM INC	9150-00-954-7422
	BFZBC KAL-GARD AD	ELECTROFILM INC	9150-00-954-7422
	BFZBD "AD" PER MIL-L-23398 (LUBRICANT,SOLID FILM)	KAL-GARD COATING & MFG CORP	9150-00-954-7422
	BFZBF MOLYKOTE 3402	KAL-GARD COATING & MFG CORP	9150-00-954-7422
	BFZDN 157 1900,KODALITH LIQUID DEVELOPER,PART A	DOW CORNING CORP	9150-00-954-7422
	BFZFD MIL-M-23573,MONOETHANOLAMINE,CHELATING AGNT	EASTMAN KODAK CO.	6750-00-958-6549
	BFZFR MIL-M-23573,MONOETHANOLAMINE,CHELATING AGNT	OMEGA CHEMICAL CO	6810-00-958-9970
	BFZFS MIL-M-23573,MONOETHANOLAMINE,CHELATING AGNT	DAKITE PRODUCTS, INC.	6810-00-958-9970
	BFZFT MIL-M-23573,MONOETHANOLAMINE,CHELATING AGNT	ASTRO DEVELOPMENT LABORATORIES,INC	6810-00-958-9970
	BFZFV MIL-M-23573A;MONOETHANOLAMINE CHELATING AGT	TRIKORIUM CORPORATION(DIST),DOW CHEMICAL(MFR)	6810-00-958-9970
	BFZFW MONOETHANOLAMINE CHELATING SOLUTION	OCTAGON PROCESS INC.	6810-00-958-9970
	BFZHV BRAYCOTE 806	DOMINION CHEMICAL CO	6810-00-958-9970
	IT KRYTOX 240SERIES&GPL FLUORINATED GREASES AC	E.I. DUPONT (PPG INDUST,UNION CARBIDE DOW CHEM)	9150-00-961-8995
		BURMAN-CASTROL INC-BRAY PRODUCTS DIV.	9150-00-961-8995

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MSDS	TRADE NAME	MANUFACTURER	NSN	PAGE
BFZHW	TRIBOLUBE 10C; TYPE III	AEROSPACE LUBRICANTS, INC.	9150-00-961-895	
BFZHX	FS-1292 GREASE	DOW CORNING	9150-00-961-895	
BFZJC	3M BRAND CORROSION RESISTANT COATING-1706	3M COMPANY	8030-00-961-425	
BFZJD	CORROSION RESISTANT COATING 1706 GRAY	3M COMPANY	8030-00-961-425	
BFZJK	SCOTCHKOTE BRAND ELECTRICAL COATINGS	3M COMPANY	5970-00-962-333	
BFZJL	SCOTCHKOTE	3M COMPANY	5970-00-962-333	
BFZJM	SCOTCHKOTE ELECTRICAL COATING	3-M COMPANY	5970-00-962-333	
BFZKL	IP-9 ZYGLO DEVELOPER(PRE 1975-SEE SUPPL)	MAGNAFLUX CORP.	6850-00-963-540	
BFZKM	IP-9B ZYGLO DEVELOPER(POST 1975-SEE SUPPL)	MAGNAFLUX CORP.	6850-00-963-540	
BFZKN	IP-9C ZYGLO DEVELOPER(PRE 1978-SEE SUPPL)	MAGNAFLUX CORP.	6850-00-963-540	
BFZKP	IP-9C ZYGLO DEVELOPER(POST 1978-SEE SUPPL)	MAGNAFLUX CORP.	6850-00-963-540	
BFZKQ	G635;SILICONE COMPOUND	GENERAL ELECTRIC CO., SILICONE PRODUCTS DIVISION	6850-00-963-540	
BFZKR	DOW CORNING 5 COMPOUND	DOW CORNING	6850-00-963-540	
BFZLH	FC-77	3M COMPANY	6850-00-964-0838	
BFZLJ	FC-75 FLORINERT ELECTRONIC LIQUID	3M COMPANY	6850-00-964-0831	
BFZMK	MOLYKOTE G-N PASTE	DOW CORNING	8030-00-964-640	
BFZMX	PARCOLAC 17 (0078)	PARKER DIVISION-OXY METAL INDUSTRIES CORP	8030-00-964-9169	
BFZNN	ROYCO 64	ROYAL LUBRICANTS COMPANY, INC.	9150-00-965-200	
BFZNP	ROYCO 64D	ROYAL LUBRICANTS COMPANY, INC.	9150-00-965-200	
BFZNQ	AEROSHELL GREASE 17	SHELL OIL COMPANY	9150-00-965-2003	
BFZPS	AVIATION OIL 22851 1080 LAP III	DELTA PETROLEUM CO. INC	9150-00-965-2303	
BFZPT	MIL-L-22851C, TY III, LUB. OIL, ARCFT. PISTON	OCTAGON PROCESS INC.	9150-00-965-2303	
BFZQF	STEAM POWER 437 (P-C-437B)	MAGNAFLUX SURFACE CONDITIONERS INC.	6850-00-965-2329	
BFZQG	TURCO STEAM-X3B	TURCO PRODUCTS INC. SUBSIDIARY OF PENNWALT INC.	6850-00-965-2329	
BFZQL	COREM S-1	CORAL CHEMICAL COMPANY	6850-00-965-2331	
BFZQM	P-C-444A, TYPE I - 212-19	MAGNAFLUX SURFACE CONDITIONERS INC.	6850-00-965-2331	
BFZQN	PPW-20	PAR. CHEM PRODUCTS INC.	6850-00-965-2331	
BFZQP	TURCO KLENE	TURCO PRODUCTS INC. SUBSIDIARY OF PENNWALT INC.	6850-00-965-2331	
BFZQX	DETERGENT GP	CONTINENTAL CHEMICAL CORP.	6850-00-965-2359	
BFZQY	FORMULA 730;CLENING COMPOUND	PENETONE CORPORATION	6850-00-965-2359	
BFZQZ	MIL-C-22230B;CLEAN. COMPD;FUEL TANK & BILGE	OCTAGON PROCESS INC.	6850-00-965-2359	
BFZRB	FUEL TANK & BILGE CLEANER (MIL-C-22230)	GEO. SENN, DIV. GLOBE SOLVENTS (PHIPPS PRODUCTS CORP)	6850-00-965-2359	
BFZRC	DETERGENT GP	CONTINENTAL CHEMICAL CORP.	6850-00-965-2360	
BFZRD	PEROKLEAN PK818	PEROLIN COMP. LMTD(MFR) PEROLIN MARINE(DISTRIBUTOR)	6850-00-965-2360	
BFZRF	TANK CLEANER	MAGNAFLUX SURFACE CONDITIONERS INC.	6850-00-965-2360	
BFZRG	MIL-C-22230;CLEANING COMPOUND	OCTAGON PROCESS INC.	6850-00-965-2360	
BFZRH	CLEANING COMPOUND, FUEL TANK & BILGE	GEORGE SENN COMPANY, DIV. OF GLOBE SOLVENTS	6850-00-965-2360	
BFZSD	ACID DILUENT	RANDOLPH PRODUCTS CO.	8030-00-965-2436	
BFZSF	F-117B, PRETREATMENT PRIMER, PART A	KOPPERS COMPANY, INC.	8030-00-965-2436	
BFZSG	F-117B PRETREATMENT PRIMER, PART B	KOPPERS COMPANY, INC.	8030-00-965-2436	
BFZSH	P-605-66 WASH PRIMER, PT A	KOPPERS COMPANY, INC.	8030-00-965-2436	
BFZSJ	T-152-66 ACID COMPONENT, PT B	KOPPERS COMPANY, INC.	8030-00-965-2436	
BFZSN	BB-H-886 TYPE I	BOUGHT ACCORDING TO SPEC	6830-00-965-2492	
BFZSQ	ANTI-SWEAT COMPOUND, TT-C-492A	DEVDE MARINE COATING CO	8010-00-965-2507	
BGBDT	DU-OL PENETRATING FLUID	UNIVAL CORPORATION	6850-00-973-9091	
BGBDV	PENETRATING FLUID	CHEMSCOPE CORP.	6850-00-973-9091	
BGBDW	O-P-1731 PENETRATING FLUID	BULK CHEMICALS DISTRIBUTORS, INCORPORATED	6850-00-973-9091	
BGBDX	PENETRATING FLUID, AEO SOL	ATLANTIC CHEMICAL CO., INC	6850-00-973-9091	
BGBJS	BB646/U, BATTERY STORAGE, AG-ZN, RECHARG. 6VDC	IMC CHEMICAL GROUP, INC.	6140-00-981-5865	
BGBLF	GENESOLV D SOLVENT (FREON 113)	ALLIED CORPORATION CHEMICAL SECTOR	6850-00-983-0282	
BGBLG	GENESOLV D SOLVENT (VARIOUS GRADES)	ALLIED CORPORATION CHEMICAL SECTOR	6850-00-983-0282	
BGBLH	FREON TF SOLVENT; FREON PCA	E. I. DUPONT DE NEMOURS & CO., INC.	6850-00-983-0282	
BGBLS	ISOPROPYL ALCOHOL	EASTMAN KODAK CO.	6810-00-983-8551	
BGBLT	FILM REMOVER, BR27	XEROX CORP.	6810-00-983-8551	
BGBLV	ISOPROPYL ALCOHOL 99%	XEROX CHEMICAL CO; DIVISION OF ATLANTIC RICHFIELD CO	6810-00-983-8551	
BGBLW	ISOPROPYL ALCOHOL 99%	POLYSCIENCES, INC.	6810-00-983-8551	

