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Ser 114780/ALAMEDA/NAS  
22 JUN 1988

Mr. H. Brinkley  
Director of Enforcement  
Bay Area Air Quality Management District  
309 Ellis Street  
San Francisco, CA 94109

Dear Mr. Brinkley:

The Inactive Site Questionnaires on the West Beach Landfill and the 1943-1955 Disposal Area at the Naval Air Station (NAS), Alameda have been completed and are forwarded as enclosures (1) and (2) respectively. This is in compliance with Section 41305.5(b) of the Health and Safety Code and as requested by your March 29, 1988 letter.

Should you have any questions regarding this matter, the point of contact is Commander, Western Division, Naval Facilities Engineering Command (Attn: Ms. Bella Dizon, 114780, 415/877-7494).

Sincerely,

DANA N. SAKAMOTO  
Head, Environmental Control Section

Encl:

- (1) Inactive Site Questionnaire on the West Beach Landfill at NAS Alameda
- (2) Inactive Site Questionnaire on the 1943-1955 Disposal Area at NAS Alameda

Copy to: (w/o encl)

U.S. Environmental Protection Agency (Attn: Nick Morgan)  
Department of Health Services, Emeryville Office (Attn: Don Cox)  
California Regional Water Quality Control Board (Attn: Lester Feldman)

Blind copy to: (w/o encl)

NAS Alameda (Attn: Randy Gate)

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Writer: Bella Dizon, 114780, x7494  
Typist: A. Araujo, 380510, Ser. 28935  
File: ALAMEDA/NAS

**SCREENING QUESTIONNAIRE FOR INACTIVE SOLID WASTE DISPOSAL SITES  
Health and Safety Code Section 41805.5**

**SITE OWNERSHIP**

**Site name** WEST BEACH LANDFILL  
**Site location** NAVAL AIR STATION, ALAMEDA (NAS)  
**Site address** NAVAL AIR STATION ALAMEDA, CALIFORNIA 94501-5201

~~**Nearest Cross Streets**~~ SOUTHWESTERN CORNER OF THE STATION

**Current site owner** U.S. NAVY

**Street address** SAME AS SITE ADDRESS

**Mailing address** NAVAL AIR STATION ALAMEDA, CA 94501-5201

**Contact Person** RANDY CATE      **Telephone Number** (415) 869-4731

**Previous site owners** U.S. ARMY (1930 - 1936)

**Provide the name and mailing address of all the previous site owners with the most recent owner first. (Attach additional pages if necessary.)**

<b>Owner</b> U.S. NAVY	<b>Owner</b>
<b>Mailing Address</b> NAVAL AIR STATION ALAMEDA, CA 94501-5201	<b>Mailing Address</b>
<b>Dates</b> 1936 TO PRESENT	<b>Dates</b>
<b>Owner</b>	<b>Owner</b>
<b>Mailing Address</b>	<b>Mailing Address</b>
<b>Dates</b>	<b>Dates</b>

Company performing site maintenance NO MAINTENANCE PERFORMED

Mailing address N/A

Contact person N/A

Telephone number N/A

**SITE HISTORY**

Date site started receiving waste: 1952 Date Site stopped receiving waste: 1978

Percent of site filled by:

January 1, 1960 UNKNOWN January 1, 1970 60%

January 1, 1980 65% January 1, 1984 65%

Was the waste received by this site ever burned on a routine basis? YES NO

If yes, provide the following:

Date site started burning on a routine basis: UNKNOWN

Date site stopped burning on a routine basis: UNKNOWN

Has landfill gas migration ever been detected off site? YES NO

If yes, describe the event(s) in detail including date(s). (Attach additional pages if necessary.)

N/A

Have landfill gas odors ever been detected off site? YES **NO**

If yes, describe the event(s) in detail including date(s). (Attach additional sheets if necessary.)

N/A

Has any landfill gas, ambient air, or gas migration testing ever been conducted at the site? YES **NO**

If yes, summarize the testing and the results including date(s). (Attach additional sheets if necessary.)

N/A

Has this site ever been subject to any enforcement action by any Federal, state, or local agency as a result of underground gas migration or gaseous emissions to the atmosphere?

YES **NO**

If yes, summarize the enforcement action(s) and reason(s) including date(s). (Attach additional sheets if necessary.)

