

FINAL
Preliminary Assessment Report
Antioch Bombing Target

Contract No. DACW05-95-D-0004
Task Order No. 0015

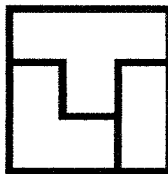
May 7, 1999

Prepared For:



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**FINAL
PRELIMINARY ASSESSMENT REPORT
ANTIOCH BOMBING TARGET**

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FINAL PRELIMINARY ASSESSMENT REPORT ANTIOCH BOMBING TARGET

1.0 Introduction

TechLaw, Inc. (TechLaw) received Task Order No. 0015 under contract DACW05-95-D-0004 to provide services to the U.S. Army Corps of Engineers - Sacramento District (USACE). This Task Order requested the development of preliminary assessments for eleven suspected, World War II era, gunnery and bombing ranges. These sites were identified by USACE through a variety of sources. The eleven sites include Trinidad Bombing Target, Gualala Bombing Target, Jenner Bombing Target, Petaluma Bombing Target, Antioch Bombing Target, Stockton Ordnance Depot, Lake Chabot Gunnery Range, Livermore Rifle Range, Livermore Auxiliary Field, NAAS Vernalis, and Gustine Bombing Target. Individual reports have been prepared by TechLaw for each of these eleven sites.

TechLaw's primary researcher for the development of this Preliminary Assessment was Betty Henkle (916) 557-6826 and the TechLaw Project Manager was Gene Barber (303) 763-8881.

1.1 Objectives of the Report

In preparing this Preliminary Assessment Report TechLaw has addressed each of the tasks specified in the Scope of Work for this assignment. The purpose of this Preliminary Assessment (PA) Report is to provide the USACE information regarding the Department of Defense' (DoD) interest in the site and to determine if this site should be considered a formerly used defense site (FUDS).

This report addresses the former and current ownership of the site, and the historical and current use of the site. Due to the limited information available at the onset of the research detailed herein, it was necessary for TechLaw to determine the approximate physical boundaries of the site. In some cases the lack of physical boundaries affected TechLaw's ability to compile a complete ownership history for the site.

TechLaw attempted to identify the types of ordnance used at the site and the specific location(s) where related activities took place. Based on the scope of work for this assignment historical records were reviewed at the San Bruno National Archives, several archives in the Washington, D.C. area, one local historical repository, and the offices of the local county Assessor and Recorder. In most cases TechLaw also made several personal contacts in an attempt to develop the history of the site.

Throughout the development of the site history there are gaps in historical data and occasional conflicts between sources. TechLaw has identified datagaps and conflicts where they occur in the text of the report.

In an attempt to provide complete information and a thorough evaluation of the site, TechLaw has conducted a site visit to gather additional information and record the current condition of the site. TechLaw staff recorded the current state of this site both on film and video tape. The video tape documenting the results of the site visits is included in the file for the Stockton Ordnance Depot.

Finally, TechLaw was required to evaluate the potential for hazards at the site and to complete an Ordnance and Explosive Risk Assessment Code (RAC) for the site. The RAC for this site has been provided as Appendix 5.

1.2 Site Background

The Antioch Bombing Target is located approximately 11 miles east of Antioch, in Contra Costa County, California, in Township 2 North Range 3 East, Mount Diablo Base and Meridian (Figure 1). The nearest major road is Highway 160. The Antioch Bombing Target was located in Divisions C and D in what was known as the Subdivisions of the Lands of Franks Reclamation Company (CA0018). These divisions total approximately 992.92 acres of what is now submerged land. According to the California Department of Parks and Recreation, Brannon Island District, Rio Vista, California, this area became submerged during the 1930s. This area is currently known as Frank's Tract and will be referred to as such throughout the remainder of this report.

This area is popular for sightseeing, water sports, fishing, and picnicking. The area around the Antioch Bombing Target contains housing, marinas, fuel stations, and restaurants.

1.3 Organization of the Report

This Preliminary Assessment report is organized in the following manner:

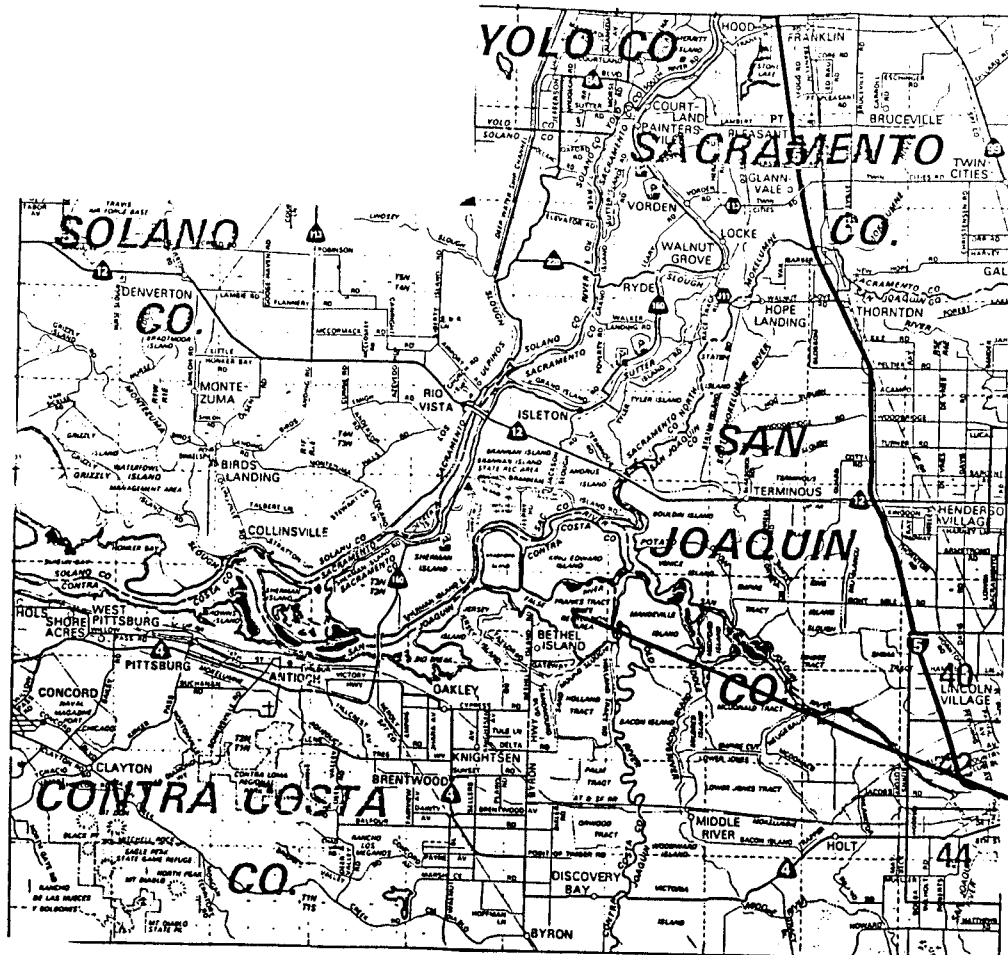
Section 2.0 - Ownership History - This section of the report discusses the ownership history of the facility in question. It discusses the specific property and follows a basic chain of ownership from the 1930s to the present. Transactions are discussed in chronological order and properties are depicted on a real estate map.

Section 3.0 - Department of Defense Operations - Section 3 of the report provides a detailed discussion regarding the historical use of the site and focuses on DoD operations specifically. This section of the report is divided into subsections which relate to specific areas of interest. TechLaw has provided a map which delineates the specific areas of interest (Figure 3).

Section 4.0 - Subsequent Development of the Site - TechLaw has evaluated the development of the Antioch Bombing Target subsequent to World War II and use by DoD, and included the results of this research in Section 4 of the report.

Section 5.0 - Results of the Site Visit - Section 5.0 of this Preliminary Assessment Report contains a written summary of the observations made during TechLaw's visit to the site. The scope of the site visit included observations made from roads and publicly accessible trails. No sub-surface investigation was conducted. These results refer to the still photographs included in Appendix 3 of this report.

3 - SAR



Antioch Bombing Target



Location in California

NOT TO SCALE

Figure 1
LEGEND
Location of the Antioch Bombing Target
SOURCE: The Thomas Guide-Central Valley Cities

Section 6.0 - Conclusions - This section of the report provides TechLaw's conclusions which result from the historical research, interviews, and site visit.

List of References - All documents cited in the body of the Preliminary Assessment Report are presented in this section of the report. All documents obtained for the eleven sites included under this Task Order were numbered using an alphanumeric code and entered into a database developed in Summation Blaze 5.0+ software. The references which apply to this report were printed from the database and comprise the list of references included in this section of the report. The two character alpha designation of the document number provides the source of the document. All statements of fact contained in this report are followed by a document number. The alpha codes used throughout this project are as follows:

- CR - County Recorder
- CA - County Assessor
- CP - College Park National Archives
- WN - Washington Navy Yard
- NS - Netscape Navigator
- ML - Merced Library
- MA - Maxwell Air Force Base
- SA - Port of Stockton Administration
- CE - US Army Corps of Engineers
- DT - California EPA, Department of Toxic Substance Control
- CN - Bodega Bay and West County Navigator - newspaper
- GP - Gualala County Parks
- LA - Livermore Airport
- SB - National Archives Pacific Sierra Region, San Bruno
- NC - Naval Communication Station, Stockton

Appendix 1 - Sources Contacted - This appendix contains a summary of TechLaw's contact with all potential sources of information relevant to this preliminary assessment. It includes the name of the individual, their organization, title, and address and phone number. This section is organized by agency name and by type of agency (i.e., federal, state, county, etc.)

Appendix 2 - Archive Search Results - Appendix 2 contains the results of all research conducted at the various National Archives. The name of the individual archive is presented along with a listing of all record groups researched and those specific boxes where information was collected.

Appendix 3 - Photographs from the Site Visit - Still photographs taken during the site visit are presented in Appendix 3. These photographs provide captions describing the scene and site features.

Appendix 4 - Confirmation Notices - Appendix 4 contains summaries of all conversations TechLaw personnel had with potential sources of information. These confirmation notices are presented in chronological order. The content of the confirmation notices is summarized in Appendix 1.

Appendix 5 - Risk Assessment Code for Ordnance and Explosive Waste Sites - This Appendix contains the Ordnance and Explosive Risk Assessment Code (RAC) for this site.

Appendix 6 - Supporting Documents - All documents referenced in the Preliminary Assessment Report are provided as Appendix 6.

2.0 Ownership History: Antioch Bombing Target 1906 to Present

TechLaw evaluated the real estate history of the property that contains the Antioch Bombing Target by reviewing records at the Contra Costa County Assessor's and County Recorder's Office located in Martinez, California and at the National Archives in San Bruno. Grantee and Grantor indices were examined from the 1900s to the 1960s to determine if the United States obtained an interest in land in the area of the Antioch Bombing Target. Although TechLaw has not developed a complete chain-of-title for the Antioch Bombing Target, it has compiled a fairly complete overview of the ownership history of the target area.

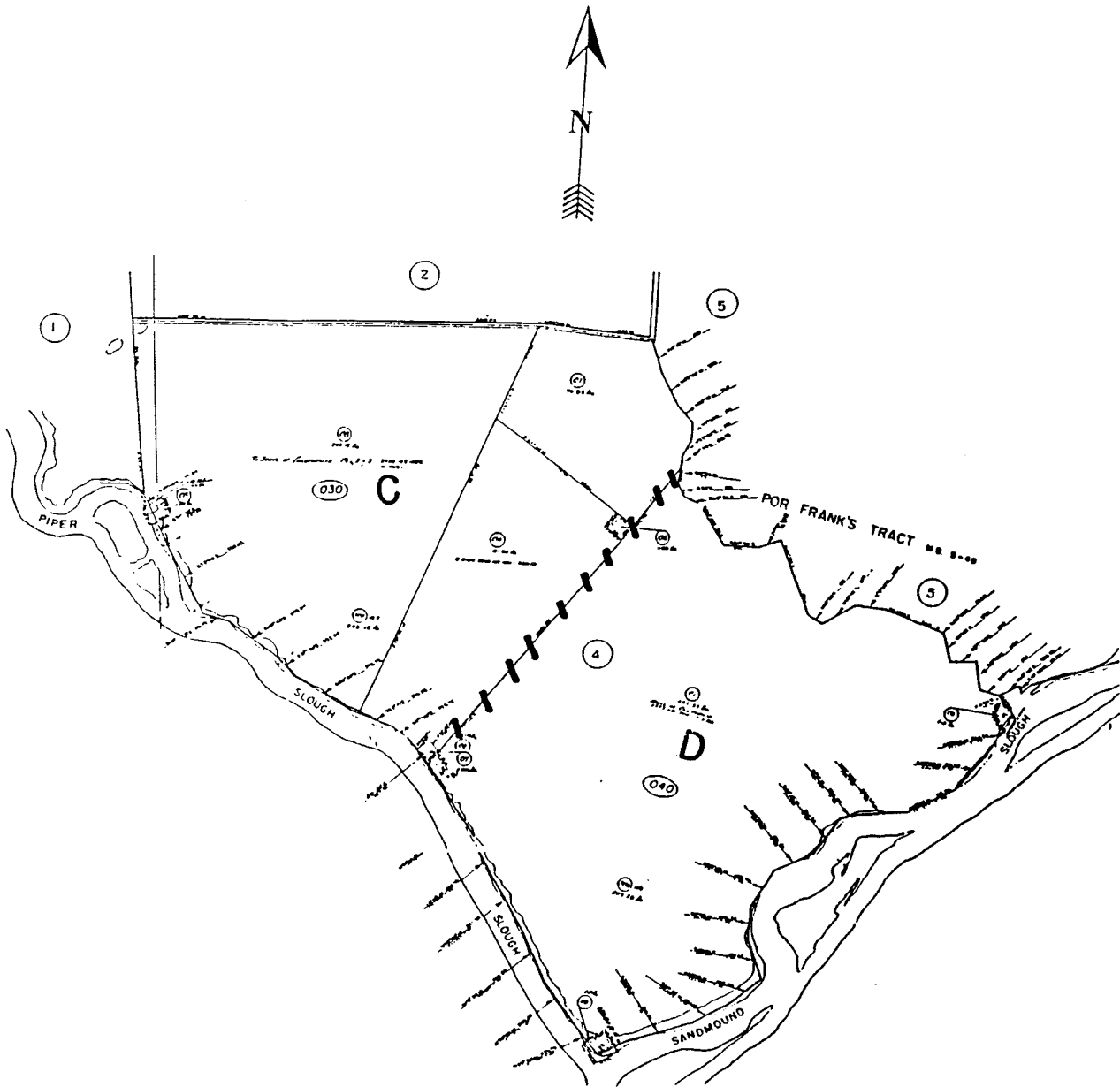
The property which TechLaw has evaluated is included on the Contra Costa Assessor Map, Book 25, pages 3 and 4 (CA0012 and CA0013) and in Book B of Maps, page 40 of the County Recorder's Office (CA0018). Descriptions of the property noted below refer to Assessor parcel numbers (APNs) which consist of the book and page of the map and the individual parcel number (e.g., 25-004-008, 025-004-004). Figure 2 is a composite of the two Assessor maps and depicts all of the property discussed below. Parcel numbers are circled on the map and appear as two digit numbers. The property TechLaw has determined to contain the Antioch Bombing Target consists of Division C, Parcels 025-004-008, 025-004-007, 025-004-006, 025-004-005, 025-004-004, 025-004-001 and Division D Parcel 025-004-001, 025-004-002, 025-004-003, and 025-004-004. The property discussed in this report consists of Divisions C and D and will be referred to as such throughout the remainder of this report.

2.1 Antioch Bombing Target Property History

In 1906, the area containing the Antioch Bombing Target was owned by Dr. N.K. Foster and F.C. Franks according to Book B of Maps, page 40 (CA0018). In a Deed recorded on March 29, 1913, Fred C. Franks and his wife conveyed an undivided one-half interest of Division D (Frank's Tract) to John Markley and Ada R. Markley of Sutter County, California (CR0018).

According to a property acquisition map dated November 23, 1943, the Regents of the University of California, Berkeley, California (Regents of California) owned Division D, containing 502.25 acres (SB0212).

A Renewal of Government Lease executed on May 15, 1951, extended the period of performance for Lease NOy(R)35540 from July 1, 1951 through June 30, 1952. Lease NOy(R)35540 was executed between the United States as Lessee and The Regents of the University of California as Lessor on February 1, 1944 for 992.92 acres (SB0084). A memorandum dated November 21, 1944, concerning real estate activity at Air Facilities, states there was a Lease (NOy(R)35540) for 502.25 acres. According to other documentation, this Lease was renegotiated from 1952 to 1954 (SB0084, SB0069, SB0045, SB0055, SB0056, AND SB0059). TechLaw was unable to obtain any of the actual Leases for this property.



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Figure 2

LEGEND

Divisions C and D of Frank's Tract
 Boundaries separating the divisions are depicted by the slash lines

SOURCE: Contra Costa Assessor's Office

According to a letter from the Twelfth Naval District dated July 7, 1944, Pacific Gas and Electric (PG&E) had a power line that bisected Division D (CP0006). TechLaw was unable to obtain any records indicating an easement for PG&E. The target was moved from Division D to Division C because of the hazard of the PG&E power line according to an acquisition map dated November 1945 (Figure 3 and SB0208).

According to the memorandum dated November 21, 1944, there was an exchange of land by revocable permits between the California Peat Company and the Government and that the permits were executed and transmitted on September 22, 1944 (SB0109). A letter dated September 24, 1945, states that a revocable permit from California Peat Company and a revocable permit from the Government to California Peat Company were forwarded to the Bureau of Yards and Docks on July 7, 1944, for execution and approval. These permits covered 500 acres adjoining the property covered by Lease NOy(R)35540 and were to be used by the Government for bombing operations (SB0108). Although no specific description of the property is provided it appears that this acreage equals that of Division C.

On April 5, 1945, The Regents of California conveyed a one-half interest of Division D (Frank's Tract) to Carl and Nancy Newbury and Lawrence and Maude Mehaffey by Deed recorded in Book 600, page 210. The Regents of California retained all mineral rights to Division D (CR0021).

California Peat Company conveyed 502.25 acres of Division D to the State of California by Deed recorded on April 4, 1960, in Book 3653, page 304 (CR0022). The Regents of California also conveyed 502.25 acres of Division D, including the mineral rights, to the State of California by Deed recorded on April 6, 1960, in Book 3653, page 308 (CR0023).

California Peat Company conveyed all of Division C to the State of California by Deed recorded on February 8, 1961, in Book 3900, page 486 and by Deed recorded on August 24, 1960, in Book 3823, page 601 (CR0020 and CR0019). According to the Deeds recorded in 1960 and 1961, L.W. Mehaffey and Carl Newbury were the secretary and vice president of the California Peat Company (CR0018 and CR0019).

Currently, the property known as Frank's Tract is owned and operated by the California Department of Parks and Recreation, Brannon Island, Rio Vista, California (NS0006).