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MSDS	TRADE NAME	MANUFACTURER	NSN
	BGBLX ISOPROPYL ALCOHOL; TT-I-735A	CSD, INC.	6810-00-983-8551
	BGBLY ISOPROPANOL 99%	AAPER ALCOHOL & CHEMICAL CO.	6810-00-983-8551
	BGBLZ ISOPROPANOL; ISOPROPYL ALCOHOL	CHEMICAL COMMODITIES (DIST), UNION CARBIDE (MFR).	6810-00-983-8551
	IB ISOPROPYL ALCOHOL, ANHYDROUS	EXXON CHEMICAL AMERICAS A DIV. OF EXXON CHEMICAL CO	6810-00-983-8551
	BGBMC ALCOHOL (TT-I-735)	RANDOLPH PRODUCTS CO.	6810-00-983-8551
	BGBMD TT-I-735, ISOPROPYL ALCOHOL, GRADE A.	OCTAGON PROCESS INC.	6810-00-983-8551
	BGBMF TT-I-735, ISOPROPYL ALCOHOL TECHNICAL	SHELL CHEMICAL CO A DIV OF SHELL OIL CO.	6810-00-983-8551
	BGBMG AMSCO SOLV 5020, ISOPROPYL 99	AMSCO DIV, UNION OIL CO OF CALIFORNIA	6810-00-983-8551
	BGBNK GENESOLV D SOLVENT	ALLIED CORPORATION CHEMICAL SECTOR	6850-00-984-5853
	BGBNL FREON PCA 690#	ASHLAND CHEMICAL CO	6850-00-984-5853
	BGBNM FREON TF SOLVENT; FREON PCA	E. I. DUPONT DE NEMOURS & CO., INC.	6850-00-984-5853
	BGBNN FREON TF DEGREASER/MAGNETIC TAPE HEAD CLEAN	CROWN INDUSTRIAL PRODUCTS COMPANY	6850-00-984-5853
	BGBPY SCOURING POWDER, GLASS-CLEANING	FITZPATRICK BROS., INC.	7930-00-985-6902
	BGBPZ LAUNDRY DETERGENT	CONTINENTAL CHEMICAL CORP.	7930-00-985-6904
	BGBQB LAUNDRY DETERGENT TYPE I	STANSON DETERGENTS, INC.	7930-00-985-6904
	BGBQC PD245	INDUSTRIAL PACKAGING CO., INC.	7930-00-985-6904
	BGBQD LAUNDRY DETERGENT	BOUGHT ACCORDING TO SPEC	7930-00-985-6904
	BGBQH DISHWASHING COMPOUND, MACHINE, P-D-1800, TYP 1	CARROLL COMPANY	7930-00-985-6906
	BGBQJ DETERGENT, GEN. PURPOSE (LIQUID, NONIONIC)	CSD, INC	7930-00-985-6911
	BGBQK TRITON X-100 SURFACTANT (6-1572) TYPE 1	NATIONAL DIAGNOSTICS	7930-00-985-6911
	BGBQL TRITON X-100	ROHM AND HAAS CO	7930-00-985-6911
	BGBQM DETERGENT, GP, TYPE II	MICHEL & PELTON COMPANY	7930-00-985-6911
	BGBQN 9016-45-9	FORECHEM COMPANY	7930-00-985-6911
	BGBRJ ENGINE LUBRICATING OIL MIL-L-23699B	ROYAL LUBRICANTS COMPANY, INC.	9150-00-985-7099
	BGBRK ROYCO 899	ROYAL LUBRICANTS COMPANY, INC.	9150-00-985-7099
	BGBRL RAYCO 899	BURMAH-CASTROL INC-BRAY PRODUCTS DIV.	9150-00-985-7099
	BGBRM TURBO OIL 2360	EXXON COMPANY, U.S.A.	9150-00-985-7099
	BGBRN AVREX S TURBO 260	MOBIL OIL CORPORATION	9150-00-985-7099
	BGBRP HATCOL 3211	HATCO CHEMICAL CORPORATION	9150-00-985-7099
	BGBRQ EMERY 2949 SYNTHETIC TURBINE LUBRICANT	EMERY CHEMICALS	9150-00-985-7099
	BGBRR AEROSHELL TURBINE OIL 500, 60250	SHELL OIL COMPANY	9150-00-985-7099
	BGBRS 25107 LUBE OIL, AIRCRAFT	AMERICAN OIL SUPPLY COMPANY	9150-00-985-7099
	BGBSF IMPERIAL 2075TH (QUAL #634D346)	IMPERIAL OIL CO., INC.	9150-00-985-7231
	BGBSG 2075 T-H (MFR CODE SE 8610632) MIL-H-17672	SOUTHWEST PETRO-CHEM, INC	9150-00-985-7231
	BGBSH IMPERIAL 2075TH, QUAL #634-D-346, P/N 722	IMPERIAL OIL CO., INC.	9150-00-985-7232
	BGBSJ MIL-H-17672; HYDRAULIC FLUID; PROD#SE861-0632	WITCO, SOUTHWEST PETRO-CHEM DIVISION	9150-00-985-7232
	BGBSK GULF TS-864-32 HYDRAULIC FLUID	CHEVRON USA INC.	9150-00-985-7233
	BGBSL IMPERIAL 2075TH, QUAL #634-D-346, P/N 723	IMPERIAL OIL CO., INC.	9150-00-985-7233
	BGBSM SE 861 0632	SOUTHWEST PETRO-CHEM, INC	9150-00-985-7233
	BGBSN GULF TS-864-46 HYDRAULIC FLUID	CHEVRON USA INC.	9150-00-985-7234
	BGBSP 1402 INDUSTRIAL OIL 46 RD	GULF OIL CORPORATION	9150-00-985-7234
	BGBSQ IMPERIAL 2110TH, QUAL #634-D-346, P/N 262	IMPERIAL OIL CO., INC.	9150-00-985-7234
	BGBSR MIL-H-17672D; LUBRICATING OIL; CODE: 60597	BATTENFELD-AMERICAN INC	9150-00-985-7234
	BGBSS MIL-L-17672, MIL 2110-T-H SYM HYDRAULIC FLD	SUN PETROLEUM PRODUCTS	9150-00-985-7234
	BGBST IMPERIAL 2135TH, QUAL #634-D-346	IMPERIAL OIL CO., INC.	9150-00-985-7236
	BGBSV SUNVIS 2135-TH (68)	SUN REFINING AND MARKETING COMPANY	9150-00-985-7236
	BGBSW GULF TS-864-68 HYDRAULIC FLUID	CHEVRON U.S.A., INC	9150-00-985-7236
	BGBSX GULF TS-864-68 HYDRAULIC FLUID	CHEVRON USA INC.	9150-00-985-7237
	BGBSY SE 861 0668	BATTENFELD-AMERICAN, INC	9150-00-985-7237
	BGBSZ IMPERIAL 2135TH, QUAL #634-D-346, P/N 282	IMPERIAL OIL CO., INC.	9150-00-985-7237
	BGBTB SUNVIS 2135-TH (68)	SUN REFINING AND MARKETING COMPANY	9150-00-985-7237
	BGBTK ROYCO 27	ROYAL LUBRICANTS COMPANY, INC.	9150-00-985-7244
	BGBTL ROYCO 27A1	ROYAL LUBRICANTS COMPANY, INC.	9150-00-985-7244
	BGBTM 5114 EP GREASE	EXXON COMPANY, U.S.A.	9150-00-985-7244
	^TN AEROSHELL GREASE 7; SHELL CODE #70149	SHELL OIL COMPANY	9150-00-985-7244
	^TTP 02346 LOW TEMP GREASE EP	TEXACO INC	9150-00-985-7244

