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NAS CECIL FIELD
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SAMPLING AND ANALYSIS OUTLINE AND REPORT MAIN BASE AREA 14 BASE
REALIGNMENT AND CLOSURE NAS CECIL FIELD FL
6/1/1999
HARDING LAWSON ASSOCIATES

SAMPLING AND ANALYSIS OUTLINE
MAIN BASE AREA 14
BASE REALIGNMENT AND CLOSURE
ZONE D, INDUSTRIAL FLIGHTLINE AREA

NAVAL AIR STATION CECIL FIELD
JACKSONVILLE, FLORIDA

Unit Identification Code: N60200

Contract No.: N62467-89-D-0317/090

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June 1999

Revision 0.0

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GLOSSARY

ABB-ES ABB Environmental Services, Inc
EBS environmental baseline survey
NAS Naval Air Station

1.0 INTRODUCTION

Main Base Area 14 (MB14) is the site designation assigned to an area of maintained fields that surround the runways, pine forest, and wetlands in the southeast quadrant of the Main Base Area at Naval Air Station (NAS) Cecil Field, Jacksonville, Florida. The perimeter of MB14 is formed by the facility boundary to the southeast, the north-south runway to the west, and arbitrary boundaries to the north and south, as shown in Figure 1.

The Environmental Baseline Survey (EBS) Report (ABB Environmental Services, Inc. [ABB-ES], 1994) documents the presence of communications and electronics buildings and structures within MB14. These facilities have been evaluated separately. Several roads, paved and unpaved, cross the property. Sal Taylor Creek bisects the property and has a diversion dam and associated retention basin (also known as the North Containment Pond) within the area to address fuel releases. The diversion dam and retention basin were used to recover JP-5 jet fuel from the 1991 North Fuel Farm release. A number of mounded earthen features were noted in the wetlands area east of the diversion dam. An external aircraft fuel tank was observed approximately 25 yards south of the retention basin. Household garbage and debris were noted outside the perimeter road fence both on and off Navy property.

The EBS Report recommended a 7/Grey color classification for the diversion dam and retention basin, and 1/White color classification for the remainder of MB14. An additional site walkover of MB14 was conducted by Harding Lawson Associates (then ABB-ES) in December 1997 and January 1998, confirming the observations documented in the EBS Report. No environmental concerns were noted during the site walkover and no sampling was recommended.