N/A

**SITE DESCRIPTION**

Type of fill (Circle appropriate line)

Canyon

Pit

Area (Trench)

Other-Describe      LANDFILL

Provide estimate for:

Total Site Acreage      110 ACRES

Waste Disposal Area Acreage      100 ACRES

Volume of Waste (cubic yards)      UNKNOWN

Quantity of Waste (tons)       $1.6 \times 10^6$  (GARBAGE)

Minimum Depth of Waste (feet)      UNKNOWN

Maximum Depth of Waste (feet)      30,000 - 500,000 HAZARDOUS WASTE

Average Depth of Waste (feet)      UNKNOWN

Average Thickness Of Existing Top Cover (feet)      NONE

Does This Site Have A Liner?      YES **(NO)**

If Yes, Describe:      N/A

Type of Cover Material      NONE

Provide a map to scale showing the boundaries of the total site and the waste disposal area.      SEE FIGURE 1

Identify all existing land uses on this site. (Circle appropriate item(s)).      NONE

Single family residential

Hotel

Multi family residential

Park

Commercial

Undeveloped

Industrial

Other (specify)

Hospital

School

For any undeveloped areas of this site, what land uses are currently proposed? (Circle appropriate item(s).) **NONE**

- Single family residential
- Multi family residential
- Commercial
- Industrial
- Hospital
- School
- Hotel
- Park
- Other (specify) **WETLANDS**

**WASTE DESCRIPTION**

Estimate of Solid Waste Received (Total of entries for residential, commercial, industrial, demolition, and other should add up to 100%.)

- % Residential
- % Commercial
- % Industrial
- % Demolition
- % Other **100**

Describe material under "other" and give its percentage.

Material	Percentage	WEIGHT
MUNICIPAL GARBAGE		1.6 x 10 <sup>6</sup> TONS
HAZARDOUS WASTES (PCBS, SOLVENTS, PLASTIC WASTES, METALS, PESTICIDES, INERT ORDNANCE, LOW LEVEL RADIOLOGICAL WASTE, INFECTIOUS WASTE AND ACIDS)		30,000 TO 500,000 TONS

FROM THE  
INITIAL ASSESSMENT  
STUDY OF NAVAL  
AIR STATION, ALABAMA  
CALIFORNIA,  
NEESA 13-014  
APRIL 1983

Were liquids ever accepted at this site? **YES** NO

If yes, describe all liquids received, their corresponding volumes and the disposal methods employed such as injection, evaporation ponds, containers, codisposal, etc. (Attach additional sheets if necessary.)

Liquid	Gallons	Disposal method
SOLVENTS		UNKNOWN
PESTICIDES		
ACIDS		

Were hazardous wastes in greater than household amounts ever accepted at this site?

**YES** NO

If yes, describe all hazardous wastes received and the corresponding volumes. (Attach additional sheets if necessary.)

Hazardous Waste	<del>Volume</del> WEIGHT
PCB'S	30,000 TO 500,000 TONS (FROM THE INITIAL ASSESSMENT STUDY OF NAVAL AIR STATION ALAMEDA CALIFORNIA NEESA 13-014 APR 83
SOLVENTS	
PLATING WASTES	
METALS	
PESTICIDES	
INERT ORDNANCE	
LOW LEVEL RADIOLOGICAL WASTES	
INFECTIOUS WASTES	
ACIDS	

**SURROUNDING LAND USE**

Give the distance in miles (to the nearest 0.01 mile) to the nearest: **SEE FIGURE 2**

Occupied building

Describe the Building and Use:

Residential Area

School

Hospital

Park

Shopping Center

Business

Public Thoroughfare

Provide an aerial photograph or topographic map showing the surrounding area within two miles of the solid waste disposal site's perimeter. The photograph or map must identify all land uses in the area and highlight areas of high population such as housing, schools, restaurants, and shopping centers. For areas that are currently undeveloped, the proposed land uses must be shown.

What is the population within two (2) miles of the perimeter of the site? Indicate the source of the information and the date of the data. (Possible sources include the county planning agency and the 1980 Federal Decennial Census)

Population ~ 10,000 Source <sup>WAS ALAMEDA</sup> Date 6-21-88

### ADDITIONAL INFORMATION

Attach a copy of any waste discharge permits under which the site operated. NO PERMIT

Please provide any comments or additional information which you feel will assist in evaluating your site.