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MSDS	TRADE NAME	MANUFACTURER	NSN
BGBTQ	ROYCO 27 (PRE AUG.1965)	ROYAL LUBRICANTS COMPANY, INC.	9150-00-985-724F
BGBTR	ROYCO 27A1	ROYAL LUBRICANTS COMPANY, INC.	9150-00-985-724
BGBTS	SUPERMIL GREASE NO.A-72832	AMOCO OIL COMPANY	9150-00-985-7245
BGBTT	5114 EP GREASE	EXXON COMPANY, U.S.A.	9150-00-985-7245
BGBTV	AEROSHELL GREASE 7	SHELL OIL COMPANY	9150-00-985-724
BGBTW	AEROSHELL GREASE 7; SHELL CODE #70149	SHELL OIL COMPANY	9150-00-985-724
BGBTX	02346 LOW TEMP GREASE EP	TEXACO INC	9150-00-985-7245
BGBTY	ROYCO 27A	ROYAL LUBRICANTS COMPANY, INC.	9150-00-985-724
BGBTZ	SUPERMIL GREASE NO.A-72832	AMOCO OIL COMPANY	9150-00-985-724
BGBVB	5114 EP GREASE	EXXON COMPANY, U.S.A.	9150-00-985-7246
BGBVC	AEROSHELL GREASE 7	SHELL OIL COMPANY	9150-00-985-7244
BGBVD	02346 LOW TEMP GREASE EP	TEXACO INC	9150-00-985-724
BGBVF	SUPERMIL GREASE NO. 1371	AMOCO OIL CO/CHICAGO, IL 60601	9150-00-985-7248
BGBVG	ROYCO 27	ROYAL LUBRICANTS COMPANY, INC.	9150-00-985-7247
BGBVH	ROYCO 27A1	ROYAL LUBRICANTS COMPANY, INC.	9150-00-985-724
BGBVJ	5114 EP GREASE	EXXON COMPANY, U.S.A.	9150-00-985-724
BGBVK	AEROSHELL GREASE 7	SHELL OIL COMPANY	9150-00-985-7247
BGBVL	02346 LOW TEMP GREASE EP	TEXACO INC	9150-00-985-7247
BGBVM	OBSOLETE GREASE; PRODUCT CODE: SA 824 5292	WITCO, SOUTHWEST PETRO-CHEM DIV	9150-00-985-724
BGBVV	DRILUBE #2	DRILUBE COMPANY	9150-00-985-7255
BGBVM	LC-300, DRY FILM LUBRICANT	SANDSTROM PRODUCTS INC	9150-00-985-7255
BGBVX	(7516) DRY FILM LUBRICANT LC-300	SANDSTROM PRODUCTS INC	9150-00-985-725
BGBVY	MOLYDAG 254 RFU	ACHESON COLLOIDS COMPANY (MFR) ST CLAIR IND (DIST)	9150-00-985-725
BGBVZ	MOLYKOTE 106 BONDED COATING, MIL-L-8937	DOW CORNING	9150-00-985-7255
BGBWB	EVERLUBE 620C	E/M CORPORATION; SUB OF GREAT LAKES CHEMICAL CORP	9150-00-985-725
BGBWC	LUBE-LOK 5306 (DILUTE)	ELECTROFILM INC	9150-00-985-725
BGBWD	LUBE-LOK 5306 (CONCENTRATE)	ELECTROFILM INC	9150-00-985-7255
BGBWF	KAL-GARD "FA" PER MIL-L-8937D	KAL-GARD COATING & MFG CORP	9150-00-985-725F
BGBWN	7519021P1	AIR PRODUCTS AND CHEMICALS, INC.	6830-00-985-728
BGBWP	SULFUR HEXAFLUORIDE	AIR PRODUCTS & CHEMICALS	6830-00-985-7285
BGBWQ	BB-S-1419, SULFUR HEXAFLUORIDE, TECH GR	MATHESON GAS PRODUCTS	6830-00-985-7283
BGBXC	ROYCO 49	ROYAL LUBRICANTS COMPANY, INC.	9150-00-985-731
BGBXD	ROYCO 49	ROYAL LUBRICANTS COMPANY, INC.	9150-00-985-731
BGBXF	ROYCO 49 B	ROYAL LUBRICANTS COMPANY, INC.	9150-00-985-7316
BGBXG	SA 823 9222	SOUTHWEST PETRO-CHEM, INC	9150-00-985-731'
BGBXH	MOLYKOTE M-77 PASTE	DOW CORNING	9150-00-985-731
BGBXJ	CP-68 LUBRICANT	E/M CORPORATION; SUB OF GREAT LAKES CHEMICAL CORP	9150-00-985-7317
BGCBD	DRY LUBRICANT RELEASE AGENT, CODE: 211	SPRAYON PRODUCTS DIV; SHERWIN WILLIAM CO.	9150-00-989-2012
BGCBF	CAMIE #1000 DRY LUBRICANT	CAMIE-CAMPBELL, INC.	9150-00-989-201
BGCBG	CAMINE #1000 DRY LUBRICANT	CAMIE-CAMPBELL, INC.	9150-00-989-201
BGCBH	AMERICAN DURAFILM OIL-ES-OIL (SEE SUPP DATA)	SHIELD PACKAGING CO., INC.	9150-00-989-2012
BGCCZ	LAUNDRY DETERGENT	CONTINENTAL CHEMICAL CORP.	7930-00-990-739
BGCDB	LAUNDRY DETERGENT TYPE I	STANSON DETERGENTS, INC.	7930-00-990-739
BGCDC	DETERGENT, LAUNDRY		7930-00-990-7391
BGCDD	LO-SUDZ TYPE 1	BOUGHT ACCORDING TO SPEC	7930-00-990-739'
BGCNW	LEAK LOCK	HIGHSIDE CHEMICALS, INC.	8030-00-999-631
BGCNX	LEAK LOCK	SHORE CHEM CO	8030-00-999-6315
BGCPK	VERASATEC 4430-1	SYNFAX MANUFACTURING (FM:VERSATEC, INC)	6850-01-003-1087
BGCSP	3-HEPT	SCM SPECIALTY CHEMICALS	6850-01-005-485
BGCSQ	1175	SILAR LABS	6850-01-005-485
BGCYX	TYPE 361A-20R SOLDER	MEASUREMENTS GROUP	3439-01-008-7577
BGCYY	FLUX SOLDER ALLOYS	FEDERATED-FRY METALS	3439-01-008-757
BGCYZ	FLUX CORED SOLDER WIRE, SN 63, X-100, 3%	GARDINER SOLDER COMPANY	3439-01-008-757
BGCZB	TYPE 361A-20R SOLDER	MEASUREMENTS GROUP	3439-01-008-7578
BSDVM	195 6986, FILM CLEANER	EASTMAN KODAK CO.	6750-01-008-28F
BSDVX	FILM CLEANER	NATIONAL RESEARCH & CHEMICAL CO	6750-01-018-62E

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MSDS	TRADE NAME	MANUFACTURER	NSN
	BGDWK AMMONIUM HYDROXIDE	MALLINCKRODT INC.,SCIENCE PRODUCTS DIVISION	6810-01-018-9769
	BGFDJ 155 5655,FLEXCLR BLEACH(PROC C-41),PART A	EASTMAN KODAK CO.	6750-01-022-8410
	TK 155 5655,FLEXCLR BLEACH(PROC C-41),PART B	EASTMAN KODAK CO.	6750-01-022-8410
	BGFDL 155 5655 FLEXCLR BLEACH(PROCESS C-41), PT C	EASTMAN KODAK CO.	6750-01-022-8410
	BGFDM 106 5895 FLEXICOLOR BLEACH II,PART A	EASTMAN KODAK CO.	6750-01-022-8410
	BGFDM 190 1685,FLEXCLR BLEACH(PROC C-41), PART B	EASTMAN KODAK CO.	6750-01-022-8410
	BGFDP 106 5895,FLEXCLR BLEACH II, PT-A	EASTMAN KODAK CO.	6750-01-022-8410
	BGFDQ 106 5895 FLEXCOLOR BLEACH II, PT-B	EASTMAN KODAK CO.	6750-01-022-8410
	BGFKG ZE-3 ZYGLO EMULSIFIER (PRE 5/86)	MAGNAFLUX CORP.	6850-01-024-5772
	BGFKH EMULSIFIER FOR FLUORESCENT PENETRANTS	CHEMICAL COMMODITIES AGENCY	6850-01-024-5772
	BGGHY GL-5 GEAR OIL 75W	SULFLO,INC.	9150-01-035-5390
	BGGHZ QPL TEST#MG-356 MP GEAR LUBE LS 75 W.	PHIPPS PRODUCTS (MFG-UNION OIL OF CALIF)	9150-01-035-5390
	BGGJB GEAR LUBRICANT,GRADE 85W/140	STANSON DETERGENTS, INC.	9150-01-035-5390
	BGGJC GL-5 GEAR OIL 75W;MIL-L-2105C	BATTENFELD GREASE & OIL CORP. OF N.Y.	9150-01-035-5390
	BGGJD SB 836 9157 (SAE GRADE 75W)	SOUTHWEST PETRO-CHEM, INC	9150-01-035-5390
	BGGJF SUPER QUADROLUBE GEAR LUBRICANT, 75W	QUAKER STATE OIL REFINING CORP	9150-01-035-5390
	BGGJG HIGH PERFORMANCE GEAR LUBRICANT, 75W	QUAKER STATE OIL REFINING CORP	9150-01-035-5390
	BGGJD HDX ALL PURPOSE GEAR LUBE SAE 80W/90	WOLF'S HEAD OIL REFINING CORP.	9150-01-035-5392
	BGGJR MIL-L-2105C,LUBRICATING OIL,GEAR,GRD 80W-90	BATTENFELD-AMERICAN,INC	9150-01-035-5392
	BGGJS SWEPKO 201 GEAR LUBE,SAE 80W/90	SOUTHWEST PETROLEUM CORP	9150-01-035-5392
	BGGJT BRAYCO 689A LUBE OIL,GEAR,GR 80W/90	BURMAH-CASTROL INC-BRAY PRODUCTS DIV.	9150-01-035-5392
	BGGJV WS 1311 GEAR OIL 80W-90	EXXON COMPANY,U.S.A.	9150-01-035-5392
	BGGJW GEAR LUBRICANT (80W/90)	STANSON DETERGENTS, INC.	9150-01-035-5392
	BGGJX SPIRAX HEAVY DUTY 80W90	SHELL OIL COMPANY	9150-01-035-5392
	BGGJY MIL-L-2105C AM 2 GRADE 80W/90	SHELL OIL COMPANY	9150-01-035-5392
	BGGJZ MOBILUBE HD 80W-90, MIL-L-2105C	MOBIL OIL CORP.	9150-01-035-5392
	BGGKB GEAR OIL 80 W 90;MIL-L-2105D	IMPERIAL OIL CO., INC.	9150-01-035-5392
	BGGKC SUPERIOR ALL-PURPOSE GEAR OIL 80W/90	TOSCO CORP	9150-01-035-5392
	BGGKD MIL-L-2105C;GEAR OIL;CODE#10737-80/90	BATTENFELD GREASE & OIL CORP. OF N.Y.	9150-01-035-5392
	BGGKF MIL-L-2105,LUBRICATING OIL,GEAR,GRADE 80W90	BATTENFELD-AMERICAN INC	9150-01-035-5392
	BGGKG TL-10446,2316 MULTIGEAR LUBRICANT 80 W/90	TEXACO INC.	9150-01-035-5392
	BGGKH SB 836 9013(FORMERLY CODE 2260)	SOUTHWEST PETRO-CHEM, INC	9150-01-035-5392
	BGGKJ SB 836 9223 (FORMERLY 88166)	SOUTHWEST PETRO-CHEM, INC	9150-01-035-5392
	BGGKK SB 836 9213(FORMERLY,88166)	SOUTHWEST PETRO-CHEM, INC	9150-01-035-5392
	BGGKL SB 836 9213 (FORMERLY, 88176)	SOUTHWEST PETRO-CHEM, INC	9150-01-035-5392
	BGGKM SB 836 9103 (FORMERLY, 88156)	SOUTHWEST PETRO-CHEM, INC	9150-01-035-5392
	BGGKN SB 836 9164 (SAE GRADE 80W/90)	SOUTHWEST PETRO-CHEM, INC	9150-01-035-5392
	BGGKP SB 936 9184 (SAE 80W/90 GRADE	SOUTHWEST PETRO-CHEM, INC	9150-01-035-5392
	BGGKQ CITGO PREMIUM GEAR OIL 80W-90	CITIES SERVICE COMPANY	9150-01-035-5392
	BGGKR AMALIE MULTI-PURPOSE GEAR LUBRICANT,80W-90	KENDALL REFINING CO	9150-01-035-5392
	BGGKS SUPER QUADROLUBE GEAR LUBRICANT,80W/90	QUAKER STATE OIL REFINING CORP	9150-01-035-5392
	BGGKT HIGH PERFORMANCE GEAR LUBRICANT, 80W/90	QUAKER STATE OIL REFINING CORP	9150-01-035-5392
	BGGKV GEAR LUBE 80W90 (GL-5);AGL	AMSOIL INC.	9150-01-035-5393
	BGGKW HDX ALL PURPOSE GEAR LUBE SAE 80W/90	WOLF'S HEAD OIL REFINING CORP.	9150-01-035-5393
	BGGKX MIL-L-2105C,LUBRICATING OIL,GEAR,GRD 80W-90	BATTENFELD-AMERICAN,INC	9150-01-035-5393
	BGGKY GEAR OIL 80W/90	WITCO CHEMICAL CO; GOLDEN BEAR OIL CO DIV.	9150-01-035-5393
	BGGKZ MIL-L-2105C,LUBRICATING OIL,GEAR,GRD 80W-90	SULFLO,INC.	9150-01-035-5393
	BGGLB SWEPKO 201 GEAR LUBE,SAE 80W/90	SOUTHWEST PETROLEUM CORP	9150-01-035-5393
	BGGLC BRAYCO 689ALUBE OIL,GEAR,GR 80W/90	BURMAH-CASTROL INC-BRAY PRODUCTS DIV.	9150-01-035-5393
	BGGLD WS 1311 GEAR OIL 80W-90	EXXON COMPANY,U.S.A.	9150-01-035-5393
	BGGLF GEAR LUBRICANT (80W/90)	STANSON DETERGENTS, INC.	9150-01-035-5393
	BGGLG SPIRAX HEAVY DUTY 80W90	SHELL OIL COMPANY	9150-01-035-5393
	BGGLH IMPERIAL GL 80 W 90. MIL-L-2105C AM 1	IMPERIAL OIL CO., INC.	9150-01-035-5393
	TLJ SUPERIOR A1,1-PURPOSE GEAR OIL 80W/90	TOSCO CORP	9150-01-035-5393
	BGGLK MIL-L-2105C,LUBRICATING OIL,GEAR,GRD 80W-90	BATTENFELD-AMERICAN INC	9150-01-035-5393
	BGGLL TL-10446,2316 MULTIGEAR LUBRICANT 80W/90	TEXACO INC.	9150-01-035-5393