3.0 Department of Defense Operations at Antioch Bombing Target

As outlined in the Scope of Work for the Preliminary Assessments, TechLaw has contacted state, federal, and local agencies, libraries, and historical societies in search of information regarding this site. Information regarding this site was limited and there is very little detail concerning the specific activities of DoD. The information provided below is a summary of DoD's operations at Antioch Bombing Target. This information was obtained from oral accounts and written documentation regarding the Antioch Bombing Target and the surrounding areas. TechLaw has delineated the various locations of the Antioch Bombing Target on Figure 3.

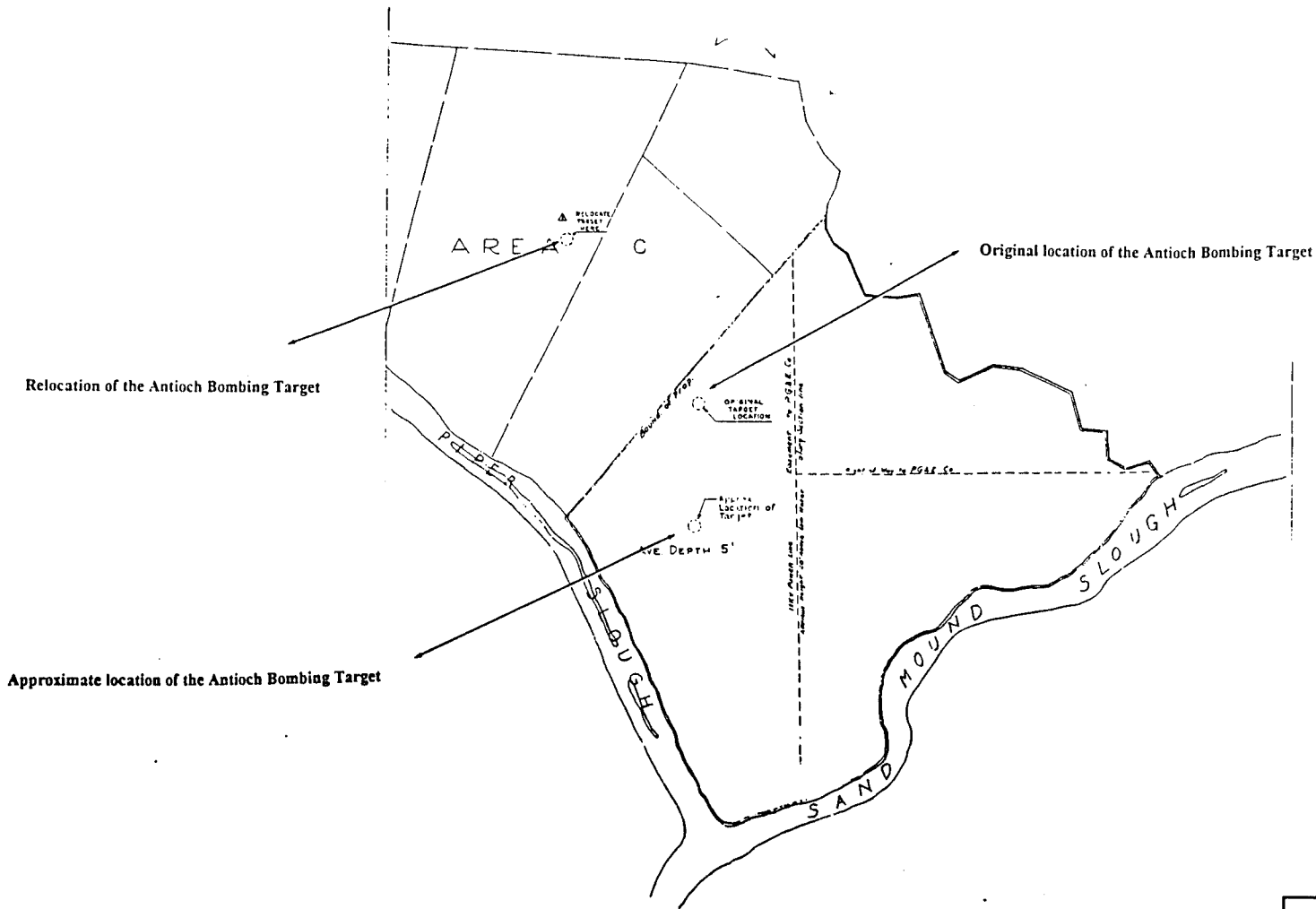


Figure 3

LEGEND

Various locations of the Antioch Bombing Target

SOURCE: San Bruno National Archives

3.1 Antioch Bombing Target

According to a letter dated November 28, 1952, discussing the renegotiation of Lease NOy(R)35540 covering 992.21 acres for the Antioch Dive Bombing Target, the Lease stipulated that the Lessor (California Peat Company) was allowed to dig peat in this area. It also states that the California Peat Company was required to advise two weeks in advance of any proposed digging operations in the vicinity of the target, so that the target structures could be either moved or closed for the period of the digging operations. A request was also made to allow sportsmen to fish in the subject area. The Navy disagreed with this arrangement, stating that it would be with "consequent liability" of the Navy in case of injury or death attributable to dive bombing or rocket training. The letter also states that there was an urgent requirement for an indefinite period of time for this target site. Squadrons trained in this area played a large part in fighting in Korea. It was recommended that additional effort be made to negotiate an acceptable lease or that consideration be given to condemnation to obtain the continued use of the target area (SB0055).

An attachment to a letter dated May 11, 1953, discussing Naval Air Targets, Gunnery and Bombing Areas, 12th Naval District, states the Antioch Bombing Target consisted of a floating target on inland waters at Latitude 38-02-30N and Longitude 121-37-00N. The bombing practice normally consisted of air to ground rockets and miniature bombs. The target area was temporarily closed pending renewal of the lease by condemnation proceedings. TechLaw was unable to obtain any documents pertaining to the condemnation proceedings (SB0044).

3.2 Deactivation of the Antioch Bombing Target

A Naval speed letter dated January 7, 1954, states the Navy used the Antioch Bombing Target continuously from 1943 until the Lease by the Navy expired on October 27, 1952. In the Naval speed letter, the Commandant of the 12th Naval District, was advised of the interest of the sportsmen and recreational groups in Frank's Tract and that the State Parks Commission was seriously considering establishment of a State Aquatic Park in the area. The Commandant also received numerous letters from sportsmen associations and their representatives protesting the acquisition. The Navy considered that the resultant adverse public relations would be most detrimental to the Navy and should be avoided. Renegotiations of the Lease were unsuccessful and the Navy withdrew the request for the target and all Naval District interest in Frank's Tract was terminated (SB0043).

4.0 Subsequent Development at the Antioch Bombing Target

According to Randy Riblet and Jay Galloway, California Department of Parks and Recreation, Frank's Tract is currently used for fishing, duck hunting, sightseeing, and boating. The area which contained the Antioch Bombing Target is under approximately 20 feet of water and contains duck blinds. The area immediately surrounding the location of the former target area is completely undeveloped and consists of open water. Located approximately 1.25 miles from the target area and 75 feet from the western shore of Frank's Tract is Bethel Island. Bethel Island consists of homes, restaurants, marinas, and fueling stations. This island is separated from Frank's Tract by a cement sea wall constructed by the California Department of Parks and Recreation.

5.0 Results of Site Visit

A site visit was conducted on January 28, 1999, of the Antioch Bombing Target to make observations about the current condition of the site and to attempt to identify any features that might relate to the operations of the DoD. Betty Henkle and Gene Barber of TechLaw conducted the site visit. Video tape and photographs were taken to document the features of the site. The photographs that were taken are incorporated in this report as Appendix 3. The video tape of the site will be delivered to USACE with the Final Preliminary Assessment Report.

In order to conduct a site visit of the Antioch Bombing Target it was necessary to request the assistance of the California Department of Parks and Recreation. TechLaw personnel arrived at Brannon Island Park, Rio Vista, California at approximately 10:00 a.m. The skies were foggy and visibility was minimal. Randy Riblet and Dennis Pruitt, from the California Department of Parks and Recreation transported the TechLaw staff by boat to the area called Frank's Tract. In order to reach Frank's Tract the boat passed through Three Mile Slough, crossed over the San Joaquin River, past Twitchell Island and Bethel Island, False River, and into what is referred to as Little Frank's Tract. Bethel Island is located approximately 1.25 miles from the Antioch Bombing Target across Piper Slough and contains housing, restaurants, marinas, and fuel stations (Photograph Nos. 1, 3, and 5). Due to the erosion of the levees and Frank's Tract being rich in peat soil, a sea wall was built by the California Department of Parks and Recreation by the request of the homeowners and businesses along Frank's Tract to keep debris off the island and to keep the surrounding areas from washing away. On the east side of the sea wall is the area known as Frank's Tract. According to Randy Riblet this area was submerged in the 1930s and remains under approximately 20 feet of water. Frank's Tract consists of open water and although the area of the target was fully covered by boat, TechLaw personnel were unable to locate any signs of DoD activities or any debris left from the bombing target (photograph Nos. 1, 3, and 5).

5.1 Conclusions from Site Visit

As a result of the site visit that TechLaw has conducted on the Antioch Bombing Target and its surrounding areas the following conclusions have been developed:

- The former location of the Antioch Bombing Target is widely used by the public for recreational purposes.
- The areas surrounding the target are occupied by homes, marinas, restaurants and fuel stations.
- The water-borne gunnery and bombing targets referenced in this report appear to have been removed and any debris that remains is submerged under approximately 20-feet of water.

6.0 Conclusions

The following conclusions are based on the results of the research presented in the previous sections of this report.

6.1 Conclusions

As a result of the research that TechLaw has conducted on the Antioch Bombing Target and its surrounding areas the following conclusions have been developed:

- TechLaw has determined that there is sufficient documented evidence to support the fact that DoD used the Antioch Bombing Target and the surrounding area for target and/or bombing practice from WWII through the early 1950s.
- The areas surrounding the target have been developed for recreational and residential use. The Target itself remains submerged under approximately 20 feet of water.
- No physical evidence exists that the site was used by DoD.
- Documented evidence exists that bombing practice consisted of air to ground rockets and miniature M23 bombs (Huckins, February 4, 1999).

Antioch Bombing Target List of References

Doc#	Date	Title	Author	Author Org	Source	Reference No.
CA0012	01/01/1961	Division C	Not Applicable	Not Applicable	County Assessor's Office, Contra Costa County	Parcel Map 030-008-000, 030-004-000, 030-001-000
CA0013	01/01/1961	Division D.	Not Applicable	Not Applicable	County Assessor's Office, Contra Costa County	1961 Roll, 040-01-000
CA0018	02/06/1905	Subdivisions of Franks Tract Reclamation Company	Not indicated	Not indicated	County Recorder's Office, Sonoma County, CA	Book of Maps B, page 40
CP0006	07/07/1944	Letters regarding leases. Includes indorsements.	Williams, Ernest E. Illegible	Twelfth Naval District Bureau of Yards and Docks	National Archives, College Park, Maryland	RG 71, Records of the Bureau of Yards & Docks, Naval Property Case files, 1941 - 1958, Box No. 42, Alameda, W5-94-AL-27 thru Arcata, C5-2-AR-5
CR0018	03/26/1913	Deed between Franks and Markley.	Franks, Fred C. and Myra	Not indicated	County Recorder's Office, Contra Costa County	Book 207, pages 267- 271
CR0019	08/24/1960	Deed to State of California.	California Peat Company, Inc.	Not indicated	County Recorder's Office, Contra Costa County	Book 3823, page 601-603
CR0020	06/30/1961	Deed to State of California.	California Peat Company, Inc.	Not indicated	County Recorder's Office, Contra Costa County	Book 3900, page 486-491
CR0021	04/05/1945	Deed between grantor and Newbury and Mehaffey.	Regents of the University of California	Not Applicable	County Recorder's Office, Contra Costa County	Book 600, page 210-211
CR0022	06/23/1960	Deed to State of California.	California Peat Company, Inc.	Not Applicable	County Recorder's Office, Contra Costa County	Book 3653, page 304-307
CR0023	04/06/1960	Deed to State of California.	Regents of the University of California	Not Applicable	County Recorder's Office, Contra Costa County	Book 3653, page 308-310
NS0006	07/22/1998	Inventory of recreational facilities.	Not indicated	Not indicated	Netscape Navigator	www.delta.ca.gov
SB0043	01/07/1954	Naval Speedletter regarding comments and recommendations for leasing of Antioch Dive Bombing Target.	Rodgers, B.J.	Twelfth Naval District, San Francisco, California	National Archives and Records Administration, Pacific Sierra Region, San Bruno	RG181, Records of Naval Districts and Shore Establishments, 12th Naval District Airbases, Acquisition Files, Box No.1, Accession No. NN373-91 (181-61-0096), Folder titled, "Targets, Training Aids, Outlying Fields General."
SB0044	05/11/1953	Letter listing Naval Air targets, gunnery and bombing ranges.	Asserson, W.C. Jr.	Twelfth Naval District, San Francisco, California	National Archives and Records Administration, Pacific Sierra Region, San Bruno	RG181, Records of Naval Districts and Shore Establishments, Public Works, Acquisition Files, Box No.1, Accession No. NN373-91 (181-61-0096), Folder titled, " Targets, Training Aids, Outlying Fields General."

Antioch Bombing Target List of References

Regdocs	Docdate	Doctitle	Author	Authorg	Source	Reference No.
SB0045	03/27/1953	Letter regarding renewal of leases for fiscal year 1954.	Lord, L.C.	Bureau of Aeronautics	National Archives and Records Administration, Pacific Sierra Region, San Bruno	RG181, Records of Naval Districts and Shore Establishments, Public Works, Acquisition Files, Box No.1, Accession No. NN373-91 (181-61-0096), Folder titled, " Targets, Training Aids, Outlying Fields General."
SB0055	11/28/1962	Letter regarding renegotiation of Lease NOy(R)-35540 covering 992.91 acres.	Asserson, W.C. Jr.	Naval Air Bases, Twelfth Naval District	National Archives and Records Administration, Pacific Sierra Region, San Bruno	RG181, Records of Naval Districts and Shore Establishments, 12th Naval District Airbases, Acquisition Files, Box No. 1, Accession No. NN373-91 (181-61-0096), Folder titled, " Targets, Training Aids, Outlying Fields General."
SB0056	10/24/1952	Letter regarding renegotiation of Lease NOy (R)-35540 covering 992.21 acres.	Springmeyer, L.P.	Twelfth Naval District, San Bruno, California	National Archives and Records Administration, Pacific Sierra Region, San Bruno	RG181, Records of Naval Districts and Shore Establishments, 12th Naval District Airbases, Re Acquisition Files, Box No. 1, Accession No. NN373-91 (181-61-0096), Folder titled, " Targets, Training Aids, Outlying Fields General."
SB0059	10/24/1952	Letter regarding renegotiation of Lease NOy (R)-35540 covering 992.21 acres.	Springmeyer, L.P.	District Public Works, Twelfth naval District	National Archives and Records Administration, Pacific Sierra Region, San Bruno	RG181, Records of Naval Districts and Shore Establishments, 12th Naval District Airbases, Re Acquisition Files, Box No. 1, Accession No. NN373-91 (181-61-0096), Folder titled, " Targets, Training Aids, Outlying Fields General."
SB0069	06/09/1952	Requisition of renewal of government lease.	Cochrane, Jack E.	Bureau of Yards and Docks	National Archives and Records Administration, Pacific Sierra Region, San Bruno	RG181, Records of Naval Districts and Shore Establishments, 12th Naval District Airbases, Re Acquisition Files, Box No. 1, Accession No. NN373-91 (181-61-0096), Folder titled, " Targets, Training Aids, Outlying Fields General."
SB0084	05/15/1951	Requisition for renewal of government lease.	Cochrane, Jack E.	Bureau of Yards and Docks	National Archives and Records Administration, Pacific Sierra Region, San Bruno	RG181, Records of Naval Districts and Shore Establishments, 12th Naval District Airbases, Re Acquisition Files, Box No. 1, Accession No. NN373-91 (181-61-0096), Folder titled, " Targets, Training Aids, Outlying Fields General."

Antioch Bombing Target List of References

Report#	Docdate	DocTitle	Author	Authorg	Source	Reference No.
SB0099	01/01/1901	List of Gunnery Range and Target Areas released since WWII.	Not indicated	Not indicated	National Archives and Records Administration, Pacific Sierra Region, San Bruno	RG 181, Records of Naval Districts and Shore Establishment-12th Naval District Airbases, Re Acquisition Files, Box No. 4 of 4, Accession No. NN373-91 (181-61-0096), Folder titled, "NA/Miscellaneous Air Facilities 9/45-12/58."
SB0108	09/24/1945	Letter regarding attached list of stations and change in status of aviation facilities.	Mitscher, M.A.	Chief of Naval Operations	National Archives and Records Administration, Pacific Sierra Region, San Bruno	RG 181, Records of Naval Districts and Shore Establishment-12th Naval District Airbases, Re Acquisition Files, Box No. 4 of 4, Accession No. NN373-91 (181-61-0096), Folder titled, "NA/Miscellaneous Air Facilities 9/45-12/58."
SB0109	11/21/1944	Memorandum containing summary of information on land acquisitions and Real Estate.	Stephans, Albert Lee	Not indicated	National Archives and Records Administration, Pacific Sierra Region, San Bruno	RG 181, Records of Naval Districts and Shore Establishment-12th Naval District Airbases, Re Acquisition Files, Box No. 4 of 4, Accession No. NN373-91 (181-61-0096), Folder titled, "NA/Miscellaneous Air Facilities 9/45-12/58."
SB0208	01/01/1901	Map of Bombing Target.	Not indicated	District Public Works, Twelfth Naval District	National Archives and Records Administration, Pacific Sierra Region, San Bruno	RG181, Records of Naval Districts and Shore Establishments, Public Works, 12 Naval District, Engineering Drawings of Airbase and Airstation Facilities, Accession No. NN373-91 (181-60-641)."Roll #3 (Maps)."
SB0212	11/23/1943	Property Acquisition Map of Bombing Target.	Not indicated	District Public Works, Twelfth Naval District	National Archives and Records Administration, Pacific Sierra Region, San Bruno	RG181, Records of Naval Districts and Shore Establishments, Public Works, Aerial Photos/A. Facilities and other Installations 1940's Twelfth Naval District, Accession No. NN373-91 (181-60-641)."Roll #2 (Maps)

APPENDIX 1

SOURCES CONTACTED

POINTS OF CONTACT FOR ANTIOCH BOMBING TARGET

FEDERAL FACILITIES

U. S. Army Corps of Engineers

Bill Mullery
Chief, DERP Section
1325 J Street
Sacramento, CA 95814
(916) 557-6944

Mr. Mullery was the Project Manager for these reports and provided TechLaw with technical direction and background information.

Beatrice Alger
District Librarian
1325 J Street
Sacramento, CA 95814
(916) 557-6658

Ms. Alger was contacted regarding all eleven sites. She has requested several books for TechLaw and is contacting other agencies for more information. Ms. Alger contacted the Army War College and was unable to obtain any relevant information. She did refer TechLaw to Louise at the Army War College Army Military History Center, the U.S. Army Center of Military History in Washington, D.C., Anna Punchack at the U.S. Army Corps of Engineers Office of History, and Dr. Paul Walker.