N/A

### PERSON COMPLETING THIS FORM

Signature *Bella G. Dizon*

Printed Name BELLA G. DIZON

Title ENVIRONMENTAL ENGINEER

Company Name U.S. NAVY

Date 6-21-88

Address WESTDIN NAVAL FACILITIES  
ENGINEERING COMMAND

Phone (415) 877-7494

City, State, ZIP SAN BRUNO, CA 94066

**OPTIONAL QUESTIONS**

**LANDFILL GAS COLLECTION SYSTEM**

Is a landfill gas collection system installed? YES **NO**

If yes, provide the following information: N/A

Date system installation completed                      Date system started operating

Is the system currently operating? YES NO

If no, explain why.

Percent of time system is on line

Name of company operating the system

Mailing address

Contact Person

Title                      Telephone number

APCD or AQMD application and permit numbers:

Application number

Permit number

System Design (Circle applicable items)

Vertical wells                      Horizontal Collection Trenches

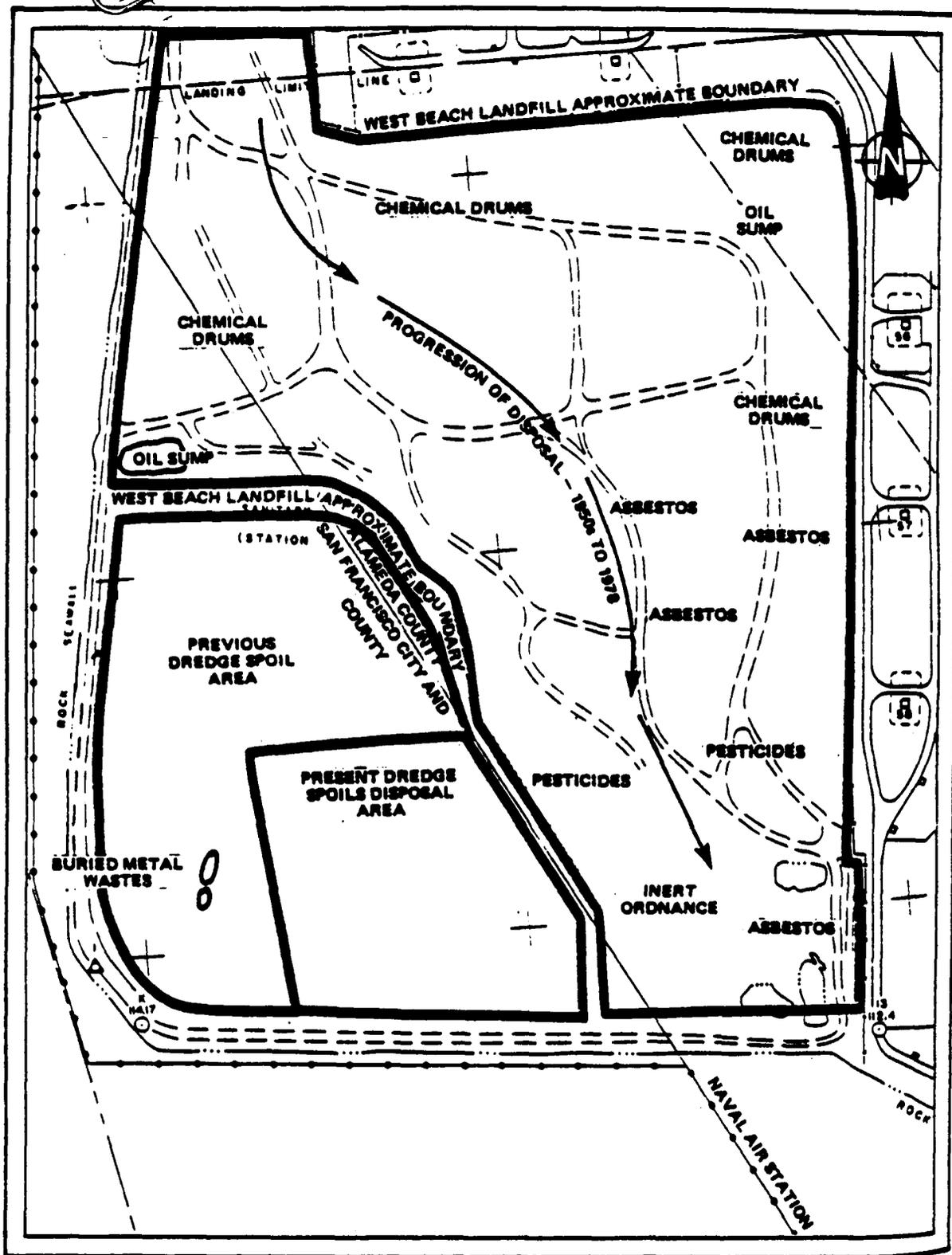
Perimeter migration control system                      Interior migration control system