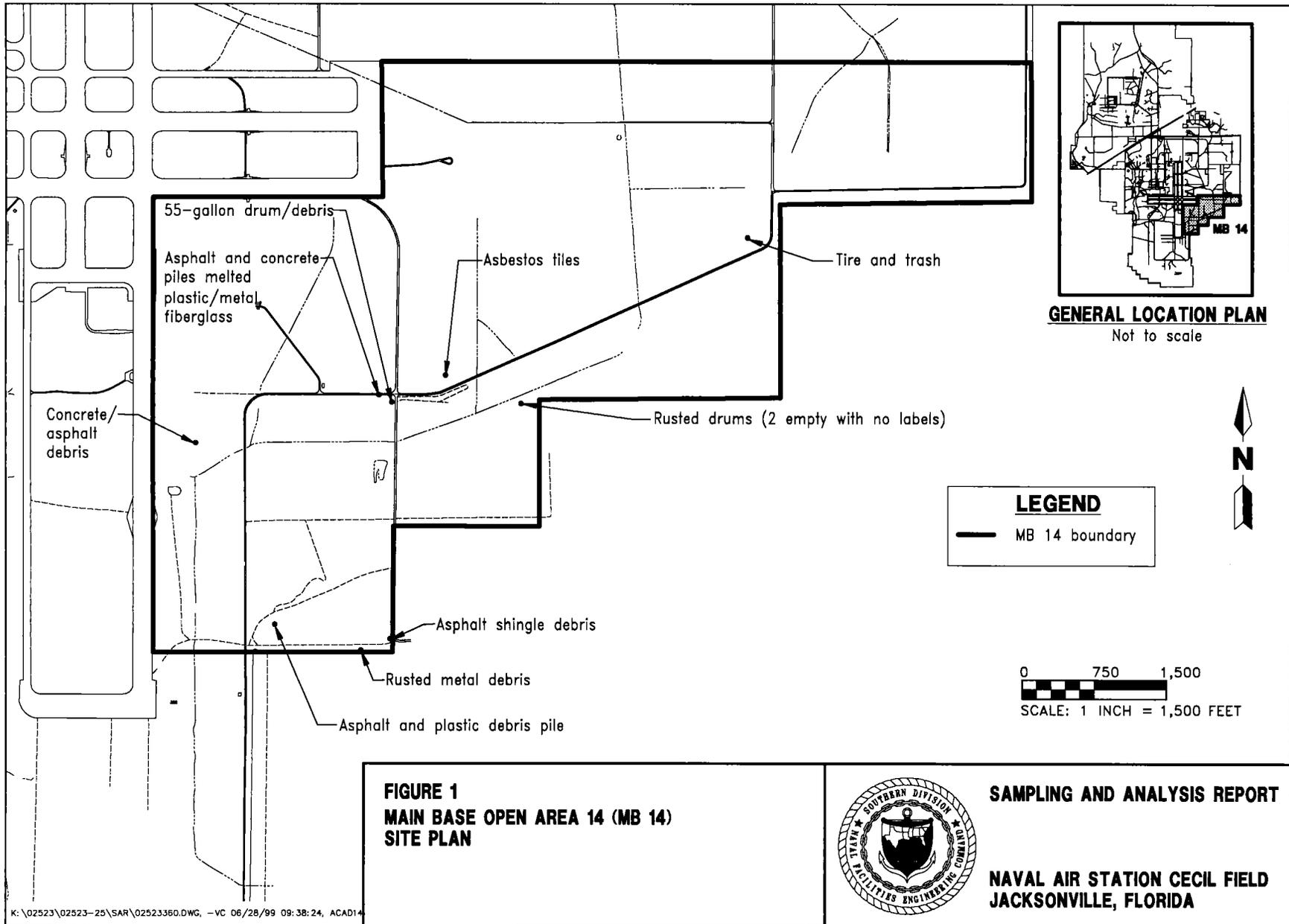
2.0 CONCLUSIONS AND RECOMMENDATIONS

No evidence of release or disposal of hazardous materials was observed or documented within MB14. The North Containment Pond was investigated separately under the petroleum program and no further action was recommended and approved (ABB-ES, 1996). Therefore, the color classification for the entire MB14 should be changed to 1/White.

3.0 REFERENCES

ABB Environmental Services, Inc. (ABB-ES). 1994. *Base Realignment and Closure Environmental Baseline Survey Report, Naval Air Station Cecil Field, Jacksonville, Florida*. Prepared for Southern Division, Naval Facilities Engineering Command (SOUTHNAVFACENGCOM), North Charleston, South Carolina (November).

ABB Environmental Services, Inc. (ABB-ES). 1996. *Contamination Assessment Report Addendum, North Fuel Farm Area Sites, Sal Taylor Creek JP-5 Fuel Spill Sites, Naval Air Station Cecil Field, Jacksonville, Florida*. Prepared for Southern Division, Naval Facilities Engineering Command (SOUTHNAVFACENGCOM), North Charleston, South Carolina (March).



**FIGURE 1
MAIN BASE OPEN AREA 14 (MB 14)
SITE PLAN**



SAMPLING AND ANALYSIS REPORT

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1.0 INTRODUCTION

Main Base Area 14 (MB14) is the site designation assigned to an area of maintained fields, pine forest, and wetlands that surround the runways, in the southeast quadrant of the Main Base Area at Naval Air Station (NAS) Cecil Field, Jacksonville, Florida. The perimeter of MB14 is formed by the facility boundary to the southeast, the north-south runway to the west, and arbitrary boundaries to the north and south, as shown in Figure 1.

The Environmental Baseline Survey (EBS) Report (ABB Environmental Services, Inc. [ABB-ES], 1994) documents the presence of communications and electronics buildings and structures within MB14. These facilities have been evaluated separately. Several roads, paved and unpaved, cross the property. Sal Taylor Creek bisects the property and has a diversion dam and associated retention basin (also known as the North Containment Pond) within the area to address fuel releases. The diversion dam and retention basin were used to recover JP-5 jet fuel from the 1991 North Fuel Farm release. A number of mounded earthen features were noted in the wetlands area east of the diversion dam. An external aircraft fuel tank was observed approximately 25 yards south of the retention basin. Household garbage and debris were noted outside the perimeter road fence both on and off Navy property.

The EBS Report recommended a 7/Grey color classification for the diversion dam and retention basin, and 1/White color classification for the remainder of MB14. An additional site walkover of MB14 was conducted by Harding Lawson Associates (then ABB-ES) in December 1997 and January 1998, confirming the observations documented in the EBS Report. No environmental concerns were noted during the site walkover and no sampling was recommended.

2.0 CONCLUSIONS AND RECOMMENDATIONS

With the exception of the drainage ditch, diversion dam, and retention basin, no evidence of release or disposal of hazardous materials was observed or documented within MB14. The North Containment Pond was investigated separately under the petroleum program and no further action was recommended and approved (ABB-ES, 1996). Therefore, the color classification for the North Containment Pond should be changed to 2/Blue, and the color classification for the remainder of MB14 should be changed to 1/White.

3.0 REFERENCES

- ABB Environmental Services, Inc. (ABB-ES). 1994. *Base Realignment and Closure Environmental Baseline Survey Report, Naval Air Station Cecil Field, Jacksonville, Florida*. Prepared for Southern Division, Naval Facilities Engineering Command (SOUTHNAVFACENGCOM), North Charleston, South Carolina (November).
- ABB Environmental Services, Inc. (ABB-ES). 1996. *Contamination Assessment Report Addendum, North Fuel Farm Area Sites, Sal Taylor Creek JP-5 Fuel Spill Sites, Naval Air Station Cecil Field, Jacksonville, Florida*. Prepared for Southern Division, Naval Facilities Engineering Command (SOUTHNAVFACENGCOM), North Charleston, South Carolina (March).