Mary Corrasa
Real Estate Specialist
1325 J Street
Sacramento, CA 95814
(916) 557-6839

Ms. Corrasa made all Defense Environmental Restoration Program (DERP) files available to TechLaw for review. A file relating to the Lake Chabot Machine Gun Range indicated that the DERP section believed the Lake Chabot site to be the same project as Nike Battery 31. TechLaw discovered that the Nike Battery 31 site was not in the same location as the Lake Chabot site. Ms. Corrasa was informed of this and provided with the appropriate documentation.

Mike Garrett
Team Lead
1325 J Street
Sacramento, CA 95814
(916) 557-6880

Mr. Garrett was asked for input regarding content and format for the real estate sections of the eleven Preliminary Assessment Reports. He provided input and suggested that TechLaw contact Lucy Ono for research into the USACE real estate files.

Clinton Huckins
OE Expert
Monterey Project Office
U.S. Army Corps of Engineers
(408) 394-1697

Mr. Huckins provided ordnance information relating to all eleven sites.

Lucille Ono
Realty Assistant
1325 J Street
Sacramento, CA 95814
(916) 557-5312
E-mail: lono@spk.usace.army.mil

Ms. Ono provided extensive documentation relating to the transactions that took place involving the Stockton Ordnance Depot. The documents are in two Volumes titled, "Sharpe Army Depot, Stockton Storage Activity." The Real Estate Division has no documents relating to the other ten sites. Ms. Ono also suggested that TechLaw contact Rick Nygren at the Navy Real Estate Office in San Bruno.

Engineering Field Activity West, Naval Facilities Engineering Command

Joanne Asterlind
Lead, Real Estate Specialty Support Team
Engineering Field Activity West
Naval Facilities Engineering Command
900 Commodore Drive
San Bruno, CA 94066
(650) 244-3821

Joanne Asterlind was contacted regarding real estate records relating to the eleven sites. She referred TechLaw to Mike Mahoney, also of Engineering Field Activity West. She also suggested that TechLaw make an inquiry to General Services Administration (GSA) in San Francisco.

Mike Mahoney
Real Estate
Engineering Field Activity West
Naval Facilities Engineering Command
900 Commodore Drive
San Bruno, CA 94066
(650) 244-3859,
Fax: (650) 244-3803

Mike Mahoney was contacted regarding real estate records relating to the eleven sites, but he stated that he had no pertinent information. Mr. Mahoney suggested that TechLaw contact GSA for disposal files.

Rick Nygren
Real Estate
Engineering Field Activity West
Naval Facilities Engineering Command
900 Commodore Drive
San Bruno, CA 94066
(650) 244-3822

Mr. Nygren was asked about real estate records in the possession of Naval Facilities Engineering Command that would pertain to the eleven sites. He stated that he is currently working with the BRAC program and that TechLaw should contact Joanne Asterlind at GSA.

General Services Administration

Carol Arnold
Supervisory Real Estate Specialist
General Services Administration
450 Golden Gate Avenue
San Francisco, CA 95104
(415) 522-3434
Fax: (415) 522-3213

Ms. Arnold was contacted regarding any disposal records GSA may have pertaining to the eleven sites. She stated that she has someone reviewing TechLaw's request. As of the date of this report, Ms. Arnold has not completed her investigation into this matter.

Teo Diaz
Relocation Specialist
General Services Administration
450 Golden Gate Avenue
San Francisco, CA 94104
(415) 522-3271

Based on information obtained from Jane Barker of USACE Real Estate, Mr. Diaz was contacted concerning disposal of property for the eleven sites of concern. Mr. Diaz referred TechLaw to Carol Arnold and Clark Van Epps at GSA.

Ken Polson
450 Golden Gate Avenue
San Francisco, CA 94104
(415) 522-3432

Mr. Polson stated that he would be checking GSA records for real estate information relating to

all eleven sites. He stated that he would contact TechLaw on February 8, 1999 with any relevant information. As of the date of this report, Mr. Polson has not responded.

Clark Van Epps
General Services Administration
450 Golden Gate Avenue
San Francisco, CA 94104
(415) 522-3420

TechLaw attempted to reach Mr. Epps until contact was made with Carol Arnold.

National Archives and Records Administration

Ms. Deborah Edge
Mr. Barry Zerby
Archivists
8601 Adelphi Road
College Park, MD 27040
(301) 713-6800

TechLaw visited the National Archives at College Park and reviewed finding aids for Record Group Nos. 71, 72, 74, 92, 156, 181, and 143 as well as finding aids in the Textual Reference Branch. TechLaw reviewed the Navy Filing Manual and selected filing designation Nos. A21, A21-1, F41-6, F41-10, and P11-1(10) to search for in correspondence files. Copies were made from Record Group Nos. 77 and 156 of the available Stockton Ordnance Depot Histories I through XI, as well as four maps of the facility.

William Greene
Kathleen O'Connor
Pacific Sierra Region
1000 Commodore Drive
Pacific Center (SF) (NRHS)
San Bruno, CA 94066-2350
(650) 876-9018
E-mail: william.greene@sanbruno.nara.gov

TechLaw spoke with Mr. Greene and Ms. O'Connor on several occasions and visited the Archives to review documents. Record Group Nos. 121, 181, 269, 270, 291, and 338 were reviewed. All relevant information was copied.

U. S. Army War College

Louise (last name not provided)
Reference Librarian
Carlisle Barracks
Military History Institute

122 Forbes Avenue
Carlisle, PA 17013
(717) 245-4354
E-mail: <http://carlisle-www.army.mil>

TechLaw requested information regarding the loan of a report titled "History of the Western Defense Command," circa 1945, which contains the status of west coast training areas. Louise stated that the report consists of eight volumes; however only volumes 1 through 5 may be borrowed. She also stated that the majority of the information they have pertains to large bases and not the smaller target areas.

STATE FACILITIES

California Department of Parks and Recreation

Jay Galloway
Ranger, Sacramento District
Sacramento, CA
(916) 445-3033

Mr. Galloway provided access information for the Antioch site and referred TechLaw to Dutra Dredging Company and the Dutra Museum in Rio Vista. He also suggested contacting Randy Riblet at Brannon Island, Department of Parks and Recreation.

Stu Macy
Ranger
Sacramento, CA
(916) 777-7702

Mr. Macy did not have any information regarding the Antioch Bombing Target. He suggested that TechLaw contact Concord Station for information.

John Pelonio
Ranger, Brannon Island District
17645 State Highway 160
Rio Vista, CA 94571
(916) 777-7701

Mr. Pelonio stated that the Sacramento District of the Department of Parks and Recreation would probably have historical information relating to the Antioch site. He recommended speaking with Jay Galloway.

Randy Riblet
Ranger
Brannon Island
Rio Vista, CA
(916) 777-7705

TechLaw contacted Mr. Riblet to arrange a site visit to the Antioch Bombing Target.

Contra Costa County Assessor's Office

Clerk
834 Court Street
Martinez, CA 94553
(925) 313-7400

TechLaw visited the Contra Costa County Assessor's office on December 28, 1999 to obtain copies of index and parcel maps and to obtain names of current owners for the Antioch Bombing Target.

Contra Costa County Recorder's Office

Clerk
826 Main Street
Martinez, CA 94553
(925) 646-2516

TechLaw visited the Contra Costa County Recorder's Office on December 28, 1999 to obtain copies of Deeds for the Antioch Bombing Target. All relevant documents were copied.

Antioch Library

Librarian
501 W. 18th Street
Antioch, CA 94509
(925) 757-9224

A message was left requesting historical regarding the Antioch Bombing Target, but as of the date of this report, the call has not been returned.

Bancroft Library, UC Berkeley

Iris Donovan
Assistant Stack Manager
University of California
Berkeley, CA 94720
(510) 642-6481

TechLaw called requesting historical information relating to all eleven sites and was told to check the UC Library web site. No relevant material was located on the web site.

California State Library

Gary Kurutz
Librarian
914 Capitol Mall
Sacramento, CA 95814
(916) 654-0101

TechLaw requested information regarding all eleven sites. Mr. Kurutz had no relevant information, but he suggested that TechLaw contact Herb Garcia and John Langelere.

Clayton Historical Society

Connie Rehr
Curator
6101 Main Street
Clayton, CA 94517
(510) 672-0240
E-mail: Lmandelbau@classic.msn.com

TechLaw contacted Ms. Rehr by e-mail requesting information relating to the Antioch Bombing Target. As of the date of this report, Ms. Rehr has not responded.

Contra Costa County History Center

Betty Maffei
Director
1700 Oak Park Boulevard-CS
Pleasant Hill, CA 94523
(510) 939-9180

TechLaw left a message for Ms. Maffei requesting information relating to the Antioch Bombing Target. As of the date of this report, Ms. Maffei has not responded.

Oakland Public Library

William Sturm
Librarian-California Room
125 14th Street
Oakland, CA 94612
(510) 238-3222

TechLaw contacted Mr. Sturm for information relating to the Antioch, Lake Chabot, and Livermore sites. He stated that he has no relevant information.

PRIVATE INDIVIDUALS AND MISCELLANEOUS ORGANIZATIONS

Herb Garcia
(415) 957-1849

Mr. Garcia was contacted for information relating to all eleven sites, but he had no relevant information.

APPENDIX 2

ARCHIVE SEARCH RESULTS

ARCHIVE SEARCH RESULTS

PACIFIC SIERRA NATIONAL ARCHIVES, SAN BRUNO, CALIFORNIA

Record Group 121: Public Buildings Service

Box No. 1, Real Property Disposal Project Files, 1947-1957, Accession No. 9NSS-121-85-007

Folder titled: *B-Calif.-423-A A.E.C. Residences and Garage, Livermore, Calif.*

No relevant information.

Box No. 2, San Francisco Regional Office, Real Disposal Project Files, 1947-1957, Accession No. 9NNSS-121-85-007

Folder titled: *Arcata NAAS, Ca. (1)*

No relevant information.

Folder titled: *Arcata NAAS, Ca. (2)*

No relevant information.

Folder titled: *Arcata NAAS, Ca. (3)*

No relevant information.

Box No. 4, San Francisco Regional Office, Real Property, Disposal Project Files, 1945-1953, Accession No. 9NSS-121-85-009

Folder titled: *Calif.-423 Naval Air Station, Livermore, Calif. Transferred AEC*

Folder contains a map of Naval Air Station. Relevant information was copied.

Box No. 4, San Francisco Regional Office, Real Property Disposal Project Files 1945- 1953, Accession No. 9NSS-121-86-001

Folder titled: *Livermore Auxiliary Landing Field, Livermore, CA N-Calif-444*

Folder contains property information and a map. Relevant information was copied.

Folder titled: *Livermore Auxiliary Landing Field, General through Final Disposition Calif-444 1 of 2*

Folder contains letters regarding property. Relevant information was copied.

Folder titled: *Livermore Auxiliary Landing Field, Livermore, CA N-Calif-444*

Folder contains a map of additional land. Relevant information was copied.

Box No. 5, San Francisco Regional Office, Real Property, Disposal Project Files, 1945-1953, Accession No. 9NSS-121-86-001

Folder titled: *General through Final Disposition, Livermore, 2 of 2*

Folder contains letters regarding title and lease information. Relevant information was copied.

Record Group 181: Naval Districts and Shore Establishments

Box No.1, 12th Naval District Airbases, Re Acquisition Files, Accession No. NN373-91 (181-61-0096)

Folder titled: *Targets, Training Aids, Outlying Fields General*

Draft Preliminary Assessment

- Folder contains allocation and deactivation information and a map of gunnery areas.
Relevant information was copied.
- Folder titled: *Targets, Training Aids, Outlying Fields General*
Folder contains letters regarding target areas and bombing and gunnery ranges and leases.
Relevant information was copied.
- Folder titled: *Tomales and Point Reyes*
Folder contains letters regarding target areas. Relevant information was copied.
- Folder titled: *Targets Training Aids, Vernalis*
Folder contains bombing target and acquisition of land information. Relevant information was copied.
- Box No. 1, 12th Naval District Airbases, Re Acquisition Files, Accession No. NN373-91
- Folder titled: *Drakes Bay*
No relevant information.
- Folder titled: *Knoxville, Ca. Targets and Training Aid*
No relevant information.
- Folder titled: *Targets, Training Aid, Santa Rosa*
No relevant information.
- Folder titled: *Targets, Training Aid, Moffett Field*
No relevant information.
- Folder titled: *Saline Valley*
No relevant information.
- Folder titled: *Targets, Training Aids, Farallon Island*
No relevant information.
- Box No. 1, 12th Naval District, Commandant's Office, San Francisco, Command Histories, 1921-1965, Accession No. 181-97-006
- Folder titled: *Schools and Training Activities, 1942-1947, Disestablished Activities*
No relevant information.
- Box No. 1, 12th Naval District, Commandant's Office, San Francisco, Command Histories, 1921-1965, Accession No. NN373-91 (181-61-0076)
- Folder titled: *Targets and Training Aid, Winters, Ca.*
No relevant information.
- Box No. 1, 12th Naval District, Commandant's Office, San Francisco, Command Histories, 1921-1965, Accession No. NN373-91 (181-61-0096)
- Folder titled: *Arcata*
No relevant information.
- Folder titled: *Acquisition of Lands, Arcata, December 1942-January 31, 1950*
No relevant information.
- Folder titled: *Acquisition of Lands, Fallon, January 1949*
No relevant information.
- Folder titled: *Acquisition of Lands, Fallon*
No relevant information.
- Folder titled: *Acquisition of Lands, Fallon, January through April 1947*
No relevant information.

Draft Preliminary Assessment

Folder titled: *Fallon, January 1943 - December 1946*

No relevant information.

Box No. 1, Accession No. 181-77-006

Folder titled: *Airstation Livermore, Ca.*

Folder contains establishment, designation, status change, and disestablishment of Naval Air Station, Livermore, California and several other U.S. Naval Activities. Relevant information was copied.

Box No. 1, Accession No. 181-97-006

Folder titled: *Auxiliary Air Station, Vernalis*

Folder contains commissioning information of Auxiliary Air Station, Vernalis and a list of disestablished stations and effective dates. Relevant information was copied.

Box No. 1, Accession No. 181-77-043

Folder titled: *Volume 3*

Folder contains an organization chart. Relevant information was copied.

Box No. 1, U.S. Naval Administration World War II, 12th Naval District 1939-1945 (Former Classified) 12 Naval District Command Office, Accession No. 9S-181-94-26 FRC 181-97-043

Folder titled: *Volume III*

Folder contains First Draft Narrative and chart of distances from NAS Alameda to outlying activities. Relevant information was copied.

Box No. 2, Accession No. NN373-91 (181-61-0096)

Folder titled: *NI-13 (2) Acquisitions of Lands Mendocino County Airport, near Little River, Ca Sept 1944 through*

Folder contains requests for action taken at Naval activities within the Twelfth Naval District that occupy leased space. Relevant information was copied.

Box No. 2, Public Works

Folder titled: *Oakland January 1942 to December 1946*

Folder contains lease information, custody information, disposition of material, and notification of inactive status. Relevant information was copied.

Folder titled: *Monterey February 1942 to June 1946*

Folder contains gunnery range information. Relevant information was copied.

Folder titled: *Oakland, January 1942 to December 1946*

Folder contains leasehold information. Relevant information was copied.

Box No. 2, 12th Naval District, Commandant's Office, San Francisco, Command Histories, 1924-1965, Accession No. 181-97-006

Folder titled: *Stockton Annex, U.S. Naval Supply Center, Oakland*

No relevant information.

Box No. 2, Accession No. NN373-91 (181-61-0096)

Folder titled: *Acquisition of Lands, Moffett Field, July 1943 through December 1946*

No relevant information.

Folder titled: *San Francisco February 1944 through*

No relevant information.

Folder titled: *Acquisition of Lands, Oakland, January 1944 through*

No relevant information.

Folder titled: *Monterey 1946 through*

No relevant information.

Box No. 3, Accession No. NN373-91 (181-61-0096)

Folder titled: *Acquisition of Lands, Watsonville, July 1942 to December 1945*

Folder contains lease information for fiscal year 1946. Relevant information was copied.

Box No. 3, Twelfth Naval District Commandants Office San Francisco Command Histories 1924-1965, Accession No. 181-97-006

Folder titled: *A - O Years 1942-1942*

Folder contains disestablishment of activities information. Relevant information was copied.

Box No. 3, Public Works, Accession No. NN373-91 (181-61-0096)

Folder titled: *Lands and Leases (of General)*

Folder contains easement, lease, deed and personnel transfer information. Relevant information was copied.

Box No. 3, 12th Naval District, Alameda Naval Air Station, District Public Works Office, 12th Naval District Airbase Real Estate Acquisition Files, 1942-1958, Accession No. NN373-91 (181-61-0096)

Folder titled: *Acquisition of Land, Lovelock, April 1943*

No relevant information.

Folder titled: *Acquisition of Lands, Watsonville, January 1946*

No relevant information.

Folder titled: *Renewal of Leases, OLF*

No relevant information.

Folder titled: *Acquisition of Lands, Arcata, January 1951 - December 1955*

No relevant information.

Folder titled: *Fallon OLF, January 1956 - December 1957*

No relevant information.

Folder titled: *Acquisition of Lands, Fallon, January 1951 - December 1953*

No relevant information.

Folder titled: *Acquisition of Lands, Fallon, January 1954 - December 1955*

No relevant information.

Folder titled: *Moffett, January 1956 - December 1957*

No relevant information.

Folder titled: *Acquisition of Lands, Moffett*

No relevant information.

Folder titled: *Acquisition of Lands, January 1951 - December 1953, Moffett*

No relevant information.

Folder titled: *Monterey, January 1956 - December 1957*

No relevant information.

Folder titled: *Acquisition of Lands, Monterey, January 1951 - December 1955*

No relevant information.

Folder titled: *Oakland*

No relevant information.

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Folder titled: *Acquisition of Lands, Watsonville, January 1951 - December 1955*

No relevant information.

Box No. 3, 12th Naval District Commandant's Office, San Francisco, Command History, 1924-1965, Accession No. 181-97-006

Folder titled: *"A" through "O" Years 1942-1942*

No relevant information.

Box No. 3, Public Works, Accession No. NN373-91 (181-61-0096)

Folder titled: *Acquisition of Lands, Watsonville, July 1942 to December 1945*

Folder contains lease information and revised locations. Relevant information was copied.

Folder titled: *Lands and Leases (of General)*

Folder contains property information. Relevant information was copied.

Box No. 4, 12th Naval District Commandant's Office, San Francisco, Commandant's Histories, Accession No. NRHS-181-97-006,

Folder titled: *5400 12th Naval District, Principal Shore Establishment 1939-1943*

Folder contains a letter relating to NAS Livermore and Lake Chabot Machine Gun Range and maps of San Francisco Bay and the general vicinity of Naval Operating Base.

Relevant information was copied.

Box No. 4, Public Works, Accession No. NRHS-181-97-006

Folder titled: *5400 12th Naval District, Physical Properties, Facilities and Services, September 1949*

Folder contains the 12th Naval District Report on Physical Properties, Facilities and Services. Relevant information was copied.

Box No. 1 of 4, Accession No. 63-A-96,

Folder titled: *NA/Crows Landing Disposals December 1955 through December 1959*

Folder contains information relating to additional gunnery, bombing, and target sites.