Gas recovery system, interior collection only

Gas collection system capacity in CFM

Disposition of collected landfill gas (Circle applicable items.)

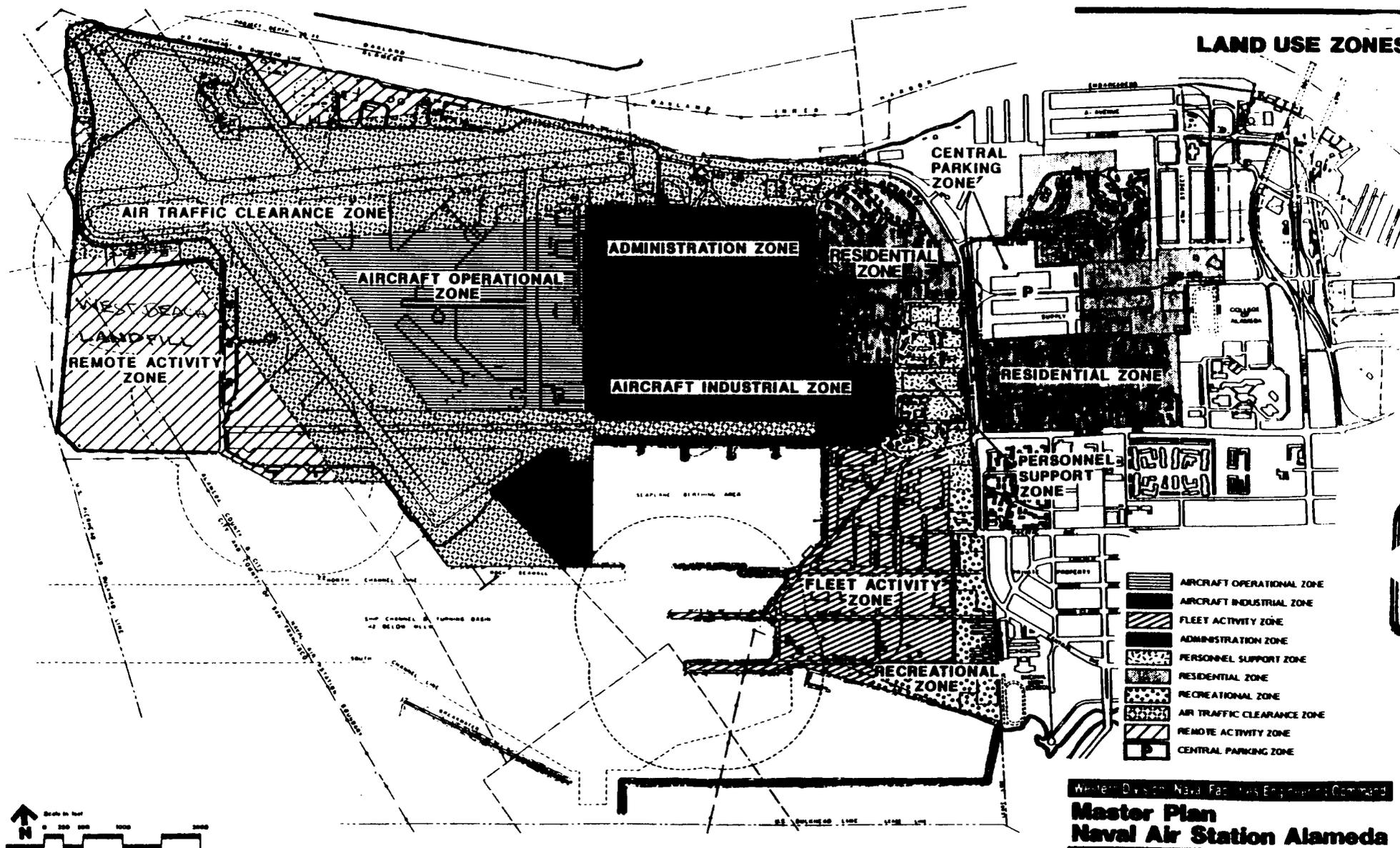
Vented to Atmosphere                      Flared  
Sold as Fuel                      Used as Fuel on Site