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MSDS	TRADE NAME	MANUFACTURER	PAGE	NSN
BGGLM	SB 836 9013(FORMERLY CODE 2260)	SOUTHWEST PETRO-CHEM, INC	9150-01-035-5392	
BGGLN	SB 336 9223(FORMERLY 88166)	SOUTHWEST PETRO-CHEM, INC	9150-01-035-5393	
BGGLP	SB 836 9213(FORMERLY,88146)	SOUTHWEST PETRO-CHEM, INC	9150-01-035-5393	
BGGLQ	SB 836 9213 (FORMERLY, 88176)	SOUTHWEST PETRO-CHEM, INC	9150-01-035-5392	
BGGLR	SB 836 9103 (FORMERLY, 88156)	SOUTHWEST PETRO-CHEM, INC	9150-01-035-5393	
BGGLS	SB 936 9243 (FORMERLY, 88216)	SOUTHWEST PETRO-CHEM, INC	9150-01-035-5393	
BGGLT	SB 836 9164 (SAE GRADE 80W/90)	SOUTHWEST PETRO-CHEM, INC	9150-01-035-5392	
BGGLV	SB 336 9184 (SAE 90W/90 GRADE)	SOUTHWEST PETRO-CHEM, INC	9150-01-035-5392	
BGGLW	CITGO PREMIUM GEAR OIL 80W-90	CITIES SERVICE COMPANY	9150-01-035-5393	
BGGLX	AMALIE MULTI-PURPOSE GEAR LUBRICANT,80W-90	KENDALL REFINING CO	9150-01-035-5393	
BGGLY	SUPER QUADROLUBE GEAR LUBRICANT, 80N/90	QUAKER STATE OIL REFINING CORP	9150-01-035-5393	
BGGLZ	HIGH PERFORMANCE GEAR LUBRICANT, 80W190	QUAKER STATE OIL REFINING CORP	9150-01-035-5393	
BGGMK	SCOTCHWELD 1469 EPOXY ADHESIVE	3M COMPANY	8040-01-038-1028	
BGGWL	A-1177-B-1	BF GOODRICH ADHESIVE SYSTEMS	8040-01-038-1028	
BGGWM	A-1177-B-2	BF GOODRICH ADHESIVE SYSTEMS	8040-01-038-1028	
BGHBT	742-618, TT-E-489F, COMP L, CLASS A, GRAY	AMERON-INDUSTRIAL COATINGS DIVISION	8010-01-040-3760	
BGHCS	AML-GARD, CORROSION PREVENTIVE COMPD, TY I	BULK CHEMICALS DISTRIBUTORS, INCORPORATED	8030-01-041-1596	
BGHFD	181 5034,COLR DEVL,PROC E-6,PT A(SEE SUPPL)	EASTMAN KODAK CO.	6750-01-042-0872	
BGHFF	181 5034,COLR DEVL,PROC E-6,PT B(SEE SUPPL)	EASTMAN KODAK CO.	6750-01-042-0872	
BGHFG	101 7599,FIRST DEVL,PROC E-6(SEE SUPPL DATA)	EASTMAN KODAK CO.	6750-01-042-0872	
BGHFH	156 6553,FIXER,PROC E-6(SEE SUPPL/ADDL DATA)	EASTMAN KODAK CO.	6750-01-042-0872	
BGHFJ	156 6553,CONDITIONR,PROC E-6(SEE SUPPL/ADDL)	EASTMAN KODAK CO.	6750-01-042-0872	
BGHFK	181 5034,STABLZR & REPL,PROC E-6(SEE SUPPL)	EASTMAN KODAK CO.	6750-01-042-0872	
BGHFL	156 6553,REVERSAL BATH,PROC E-6(SEE SUPPL)	EASTMAN KODAK CO.	6750-01-042-0872	
BGHFM	156 6553,BLEACH,PROC E-6,PART A(SEE SUPPL)	EASTMAN KODAK CO.	6750-01-042-0872	
BGHFN	156 6553,BLEACH,PROC E-6,PART B(SEE SUPPL)	EASTMAN KODAK CO.	6750-01-042-0872	
BGHFG	ALODINE 1203 THIXOTROPIC LIQ	AMCHEM PRODUCTS, INC.	8030-01-043-7644	
BGHJ	CINCH RUST PENETRANT	RUST-LICK, INC.	6850-01-043-7711	
BGHK	TRISOL CREEP	THE CASTOLEUM CORP.	6850-01-043-7711	
BGHMZ	HYDROGEN PEROXIDE 31%,ACS GRADE	POLY RESEARCH CORP	6810-01-044-4188	
BGHLR	CLEANING COMPOUND, 101, AIRCRAFT SURFACE	FOSTER CHEMICALS	6850-01-045-7929	
BGHLs	MIL-C-43616,CLEANING CMPD,AIRCRAFT SURFACE	OMEGA CHEMICAL COMPANY,INC.	6850-01-045-7929	
BGHLT	ED-366	ELDORADO CHEMICAL COMPANY, INC	6850-01-045-7929	
BGHLV	AERO CLENE F	CORAL CHEMICAL COMPANY	6850-01-045-7929	
BGHLW	FLOW AWAY 161 (MIL-C-43616,CLASS I)	MAGNAFLUX SURFACE CONDITIONERS INC.	6850-01-045-7929	
BGHLX	PPW-21	PAR.CHEM PRODUCTS INC.	6850-01-045-7929	
BGHLY	PPW-21	PAR.CHEM PRODUCTS INC.	6850-01-045-7929	
BGHLZ	TURCO 5975 A	TURCO PRODUCTS INC. SUBSIDIARY OF PENNWALT INC.	6850-01-045-7929	
BGHMB	CEE-BEE C-50 SAFETY SOLVENT	MCGEAN CHEMICAL COMPANY,INC.	6850-01-045-7929	
BGHMC	MIL-C-43616C,AM 2,CLASS I&IA CLEANING COMP	OCTAGON PROCESS INC.	6850-01-045-7929	
BGHMD	FORMULA 1477N	BRULIN & COMPANY, INC.	6850-01-045-7929	
BGHMF	FORMULA 1477N (ISSUED 4/82)	BRULIN & COMPANY, INC.	6850-01-045-7929	
BGHMG	FORMULA 715N	BRULIN & COMPANY, INC.	6850-01-045-7929	
BGHMH	ED-366	ELDORADO CHEMICAL COMPANY, INC	6850-01-045-7930	
BGHMJ	AERO CLENE F	CORAL CHEMICAL COMPANY	6850-01-045-7930	
BGHMK	FLW AWAY 161 (MIL-C-43616,CLASS I)	MAGNAFLUX SURFACE CONDITIONERS INC.	6850-01-045-7930	
BGHML	PPW-21	PAR.CHEM PRODUCTS INC.	6850-01-045-7930	
BGHMM	PPW-21	PAR.CHEM PRODUCTS INC.	6850-01-045-7930	
BGHMN	TURCO 5975A	TURCO PRODUCTS INC. SUBSIDIARY OF PENNWALT INC.	6850-01-045-7930	
BGHMP	CEE-BEE R-679	MCGEAN CHEMICAL COMPANY,INC.	6850-01-045-7930	
BGHMQ	MIL-C-43616C AM 2 CLASS I	OCTAGON PROCESS INC.	6850-01-045-7930	
BGHMR	FORMULA 1477N	BRULIN & COMPANY, INC.	6850-01-045-7930	
BGHMS	FORMULA 1477N (ISSUED 4/82)	BRULIN & COMPANY, INC.	6850-01-045-7930	
BGHMT	MIL-C-43616,CLNG.CMPD,AIRCRAFT SURFACE,CL I	OMEGA CHEMICAL COMPANY,INC.	6850-01-045-7931	
BGHMV	ED-366	ELDORADO CHEMICAL COMPANY, INC	6850-01-045-7931	
BGHMW	ED-394	ELDORADO CHEMICAL COMPANY, INC	6850-01-045-7931	