Box No. 1 of 4, 12th Naval District, Alameda Naval Air Station District Public Works Office, Accession No. 63-A-96

Folder titled: *NA/Crows Landing, General, 1952 to 1956, Closed*

No relevant information.

Folder titled: *Closed, NA/Alameda, General, January 1958 to December 1959*

No relevant information.

Folder titled: *NA/Clear Lake - Seaplane Landing Facility*

No relevant information.

Folder titled: *NA/Crows Landing/Acquisition of Land to June 1957*

No relevant information.

Folder titled: *NA/Crows Landing, General, January to June 1959, Closed*

No relevant information.

Folder titled: *NA/Crows Landing, General, 1958*

No relevant information.

Folder titled: *NA/Crows Landing, General, 1957*

No relevant information.

Box No. 2 of 4, 12th Naval District, Alameda Naval Air Station, District Public Works Office, Accession No. 181-63-A-96

Draft Preliminary Assessment

Folder titled: *NA/Crows Landing/Disposal, January through March 1960*

No relevant information.

Folder titled: *NA/Crows Landing/Leases and Permits From October 1951 - December 1955*

No relevant information.

Folder titled: *NA/Crows Landing/PG&E, Noy (R) 47355*

No relevant information.

Folder titled: *Untitled*

No relevant information.

Box No. 4 of 4, 12th Naval District Airbases, Re Acquisition Files, Accession No. NN373-91 (181-61-0096)

Folder titled: *NA/Miscellaneous Air Facilities 9/45-12/58*

Folder contains letters relating to gunnery range and target areas, rocket ranges, and boat facilities. Relevant information was copied.

Box No. 4 of 4 (028403), 12th Naval District Alameda Naval Air Station, District Public Works Office, Accession No. 181-63-A-96

Folder titled: *AA/Fallon/WTA Range, Closed from January 1958 to August 1958*

No relevant information.

Folder titled: *AA/Fallon/WTA(T) Sawwave - Black Rock Desert (Targets, Misc.)*

No relevant information.

Folder titled: *NA/Crows Landing/Rose Condemnation*

No relevant information.

Folder titled: *NA/F/WTA(R) January 1959 to December 1959*

No relevant information.

Folder titled: *NA/Fallon/WTA(R) January 1958 to December 1958*

No relevant information.

Folder titled: *NA/Miscellaneous Air Facilities, September 1945 to December 1958*

No relevant information.

Folder titled: *NA/Fallon/WTA(T) Weapon Training Target No. 21*

No relevant information.

12th Naval District, Commander Naval Airbase, Accession No. 181-58-3316

Folder titled: *A-12 Histories*

Folder contains a report regarding historical development. Relevant information was copied.

Box No. V 4366, Commander NAB, Twelfth Naval District, Accession No. 181-58-3316,

Folder titled: *A1, Plans, Projects, and Developments*

Folder contains mobilization information. Relevant information was copied.

Box No. V 4366, Commander NAB, Twelfth Naval District, Accession No. 181-58-3316,

Folder titled: *A16, Mobilization*

Folder contains mobilization information. Relevant information was copied.

Box No. Compartment 3166, Public Works, Aerial Photos/A. Facilities and other Installations 1940's Twelfth Naval District, Accession No. 9NS-97-360

Aerial photographs. Relevant information was copied.

Roll No. 1, 12 Naval District, Engineering Drawings of Airbase and Airstation Facilities, Accession No. NN373-91 (181-60-641)

Consists of maps. Relevant information was copied.

Roll No. 2, Aerial Photos/A. Facilities and other Installations 1940's Twelfth Naval District, Accession No. NN373-91 (181-60-641)

Consists of maps. Relevant information was copied.

Roll No. 2, 12 Naval District, Engineering Drawings of Airbase and Airstation Facilities, Accession No. NN373-91 (181-60-641)

Consist of maps. Relevant information was copied.

Roll No. 3, 12 Naval District, Engineering Drawings of Airbase and Airstation Facilities, Accession No. NN373-91 (181-60-641)

Consists of maps. Relevant information was copied.

Roll No. 4, 12 Naval District, Engineering Drawings of Airbase and Airstation Facilities, Accession No. NN373-91 (181-60-641)

Consists of maps. Relevant information was copied.

Roll No. 5, 12 Naval District, Engineering Drawings of Airbase and Airstation Facilities, Accession No. NN373-91 (181-60-641)

Consists of maps. Relevant information was copied.

Roll No. 6, 12 Naval District, Engineering Drawings of Airbase and Airstation Facilities, Accession No. NN373-91 (181-60-641)

No relevant information.

Roll No. 7, 12 Naval District, Engineering Drawings of Airbase and Airstation Facilities, Accession No. NN373-91 (181-60-641)

Consists of maps. Relevant information was copied.

Roll No. 7, NAS Alameda, Accession No. 181-60-641

Consists of maps. Relevant information was copied.

Record Group 269: General Records of the General Services Administration

Box No. 1, Region 9, San Francisco Office of Regional Counsel, Real Property Disposal Case Records (Legal Files) 1942-1962, Accession No. 9NSS-269-85A-002

Folder titled: *NAAS Arcata, Ca.*

No relevant information.

Record Group 270: Records of the War Assets Administration

Box No. 7, Office of Real Property, Real Property Disposal Case Files 1946-1949, Compartment No. 3274

Folder titled: *Arcata NAAS, Del Norte County Airport, Ca. (3)*

No relevant information.

Folder titled: *Arcata NAAS, Del Norte County Airport, Ca. (6)*

No relevant information.

Folder titled: *Arcata NAAS, Del Norte County Airport, Ca. (4)*

No relevant information.

Folder titled: *Arcata NAAS, Del Norte County Airport, Ca. (5)*

No relevant information.

Folder titled: *Arcata NAAS, Del Norte County Airport, Ca., SPB-5*

No relevant information.

Folder titled: *Arcata NAAS, Del Norte County Airport, Ca., SPB-5(2)*

No relevant information.

Folder titled: *Arcata NAAS, Del Norte County Airport, Ca.*

No relevant information.

Folder titled: *Arcata NAAS, Del Norte County Airport, Ca.*

No relevant information.

Record Group 291: Records of the Federal Property Resources Service

Box No. 17, Region 9, San Francisco, Real Property Disposal Project Files 1961-1964, Accession No. 9NSS-121-90-002

Folder titled: *Untitled*

No relevant information.

Box No. 18, Region 9, San Francisco, Real Property Disposal Project Files 1961-1964, Accession No. 9NSS-121-90-002

Folder titled: *Former Naval OLF Santa Rosa Requests for Bids*

No relevant information.

Folder titled: *Portion, Former Naval OLF Santa Rosa, Report of Excess*

No relevant information.

Folder titled: *Former OLF, NAAS Santa Rosa, Extra Copies of Quitclaim Deeds*

No relevant information.

Folder titled: *Portion of Former OLF, NAAS Santa Rosa*

No relevant information.

Folder titled: *Correspondence and Documents*

No relevant information.

Folder titled: *Portion of Former OLF Santa Rosa Appraisal Report and Maps*

No relevant information.

Folder titled: *Correspondence and Documents (3 of 3)*

No relevant information.

Folder titled: *Appraisal Report and Maps*

No relevant information.

Folder titled: *Navy Outlying Field, Santa Rosa*

No relevant information.

Box No. 19, Region 9, San Francisco, Real Property Disposal Project Files 1961-1964, Accession No. 9NSS-121-90-002

Folder titled: *Naval Reserve Training Facility, Report of Excess, Santa Rosa, Ca.*

No relevant information.

Box No. 28, Region 9, San Francisco, Real Property Disposal Project Files 1961-1964, Accession No. 9NSS-121-90-002

Folder titled: *N-Calif.-682A US Naval Auxiliary Air Station, Vernalis Ca File 1 of 2*

Correspondence and Documents

Folder contains letters relating to leases, sale, and disposition of property. Relevant information was copied.

Draft Preliminary Assessment

Folder titled: *Report of Excess 2 of 2*

Folder contains lease and property information and maps. Relevant information was copied.

Box No. 28, Region 9, Regional Office, San Francisco, CA, Real Property Disposal Case Files 1961-1964, Accession No. 121-90-002

Folder titled: *N-Calif.-682A, U.S. Naval Auxiliary Air Station, Vernalis, CA Report of Excess, 1 of 2*

Folder contains excess land information. Relevant information was copied.

Folder titled: *N-Calif.-682A, U.S. Naval Auxiliary Air Station, Vernalis, CA Correspondence and Documents File 1 of 2*

Folder contains a property map. Relevant information was copied.

Folder titled: *Correspondence (2 of 2)*

No relevant information.

Folder titled: *Appraisal Report and Maps 1 of 2 and 2 of 2*

No relevant information.

Box No. 29, Region 9 San Francisco, Real Property Disposal Project Files 1961-1964, Accession No. 9NSS-121-90-002

Folder titled: *N-Calif.-682A U.S. Naval Auxiliary Air Station, Vernalis, Ca., Appraisal Report 1 of 3*

No relevant information.

Folder titled: *N-Calif-682A US Naval Auxiliary Air Station Correspondence (File 2 of 2) 1 of 3*

Folder contains property disposal information, deeds, easements, licenses, and insurance. Relevant information was copied.

Folder titled: *Appraisal Report 2 of 3 and 3 of 3*

Folder contains an appraisal for Former Naval Auxiliary Air Station. Relevant information was copied.

Folder titled: *N-Calif.-682A US Naval Auxiliary Air Station, Vernalis Ca Report of Excess 1 of 2*

Folder contains property reports and documents and maps. Relevant information was copied.

Folder titled: *N-Calif.-682A USNAAS Vernalis-Maps*

Folder contains a map of proposed acquisition of a medical facility. Relevant information was copied.

Box No. 30, Region 9 San Francisco, Real Property Disposal Project Files 1961-1964, Accession No. 9NSS-121-90-002

Folder titled: *N-Calif.-682A USNAAS Vernalis Sealed Bid File*

No relevant information.

Folder titled: *N-Calif.-682A USNAAS Vernalis Miscellaneous - Unfolded*

No relevant information.

Folder titled: *N-Calif.-682A USNAAS Vernalis Advertising*

No relevant information.

Folder titled: *N-Calif.-682A USNAAS Vernalis Requests for Bids, 1 of 2.*

No relevant information.

Folder titled: *N-Calif.-682A USNAAS Vernalis Requests for Bids, 2 of 2.*

No relevant information.

Folder titled: *N-Calif.-682A USNAAS Vernalis Sealed Bid File.*

No relevant information.

Record Group 338: Records of U.S. Army Commands

Box No. 1, San Francisco Procurement Agency, Installation Historical Files, 1923-1972,

Accession No. 9NSS-338-95-002

No relevant information.

**NATIONAL ARCHIVES AND RECORDS ADMINISTRATION
COLLEGE PARK MILITARY REFERENCE BRANCH**

Note: Boxes containing relevant information are listed in italics.

**Record Group 71: Records of the Bureau of Yards and Docks
Entry 1001, Naval Property Case Files, 1941 - 1958**

- Box 29 - Alameda, CA
- Box 30 - Alameda, CA
- Box 31 - Alameda, CA
- Box 32 - Alameda, CA
- Box 33 - Alameda, CA*
- Box 34 - Alameda, CA
- Box 35 - Alameda, CA
- Box 36 - Alameda, CA
- Box 40 - Alameda, CA
- Box 61 - El Toro through Hunters Point, CA
- Box 62 - Hunters Point through Klamath Falls, CA
- Box 63 - Lake Tahoe through Long Beach, CA
- Box 96 - Oakland through Pleasanton, CA
- Box 164 - Treasure Island through Yerba Buena Island, CA
- Box 161 - Santa Cruz through Sunnyvale, CA
- Box 1513 - Miscellaneous Disposal files
- Box 1514 - Miscellaneous Disposal files
- Box 1515 - Miscellaneous Disposal files
- Box 1516 - Miscellaneous Disposal files
- Box 1517 - Miscellaneous Disposal files
- Box 1518 - Miscellaneous Disposal files
- Box 1519 - Miscellaneous Disposal files
- Box 1520 - Miscellaneous Disposal files
- Box 1521 - Miscellaneous Disposal files
- Box 1522 - Miscellaneous Disposal files

No Entry Number, Unprocessed Naval Property Case Files

- Box 16 - Declaration of Surplus Real Property, Lease Renewals for 11th and 12th
Naval Districts, 1946*

Entry 32, Navy Land Acquisition Report of the Real Estate Division, July 1, 1940 - December 31, 1943

Box 1 of 1 - List of total acreage acquired by the Navy

Entry 74A, Plans and Charts of Harbors, Naval Bases, and Airfields, 1938-1954

- Box 1 - Polloc Harbor, Philippine Islands, to Dapitan, Philippine Islands
- Box 2 - Masbate Harbor, Philippine Islands, to La Pallice, France
- Box 3 - Casablanca to Pusan, Korea
- Box 4 - Iliuliuk Base, Dutch Harbor, Alaska
- Box 5 - Habbakkuk,
- Box 6 - Miscellaneous Bases, including Iceland

Record Group 72: Records of the Bureau of Aeronautics

Entry 218, Records Relating to Inactive Air Stations (Real Estate Files) 1943-59

Box 2 - California

Record Group 74: Records of the Bureau of Ordnance

Entry 1001, General Correspondence

- Box 7 - (1943) Monthly Status of BUORD thru BB/S13
- Box 8 - (1943) EF3/A8-3 thru NT1-1/P16
- Box 10 - (1944) AK/S1 thru NT-17/S70
- Box 11 - (1944) NT-1-10/S78 thru S78-1 (55-8)
- Box 13 - (1945) A13-1 (2) thru LL

No Entry Number, General Correspondence, Restricted 1942

- Box 66 - A21-1/A3, Oct. 17 to A21-1/A3, Aug. 21
- Box 85 - F41-10(13)/NOS60675 to H4-9, Dec. 31
- Box 193 - P8, May 1 to P11-2, Dec. 31

No Entry Number, General Correspondence, Confidential 1942

- Box 74 - A16-5 to A21-1/A3
- Box 86 - F41-6 (21) to F41-8
- Box 89 - F41-8(12) to H1-2
- Box 104 - P11-1/S71 to P14-2

Entry 1004, Office of Administration Material Survey and Purchase Orders

- Box 1 - 1945 AD thru BB/S13
- Box 2 - 1945 BB/S78 thru DE
- Box 3 - 1945 DE/L11 thru PCS/L11
- Box 4 - 1945 PF/L11 thru YMS/S78
- Box 1 - 1946 A6-6 thru A6-6
- Box 1A - 1946 BB40 thru QS1/S78

Record Group 92: Records Of The Quartermaster General

No Entry Number, General Correspondence Geographic File 1936-45

- Box 594 - 600.912 Staunton Nat'l Cem thru 619.3 Stockbridge, Mass
- Box 595 - 319.1 Stockton, CA thru 319.1 Stockton Quartermaster
- Box 5 - 319.1 Stockton, CA thru 333.1 Stockton, CA
- Box 597 - 333.1 Stockton, CA thru 333.1 Stockton, CA
- Box 598 - 333.1 Stockton, CA thru 635 Stockton, CA
- Box 599 - 635 Stockton, CA thru 424 Stone River Nat'l Mil Park

Record Group 156: Office of the Chief of Ordnance

Entry 646, Post WWI Divisions, Services and Other Units, Executive Division, Historical Branch, Histories of Ordnance Installations and Activities, 1940-1945

- Box A421 - Stockton Ordnance Depot, volumes 1 - 6
 - Folder: Stockton Ordnance Depot, vol. I (original) Basic History through December 1942*
 - Folder: Stockton Ordnance Depot, vol. II (original) History through March 1943*
 - Folder: Stockton Ordnance Depot, vol. III (original) History through June 1943*
 - Folder: Stockton Ordnance Depot, vol. IV and V (original) July 1943 through December 1943*
 - Folder: Stockton Ordnance Depot, vol. VI (original) 1 January through 30 September 1944*
- Box A422 - Stockton Ordnance Depot, volumes 9 - 11, 100
 - Folder: Stockton Ordnance Depot, vol. IX (original) History October through December 1944*
 - Folder: Stockton Ordnance Depot, vol. X (original) History January through March 1945*
 - Folder: Stockton Ordnance Depot, vol. XI (original) History April through June 1945*
 - Folder: Stockton Ordnance Depot, vol. 100 (original) Automotive School Course*
- Box 423 - Stockton Ordnance Depot, vols. 101, 104-105
 - Folder: Stockton Ordnance Depot, vol. 101 (original) 9th Corps Area M.T. School*
 - Folder: Stockton Ordnance Depot, vol. 104 (original) Completion Report*
 - Folder: Stockton Ordnance Depot, vol. 105 (original) Ordnance Automotive School*

Record Group 77: Records of the Chief of Engineers, Real Estate Division

Maps of Stockton, CA

Drainage Ditch Easement

Relocation of Transmission Line Across Stockton Ordnance Base

Stockton Plot Plan

Survey Map

**NATIONAL ARCHIVES AND RECORDS ADMINISTRATION
WASHINGTON, D.C.**

Records examined at the Old Military Civil Records Office:

Construction Completion report for the Stockton Quartermaster Depot

No relevant information.

Navy Filing Manual

No relevant information.

Subject matter index for the General Correspondence of the Secretary of the Navy

No relevant information.

NAVAL AVIATION HISTORY OFFICE

Records examined:

Box titled, "World War II"

No relevant information.

File regarding NAS Livermore.

No relevant information.

File regarding NAS Oakland.

No relevant information.

File regarding NAAS Santa Rosa.

No relevant information.

File regarding NAAS Vernalis.

Relevant information was copied.

APPENDIX 3

PHOTOGRAPHS FROM THE SITE VISIT



1 - View of housing on Bethel Island North of Frank's Tract.



2 - South end of Frank's Tract looking south.



3 - South end of Frank's Tract looking west at housing on Bethel Island.



4 - South end of Frank's Tract looking North.



5 - Sugar Barge Restaurant on Bethel Island.



6 - Island North of Frank's Tract.



7 - View looking North of Frank's Tract.

APPENDIX 4

CONFIRMATION NOTICES

CONFIRMATION NOTICE

Date	10/20/1998	Time	8:00 a.m.	Type of Communication	Visit
TechLaw Staff	Steve Clonts, Betty Henkle, Amy Romero, Cheryl Mahoney, Sarah Howe			Site	Antioch Bombing Target Gualala Bombing Target Gustine Bombing Target Jenner Bombing Target Lake Chabot Machine Gun
Contact Name	Bill Green			Phone	
Title	Archivist			(916) 876-9018	
Organization	Pacific Sierra National Archives				
Address	1000 Commodor Drive				
City, State, Zip	San Bruno, CA 94066-2350				

Summary

TechLaw staff visited the National Archives during a three day period to look through documentation pulled by Mr. Green pursuant to a request to view any files they had concerning all eleven sites. On October 20, Steve Clonts, Betty Henkle, and Amy Romero arrived at the archives and began the process of going through the boxes of material. On October 21 and 22, Steve Clonts, Cheryl Mahoney, and Sarah Howe spent time looking through more boxes and large map rolls. There was information for most of the sites, with the exception of Gualala, Stockton Ordnance Depot, and Livermore.