AREAS OF SUSPECTED HAZARDOUS WASTE DISPOSAL, WEST BEACH LANDFILL (SITE 1), NAS ALAMEDA

FIGURE 1

# LAND USE ZONES



-  AIRCRAFT OPERATIONAL ZONE
-  AIRCRAFT INDUSTRIAL ZONE
-  FLEET ACTIVITY ZONE
-  ADMINISTRATION ZONE
-  PERSONNEL SUPPORT ZONE
-  RESIDENTIAL ZONE
-  RECREATIONAL ZONE
-  AIR TRAFFIC CLEARANCE ZONE
-  REMOTE ACTIVITY ZONE
-  CENTRAL PARKING ZONE

Western Division Naval Facilities Engineering Command

## Master Plan Naval Air Station Alameda

FIGURE 2

**SCREENING QUESTIONNAIRE FOR INACTIVE SOLID WASTE DISPOSAL SITES**  
**Health and Safety Code Section 41805.5**

**SITE OWNERSHIP**

**Site name** 1943-1956 DISPOSAL AREA

**Site location** NAVAL AIR STATION (NAS), ALAMEDA

**Site address** NAVAL AIR STATION ALAMEDA, CALIFORNIA 94501-5201

~~**Nearest Cross Streets** EXTREME NORTHWESTERN CORNER OF THE STATION~~

**Current site owner** U.S. NAVY

**Street address** SAME AS SITE ADDRESS

**Mailing address** SAME AS SITE ADDRESS

**Contact Person** RANDY CATE      **Telephone Number** (415) 869-4731

**Previous site owners** U.S. ARMY (1930-1936)

**Provide the name and mailing address of all the previous site owners with the most recent owner first. (Attach additional pages if necessary.)**

**Owner** U.S. NAVY

**Owner**

**Mailing Address** NAVAL AIR STATION  
ALAMEDA, CA 94501-5201

**Mailing Address**

**Dates** 1936 TO PRESENT

**Dates**

**Owner**

**Owner**

**Mailing Address**

**Mailing Address**

**Dates**

**Dates**

Company performing site maintenance NO MAINTENANCE PERFORMED

Mailing address N/A

Contact person N/A Telephone number N/A

**SITE HISTORY**

Date site started receiving waste: 1943 Date Site stopped receiving waste: 1956

Percent of site filled by:

January 1, 1960 UNKNOWN January 1, 1970

January 1, 1980 January 1, 1984

Was the waste received by this site ever burned on a routine basis? YES NO

If yes, provide the following:

Date site started burning on a routine basis: EARLY 1950'S

Date site stopped burning on a routine basis: 1954

Has landfill gas migration ever been detected off site? YES NO

If yes, describe the event(s) in detail including date(s). (Attach additional pages if necessary.)

N/A

Have landfill gas odors ever been detected off site? YES NO

If yes, describe the event(s) in detail including date(s). (Attach additional sheets if necessary.) N/A

Has any landfill gas, ambient air, or gas migration testing ever been conducted at the site? YES NO

If yes, summarize the testing and the results including date(s). (Attach additional sheets if necessary.) N/A

Has this site ever been subject to any enforcement action by any Federal, state, or local agency as a result of underground gas migration or gaseous emissions to the atmosphere?