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MSDS	TRADE NAME	MANUFACTURER	NSN
	BGHMX ED-394,AIRCRAFT CLEANER	ELDORADO CHEMICAL COMPANY, INC	6850-01-045-7931
	BGHMY AERO CLENE F	CORAL CHEMICAL COMPANY	6850-01-045-7931
	BGHMZ FLOW AWAY 161 (MIL-C-43616,CLASS I)	MAGNAFLUX SURFACE CONDITIONERS INC.	6850-01-045-7931
	BGNB N/A	CREST INDUSTRIAL CHEMICALS, INC.	6850-01-045-7931
	BGNBC MIL-C-43616C AM 2,CLASS I&IA;CLEANING COMP	OCTAGON PROCESS INC.	6850-01-045-7931
	BGNBD FORMULA 1477N	BRULIN & COMPANY, INC.	6850-01-045-7931
	BGNBF FORMULA 1477N (ISSUED 4/82)	BRULIN & COMPANY, INC.	6850-01-045-7931
	BGNBG FORMULA 715N (CLEANING COMPOUND)	BRULIN & COMPANY, INC.	6850-01-045-7931
	BGNBS 186 2192,EKTPRNT 2 DEVL,PART B(POST 11/80)	EASTMAN KODAK CO.	6750-01-047-5477
	BGNBT 121 6423, 3KTAPRNT 2 DEVL,PART B(PRE 11/80)	EASTMAN KODAK CO.	6750-01-047-5477
	BGNBV 121 6423, EKTAPRNT 2 DEVL,PART C(PRE 11/80)	EASTMAN KODAK CO.	6750-01-047-5477
	BGNBW 121 6423,EKTAPRNT 2 DEVL, PART D(PRE 11/80)	EASTMAN KODAK CO.	6750-01-047-5477
	BGNBX 121 6423,EKTPRNT2 BLCH-FX/REPL,PT	EASTMAN KODAK CO.	6750-01-047-5477
	BGNBY 121 6423,EKTPRNT2 BLCH-FX/REPL,PT	EASTMAN KODAK CO.	6750-01-047-5477
	BGNBZ 186 2192,EKTPRNT 2 DEVELOPR,PT A(SEE SUPPL)	EASTMAN KODAK CO.	6750-01-047-5477
	BGNRB 186 2192,EKTPRNT 2 DEVELOPR,PT B(SEE SUPPL)	EASTMAN KODAK CO.	6750-01-047-5477
	BGNRC 186 2192,EKTPRNT 2 DEVELOPR,PT C(SEE SUPPL)	EASTMAN KODAK CO.	6750-01-047-5477
	BGNRD 186 2192,EKTPRNT 2 DEVELOPR,PT D(SEE SUPPL)	EASTMAN KODAK CO.	6750-01-047-5477
	BGNRF 186 5864,EKTPRNT 2 BLCH-FIX,PT A(SEE SUPPL)	EASTMAN KODAK CO.	6750-01-047-5477
	BGNRG 186 5864,EKTPRNT 2 BLCH-FIX,PT B(SEE SUPPL)	EASTMAN KODAK CO.	6750-01-047-5477
	BGNRH 186 5211,EKTAPRINT 2 STOP BATH (SEE SUPPL)	EASTMAN KODAK CO.	6750-01-047-5477
	BGHSR J-100C GEAR OIL, 85W-140 GRADE	WITCO CHEMICAL CO; GOLDEN BEAR OIL CO DIV.	9150-01-048-4591
	BGHSX SWEPCO 201 LUBE, 85W/140	SOUTHWEST PETROLEUM CORP	9150-01-048-4591
	BGHSY GEAR LUBRICANT,GRADE 85W/140	STANSON DETERGENTS, INC.	9150-01-048-4591
	BGHSZ SPIRAX HEAVY DUTY 85W/140	SHELL OIL COMPANY	9150-01-048-4591
	BGHS3 MOBILUBE HD 85W-140, MIL-L-2105C	MOBIL OIL CORP.	9150-01-048-4591
	BGHS4 MOBILUBE HD 85W-140	IMPERIAL OIL CO., INC.	9150-01-048-4591
	BGHS5 LION MULTI-GRADE GEAR LUBE OIL 85W/140	TOSCO CORP	9150-01-048-4591
	BGHS6 SZ SUPERIOR ALL-PURPOSE GEAR OIL 85W/140	TOSCO CORP	9150-01-048-4591
	BGHS7 MIL-L-2105,LUBRICATING OIL,GEAR,GRAD 85W140	BATTENFELD-AMERICAN INC	9150-01-048-4591
	BGHS8 TL-10447, 2317 MULTIGEAR LUBRICANT 85W/140	TEXACO INC.	9150-01-048-4591
	BGHS9 SB 836 9033 (FORMERLY, 88169)	SOUTHWEST PETRO-CHEM, INC	9150-01-048-4591
	BGHS0 SB 836 9245 (FORMERLY, 88179)	SOUTHWEST PETRO-CHEM, INC	9150-01-048-4591
	BGHS1 SB 836 9105 (FORMERLY,88159)	SOUTHWEST PETRO-CHEM, INC	9150-01-048-4591
	BGHS2 SB 836 9245 (FORMERLY, 88219)	SOUTHWEST PETRO-CHEM, INC	9150-01-048-4591
	BGHS3 SB 836 9175 (SAE GRADE 85W/140)	SOUTHWEST PETRO-CHEM, INC	9150-01-048-4591
	BGHS4 SB 836 9195, SAE 85W-140	SOUTHWEST PETRO-CHEM, INC	9150-01-048-4591
	BGHS5 CITGO PREMIUM GEAR OIL (MP), 85W-140	CITIES SERVICE COMPANY	9150-01-048-4591
	BGHS6 KENDALL NS-MP HYPOID GEAR LUBRI,ALL SAE GRA	KENDALL REFINING CO	9150-01-048-4591
	BGHS7 SUPER QUADROLUBE GEAR LUBRICANT, 85W/140	QUAKER STATE OIL REFINING CORP	9150-01-048-4591
	BGHS8 HIGH PERFORMANCE GEAR LUBRICANT, 85W/140	QUAKER STATE OIL REFINING CORP	9150-01-048-4591
	BGHS9 02GN-45 BASE,GREEN 34052,EPOXY-POLYAMID PR	DEFT INC CHEMICAL COATING DIV.	8010-01-050-4082
	BGHS0 02SNA45 EPOXY RESIN (PIGMENTED BASE-COMP A)	DEFT INC CHEMICAL COATING DIV.	8010-01-050-4082
	BGHS1 02GN45CA POLYAMIDE RESIN (CATALYST-COMP B)	DEFT INC CHEMICAL COATING DIV.	8010-01-050-4082
	BGHS2 PIGMENTED EPOXY RESINCOMPON A GRN LEADFREE	PRATT & LAMBERT	8010-01-050-4082
	BGHS3 POLYAMIDE RESIN COMPONENT B	PRATT & LAMBERT	8010-01-050-4082
	BGHS4 PIGMENTED EPOXY RESIN 724224	PRATT & LAMBERT	8010-01-050-4082
	BGHS5 POLYAMIDE RESIN 724112	PRATT & LAMBERT	8010-01-050-4082
	BGHS6 EPOXY POLYAMIDE PRIMER, PT-A	RANDOLPH PRODUCTS CO.	8010-01-050-4082
	BGHS7 EPOXY POLYAMIDE COREACTANT, PT-B	RANDOLPH PRODUCTS CO.	8010-01-050-4082
	BGHS8 192 7698,FLEXCOLOR DEVLPR,PT-A(OLD FORM)	EASTMAN KODAK CO.	6750-01-050-7789
	BGHS9 192 7698,FLEXCOLOR DEVLPR,PART-B	EASTMAN KODAK CO.	6750-01-050-7789
	BGHS0 192 7698,FLEXCOLOR DEVL,PT-C(OLD FORMULA)	EASTMAN KODAK CO.	6750-01-050-7789
	BGHS1 192 7698,FLEXCOLOR DEVLPR,PT-A(NEW FORM)	EASTMAN KODAK CO.	6750-01-050-7789
	BGHS2 192 7698,FLEXCOLOR DEVL,PT-C(NEW FORM)	EASTMAN KODAK CO.	6750-01-050-7789
	BGHS3 PT-426 #16440	PRODUCTS/TECHNIQUES, INC.	8010-01-053-2646