If the budget allows another trip to the Archives, TechLaw will look through additional boxes. TechLaw has learned since going to the Archives that Stewarts Point is actually Gualala, therefore any information concerning that area will be pursued.

Other Leads

CONFIRMATION NOTICE

Date	11/16/1998	Time	08:00	Type of Communication	Visit
TechLaw Staff	Dennis Coryell, Curt Tucker			Site	Antioch Bombing Target Gualala Bombing Target Gustine Bombing Target Jenner Bombing Target Lake Chabot Machine Gun
Contact Name	Ms. Deborah Edge/Mr. Barry Zerby			Phone	
Title	Archivist			(301) 713-6800	
Organization	National Archives and Records Administration				
Address	8601 Adelphi Road				
City, State, Zip	College Park, MD 27040				

Summary

TechLaw visited the National Archives and Records Administration facility at College Park, Maryland (NARA-College Park) and reviewed finding aids in the Textual Reference Branch, Room 2400. TechLaw conferred with Ms. Deborah Edge and Mr. Barry Zerby and reviewed finding aids for the following Record Groups (RGs):

- RG 71 Records of the Bureau of Yards and Docks (Navy)
- RG 72 Records of the Bureau of Aeronautics (Navy)
- RG 74 Records of the Bureau of Ordnance (Navy)
- RG 80 Records of the Department of the Navy 1798-1947
- RG 92 Records of the Quartermaster General
- RG 156 Records of the Chief of Ordnance
- RG 181 Records of Naval Districts and Shore Establishments
- RG 143 Records of the Bureau of Supplies and Accounts (Navy)

TechLaw also reviewed the Navy Filing Manual and selected the following filing designations to search for in correspondence files:

- A21 Aviation
- A21-1 Naval
- A21-2 Marine Corps Air Service
- F41-6 Aircraft Bombs
- F41-10 Training and target practice material (ordnance)
- P11-1(10) Training of Personnel-Qualifications in Flying Aircraft

Other Leads

CONFIRMATION NOTICE

Date	11/24/1998	Time	9:30	Type of Communication	Visit
TechLaw Staff	Steve Clonts			Site	Antioch Bombing Target Gualala Bombing Target Gustine Bombing Target Jenner Bombing Target Lake Chabot Machine Gun
Contact Name	Mike Garrett				
Title	Team Lead				
Organization	USACE, Sacramento District, Real Estate Division			Phone	
Address	1325 J Street				
City, State, Zip	Sacramento, CA 95814				

Summary

Mr. Garrett was asked about his preferences on content and format of the real estate sections in our Preliminary Assessment Reports. He stated that he needs only a few pieces of information for his purposes. He needs to know who the U.S. acquired each property from, when we acquired it, what we used it for, who we transferred it to, and when we transferred it. He had no input as to format. He suggested Lucy Ono for research into the USACE real estate files.

Other Leads

1. Contact Lucy Ono, Real Estate: (916) 557-5312. Done

CONFIRMATION NOTICE

Date	11/25/1998	Time	10:00	Type of Communication	Visit
TechLaw Staff	Steve Clonts			Site	Antioch Bombing Target Gualala Bombing Target Gustine Bombing Target Jenner Bombing Target Lake Chabot Machine Gun
Contact Name	Mary Corrasa				
Title	Real Estate Specialist				
Organization	USACE, Sacramento District				
Address	1325 J Street			Phone	(916) 557-6839
City, State, Zip	Sacramento, CA 95814				

Summary Ms. Corrasa made available all DERPs files for review. A file on the Lake Chabot Machine Gun Range indicated that the DERP section believed the Lake Chabot site to be the same project as Nike Battery 31. The file stated that Nike Battery 31 was completed. There was no reference to Lake Chabot Machine Gun Range in the Nike Battery 31 file.

Other Leads

CONFIRMATION NOTICE

Date	11/30/1998	Time	1:38	Type of Communication	Email
TechLaw Staff	Steve Clonts			Site	Antioch Bombing Target Gualala Bombing Target Gustine Bombing Target Jenner Bombing Target Lake Chabot Machine Gun
Contact Name	Lucille Ono			Phone	(916) 557-5312, Email LOno@spk.usace.army.mil
Title	Realty Assistant				
Organization	USACE, Sacramento District				
Address	1325 J Street				
City, State, Zip	Sacramento, CA 95814				

Summary

TechLaw asked for a meeting with Ms. Ono regarding the real estate records held by USACE, Sacramento.

Other Leads

CONFIRMATION NOTICE

Date	12/02/1998	Time	9:30	Type of Communication	Phone Call
TechLaw Staff	Steve Clonts			Site	Antioch Bombing Target Gualala Bombing Target Gustine Bombing Target Jenner Bombing Target Lake Chabot Machine Gun
Contact Name	Lucille Ono			Phone	
Title	Realty Assistant			(916) 557-5312, Email	
Organization	USACE, Sacramento District			LOno@spk.usace.army.mil	
Address	1325 J Street				
City, State, Zip	Sacramento, CA 95814				

Summary Ms. Ono was contacted via telephone because there had been no response to previous Email. Ms. Ono stated that she was very busy working with Jane Barker and that they would not be available to discuss the sites until 12/03/1998 at 1:00.

Other Leads

CONFIRMATION NOTICE

Date	12/03/1998	Time	1:00	Type of Communication	Visit
TechLaw Staff	Steve Clonts			Site	Antioch Bombing Target Gualala Bombing Target Gustine Bombing Target Jenner Bombing Target Lake Chabot Machine Gun
Contact Name	Lucille Ono				
Title	Realty Assistant			Phone	(916) 557-5312, Email LOno@spk.usace.army.mil
Organization	USACE, Sacramento District				
Address	1325 J Street				
City, State, Zip	Sacramento, CA 95814				

Summary

Ms. Ono provided extensive documentation relating to the real estate transactions that took place involving the Stockton Ordnance Depot. They are in two Volumes entitled, "Sharpe Army Depot, Stockton Storage Activity." The Real Estate Division has no documents relating to the other ten sites. Ms. Ono also provided the name and telephone number of a contact at the Navy Real Estate Office in San Bruno, CA.

Other Leads

1. Contact Rick Nygren, Navy Real Estate Office, San Bruno, CA: (650) 244-3822. Done.

CONFIRMATION NOTICE

Date	12/04/1998	Time	1:45	Type of Communication	Phone Call
TechLaw Staff	Steve Clonts			Site	Antioch Bombing Target Gualala Bombing Target Gustine Bombing Target Jenner Bombing Target Lake Chabot Machine Gun
Contact Name	Rick Nygren			Phone	
Title	Real Estate Specialist				
Organization	Engineering Field Activity West, Naval Facilities Engineering Command				(650) 244-3822
Address	900 Commodore Drive				
City, State, Zip	San Bruno, CA 94066				

Summary

Mr. Nygren was asked about any real estate records that they may have in their possession. Mr. Nygren stated he is currently working with the BRAC program. He suggested the contacting Joanne Alsterlind, Realty Section, on Monday 7 December 1998.

Other Leads

1. Contact Joanne Alsterlind: (650) 244-3821. Done.

CONFIRMATION NOTICE

Date	12/07/1998	Time	3:45	Type of Communication	Fax
TechLaw Staff	Steve Clonts			Site	Antioch Bombing Target Gualala Bombing Target Gustine Bombing Target Jenner Bombing Target Lake Chabot Machine Gun
Contact Name	Mike Mahoney				
Title	Real Estate				
Organization	Engineering Field Activity West, Naval Facilities Engineering Command				
Address	900 Commodore Drive			Phone	(650) 244-3859, Fax (650) 244-3803
City, State, Zip	San Bruno, CA 94066				

Summary

A chart which lists the 11 sites and provides research key words for each was faxed to Mr. Mahoney.

Other Leads

CONFIRMATION NOTICE

Date	12/07/1998	Time	2:00	Type of Communication	Phone Call
TechLaw Staff	Steve Clonts			Site	Antioch Bombing Target Gualala Bombing Target Gustine Bombing Target Jenner Bombing Target Lake Chabot Machine Gun
Contact Name	Joanne Alsterlind				
Title	Lead, Real Estate Specialty Support Team				
Organization	Engineering Field Activity West, Naval Facilities Engineering Command			Phone	
Address	900 Commodore Drive				
City, State, Zip	San Bruno, CA 94066				

Summary

Ms. Asterlind expressed serious doubts that her facility possesses any real estate records regarding the 11 sites. She stated that TechLaw should make an inquiry to GSA in San Francisco. Ms. Alsterlind requested a list of the sites be faxed to Mike Mahoney because he may know more than she does.

Other Leads

1. Contact GSA for real estate disposal records. Done.
2. Fax Mike Mahoney a list of the 11 sites: Fax (650) 244-3803. Done.

CONFIRMATION NOTICE

Date	12/14/1998	Time	10:00	Type of Communication	Phone Call
TechLaw Staff	Betty Henkle			Site	Antioch Bombing Target
Contact Name	Betty Maffei				
Title	Director				
Organization	Contra Costa County History Center			Phone	Phone: 510-939-9180
Address	1700 Oak Park Boulevard-CS				
City, State, Zip	Pleasant Hill, California 94523				

Summary

left a message.

Other Leads

CONFIRMATION NOTICE

Date	12/14/1998	Time	11:00	Type of Communication	Phone Call
TechLaw Staff	Steve Clonts			Site	Antioch Bombing Target Gualala Bombing Target Gustine Bombing Target Jenner Bombing Target Lake Chabot Machine Gun
Contact Name	Mike Mahoney				
Title	Real Estate				
Organization	Engineering Field Activity West, Naval Facilities Engineering Command				
Address	900 Commodore Drive			Phone	(650) 244-3859, Fax (650) 244-3803
City, State, Zip	San Bruno, CA 94066				

Summary Mr. Mahoney was contacted regarding the fax that was sent to him one week prior. A message was left on his service.

Other Leads

CONFIRMATION NOTICE

Date	12/15/1998	Time	11:50 a.m.	Type of Communication	Phone Call
TechLaw Staff	Sarah Howe			Site	Antioch Bombing Target Gualala Bombing Target Gustine Bombing Target Jenner Bombing Target Lake Chabot Machine Gun
Contact Name	Teo Diaz			Phone	
Title	Relocation Specialist			(415) 522-3271	
Organization	General Services Administration				
Address	450 Golden Gate Ave.				
City, State, Zip	San Francisco, CA 95104				

Summary
 Based on information obtained from Jan Barker, Corps Real Estate, Mr. Diaz was contacted concerning disposal of property for the eleven sites of concern. Mr. Diaz is out of the office this week. A message was left detailing what is needed and the name and number of Steve Clonts was left in case Mr. Diaz calls and Ms. Howe is out of town.

Other Leads

CONFIRMATION NOTICE

Date	12/16/1998	Time	2:00	Type of Communication	Phone Call
TechLaw Staff	Betty Henkle			Site	Antioch Bombing Target
Contact Name	Huckins, Clinton				
Title	OE Expert				
Organization	U.S. Army Corps of Engineers			Phone	(408) 394-1697 ext.230
Address					
City, State, Zip	Monterey, CA				

Summary

Left message.

Other Leads

CONFIRMATION NOTICE

Date	12/16/1998	Time	11:00	Type of Communication	Visit
TechLaw Staff	Cheryl Mahoney			Site	Antioch Bombing Target Gualala Bombing Target Gustine Bombing Target Jenner Bombing Target Lake Chabot Machine Gun
Contact Name	Beatrice Alger			Phone	
Title	District Librarian			(916) 557-6658	
Organization	U.S. Army Corps of Engineers				
Address	1325 J Street				
City, State, Zip	Sacramento, CA 95814				

Summary

Ms. Alger was contacted regarding all eleven sites. She has requested several books and is contacting other agencies for more information. Ms. Alger contacted the Army War College and was unable to obtain any relevant information. She provided following:

Army War College
 Carlisle Barracks
 Army Military History Center
 Louise - Reference (717) 245-4354

U.S. Army Center of Military History in Washington D.C.
 (202 761-5403

U.S. Army Corps of Engineers, Office of History
 Anna Punchack (703) 428-6554
 Dr. Paul Walker (703) 428-7553

Other Leads

1. Beatrice spoke with Louise and she may have one of the books we are searching for (History of the Western Defense Command Circa 1945), it was unpublished and not catalogued. Louise would like more information, but requested that we wait until Thursday the 17th to call. Done.

CONFIRMATION NOTICE

Date	12/17/1998	Time	3:00	Type of Communication	Phone Call
TechLaw Staff	Betty Henkle			Site	Antioch Bombing Target
Contact Name	Unknown				
Title					
Organization	Antioch Library			Phone	(925) 757-9224
Address	501 W. 18th Street				
City, State, Zip	Antioch, CA 94509				

Summary	<p>Library Hours Mon and Weds 12-8 p.m.; Tues and Thurs 10-6 p.m.; and Fri and Sat. 1-5 p.m.</p> <p>Left message. They will let me know what they have.</p>
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Other Leads	
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CONFIRMATION NOTICE

Date	12/17/1998	Time	3:57	Type of Communication	Email
TechLaw Staff	Betty Henkle			Site	Antioch Bombing Target
Contact Name	Rehr, Connie				
Title	Curator				
Organization	Clayton Historical Society			Phone	(510) 672-0240
Address	6101 Main Street				
City, State, Zip	Clayton, CA 94517				

Summary

LMandelbau@classic.msn.com
Sent an email requesting any information.

Other Leads

CONFIRMATION NOTICE

Date	12/17/1998	Time	11:45	Type of Communication	Phone Call
TechLaw Staff	Steve Clonts			Site	Antioch Bombing Target Gualala Bombing Target Gustine Bombing Target Jenner Bombing Target Lake Chabot Machine Gun
Contact Name	Mike Mahoney				
Title	Real Estate			Phone	(650) 244-3859, Fax (650) 244-3803
Organization	Engineering Field Activity West, Naval Facilities Engineering Command				
Address	900 Commodore Drive				
City, State, Zip	San Bruno, CA 94066				

Summary

Mr. Mahoney left a message indicating that he has some information regarding the Livermore Rifle Range. He will continue to search as time allows. Another message was left on his service.

Other Leads

CONFIRMATION NOTICE

Date	12/17/1998	Time	11:45	Type of Communication	Phone Call
TechLaw Staff	Steve Clonts			Site	Antioch Bombing Target Gualala Bombing Target Gustine Bombing Target Jenner Bombing Target Lake Chabot Machine Gun
Contact Name	Mike Mahoney				
Title	Real Estate				
Organization	Engineering Field Activity West, Naval Facilities Engineering Command				
Address	900 Commodore Drive			Phone	(650) 244-3859, Fax (650) 244-3803
City, State, Zip	San Bruno, CA 94066				

Summary

Another message was left for Mr. Mahoney.

Other Leads

CONFIRMATION NOTICE

Date	12/17/1998	Time	11:20	Type of Communication	Phone Call
TechLaw Staff	Cheryl Mahoney			Site	Antioch Bombing Target Gualala Bombing Target Gustine Bombing Target Jenner Bombing Target Lake Chabot Machine Gun
Contact Name	Louise				
Title	Reference Librarian			Phone	(717) 245-4354, Email http://carlisle-www.army.mil
Organization	U.S. Army War College, Carlisle Barracks, Military History Institute				
Address	122 Forbes Avenue				
City, State, Zip	Carlisle, PA 17013				

Summary Requested information regarding the loan of a report titled "History of the Western Defense Command," Circa 1945, which contains the status of west coast training areas. Louise stated that the report consists of 8 volumes, however only volumes 1-5 may be borrowed. She also stated that the majority of the information they have pertains to large bases and not the smaller target areas.

Other Leads 1. Call Beatrice Alger, USACE District Librarian to request the report. (done)

CONFIRMATION NOTICE

Date	12/28/1998	Time	10:00	Type of Communication	Phone Call
TechLaw Staff	Steve Clonts			Site	Antioch Bombing Target Gualala Bombing Target Gustine Bombing Target Jenner Bombing Target Lake Chabot Machine Gun
Contact Name	Mike Mahoney				
Title	Real Estate				
Organization	Engineering Field Activity West, Naval Facilities Engineering Command				
Address	900 Commodore Drive			Phone	(650) 244-3859, Fax (650) 244-3803
City, State, Zip	San Bruno, CA 94066				

Summary

Another message was left for Mr. Mahoney requesting real estate information.

Other Leads

CONFIRMATION NOTICE

Date	12/28/1998	Time	11:15	Type of Communication	Phone Call
TechLaw Staff	Betty Henkle			Site	Antioch Bombing Target
Contact Name	John Pelonio				
Title	Ranger, Brandon Island District				
Organization	California Department of Parks and Recreation			Phone	(916) 777-7701
Address	17645 State Highway 160				
City, State, Zip	Rio Vista, CA 94571				

Summary

Spoke with Ranger John Pelonio. He stated that the Sacramento District would probably have historical information. He recommending speaking with Jay Galaway.

Other Leads

Jay Galaway (916) 445-3033

CONFIRMATION NOTICE

Date	12/28/1998	Time	11:30	Type of Communication	Phone Call
TechLaw Staff	Betty Henkle			Site	Antioch Bombing Target
Contact Name	Galloway, Jay				
Title	Ranger, Sacramento District				
Organization	California Department of Parks and Recreation			Phone	(916) 445-3033
Address					
City, State, Zip	Sacramento, CA				

Summary

No information. Refer to Dutra Dredging Company and the Dutra Museum in Rio Vista, which he believes might have some information since they have done dredging in the delta before WWI. Also, referred to Randy Riblet at Brandon Island, Parks and Recreation.

Other Leads

1. Randy Riblet-only in office Wed-Fri (916) 777-7705
2. Dutra Dredging, Rio Vista (707) 374-6339
3. Dutra Museum

CONFIRMATION NOTICE

Date	12/28/1998	Time	3:00	Type of Communication	Phone Call
TechLaw Staff	Betty Henkle			Site	Antioch Bombing Target
Contact Name	Randy Riblet				
Title	Ranger				
Organization	California Department of Parks and Recreation			Phone	(916) 777-7705
Address					
City, State, Zip	Rio Vista, CA				

Summary

Left message.

Other Leads

CONFIRMATION NOTICE

Date	12/28/1998	Time	9:00 a.m.	Type of Communication	Visit
TechLaw Staff	Betty Henkle, Steven Clonts			Site	Antioch Bombing Target
Contact Name	Unknown				
Title					
Organization	Contra Costa County Assessor's Office			Phone	925-313-7400
Address	834 Court Street				
City, State, Zip	Martinez, CA 94553				

Summary

TechLaw visited the Contra Costa County Assessor's Office to collect maps, parcel numbers, and current owners.

Other Leads

CONFIRMATION NOTICE

Date	12/28/1998	Time	9:00 a.m.	Type of Communication	Visit
TechLaw Staff	Betty Henkle, Steven Clonts			Site	Antioch Bombing Target
Contact Name	Unknown				
Title					
Organization	Contra Costa County Recorder's Office			Phone	925-646-2516
Address	826 Main Street				
City, State, Zip	Martinez, CA 94553				

Summary

TechLaw visited the Contra Costa County Recorder's Office to collect maps, research grantee and grantor indices, and collect deeds of past and current owners.