YES NO

If yes, summarize the enforcement action(s) and reason(s) including date(s). (Attach additional sheets if necessary.) N/A

**SITE DESCRIPTION**

Type of fill (Circle appropriate line)

Canyon

Pit

Area (Trench)

Other-Describe

LANDFILL

Provide estimate for:

Total Site Acreage 120 ACRES

Waste Disposal Area Acreage 120 ACRES

Volume of Waste (cubic yards) UNKNOWN

Quantity of Waste (tons) 15,000 TO 200,000

Minimum Depth of Waste (feet) UNKNOWN

Maximum Depth of Waste (feet) UNKNOWN

Average Depth of Waste (feet) UNKNOWN

Average Thickness Of Existing Top Cover (feet) UNKNOWN DEPTH OF SOIL

Does This Site Have A Liner? YES NO

If Yes, Describe: N/A

Type of Cover Material UNKNOWN

Provide a map to scale showing the boundaries of the total site and the waste disposal area.

SEE FIGURE 1

Identify all existing land uses on this site. (Circle appropriate item(s)).

Single family residential

Hotel

Multi family residential

Park

Commercial

Undeveloped

Industrial

Other (specify)

SKIRT AND TARGET RANGE

Hospital

PICNIC AREA

School

RECREATION BUILDING

JOGGING COURSE

AMMUNITION STORAGE FACILITY

For any undeveloped areas of this site, what land uses are currently proposed? (Circle appropriate item(s).) **NONE**

- Single family residential
- Multi family residential
- Commercial
- Industrial
- Hospital
- School
- Hotel
- Park
- Other (specify)

**WASTE DESCRIPTION**

Estimate of Solid Waste Received (Total of entries for residential, commercial, industrial, demolition, and other should add up to 100%.)

- % Residential
- % Commercial
- % Industrial
- % Demolition
- % Other **100**

Describe material under "other" and give its percentage.

Material	Percentage	WEIGHT
WASTES		15,000 TO 200,000 TONS

} FROM THE INITIAL ADDRESS  
 NAME OF NAS  
 ALAMEDA CA  
 NRESA 13-014  
 APRIL 83

Were liquids ever accepted at this site? **YES** NO

If yes, describe all liquids received, their corresponding volumes and the disposal methods employed such as injection, evaporation ponds, containers, codisposal, etc. (Attach additional sheets if necessary.)

Liquid	Gallons	Disposal method
WASTE OIL	}	EXACT QUANTITIES UNKNOWN
SOLVENTS		
CLEANING COMPOUNDS		

Were hazardous wastes in greater than household amounts ever accepted at this site?

**YES** NO

If yes, describe all hazardous wastes received and the corresponding volumes. (Attach additional sheets if necessary.)

Hazardous Waste	Volume	WEIGHT
WASTE OIL	}	15,000 TO 200,000 TONS
PAINT WASTE		
SOLVENTS		
CLEANING COMPOUNDS		
SCRAP METAL		
RADIOLOGICAL MATERIAL		

### SURROUNDING LAND USE

Give the distance in miles (to the nearest 0.01 mile) to the nearest: SEE FIGURE 2

Occupied building

Describe the Building and Use

Residential Area

School

Hospital

Park

Shopping Center

Business

Public Thoroughfare

Provide an aerial photograph or topographic map showing the surrounding area within two miles of the solid waste disposal site's perimeter. The photograph or map must identify all land uses in the area and highlight areas of high population such as housing, schools, restaurants, and shopping centers. For areas that are currently undeveloped, the proposed land uses must be shown.

What is the population within two (2) miles of the perimeter of the site? Indicate the source of the information and the date of the data. (Possible sources include the county planning agency and the 1980 Federal Decennial Census)

Population 10,000 Source HAS ALAMEDA Date 6-21-88

### ADDITIONAL INFORMATION

Attach a copy of any waste discharge permits under which the site operated. NONE

Please provide any comments or additional information which you feel will assist in evaluating your site. N/A

### PERSON COMPLETING THIS FORM

Signature *Bella G. Dizon*

Printed Name BELLA G. DIZON

Company Name U.S. NAVY

Address WESTDIV, NAVAL FACILITIES  
ENGINEERING COMMAND

City, State, ZIP SAN BRUNO, CA 94066

Title ENVIRONMENTAL ENGINEER

Date 21 JUNE 88

Phone (415) 877-7494

**OPTIONAL QUESTIONS**

**LANDFILL GAS COLLECTION SYSTEM**

Is a landfill gas collection system installed? YES **NO**

If yes, provide the following information: *N/A*

Date system installation completed                      Date system started operating

Is the system currently operating? YES NO

If no, explain why.