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MSDS	TRADE NAME	MANUFACTURER	PAGE NSN
B6JFD	PT-426 COMP B	PRODUCTS/TECHNIQUES, INC.	8010-01-053-26
B6JFF	POLYAMID, UO-032 COMP. II	CRAWFORD LABORATORIES, INC.	8010-01-057-2676
B6JFG	UO-082, POLYAMID, MIL-C-22750, PART B	CRAWFORD LABORATORIES, INC.	8010-01-057-646
B6JFK	M2-026 #13538 YELLOW EPOXY	CRAWFORD LABORATORIES, INC.	8010-01-053-26
B6JGJ	ROYCO 463	ROYAL LUBRICANTS COMPANY, INC.	9150-01-053-66
B6JGK	BREAK-FREE CLP, LIQUID	SAN/BAR CORP., BREAK-FREE DIV.	9150-01-053-6688
B6JGL	BREAK-FREE CLP, LIQUID	SAN/BAR CORP., BREAK-FREE DIV.	9150-01-053-6677
B6JGM	BREAK-FREE CLP, LIQUID	SAN/BAR CORP., BREAK-FREE DIV.	9150-01-053-661
B6JHW	ROYCO 463	ROYAL LUBRICANTS COMPANY, INC.	9150-01-054-6453
B6JHX	BREAK FREE, SB-5	SAN/BAR CORP., BREAK-FREE DIV.	9150-01-054-6453
B6JHY	BREAK-FREE CLP, LIQUID	SAN/BAR CORP., BREAK-FREE DIV.	9150-01-054-641
B6JHZ	BREAK-FREE CLP, LIQUID	SAN/BAR CORP., BREAK-FREE DIV.	9150-01-054-643
B6JJB	BREAK-FREE CLP, LIQUID	SAN/BAR CORP., BREAK-FREE DIV.	9150-01-054-6453
B6JNX	195 3348, FLEXCOLR DEVLPR, PART A (PRE 4/84)	EASTMAN KODAK CO.	6750-01-057-799
B6JNY	195 3348, FLEXCOLR DEVLPR, PART B (PRE 4/84)	EASTMAN KODAK CO.	6750-01-057-799
B6JNZ	195 3348, FLEXCOLR DEVLPR, PART C (PRE 4/84)	EASTMAN KODAK CO.	6750-01-057-7994
B6JPB	195 3348, FLEXCOLR BLEACH, PART A (PRE 4/84)	EASTMAN KODAK CO.	6750-01-057-7994
B6JPC	195 3348, FLEXCOLR BLEACH, PART B (PRE 4/84)	EASTMAN KODAK CO.	6750-01-057-799
B6JPD	195 3348, FLEXCOLR BLEACH, PART C (PRE 4/84)	EASTMAN KODAK CO.	6750-01-057-7994
B6JPF	195 3348, FLEXCOLR STABILIZER (PRE 4/84)	EASTMAN KODAK CO.	6750-01-057-7994
B6JPG	195 3348, FLEXCOLR FIXER (PRE 4/84)	EASTMAN KODAK CO.	6750-01-057-799
B6JPH	116 4037, HOBBY-PAC COLR NEG DEVLPR, PART 1A	EASTMAN KODAK CO.	6750-01-057-799
B6JPJ	116 4037, HOBBY-PAC COLR NEG DEVLPR, PART 1B	EASTMAN KODAK CO.	6750-01-057-7994
B6JPK	116 4037, HOBBY-PAC COLR NEG DEVLPR, PART 1C	EASTMAN KODAK CO.	6750-01-057-799
B6JPL	116 4037, HOBBY-PAC COLR NEG BLEACH, PART 2A	EASTMAN KODAK CO.	6750-01-057-799
B6JPM	116 4037, HOBBY-PAC COLR NEG BLEACH, PART 2B	EASTMAN KODAK CO.	6750-01-057-7994
B6JPN	116 4037, HOBBY-PAC COLR NEG BLEACH, PART 2C	EASTMAN KODAK CO.	6750-01-057-7994
B6JPP	116 4037, HOBBY-PAC COLOR NEGATIVE STABILIZER	EASTMAN KODAK CO.	6750-01-057-799
B6JPG	116 4037, HOBBY-PAC COLOR NEGATIVE FIXER	EASTMAN KODAK CO.	6750-01-057-799
B6KCB	126 8184, KODALITH LIQUID DEVELOPER, PART A	EASTMAN KODAK CO.	6750-01-066-4189
B6KDB	INSECTICIDE, GOVERNMENT ISSUE	AIROSOL CO, INC	6840-01-067-667
B6KDR	INSECTICIDE, D-PHENOTHRAIN 2%	BULK CHEMICALS DISTRIBUTORS, INCORPORATED	6840-01-067-667
B6KDS	INSECTICIDE AEROSOL D-PHENOTHRAIN 2%	ACCRA PAC INC.	6840-01-067-6674
B6KGY	PH 9 STANDARD BUFFER	SHAPE PRODUCTS	6810-01-069-1830
B6KGZ	DOD-R-23679, REAGNT, STD, H*20 TEST CHEM. CL J	CHEMICAL COMMODITIES AGENCY	6810-01-069-183
B6KHB	PH 9 BUFFER	POLY RESEARCH CORP	6810-01-069-1830
B6KHC	BUFFER 9	CITY CHEMICAL CORPORATION	6810-01-069-1830
B6KHD	ALODINE 1202 THIXOTROPIC POWDER	AMCHEM PRODUCTS, INC.	8030-01-069-303
B6KKR	XP-190	DIXON TICONDEROGA COMPANY	9150-01-071-074
B6KLN	291 HARDNESS BUFFER	BETZ LABORATORIES, INC.	6810-01-072-1977
B6KLP	HARDNESS BUFFER (MIL-B-24617)	POLYSCIENCES, INC.	6810-01-072-1977
B6KLB	R-513 HARDNESS TITRATING SOLUTION	ORBECO ANALYTICAL SYSTEMS, INC	6810-01-072-1971
B6KLR	292 HARDNESS TITRATING SOLUTION	BETZ LABORATORIES, INC.	6810-01-072-1978
B6KLS	HARDNESS TITRATING SOLUTION	HF SCIENTIFIC, INC	6810-01-072-1978
B6KLT	HARDNESS TITRATING SOLUTION 1.0	CALGON CORPORATION	6810-01-072-1971
B6KLV	HARDNESS INDICATING POWDER	SPECIALTY PRODUCTS GROUP	6810-01-072-1979
B6KLW	HARDNESS INDICATOR, CODE 290	BETZ LABORATORIES, INC.	6810-01-072-1979
B6KLX	R-0620 HARDNESS INDICATOR POWDER	TAYLOR CHEMICALS, INC.	6810-01-072-1979
B6KTH	ROYCO 463	ROYAL LUBRICANTS COMPANY, INC.	9150-01-079-6124
B6KTJ	BREAK-FREE CLP, LIQUID	SAN/BAR CORP., BREAK-FREE DIV.	9150-01-079-6124
B6KTK	BREAK-FREE CLP, LIQUID	SAN/BAR CORP., BREAK-FREE DIV.	9150-01-079-6124
B6KTL	PCL (LIQUID)	SAN/BAR CORP., BREAK-FREE DIV.	9150-01-079-6124
B6KVL	HOUIGHTO-SAFE 273	E.F. HOUGHTON & COMPANY	9150-01-080-5961
B6KVM	HOUIGHTO-SAFE 273	E.F. HOUGHTON & COMPANY	9150-01-080-5961
B6KVN	HOUIGHTO-SAFE 273	E.F. HOUGHTON & COMPANY	9150-01-080-5961
B6KVP	HOUIGHTO-SAFE 273	E.F. HOUGHTON & COMPANY	9150-01-080-5961