Other Leads

CONFIRMATION NOTICE

Date	01/05/1999	Time	3:20	Type of Communication	Phone Call
TechLaw Staff	Amy Romero			Site	Antioch Bombing Target Lake Chabot Machine Gun Range Livermore Navy Auxiliary Field Livermore Rifle Range
Contact Name	William Sturm			Phone	
Title	Librarian-California Room				
Organization	Oakland Public Library				
Address	125 14th Street				
City, State, Zip	Oakland, CA				

Summary

He will look for information on these sites and call back.

Other Leads

CONFIRMATION NOTICE

Date	01/05/1999	Time	2:30	Type of Communication	Phone Call
TechLaw Staff	Amy Romero			Site	Lake Chabot Machine Gun Range
Contact Name	Gary Kurutz				Antioch Bombing Target
Title	Librarian				Gualala Bombing Target
Organization	California State Library			Phone	Gustine Bombing Target
Address	914 Capitol Mall			(916) 654-0101	
City, State, Zip	Sacramento, CA 95814				

Summary

Has no information on these facilities, but he suggested two people to contact.

Other Leads

1. Herb Garcia, retired Army colonel, (415) 957-1849. Done.
2. John Langelere, formerly at the Gene Autry Museum, no phone number but Herb Garcia will probably have that. No number available. Done.

CONFIRMATION NOTICE

Date	01/07/1999	Time	10:00 am	Type of Communication	Meeting
TechLaw Staff	Steve Clonts, Sarah Howe			Site	Antioch Bombing Target Gualala Bombing Target Gustine Bombing Target Jenner Bombing Target Lake Chabot Machine Gun
Contact Name	Dave Price			Phone	
Title	Hazardous Substances Scientist				
Organization	Department of Toxic Substances Control, Region 1			(916) 255-3633	
Address	10151 Croiden Way, Suite 3				
City, State, Zip	Sacramento, CA 95827				

Summary

An informational meeting was attended by staff from the USACE, DTSC, and TechLaw. The attendees were Bill Mullery, USACE; Mike Metro, USACE; Karise Rose, USACE; Jennifer Veir-Dunn, USACE; Dave Price, DTSC; Steve Clonts, TechLaw; and Sarah Howe, TechLaw.

Mr. Mullery asked for an update on the status of research on the eleven preliminary assessment sites, and work being done by the USACE attendees and DTSC attendee. Discussion involved information sharing on sites such as Livermore NAS, Gualala, Stockton Ordnance Depot, Antioch, and Jenner.

Dave Price and Jennifer each had a map of the Gualala bombing target which was given to TechLaw. It appears that the target may have been referred to as "Stewart's Point bombing target" during the war. The map depicts Gualala Point, but the legend states that it is Stewart's Point, even though Stewart's Point falls further to the south. A discussion between the meeting attendees included the assumption the perhaps the site was referred in this manner because the bombing target was in Sonoma County, and the actual town of Gualala is in Medocino. Dave Price said that he spoke with a woman named Jody Sparks, from Davis, CA, who has an account from a man in the Gualala area who found a smoke bomb when he was a young man. He apparently lost part of a finger and his friend's face was scarred by schrapnel when the bomb exploded. TechLaw asked if Dave could be contacted later with Ms. Sparks phone number.

Clarification of the Livermore area of concern was discussed and TechLaw will followup with USACE on the exact location. Also, the Stockton Ordnance Depot was discussed at length. These two areas are confusing because they have been referred to by different names.

The area of Antioch was discussed because Karise is performing an INPR on a site referred to as "Contra Costa bombing target" and TechLaw has found the target known as "Antioch bombing target" in Contra Costa County. Are these the same area? There is also a reference to a "Sonoma bombing target". Is this the same as any of the target areas TechLaw is researching? For example, Jenner, Gualala, and Petaluma?

TechLaw gave Dave a copy of an outline for the eleven sites.

Other Leads

CONFIRMATION NOTICE

Date	01/08/1999	Time	10:00	Type of Communication	Phone Call
TechLaw Staff	Steve Clonts			Site	Stockton Ordnance Depot Antioch Bombing Target Gualala Bombing Target Gustine Bombing Target Jenner Bombing Target
Contact Name	Carol Arnold				
Title	Supervisory Real Estate Specialist				
Organization	GSA				
Address	450 Golden Gate Ave.			Phone	(415) 522-3434; FAX (415) 522-3213
City, State, Zip	San Francisco, CA 95104				

Summary

Ms. Arnold was contacted regarding any disposal records GSA may have. She requested that she be faxed the site names so that she could check her files.

Other Leads

1. Fax her the site chart. Done.

CONFIRMATION NOTICE

Date	01/08/1999	Time	09:55	Type of Communication	Phone Call
TechLaw Staff	Steve Clonts				
Contact Name	Clark Van Epps	Site	Stockton Ordnance Depot Antioch Bombing Target Gualala Bombing Target Gustine Bombing Target Jenner Bombing Target		
Title	unknown	Phone	(415) 522-3420		
Organization	GSA				
Address	450 Golden Gate Ave.				
City, State, Zip	San Francisco, CA 95104				

Summary

A message was left for Mr. Van Epps. (No follow up because contact with Carol Arnold was made.)

Other Leads

CONFIRMATION NOTICE

Date	01/08/1999	Time	1:30	Type of Communication	Phone Call	
TechLaw Staff	Amy Romero			Site	Antioch Bombing Target Lake Chabot Machine Gun Range Livermore Navy Auxiliary Field Livermore Rifle Range	
Contact Name	William Sturm			Phone		(510) 238-3222
Title	Librarian-California Room					
Organization	Oakland Public Library					
Address	125 14th Street					
City, State, Zip	Oakland, CA					

Summary

Called him back to see if he had any information on these sites. He was out sick.

Other Leads

CONFIRMATION NOTICE

Date	01/08/1999	Time	09:50	Type of Communication	Phone Call
TechLaw Staff	Steve Clonts			Site	Antioch Bombing Target Gualala Bombing Target Gustine Bombing Target Jenner Bombing Target Lake Chabot Machine Gun
Contact Name	Teo Diaz			Phone	(415) 522-3271
Title	Relocation Specialist				
Organization	General Services Administration				
Address	450 Golden Gate Ave.				
City, State, Zip	San Fransisco, CA 95104				

Summary

Mr. Diaz recommended contacting two other people at GSA.

Other Leads

1. Clark Van Epps, GSA: (415) 522-3420. Done.
2. Carol Arnold, GSA: (415) 522-3434. Done.

CONFIRMATION NOTICE

Date	01/08/1999	Time	10:35	Type of Communication	Phone Call
TechLaw Staff	Steve Clonts			Site	Antioch Bombing Target Gualala Bombing Target Gustine Bombing Target Jenner Bombing Target Lake Chabot Machine Gun
Contact Name	Bill Mullery			Phone	
Title	Chief, DERP Section				
Organization	USACE, Sacramento District				
Address	1325 J Street				
City, State, Zip	Sacramento, CA 95814				

Summary

Mr. Mullery was asked for access to the existing INPR files in the hopes that there may be some useful information regarding the sites.

Other Leads

CONFIRMATION NOTICE

Date	01/11/1999	Time	11:00	Type of Communication	Phone Call
TechLaw Staff	Steve Clonts			Site	Stockton Ordnance Depot Antioch Bombing Target Gualala Bombing Target Gustine Bombing Target Jenner Bombing Target
Contact Name	Carol Arnold			Phone	(415) 522-3434; FAX (415) 522-3213
Title	Supervisory Real Estate Specialist				
Organization	GSA				
Address	450 Golden Gate Ave.				
City, State, Zip	San Francisco, CA 95104				

Summary

Ms. Arnold was called to confirm that she had received the site list that was faxed to her. A message was left.

Other Leads

CONFIRMATION NOTICE

Date	01/11/1999	Time	11:05	Type of Communication	Phone Call	
TechLaw Staff	Steve Clonts			Site	Antioch Bombing Target Gualala Bombing Target Gustine Bombing Target Jenner Bombing Target Lake Chabot Machine Gun	
Contact Name	Mike Mahoney			Phone		(650) 244-3859, Fax (650) 244-3803
Title	Real Estate					
Organization	Engineering Field Activity West, Naval Facilities Engineering Command					
Address	900 Commodore Drive					
City, State, Zip	San Bruno, CA 94066					

Summary

Another message was left for Mr. Mahoney requesting real estate information.

Other Leads

CONFIRMATION NOTICE

Date	01/11/1999	Time	03:35	Type of Communication	Phone Call
TechLaw Staff	Steve Clonts			Site	Stockton Ordnance Depot Antioch Bombing Target Gualala Bombing Target Gustine Bombing Target Jenner Bombing Target
Contact Name	Carol Arnold			Phone	(415) 522-3434; FAX (415) 522-3213
Title	Supervisory Real Estate Specialist				
Organization	GSA				
Address	450 Golden Gate Ave.				
City, State, Zip	San Francisco, CA 95104				

Summary

Ms. Arnold left a message confirming that she received the site list and has someone reviewing it.

Other Leads

CONFIRMATION NOTICE

Date	01/12/1999	Time	4:30	Type of Communication	Phone Call
TechLaw Staff	Amy Romero			Site	Antioch Bombing Target Lake Chabot Machine Gun Range Livermore Navy Auxiliary Field Livermore Rifle Range
Contact Name	William Sturm			Phone	(510) 238-3222
Title	Librarian-California Room				
Organization	Oakland Public Library				
Address	125 14th Street				
City, State, Zip	Oakland, CA				

Summary

He has no information about these sites. He does have information on the Livermore Aviation Base, but not the Auxilliary Field.

Other Leads

CONFIRMATION NOTICE

Date	01/15/1999	Time	11:50	Type of Communication	Phone Call
TechLaw Staff	Amy Romero			Site	Antioch Bombing Target Gualala Bombing Target Gustine Bombing Target Jenner Bombing Target Lake Chabot Machine Gun
Contact Name	Herb Garcia				
Title					
Organization					
Address				Phone	(415) 957-1849
City, State, Zip					

Summary

Left a message on his voice mail.

Other Leads

CONFIRMATION NOTICE

Date	01/15/1999	Time	02:30	Type of Communication	Phone Call	
TechLaw Staff	Steve Clonts			Site	Antioch Bombing Target Gualala Bombing Target Gustine Bombing Target Jenner Bombing Target Lake Chabot Machine Gun	
Contact Name	Joanne Alsterlind			Phone		(650) 244-3821
Title	Lead, Real Estate Specialty Support Team					
Organization	Engineering Field Activity West, Naval Facilities Engineering Command					
Address	900 Commodore Drive					
City, State, Zip	San Bruno, CA 94066					

Summary A message was left for Ms. Alsterlind requesting an update on Mr. Mahoney's progress in finding real esate information for the 10 Navy facilities.

Other Leads

CONFIRMATION NOTICE

Date	01/20/1999	Time	9:45	Type of Communication	Phone Call	
TechLaw Staff	Amy Romero			Site	Antioch Bombing Target Gualala Bombing Target Gustine Bombing Target Jenner Bombing Target Lake Chabot Machine Gun	
Contact Name	Herb Garcia			Phone		(415) 957-1849
Title						
Organization						
Address						
City, State, Zip						

Summary

He returned my call. I provided him with a list of the eleven sites, and he said he would get back to me.

Other Leads

CONFIRMATION NOTICE

Date	01/20/1999	Time	3:45 p.m.	Type of Communication	Phone Call
TechLaw Staff	Betty Henkle			Site	Antioch Bombing Target
Contact Name	Jay Galloway				
Title	Ranger, Sacramento District				
Organization	California Department of Parks and Recreation			Phone	(916) 445-3033
Address					
City, State, Zip	Sacramento, CA				

Summary

Called Jay again. Asked if the Frank's Tract was accessible. He stated that it is accessible only by boat, if you really want to see. Stated that you could access it by Bethel Island. He came up with the idea of contacting Stu Macy, which works for Brannon Island, and asking if he would take us out there. They are in class today.

Other Leads

Stu Macy 916-777-7702

CONFIRMATION NOTICE

Date	01/20/1999	Time	2:00	Type of Communication	Phone Call
TechLaw Staff	Betty Henkle			Site	Antioch Bombing Target
Contact Name	Randy Riblet				
Title	Ranger				
Organization	California Department of Parks and Recreation			Phone	(916) 777-7705
Address	Brannon Island				
City, State, Zip	Rio Vista, CA				

Summary

Unable to contact.

Other Leads

CONFIRMATION NOTICE

Date	01/21/1999	Time	1:55	Type of Communication	Phone Call
TechLaw Staff	Amy Romero			Site	Antioch Bombing Target Gualala Bombing Target Gustine Bombing Target Jenner Bombing Target Lake Chabot Machine Gun
Contact Name	Carol Arnold				
Title	Supervisory Real Estate Specialist			Phone	(415) 522-3434; FAX (415) 522-3213
Organization	GSA				
Address	450 Golden Gate Ave.				
City, State, Zip	San Francisco, CA 95104				

Summary Called Ms. Arnold to check on the status of her search for any information GSA may have on our sites. She had not completed her search, but she will get back to us when she has.

Other Leads

CONFIRMATION NOTICE

Date	01/21/1999	Time	9:45 a.m.	Type of Communication	Phone Call
TechLaw Staff	Betty Henkle			Site	Antioch Bombing Target
Contact Name	Stu Macy				
Title	Ranger				
Organization	California Department of Parks and Recreation			Phone	916-777-7702
Address					
City, State, Zip	Sacramento, CA				

Summary

Referred by Jay Galoway. Stu Macy did not have any information, however, he said he would do some checking and let me know. Discussed site visit. He stated that Concord Station might have some information regarding Antioch Bombing Target.

Other Leads

CONFIRMATION NOTICE

Date	01/21/1999	Time	03:45	Type of Communication	Phone Call
TechLaw Staff	Steve Clonts			Site	Antioch Bombing Target Gualala Bombing Target Gustine Bombing Target Jenner Bombing Target Lake Chabot Machine Gun
Contact Name	Mike Mahoney				
Title	Real Estate			Phone	(650) 244-3859, Fax (650) 244-3803
Organization	Engineering Field Activity West, Naval Facilities Engineering Command				
Address	900 Commodore Drive				
City, State, Zip	San Bruno, CA 94066				

Summary

Mr. Mahoney stated that they have no information for us and suggested contacting GSA for the disposal files.

Other Leads

CONFIRMATION NOTICE

Date	01/21/1999	Time	9:30 a.m.	Type of Communication	Phone Call
TechLaw Staff	Betty Henkle			Site	Antioch Bombing Target
Contact Name	Jay Galloway				
Title	Ranger, Sacramento District				
Organization	California Department of Parks and Recreation			Phone	(916) 445-3033
Address					
City, State, Zip	Sacramento, CA				

Summary

Jay states that Bethal Island would be the access area. This area is inhabited by homes and a restaurant. Jay is going to do some research of the area and get back to me.

Other Leads

CONFIRMATION NOTICE

Date	01/21/1999	Time	9:00 a.m.	Type of Communication	Phone Call
TechLaw Staff	Betty Henkle			Site	Antioch Bombing Target
Contact Name	Randy Riblet				
Title	Ranger				
Organization	California Department of Parks and Recreation			Phone	(916) 777-7705
Address	Brannon Island				
City, State, Zip	Rio Vista, CA				

Summary

Discussed setting up site visit. Possibly January 28, 1999. Will get back to him at 777-7702.

Other Leads

CONFIRMATION NOTICE

Date	01/28/1999	Time	10:00 a.m.	Type of Communication	Visit
TechLaw Staff	Betty Henkle\Gene Barber			Site	Antioch Bombing Target
Contact Name	Randy Riblet				
Title	Ranger				
Organization	Department of Parks and Recreation			Phone	(916) 777-7705
Address	Brannon Island Park				
City, State, Zip	Rio Vista, CA				

Summary

Gene Barber and Betty Henkle met with Randy Riblet and Dennis Pruitt at the Brannon Island Park, Rio Vista, California for our site visit of the Antioch Bombing Target. They provided us with a complete tour of Frank's Tract and the surrounding areas. Randy Riblet provided TechLaw with a book on the history of the area with regards to the first residence of the area. Although this book was interesting, it provided no information in regards to the activities of the Antioch Bombing Target during WWII.

Other Leads

CONFIRMATION NOTICE

Date	02/01/1999	Time	9:00	Type of Communication	Phone Call	
TechLaw Staff	Amy Romero			Site	Antioch Bombing Target Gualala Bombing Target Gustine Bombing Target Jenner Bombing Target Lake Chabot Machine Gun	
Contact Name	Herb Garcia					
Title						
Organization				Phone		(415) 957-1849
Address						
City, State, Zip						

Summary

He has no information on these sites.

Other Leads

CONFIRMATION NOTICE

Date	02/02/1999	Time	3:00	Type of Communication	Phone Call
TechLaw Staff	Amy Romero			Site	Antioch Bombing Target Gualala Bombing Target Gustine Bombing Target Jenner Bombing Target Lake Chabot Machine Gun
Contact Name	Clinton Huckins			Phone	
Title	OE Expert				
Organization	U.S. Army Corps of Engineers				
Address					
City, State, Zip	Monterey, CA				

Summary

Called for answers to our ordnance questions and left a message.

Other Leads

CONFIRMATION NOTICE

Date	02/04/1999	Time	3:00	Type of Communication	Phone Call	
TechLaw Staff	Amy Romero			Site	Antioch Bombing Target Gualala Bombing Target Gustine Bombing Target Jenner Bombing Target Lake Chabot Machine Gun	
Contact Name	Carol Arnold			Phone		(415) 522-3434; FAX (415) 522-3213
Title	Supervisory Real Estate Specialist					
Organization	GSA					
Address	450 Golden Gate Ave.					
City, State, Zip	San Francisco, CA 95104					

Summary

Called and left a message asking about the status of GSA's check for information on the sites.

Other Leads

CONFIRMATION NOTICE

Date	02/04/1999	Time	3:30	Type of Communication	Phone Call
TechLaw Staff	Amy Romero			Site	Antioch Bombing Target Gualala Bombing Target Gustine Bombing Target Jenner Bombing Target Lake Chabot Machine Gun
Contact Name	Clinton Huckins			Phone	
Title	OE Expert			(408) 394-1697	
Organization	U.S. Army Corps of Engineers				
Address					
City, State, Zip	Monterey, CA				

Summary

Mr. Huckins answered several ordnance pertaining to all eleven sites. He stated that 30 and 50 caliber bullets would be used at a machine gun range, both steel and lead. At both Radar Bombing Targets and Dive Bombing Targets, M23 miniature practice bombs would be used. An ordnance hut would contain small arms, and repair of the small arms may also occur there. The building noted with "High Explosives" on the Vernalis plot plan would probably be an ammunition storage building.

Other Leads

CONFIRMATION NOTICE

Date	02/05/1999	Time	2:00	Type of Communication	Phone Call	
TechLaw Staff	Amy Romero			Site	Antioch Bombing Target Gualala Bombing Target Gustine Bombing Target Jenner Bombing Target Lake Chabot Machine Gun	
Contact Name	Ken Polson			Phone		(415) 522-3432
Title						
Organization	General Services Administration					
Address	450 Golden Gate Avenue					
City, State, Zip	San Francisco, CA 94104					

Summary

He called to say that he would be checking GSA records on all eleven sites this weekend and will call me on Monday to let me know what he finds. He stated that he didn't feel he would find any information for us as GSA was being traded during that time period.