Percent of time system is on line

Name of company operating the system

Mailing address

Contact Person

Title                      Telephone number

APCD or AQMD application and permit numbers:

Application number

Permit number

System Design (Circle applicable items)

Vertical wells                      Horizontal Collection Trenches

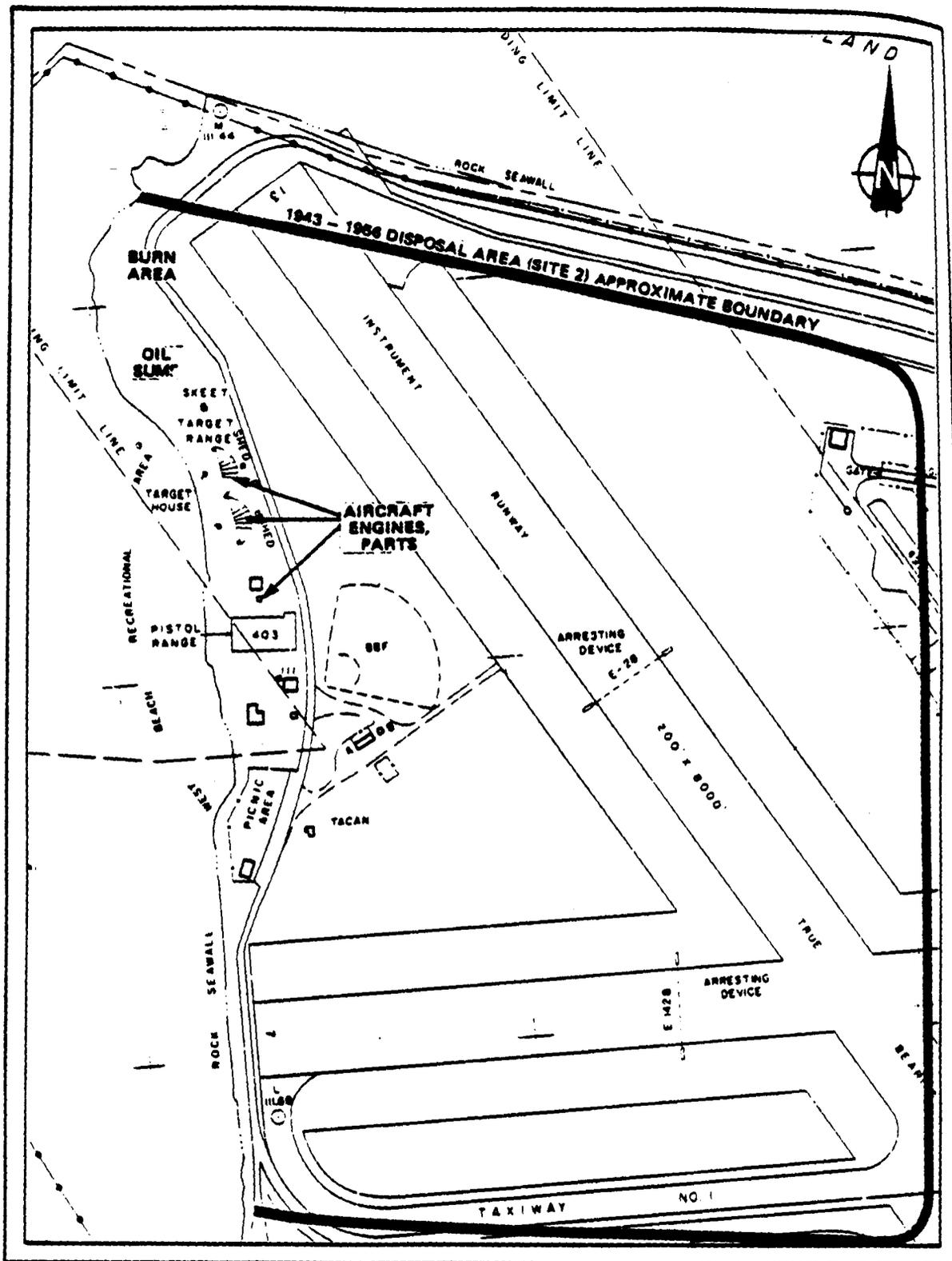
Perimeter migration control system                      Interior migration control system

Gas recovery system, interior collection only

Gas collection system capacity in CFM

Disposition of collected landfill gas (Circle applicable items.)