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SDS	TRADE NAME	MANUFACTURER	NSN
	BGKWC 6351 VERSILUBE	GENERAL ELECTRIC CO., SILICONE PRODUCTS DIVISION	9150-01-080-9652
	BGKWD KSL 89 MEDIUM GREASE, CS 2611-04	PENNWALT CORPORATION	9150-01-080-9652
	BGKWT MOLYKOTE 44 GREASE (MIL-L-15719A)	DOW CORNING	9150-01-080-9652
	BGKXC 0-C-265	SHAPE PRODUCTS	6810-01-082-5414
	BGKXV AC-3608	ANACHEMIA CHEMICALS INC	6810-01-082-5414
	BGKXW DIMETHYLGLYOXIME	MALLINCKRODT INC., SCIENCE PRODUCTS DIVISION	6810-01-082-5414
	BGKXX DIMETHYLGLYOXIME, ACS	J.T.BAKER CO. (CHEM COMMODITIES-DIST)	6810-01-082-5414
	BGKXY SODIUM PHOSPHATE, TRIBASIC DODECAHYDRATE	FISHER SCIENTIFIC CO	6810-01-082-5415
	BGKXZ SODIUM PHOSPHATE, TRIBASIC SX0730	MCS REAGENTS, DIVISION OF E M SCIENCE	6810-01-082-5415
	BGKYB SODIUM PHOSPHATE, TRIBASIC, 12-HYDRATE	EASTMAN KODAK CO.	6810-01-082-5415
	BGKYC SODIUM PHOSPHATE, TRIBASIC, DODECAHYDRATE	J.T.BAKER CO. (CHEM COMMODITIES-DIST)	6810-01-082-5415
	BGKYD SODIUM PHOSPHATE, TRIBASIC DODECAHYDRATE, TEC	UNIVAR CORP VAN WATERS AND ROGERS INC.	6810-01-082-5415
	BGLCF COOL-STRETCH	NATIONAL CHEMSEARCH, DIV OF NCH CORP.	6850-01-085-4719
	BGLCS L-3810 WATER TREATMENT	MALTER INTERNATIONAL CORPORATION	6850-01-085-4719
	BGLCH COOL ADE	HOCKING INTERNATIONAL CHEMICAL CORP	6850-01-085-4719
	BGLCJ AQ-701	BULL & ROBERTS, INC	6850-01-085-4719
	BGLCK AQ-701	BULL & ROBERTS, INC	6850-01-085-4719
	BGLCL NALCOOL 2000 COOLING TREATMENT	NALCO CHEMICAL COMPANY	6850-01-085-4719
	BGLMM ROYCO 463	ROYAL LUBRICANTS COMPANY, INC.	9150-01-102-1473
	BGLWN BREAK-FREE LIQUID-CLP	SAN/BAR CORPORATION	9150-01-102-1473
	BGLWP BREAK-FREE LIQUID-CLP	SAN/BAR CORP., BREAK-FREE DIV.	9150-01-102-1473
	BGLWQ BREAK-FREE CLP, LIQUID	SAN/BAR CORP., BREAK-FREE DIV.	9150-01-102-1473
	BGLWR BREAK-FREE CLP, LIQUID	SAN/BAR CORP., BREAK-FREE DIV.	9150-01-102-1473
	BGLZB ROYCO 36	ROYAL LUBRICANTS COMPANY, INC.	9150-01-104-5227
	BGMFV TETRASODIUM ETHYLENEDIAMINETETRAACETATE	TIMMONS & CHARLES, INC	6810-01-109-3911
	BGMFW VERSENE 220 CRYSTALS CHELATING	DOW CHEMICAL	6810-01-109-3911
	BGMFX MIL-T-24494A; TETRASODIUM EDTA	OCTAGON PROCESS INC.	6810-01-109-3911
	BGMJN MIL-H-19457C/SH TRIARYL PHOSPHATE	DAVIS-HOWLAND OIL CORP	9150-01-113-2045
	B GM FYRQUEL 220-MLT	STAUFFER CHEMICAL COMPANY	9150-01-113-2045
	BGMJD DURAD MP 280B TRIARYL PHOSPHATE	FMC CORPORATION	9150-01-113-2045
	BGMJR MIL-H-19457C/SH TRIARYL PHOSPHATE	DAVIS-HOWLAND OIL CORP	9150-01-113-2046
	BGMJS HOUGHTO-SAFE 1121	E.F. HOUGHTON & COMPANY	9150-01-113-2046
	BGMJT MIL-H-19457C HYDRAULIC SYSTEM FLUID	MONSANTO COMPANY	9150-01-113-2046
	BGMJV FYRQUEL 220 MLT "HFR-1"	STAUFFER CHEMICAL COMPANY	9150-01-113-2046
	BGMJW DURAD MP 280B TRIARYL PHOSPHATE	FMC CORPORATION	9150-01-113-2046
	BGMJX FYRQUEL 220-MLT	STAUFFER CHEMICAL COMPANY	9150-01-113-2047
	BGMJY DURAD MP 280B TRIARYL PHOSPHATE	FMC CORPORATION	9150-01-113-2047
	BGMMS MOBILGREASE 28	MOBIL OIL CORPORATION	9150-01-117-2928
	BGMMT ROYCO 28	ROYAL LUBRICANTS COMPANY, INC.	9150-01-117-2928
	BGMMV ROYCO 48	ROYAL LUBRICANTS COMPANY, INC.	9150-01-117-2928
	BGMMW ROYCO 28	ROYAL LUBRICANTS COMPANY, INC.	9150-01-117-2928
	BGMNB IBM#9 OIL, #450676	IBM CORP	9150-01-117-4484
	BGMNH EPOXY COATING, GRAY 36495 COMP I U8-018	CRAWFORD LABORATORIES, INC.	8010-01-117-7685
	BGMNJ EPOXY COATING, COMP II MD-062	CRAWFORD LABORATORIES, INC.	8010-01-117-7685
	BGMNK EPOXY, COATING, GRAY 36495 COMP I U8-018	CRAWFORD LABORATORIES, INC.	8010-01-117-7686
	BGMNL EPOXY COATING, COMP II MD-062	CRAWFORD LABORATORIES, INC.	8010-01-117-7686
	BGMNM EPOXY COATING, GRAY 36320 COMP I U8-012	CRAWFORD LABORATORIES, INC.	8010-01-117-7687
	BGMNN EPOXY COATING, COMP II MD-062	CRAWFORD LABORATORIES, INC.	8010-01-117-7687
	BGMXY 3M CLEANER CONDITIONER (77-9800-7222-5)	3M COMPANY	6850-01-123-8892
	BGNDT STANDARD CHLORIDE SOLUTION	POLYSCIENCES, INC.	6810-01-129-3762
	BGNDV STANDARD CHLORIDE SOLUTION	HF SCIENTIFIC, INC	6810-01-129-3762
	BGNDW SODIUM CHLORIDE SOLUTION	CHEMICAL COMMODITIES AGENCY	6810-01-129-3762
	BGNFV BRACO MICRONIC 883	BURMAH-CASTROL INC-BRAY PRODUCTS DIV.	9150-01-131-3324
	BGNFW MIL-H-46170B; TYPE II HYD FLUID; CODE # A1760	LUBRICATING SPECIALTIES COMPANY	9150-01-131-3324
	BGNFX 186 5310, EKTAPRINT 2 DEVLPR REPL RT, PART A	EASTMAN KODAK CO.	6750-01-134-5337
	BGNJF 186 5310, EKTAPRINT 2 DEVLPR REPL RT, PART B	EASTMAN KODAK CO.	6750-01-134-5337

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BGNJQ	186 5310, EKTAPRINT 2 DEVLPR REPL RT, PART C	EASTMAN KODAK CO.	6750-01-134-5377
BGNJR	186 5310, EKTAPRINT 2 DEVLPP REPL RT, PART D	EASTMAN KODAK CO.	6750-01-134-53
BGNKZ	186 5377, EKTAPRINT 2 BLCH-FIX & REPL RT, PT A	EASTMAN KODAK CO.	6750-01-134-9801
BGNLB	186 5377, EKTAPRINT 2 BLCH-FIX & REPL RT, PT B	EASTMAN KODAK CO.	6750-01-134-301
BGNXB	TYPE 361A-20R SOLDER	MEASUREMENTS GROUP	3439-01-146-69
BGPPN	21063 AMINO ACID REAGENT	HACH CO.	6810-01-169-17
BGPPP	21063 AMINO ACID REAGENT	HACH CO.	6810-01-169-1770
BGPQQ	21062-69 CITRIC ACID	HACH CO.	6810-01-169-65
BGPPH	M-237 SCALE CONTROL ADDITIVE #410-0237-000	MECHANICAL EQUIPMENT CO.	6850-01-174-83
BGQBX	AMMONIUM MOLYBDATE REAGENT FOR SI#1933-37	HACH CO.	6810-01-186-0391
BGQVY	EMULSION 634	OCEAN CHEMICALS, INC.	8010-01-220-5971
BGRDC	LUBRICATING OIL NSN 9150-01-237-7467	DARMEX CORPORATION	9150-01-237-74
BGRDD	LUBRIPLATE FMO-AW SERIES LUBE OILS	FISKE BROTHERS REFINING CO.	9150-01-237-7467
BGRDJ	DARMEX NTO 90-NTO 140	DARMEX CORPORATION	9150-01-237-7980
BGRDK	LUBRIPLATE FMO-AW SERIES	FISKE BROTHERS REFINING CO.	9150-01-237-791
BGSJV	PERMANENT ANTIFREEZE (ETHYLENE GLYCOL INH)	HI-PORT SERVICES, DIVISION OF HI-PORT INDUSTRIES	6810-00-006-42
BESKF	ACETONE	CSD, INC.	6810-00-184-4796
BESKP	MIL-C-19853C; TYPE 1, CLASS 2; CARBON REM COMP	OMEGA CHEMICAL CORP	6850-00-543-7801
BGSNB	FP-99A PENETRANT (SEE SUPPL DATA)	MET-L-CHEK COMPANY	6850-00-782-27
BGSFB	1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE	MALLINCKRODT INC., SCIENCE PRODUCTS DIVISION	6850-00-033-8851
BGSFC	222 ADHESIVE SEALANT	LOCTITE CORP.	8030-00-081-2327
BGSFL	TRICHLOR, TRICHLOROETHYLENE	OCTAGON PROCESS INC.	6810-00-184-471
BGSFB	PHENOLPHTHALEIN	FISHER SCIENTIFIC CO	6810-00-223-76
BGSFR	NAPHTHA, ALIPHATIC	CSD, INC.	6810-00-238-8119
BGSDF	MIL-C-19853C, TY 1, CLASS 2; CARBON REMOV COMP	OMEGA CHEMICAL CORP	6850-00-550-745
BGSQH	XYLENE	MALLINCKRODT INC., SCIENCE PRODUCTS DIVISION	6810-00-584-40
BGSOL	FP-98A PENETRANT (SEE SUPPL DATA)	MET-L-CHEK COMPANY	6850-00-782-2740
BGSOM	VP-30 PENETRANT (SEE SUPPL DATA)	MET-L-CHEK COMPANY	6850-00-824-0981
BGSOR	R-501 REMOVER (SEE SUPPL DATA)	MET-L-CHEK COMPANY	6850-00-824-0981
BGSOP	D-701 DEVELOPER (SEE SUPPL DATA)	MET-L-CHEK COMPANY	6850-00-824-0981
BGSQQ	D-703 DEVELOPER (SEE SUPPL DATA)	MET-L-CHEK COMPANY	6850-00-824-0981
BGSQS	ISOPROPYL ALCOHOL	MALLINCKRODT INC., SCIENCE PRODUCTS DIVISION	6810-00-855-616
BGSRZ	NITRIC ACID SOLUTION (7 WT%)	POLY RESEARCH CORP	6810-00-148-715
BGSTH	NITRIC ACID, 1.0 N. (OR 6.3 WT%)	HF SCIENTIFIC, INC	6810-00-270-9978
BGSTK	CP-65; LUBRICATING OIL	E/M CORPORATION; SUB OF GREAT LAKES CHEMICAL CORP	9150-00-390-5690
BGSTW	SODIUM PHOSPHATE TRIBASIC	MALLINCKRODT INC., SCIENCE PRODUCTS DIVISION	6810-01-082-541
BGSVZ	MIL-L-6065B, LUBRICATING OIL, INSTRUMENT ACRF	AMERICAN WRITING INK CO., INC.	9150-00-223-4127
BGSWB	MIL-L-7870 (LUBRICATING OIL GENERAL PURPOSE)	AMERICAN WRITING INK CO., INC.	9150-00-263-3490
BGSXH	ISOPROPYL ALCOHOL	UNIVAR CORP VAN WATERS AND ROGERS INC.	9150-00-424-322
BGSXK	ISOPROPYL ALCOHOL	CSD, INC	6810-00-855-616
BGSZQ	FP-95A PENETRANT (SEE SUPPL DATA)	MET-L-CHEK COMPANY	6850-00-782-2740
BGSZR	VP-31A PENETRANT (SEE SUPPL DATA)	MET-L-CHEK COMPANY	6850-00-824-0981
BGTGL	FLAW-FINDER AG-RH CLEANER	AMERICAN GAS & CHEM CO. LTD	6850-00-142-884
BGTGN	ETHYL ACETATE 85%	CSD, INC	6810-00-245-6694
BGTGT	CARBON DIOXIDE	SCOTT SPECIALTY GASES	6830-00-292-0147
BGTKD	HUMISORB	AMERICAN COLLOID COMPANY	6850-00-264-656
BGTKF	HUMISORB	AMERICAN COLLOID COMPANY	6850-00-264-657
BGTKG	HUMISORB	AMERICAN COLLOID COMPANY	6850-00-264-6573