Other Leads

APPENDIX 5

**RISK ASSESSMENT CODE
FOR ORDNANCE AND EXPLOSIVE
WASTE SITES**

APPENDIX B
RISK ASSESSMENT PROCEDURES FOR
ORDNANCE AND EXPLOSIVE WASTE (OEW) SITES

Site Name: Antioch Bombing Target
Site Location: Frank's Tract, Contra Costa County, CA
DERP Project #: N/A

Rater's Name: Betty Henkle
Phone No: (916) 557-6826
Organization: TechLaw, Inc.
Score: 4

Date Completed: February 3, 1998

OEW RISK ASSESSMENT:

This risk assessment procedure was developed in accordance with MIL-STD 882C and AR 385-10. The RAC score will be used by CEHND to prioritize the remedial action at Formerly Used Defense Sites. The risk assessment should be based upon best available information resulting from records searches, reports of Explosive Ordnance Disposal (EOD) detachment actions, and field observations, interviews, and measurements. This information is used to assess the risk involved based upon the potential EXO hazards identified at the site. The risk assessment is composed of two factors, **hazard severity and hazard probability**. Personnel involved in visits to potential OEW sites should view the CEHND videotape entitled "A Life Threatening Encounter: OEW."

Part I. Hazard Severity. Hazard severity categories are defined to provide a qualitative measure of the worst credible mishap resulting from personnel exposure to various types and quantities of unexploded ordnance items.

TYPE OF ORDNANCE

(Circle all values that apply)

A.	Conventional Ordnance and Ammunition	VALUE
	Medium/Large Caliber (20mm and larger)	10
	Bombs, Explosive	10
	Grenades, Hand and Rifle, Explosive	10
	Landmines, Explosive	10
	Rockets, Guided Missiles, Explosive	10
	Detonators, Blasting Caps, Fuzes, Boosters, Bursterns	⑥
	Bombs, Practice (w/spotting charges)	6
	Grenades, Practice (w/spotting charges)	4
	Landmines, Practice (w/spotting charges)	4
	Small Arms, Complete Round (.22 cal - .50 cal)	1
	Small Arms, Expended	0
	Conventional Ordnance and Ammunition <u>(Select the largest single value)</u>	<u>6</u>

What evidence do you have regarding conventional EXO? Documentation indicates that bombing practice consisted of air to ground rockets and M23 minature bombs. TechLaw has no information regarding what type of rockets were used.

B.	Pyrotechnics (For munitions not described above.)	VALUE
	Munition (Container) Containing White Phosphorus (WP) or other Pyrophoric Material (i.e., Spontaneously Flammable)	10
	Munition Containing A Flame or Incendiary Material (i.e., Napalm, Triethylaluminum Metal Incendiaries)	6
	Flares, Signals, Simulators, Screening Smokes (other than WP)	4
	Pyrotechnics <u>(Select the largest single value)</u>	<u>0</u>

What evidence do you have regarding pyrotechnics? None.

C.	Bulk High Explosives (Not an integral part of conventional ordnance; uncontainerized.)	VALUE
	Primary or Initiating Explosives (Lead Styphnate, Lead Azide Nitroglycerin, Mercury Azide, Mercury Fulminate, Tetracene, etc.)	10
	Demolition Charges	10
	Secondary Explosives (PETN, Compositions A, B, C, Teteryl, TNT, RDX, HMX, HBX, Black Powder, etc.)	8
	Military Dynamite	6
	Less Sensitive Explosives (Ammonium Nitrate, Explosive D, etc.)	3
	High Explosives <u>(Select the largest single value)</u>	<u>0</u>

What evidence do you have regarding bulk explosives? None.

D.	Bulk Propellants (Not an integral part of rockets, guided missiles, or other conventional ordnance; uncontainerized)	VALUE
	Solid or Liquid Propellants	6
	Propellants	<u>0</u>

What evidence do you have regarding bulk propellants? None.

E.	Chemical Warfare Material and Radiological Weapons	VALUE
	Toxic Chemical Agents (Choking, Nerve, Blood, Blister)	25
	War Gas Identification Sets	20
	Radiological	15
	Riot Control Agents (Vomiting, Tear)	5
	Chemical and Radiological <u>(Select the largest single value)</u>	<u>0</u>
	What evidence do you have of chemical/radiological OEW? <u>None.</u>	

=====

TOTAL HAZARD SEVERITY VALUE 6
 (Sum of Largest Values for A through E--Maximum of 61).
 Apply this value to Table 1 to determine Hazard Severity Category.

TABLE 1
HAZARD SEVERITY *

<u>Description</u>	<u>Category</u>	<u>Hazard Severity Value</u>
CATASTROPHIC	I	21 and greater
CRITICAL	II	10 to 20
MARGINAL	III	5 to 9
NEGLIGIBLE	IV	1 to 4
**NONE		0

• Apply Hazard Severity Category to Table 3.

•• If Hazard Severity Value is 0, you do not need to complete Part II. Proceed to Part III and use a RAC Score of 5 to determine your appropriate action.

Part II. Hazard Probability. The probability that a hazard has been or will be created due to the presence and other rated factors of unexploded ordnance or explosive materials on a formerly used DOD site.

AREA, EXTENT, ACCESSIBILITY OF OEW HAZARD
(Circle all values that apply)

A.	Locations of OEW Hazards	VALUE
	On the surface	5
	Within Tanks, Pipes, Vessels or Other confined locations.	4
	Inside walls, ceilings, or other parts of Buildings or Structures.	3
	Subsurface	②
	Location <u>(Select the single largest value)</u>	<u>2</u>
	What evidence do you have regarding location of OEW? <u>Any remaining OEW is located 20 feet under water.</u>	

B.	Distance to the nearest inhabited locations or structures likely to be at risk from OEW hazard (roads, parks, playgrounds, and buildings).	VALUE
	Less than 1250 feet	5
	1250 feet to 0.5 miles	4
	0.5 miles to 1.0 mile	3
	1.0 mile to 2.0 miles	②
	Over 2 miles	1
	Distance <u>(Select the single largest value)</u>	<u>2</u>
	What are the nearest inhabited structures? <u>The nearest inhabited area is located approximately 75 feet from the western edge of Frank's Tract area on Bethel Island.</u>	

C. Number of buildings within a 2 mile radius measured from the OEW hazard area, not the installation boundary.

	VALUE
26 and over	⑤
16 to 25	4
11 to 15	3
6 to 10	2
1 to 5	1
0	0
Number of Buildings <u>(Select the single largest value)</u>	<u>5</u>

Narrative TechLaw was able to view approximately 25 homes, a restaurant, boat docks, and fueling stations along the shore of Bethel Island which is within 1.25 miles of the Antioch Bombing Target area.

D. Types of Buildings (within a 2 mile radius)

	VALUE
Educational, Child Care, Residential, Hospitals, Hotels, Commercial, Shopping Centers	⑤
Industrial, Warehouse, etc.	4
Agricultural, Forestry, etc.	3
Detention, Correctional	2
No Buildings	0
Types of Buildings <u>(Select the largest single value)</u>	<u>5</u>

Describe types of buildings in the area. There are residential structures, restaurants, and fueling stations located on Bethel Island.

E. Accessibility to site refers to access by humans to ordnance and explosive wastes. Use the following guidance:

	VALUE
No barrier in security system	5
Barrier is incomplete (e.g., in disrepair or does not completely surround the site). Barrier is intended to deny egress from the site, as for a barbed wire fence for grazing.	4
A barrier, (any kind of fence in good repair) but no separate means to control entry. Barrier is intended to deny access to the site.	3
Security guard, but no barrier	2
Isolated site	1
A 24-hour surveillance system (e.g., television monitoring or surveillance by guards or facility personnel) which continuously monitors and controls entry onto the facility; or An artificial or natural barrier (e.g., a fence combined with a cliff), which completely surrounds the facility; and a means to control entry, at all times, through the gates or other entrances to the facility (e.g., an attendant, television monitors, locked entrances, or controlled roadway access to the facility).	0
Accessibility <u>(Select the single largest value)</u>	<u>0</u>

Describe the site accessibility. The target areas are in the waters of the secondary zone of the Sacramento/San Joaquin delta. These waters include the San Joaquin River and the Stockton deep water channel.

F. Site Dynamics - This deals with the site conditions that are subject to change in the future, but may be stable at the present. Examples would be excessive soil erosion by beaches or streams, increasing land development that could reduce distances from the site to inhabited areas or otherwise increase accessibility.

	VALUE
Expected	5
None Anticipated	0
Site Dynamics <u>(Select largest value)</u>	<u>0</u>

Describe the site dynamics. None.

TOTAL HAZARD PROBABILITY VALUE

(Sum of Largest Values for A through F--Maximum of 30)
Apply this value to Hazard Probability Table 2 to determine
Hazard Probability Level

14

TABLE 2
HAZARD PROBABILITY •

<u>Description</u>	<u>Level</u>	<u>Hazard Probability Value</u>
FREQUENT	A	27 or greater
PROBABLE	B	21 to 26
OCCASIONAL	C	15 to 20
REMOTE	D	8 to 14
IMPROBABLE	E	less than 8

- Apply Hazard Probability Level to Table 3.
-
-

Part III. Risk Assessment. The risk assessment value for this site is determined using the following Table 3. Enter with the results of the hazard probability and hazard severity values.

TABLE 3

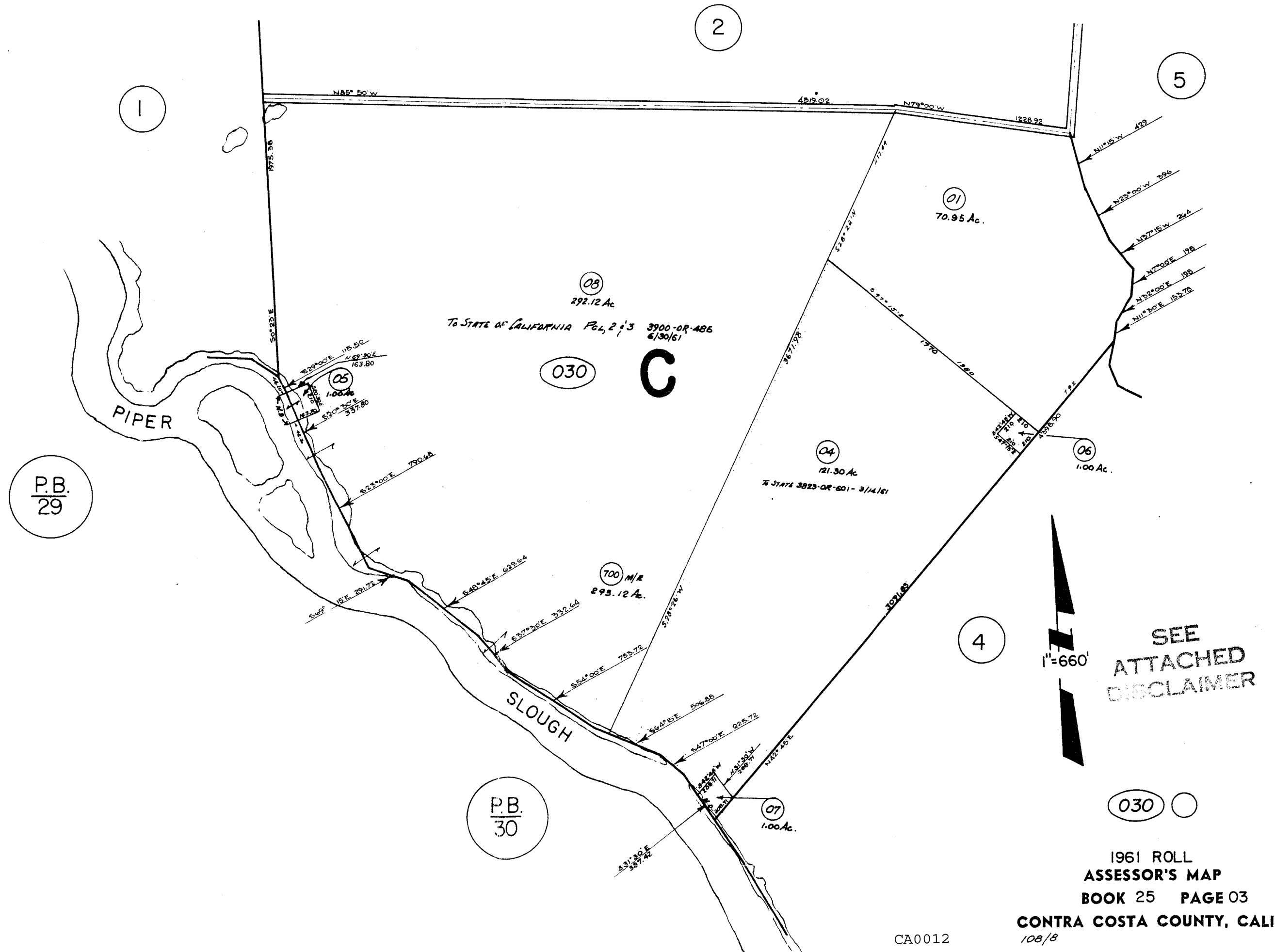
Probability		FREQUENT	PROBABLE	OCCASIONAL	REMOTE	IMPROBABLE
Level		A	B	C	D	E
Severity Category:						
CATASTROPHIC	I	1	1	2	3	4
CRITICAL	II	1	2	3	4	5
MARGINAL	III	2	3	4	④	5
NEGLIGIBLE	IV	3	4	4	5	5

RISK ASSESSMENT CODE (RAC)

- RAC 1 Expedite INPR, recommending further action by CEHND - Immediately call CEHND-OE-ES -- Commercial 205-895-1582.
- RAC 2 High priority on completion of INPR - Recommend further action by CEHND.
- RAC 3 Complete INPR - Recommend further action by CEHND.
- ④ RAC 4 Complete INPR - Recommend further action by CEHND.
- RAC 5 Usually indicates that no further action (NOFA) is necessary. Submit NOFA and RAC to CEHND.

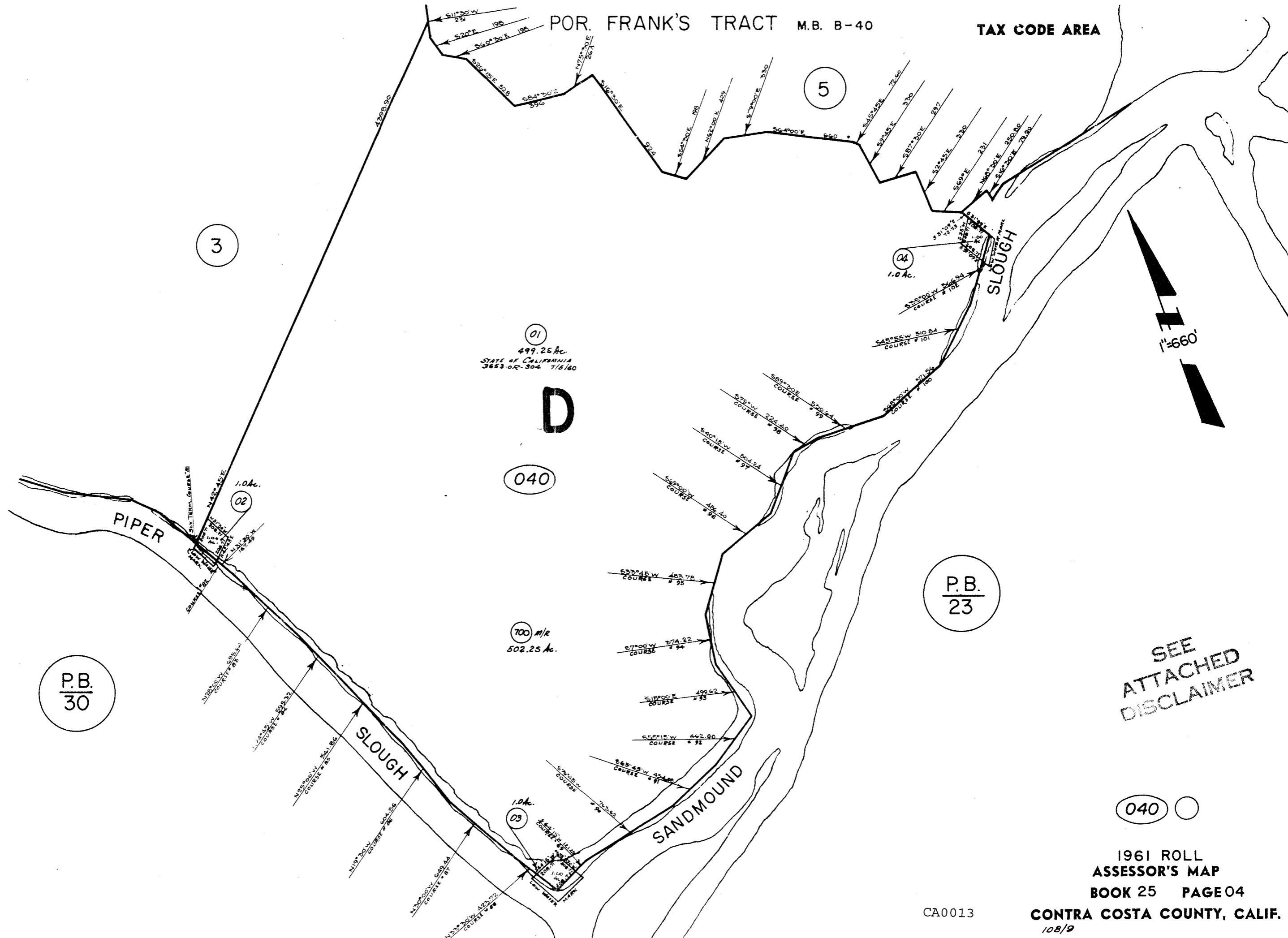
Part IV. Narrative. Summarize the documented evidence that supports this risk assessment. If no documented evidence was available, explain all the assumptions that you made.

Although the risk assessment for this area is scored high and there is documentation providing evidence, this area is currently used as a recreation area and has continuous public use without any incidents.