Vented to Atmosphere                      Flared  
Sold as Fuel                      Used as Fuel on Site



1943 - 1956 DISPOSAL AREA (SITE 2), NAS ALAMEDA

FIGURE 1

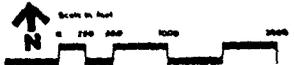
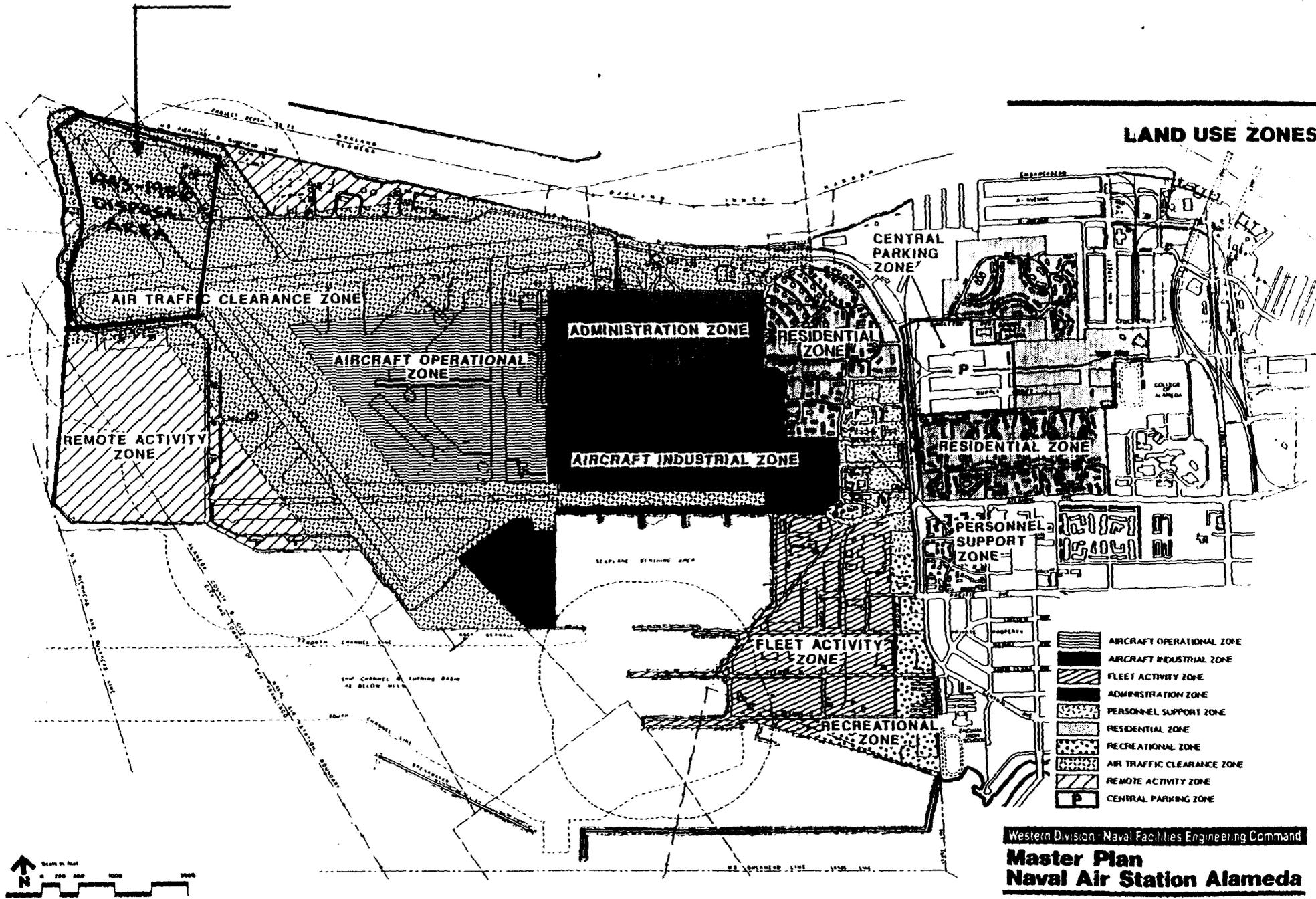


FIGURE 2