Note: (C) next to a Trade Name indicates that this is a Common Name not a Trade Name.

**APPENDIX B**

**CULTURAL RESOURCE DOCUMENTS RELATED  
TO NAS MOFFETT FIELD**

## Appendix B

### Cultural Resource Documents Related to NAS Moffett Field

<u>No. Assigned</u>	<u>Author/Date/Title</u>
S-4175	Edwards, R., n.d. Archaeological Evaluation of the Kaiser Truck Parking Facility Mountain View, California.
S-4396	Cartier, R. 1977 Archaeological Evaluation of Subsurface Test Samples for the Second-Phase of Project #76-54 Water Mains Project, City of Mountain View
S-4492	Holman, Miley P., 1978 Letter to Mr. Tito Patri, The Planning Collaborative, San Francisco. Regarding Stevens Creek Between the Bay and Homestead Boulevard in Mountain View, California. Dated March 3, 1978.
S-5318	Chavez, David, 1980b Archaeological Investigation of the Proposed Construction Site for Lockheed Building 157, Sunnyvale, California. May 2, 1980.
S-8345	Melandry, Mara and Cindy Desgrandchamp, 1980 Archaeological Survey Report 04-SC11-101, Portions of P.M. 38.3/52.5, Improvements to Route 101 Between Route 17 in San Jose and Embarcadero Road in Palo Alto, Santa Clara County, 04393-389131, 04393-39171.
S-8370	Chavez, David, 1980a Letter Report to Mr. Tom Crews, EIP Corporation, San Francisco, California. Regarding Cultural Resources Evaluations for the Proposed U.S. Navy Housing Location at NAS Moffett Field, Santa Clara County, California. Dated July 21, 1980.
S-8371	Chavez, David, 1981c Cultural Resources Evaluations for the Proposed U.S. Navy Housing Locations at Moffett field, Santa Clara County, California. March 1981.
S-8447	Chavez, David, 1981d Cultural Resources Review for the Ames Research Center Environmental Resources Document, Santa Clara County, California.
S-9440	Kelly, Marcia K., 1987b Archaeological Survey Report for the Proposed Improvements to the Routes 85, 101, 237 Triangle and Route 85 From Stevens Creek Blvd. to Route 101 in Santa Clara County.
S-10200	Chavez, David, Sally B. Woodbridge and Jan M. Hupman, 1988 Cultural Resources Evaluation for the Fremont-South Bay Corridor Study: Alternatives Analysis, Alameda and Santa Clara Counties, California.
S-10525	Hylkema, Mark, 1988 Addendum #1 Archaeological Survey Report for the Proposed Improvements to the Routes 85, 101, and 237 Triangle, Santa Clara County.
S-10771	Salzman, Sally S. and David Chavez, 1984 Cultural Resources Evaluation for Building 107 Construction Site, Lockheed Missiles and space Company, Inc., Sunnyvale, California.

## Appendix B (Continued)

<u>No. Assigned</u>	<u>Author/Title/Date</u>
S-11047	Kelly, Marcia K., 1987a Preliminary Report For Phase I Extended Archaeological Survey at Route 101/237 Interchange and Request for Determination of Eligibility for Archaeological Site CA-SCI-12 for the Proposed Improvements to the Routes 85,101,237 Triangle and Route 85 From Stevens Creek Blvd. to Route 101 in Santa Clara County.
S-11944	Chavez, David and John Holson, 1985 Subsurface Archaeological Investigations for Building 107 Construction Site, Lockheed Missiles and Space Company, Inc., Sunnyvale, California.
S-11950	William Self Associates, 1990 Cultural Resources Survey Report for Proposed Commissary Building, Naval Air Station, Moffett Field, Santa Clara County, CA.
S-12294	Baker, Suzanne and Laurence H. Shoup, 1990 Archaeological Survey Report, Tasman Corridor Project, Santa Clara County, California.
S-12468	Baker, Suzanne and Laurence H. Shoup, 1991 Final Report. Archaeological Survey Report, Tasman Corridor Project, Santa Clara County, California.
S-12528	Garaventa, Donna M. and Rebecca L. Anastasio with Stuart A. Guedon, Sondra Jarvis, Lisa A. Pujol and Steven J. Rossa, 1990 Cultural Resources Assessment for 1990 General Plan Update, City of Mountain View, Santa Clara County, California.
NO NUMBERS ASSIGNED (not on file at NWIC)	
No #	Nelson, Nels C., 1909 Shellmounds of the San Francisco Bay Region, University of California Publications in American Archaeology and Ethnology 7(4).
No #	Loud, LL 1912a Notes on Castro Mound #356[CA-SCI-1]. MS #361, University of California Archaeological Survey files (as cited in Reports of the University of California Archaeological Survey 75:74; formerly known as California Archeological MS No. 17). On file, S-8388, California Archaeological Site Inventory, Rohnert Park.
No #	Chavez, David, 1981a Letter Report to Mr. Tom Crews, EIP Corporation, San Francisco, California. Regarding Cultural Resources Evaluations for the Proposed U.S. Navy Housing Location at Moffett Field, Santa Clara County, California. Dated February 13, 1981.
No #	Chavez, David, 1981b Cultural Resources Evaluations for the Proposed U.S. Navy Housing Location at Moffett Field, Santa Clara County, California. Proposal for Subsurface Archaeological Testing: Phase I, Auger Boring Program. Dated February 18, 1981.

## Appendix B (Continued)

<u>No. Assigned</u>	<u>Author/Title/Date</u>
No #	Chavez, David, 1981e Cultural Resources Evaluation for the Moffett Field Storm Drainage Environmental Assessment, Santa Clara County, California. (Report not reviewed, not on file at NWIC or NAS Moffett.)
No #	Fitzgerald, R. 1986 Negative Archaeological Survey Report, 04-SCL-101. P.M. 43.9/52/5. MS on file, CALTRANS District 4 Branch, San Francisco (as cited in Kelly 1987b/S-9440). (possibly adjacent, report not reviewed).
No #	Fitzgerald, R. 1987 Negative Archaeological Survey Report, 04-SCL-85. P.M. 19.4/22.4. MS on file, CALTRANS District 4 Branch, San Francisco (as cited in Kelly 1987b/S-9440). (possibly adjacent, report not reviewed).
No #	Archaeological Resource Service, 1987 Letter Report to Mr. Stephen Noack, Land Use, c/o Creegan-D'Angelo, Pleasanton. Regarding Archaeological and Historical Evaluation of NAS Moffett Field, Santa Clara County, California.
No #	Garaventa, Donna M., Colin I. Busby, Sondra A. Jarvis and David G. Brittin, 1991 Cultural Resources Assessment for the Santa Clara County Transportation Plan - T2010 EIR.
No #	Baker, Suzanne, 1991 Addendum to Archaeological Survey Report Tasman Corridor Project, Santa Clara County, California. Archaeological Testing at CA-SCI-20 and CA-SCI-38. Submitted to Santa Clara Transportation Agency, San Jose. Copy on file, Basin Research Associates, San Leandro.

S-reports are on file with the Northwest Information Center (NWIC) at Sonoma State University, Rohnert Park (California Archaeological Site Inventory, Rohnert Park).