POR. FRANK'S TRACT M.B. B-40

TAX CODE AREA



SEE ATTACHED DISCLAIMER

040

CA0013

BRADFORD

34 T. 3. N. R. 3. E. 35

WASHINGTON STR. R. 4. E. 31

FALSE

RIVER

W. H. WRIGHT

G

F. D. MONGKTON
B
501.41 AC. TO CENTER LEVEL
514.48
LOW WATER LINE

501.41 AC. TO CENTER LEVEL
511.35
F. M. BROWN
250.72 AC.

A
J. C. FRANKS

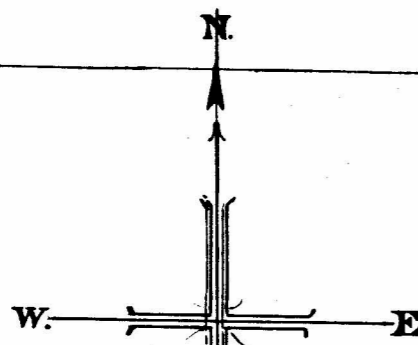
501.41 AC. TO CENTER LEVEL
535.29
Low Water Line

293.98 AC. TO CENTER LEVEL
266.73 TO LOW WATER LINE
F. D. MONGKTON
E1

217.53 AC. TO CENTER LEVEL
222.09 TO LOW WATER LINE
F2

489.96 AC. TO CENTER LEVEL
494.05
LOW WATER

519.35 AC. TO CENTER LEVEL
527.37 TO LOW WATER LINE
E
COL. JOHN P. IRISH.



MAP
SHOWING SUBDIVISIONS
OF THE LANDS OF
FRANKS
RECLAMATION COMPANY

CONTRA COSTA COUNTY CAL.
Containing 3599.44 Acres
DEC. 1904.
Scale to chains - 1 inch
2.54 CM. EACH INCH

T. 2. N. R. 3. E.
M. D. M.

489.96 AC. TO CENTER LEVEL
4.82 AC. Taken from Pumping Plant
502.25 TO LOW WATER LINE
D
F. C. FRANKS

IN WITNESS WHEREOF the Proprietors of the land designated and shown upon the above Map have hereunto set their hands and seals this day and year in the Certificate written below

J. C. Franks Seal
W. H. Wright Seal
F. D. Mongkton Seal

Filed at Request of
J. C. Franks
February 6, 1905, at 50 minutes
past 11 O'Clock, A.M. Register of Contra Costa County
A. B. Deuel, County Recorder

State of California }
County and City of San Francisco }
On this 9th day of February in the year
One Thousand Nine Hundred and Five (1905) before me, A. J. Henry,
a Notary Public in and for said County, duly commissioned
and sworn, personally appeared J. C. Franks, as President of Franks
John P. Irish, as Trustee, and F. D. Mongkton, Secretary of Franks,
known to me to be the persons whose names are subscribed to the within instrument
and acknowledged that they executed the same as said President, Secretary,
and Trustee, respectively.
In Witness Whereof I have hereunto set my hand and seal
the day and year in this Certificate first above written
A. J. Henry, Notary Public in and for
the City and County of San Francisco,
State of California.

14

13

ND12-80 My
 N1-13/N2-14
 Serial 34153

W1

7 July 1944

From: Commandant, Twelfth Naval District
To: Chief of the Bureau of Yards and Docks

Subject: Lease NOy(R) 35540 covering 502.25 acres of land near Antioch, California - Dive Bombing Target Site (Revocable Permit to the Government to use 500 acres of land belonging to California Peat Co.; Revocable permit to the California Peat Company to extract peat from the subject leased area)

Enclosure: (A) Revocable Permit, in triplicate, from the California Peat Company to the Government granting permission to use an additional area
 (B) Revocable Permit, in triplicate, executed by the Government, granting permission to the California Peat Company to extract peat from the area covered by the lease

1. Under the subject lease the Government is leasing an area of 500 acres from the University of California for the purpose of a dive bombing target site. The California Peat Company owns over 500 acres adjoining the subject area at the north and east thereof.

2. Attention is invited to Exhibit "A" of the instant enclosures. The area indicated thereon as "Area D" is the land covered by the subject lease. The area indicated thereon as "Area C" is the aforesaid land owned by the California Peat Company.

3. It will be noted that a power line belonging to the Pacific Gas and Electric Company practically bisects "Area D". Because of the hazards to bombing operations from the power line, it is desired that the Government use "Area C". The California Peat Company has been extracting peat from "Area D". Said company is willing to grant the Government a revocable permit to use "Area C" provided it could continue its peat operations in "Area D".

4. Enclosure (A) represents a revocable permit from the California Peat Company granting permission to the Government to use "Area C" without incurring any cost. Enclosure (B) represents a revocable permit to the California Peat Company to continue to extract peat from "Area D". The extraction of peat from Area D shall be at such times and under such conditions as will not interfere with bombing

Record Group 71. Records of the Bureau of Yards and Docks
 Naval Property Case Files 1941-1958
 Box 42 California, Alameda WS-94-AL thru Arcata:
 C5-2-AR-5

ND12-80 My
N1-13/H2-14
Serial 34153

7 July 1944

Subject: Lease NOy(R) 35540 covering 502.25 acres of land near Antioch, California - Dive Bombing Target Site (Revocable Permit to the Government to use 500 acres of land belonging to California Peat Co.; Revocable Permit to the California Peat Company to extract peat from the subject leased area)

operations by the Government.

5. The Commandant recommends the approval of the enclosed permits for the following reasons:

- (a) It will eliminate the hazard to bombing operations arising from the power line.
- (b) The Government will incur no additional cost for the use of "Area C".
- (c) The California Peat Company can extract peat from "Area D" only at such times and under such conditions as will not interfere with bombing operations. The Government will continue to use a substantial portion of "Area D".

6. It will be observed that the University of California has approved enclosure (B).

7. It is further requested that upon approval of enclosures (A) and (B) the appropriate number of copies thereof be returned for distribution.

ERNEST E. WILLIAMS
By direction of the Commandant

ND12/WI-13
F-5-7/GPJ/jmb
S-54-1

End-1 on ltr fr Com12
to BuDocks dtd 7 July 1944

18 July 1944.

~~TOP SECRET~~

To: The Chief of Naval Operations.
Via: The Chief of the Bureau of Aeronautics.

Subj: Lease NOy(R) 38540 covering 502.25 acres of land near Antioch, California - Dive Bombing Target Site (Revocable Permit to the Government to use 500 acres of land belonging to California Peat Co.; Revocable permit to the California Peat Company to extract peat from the subject leased areas).

1. Forwarded for comment and recommendation with the return of all correspondence.

By direction of the Chief, Bureau of Yards and Docks.

J. J. Chew
By direction of Chief of Bureau

Mr. Johnson
Rm. 3337

IN REPLY ADDRESS
COMMANDANT
TWELFTH NAVAL DISTRICT
AND REFER TO

ND12-80 My
N1-13/H2-14
Serial 34153

OFFICE OF COMMANDANT
TWELFTH NAVAL DISTRICT
SAN FRANCISCO, 2, CALIFORNIA Wi



7 July 1944

From: Commandant, Twelfth Naval District
To: Chief of the Bureau of Yards and Docks

Subject: Lease NOy(R) 35540 covering 502.25 acres of land near Antioch, California - Dive Bombing Target Site (Revocable Permit to the Government to use 500 acres of land belonging to California Peat Co.; Revocable permit to the California Peat Company to extract peat from the subject leased area)

Enclosure: (A) Revocable Permit, in triplicate, from the California Peat Company to the Government granting permission to use an additional area
(B) Revocable Permit, in triplicate, executed by the Government, granting permission to the California Peat Company to extract peat from the area covered by the lease

1. Under the subject lease the Government is leasing an area of 500 acres from the University of California for the purpose of a dive bombing target site. The California Peat Company owns over 500 acres adjoining the subject area at the north and east thereof.

2. Attention is invited to Exhibit "A" of the instant enclosures. The area indicated thereon as "Area D" is the land covered by the subject lease. The area indicated thereon as "Area C" is the aforesaid land owned by the California Peat Company.

3. It will be noted that a power line belonging to the Pacific Gas and Electric Company practically bisects "Area D". Because of the hazards to bombing operations from the power line, it is desired that the Government use "Area C". The California Peat Company has been extracting peat from "Area D". Said company is willing to grant the Government a revocable permit to use "Area C" provided it could continue its peat operations in "Area D".

4. Enclosure (A) represents a revocable permit from the California Peat Company granting permission to the Government to use "Area C" without incurring any cost. Enclosure (B) represents a revocable permit to the California Peat Company to continue to extract peat from "Area D". The extraction of peat from "Area D" shall be at such times and under such conditions as will not interfere with bombing

625116

ND12-80 My
 N1-13/H2-14
 Serial 34153

ND12/PT10
 F5

7 July 1944

Subject: Lease NOy(R) 35540 covering 502.25 acres of land near Antioch, California - Dive Bombing Target Site (Revocable Permit to the Government to use 500 acres of land belonging to California Peat Co.; Revocable Permit to the California Peat Company to extract peat from the subject leased area)

operations by the Government.

8 22 34

5. The Commandant recommends the approval of the enclosed permits for the following reasons:

- (a) It will eliminate the hazard to bombing operations arising from the power line.
- (b) The Government will incur no additional cost for the use of "Area C".
- (c) The California Peat Company can extract peat from "Area D" only at such times and under such conditions as will not interfere with bombing operations. The Government will continue to use a substantial portion of "Area D".

6. It will be observed that the University of California has approved enclosure (B).

7. It is further requested that upon approval of enclosures (A) and (B) the appropriate number of copies thereof be returned for distribution.

Ernest E. Williams
 ERNEST E. WILLIAMS
 By direction of the Commandant

DE
 625116

QM - California Peat Co.

ND12/N1-13
F-5-7/CFJ/jmb
5-84-1

End-1 on ltr fr Com12
to BuDocks dtd 7 July 1944

18 July 1944.

~~TOP SECRET~~

To: The Chief of Naval Operations.
Via: The Chief of the Bureau of Aeronautics.

Subj: Lease NOy(R) 35540 covering 502.25 acres of land near Antioch, California - Dive Bombing Target Site (Revocable Permit to the Government to use 500 acres of land belonging to California Peat Co.; Revocable permit to the California Peat Company to extract peat from the subject leased areas).

1. Forwarded for comment and recommendation with the return of all correspondence.

By direction of the Chief, Bureau of Yards and Docks.

J. C. [Signature] 8 22 34
J. C. [Signature]
By direction of Chief of BuDocks

665305
MAY 1 1944
NAVY DEPT
RECEIVED

[Faint signature]
[Faint text]

A 107A 1077
MI-J2\AS-IV' 20181 27122' 98829
AUG-2 ON COMLMEJAE IFL 40 BNDocks' MDTJ-80 MA

20181 1322120
20 8 23 24
0820-8024-10

fact

Maintenance Division
Aer-MA-3-RTB
N12/ND12

End--2

21 AUG 1944

145501

From: Chief, BuAer. **AUG 22 7 40 AM '44**
To: Chief, BuDocks. **8 22 34**
Via: CNO
Subj: Lease NOy(R) 35540 covering 502.25 acres of land near Antioch, California - Dive Bombing Target Site. (COMTwelve ltr ND12-80 My, N1-13/H2-14, Serial 34153, dated 7 July 1944, to BuDocks, with 1st end thereto)

op 30

1. Returned.
2. BuAer concurs with the recommendation contained in the basic letter and it is therefore requested that BuDocks take appropriate action to execute the proposed permits, if, in the opinion of BuDocks the documents are legally sufficient to meet their respective intended purpose.
3. It is noted that no money consideration is involved in the subject permits.
4. It is further noted that a substantial portion of the original area, designated as "Area D", will still be used for bombing operations. Attention is invited to the power lines running through "Area D" which have caused interference with the operations in the past. Interference, however, will be eliminated by the use of the proposed new area in conjunction with the "Area D".
5. The subject project does not represent an increase in scope of existing facilities or establish any new facilities for which Naval personnel will be required, other than that already assigned to NAS, Alameda. This information is given in conformance with SecNav confidential directive, (SC) P16-1/EN dated 26 January 1944 re Employment of Personnel.

R. B. Richardson **AUG 22 1944**

cc: COMTwelve
NAC, Alameda
NAS, Alameda

665305

PRINT



Op30-2CH4-jc
SO 8 22 34
Serial 1255130

ND12/111-13
75

End-3 on ComTwelve ltr to BuDocks, ND12-30 My
N1-13/H2-14, Serial 34153, dated
7 July 1944.

31 AUG 1944

From: CNO
To : BuDocks ✓

Subj: Lease NOY(r) 35540 covering 502.25 acres of land
near Antioch, California - Dive Bombing Target
Site - Revocable Permits in connection with.

Ref : (a) General Order 138

1. Returned, approved in accordance with ref. (a) as
to the military features of the site involved. This
approval does not extend to the legality of the acquisition
procedures nor the propriety of the price to be paid.

2. It is noted that no monetary consideration is
involved in the subject permits.

ND12/N1-13
 F-5-7/CFJ/1a
 5-54-1

15 Sep. 1944

To: The Commandant, Twelfth Naval District,
 San Francisco, California

Subj: Lease NDy(R)-35540 covering 502.25 acres of land
 near Antioch, California - Dive Bombing Target Site
 (Revocable Permit to the Government to use 500
 acres of land belonging to California Peat Co.;
 Revocable permit to the California Peat Company to
 extract peat from the subject leased area).

Ref: (a) Com 12 ltr to BuDocks dtd 7 July 1944, File
 ND12-80 By N1-13/N2-14 Serial 34153.

1. The subject permits transmitted to this Bureau by
 Reference (a) having been executed on behalf of the United
 States, Enclosures (1) and (2) are forwarded herewith for
 delivery to The California Peat Company, together with
 Enclosures (3) and (4) for the files of the Commandant.

By Direction of the Chief of the Bureau of Yards and Docks.

JOHN J. COURTNEY

Encls. HW

1. Original of subject permit to California Peat Company.
2. Duplicate original of subject permit to United States.
- 3 & 4. Photostats of Enclosures (1) and (2).

Mr. Johnson
Room 3337

THIS INDENTURE, made this 28th day of March, 1913, BY AND BETWEEN FRED. C. FRANKS, and MYRA FRANKS his wife, of Contra Costa County, State of California, the parties of the first part, and JOHN MARKLEY and ADA R. MARKLEY, of the County of Sutter, State of California, the parties of the second part,

WITNESSETH: That said parties of the first part in consideration of the sum of Ten (\$10.00) dollars in the gold coin of the United States of America, to them in hand paid by the parties of the second part, the receipt whereof is hereby acknowledged, do by these presents grant, bargain, sell and convey unto the said parties of the second part an undivided one half of that certain lot, piece or parcel of land lying, situate and being in Contra Costa County, State of California, to wit:

That piece or parcel of land situate in the County of Contra Costa, State of California, described as follows, to wit :

All that certain tract or parcel of land lying, situate and being in the County of Contra Costa, State of California, and known and designated as Division "D" of the Franks Reclamation Company, as the same appears on the map of the lands of the said Franks Reclamation Company on file in the office of the County Recorder of the said County of Contra Costa, State of California, on date of Feb. 6, 1905, and a more definite description of which is as follows:

Division "D" of the Subdivision of lands of Franks Reclamation Company, being a portion of S. 1/2 and a portion of S. 1/2 of N. E. 1/4 of Section 11; the fractional N. E. 1/4 of Section 14; fractional N. W. 1/4 of Section 13; fractional portion of S. 1/2 and fractional S. W. 1/4 of N. W. 1/4 of Section 12, E. 2 N. R. 3 E., M.D.M.

Beginning at the corner of Division "C" and "D" of Subdivision of lands of Franks Reclamation Company, on easterly bank of Piper Slough at extreme line of low water of said Slough; thence N. 42 3/4° East 1.00 chains to station in center of levee from said point iron pipe in line between Divisions "C" and "D" of subdivision of lands of said Reclamation Company bears N. 42 3/4° E., 1.00 chain distant; thence running along center line of levee as follows: S. 31.1/2° E., 5.70 chains to station in levee, thence S. 28° E. 10.54 chains to station in levee; thence S. 24 3/4° E. 9.02 chains to station in levee; thence S. 25° E., 8.21 chains to station in levee; thence S. 19 1/2° E., 9.16 chains to station in levee; thence S. 30° E., 9.84 chains to station in levee; thence S. 33 1/2° E., 6.42 chains to station in levee; thence N. 64 1/4° E., 5.00 chains along Saw Mound Slough to station in levee; thence N. 76 3/4° E. 11.57 chains to station in levee; thence N. 65 3/4° E., 6.88 chains to station in levee; thence N. 55 1/4° E. 7.00 chains to station in levee; thence N. 15° W. 7.57 chains to station in levee; thence N. 7° E., 5.67 chains to station in levee; thence N. 33 1/4° E., 7.33 chains to station in levee; thence N. 69° E. 7.37 chains to station in levee; thence N. 40 1/4° E. 7.64 chains to station in levee; thence N. 79° E. 3.40 chains to station in levee; thence S. 89 1/2° E. 8.04 chains to station in levee; thence N. 68° E., 8.66 chains to station in levee, thence -x- 45° 55' E. 7.74 chains to station in levee; thence

288
N. 35° E. 8.59 chains to station in levee at the S. W. corner of pumping plant reservation; thence S. 31° 09' E., 1.30 chains to station at low water line of Sand Mound Slough; returning to the center of the levee (N. 31° 09' W. 1.30 chains) thence running along westerly side of said reservation N. 31° 09' W. 3.31 chains to station in the center of Willow Slough at the N. E. corner of said pumping plant reservation; thence running along and up the center of Willow Slough between divisions "D" and "E" as follows:- N. 69° W. 3.50 chains to station in slough; N. 2 3/4° W. 5.00 chains to station in slough; N. 87 1/2° W. 4.50 chains to station in slough; N. 9 3/4° W. 5.50 chains to station in slough; N. 46 3/4° W. 1.10 chains to station in slough, N. 64° W. 10.00 chains to station in slough, N. 79° W. 5.00 chains to station in slough, S. 62° W. 6.50 chains to station in slough; N. 54 1/2° W. 3.00 chains to station in slough; N. 16 1/2° W. 14.00 chains to station in slough; N. 75 1/2° W. 4.00 chains to station in slough; N. 84 1/2° W. 6.00 chains to station in slough; N. 26 1/4° W. 8.00 chains to station in slough. N. 60 1/2° W. 3.00 chains to station in slough; N. 20° W. 3.00 chains to station in slough; N. 11 1/2° E. 1.17 chains to station, the corner of Divisions "C" and "D" in the west line of Division "E"; thence S. 42 3/4° W. leaving slough and running along line between Divisions "C" and "D" 66.65 chains into center of levee; place of beginning, containing an area of 489.96 acres computed to center of levee and 502.25 acres to low water line of Piper Slough and Sand Mound Slough, and being Division "D" of the Subdivision of lands of Franks Reclamation Company, Contra Costa County, California.

TOGETHER with the tenements, hereditaments and appurtenances thereto belonging, or in anywise appertaining, and the reversion and reversions, remainder and remainders, rents, issues and profits thereof.

TO HAVE AND TO HOLD, the said premises, together with the appurtenances, unto the said Parties of the second part and to their heirs and assigns forever.

This conveyance is made subject to that certain deed of Trust and the debt secured thereby made by Fred. C. Franks, and Myra Franks, his wife, to Anglo California Trust Company, of San Francisco, California, a corporation, party of the second part, and Joseph Nash, the party of the third part, dated July 26th 1911, to secure the sum of \$13,500.00 together with interest thereon, according to the terms of a certain promissory note of even date with said Trust Deed, which promissory note was made, executed and delivered by Fred. C. Franks, Myra Franks, and J. C. Franks, which said Deed of Trust now remains of record in Vol. 155 of Deeds at page 549 in the Recorder's Office of Contra Costa County, State of California, and

In further consideration of this conveyance, it is distinctly understood and agreed that parties of the second part assume said debt and the whole thereof and hereby promise and agree to pay off and discharge the same at the maturity thereof and procure a release and satisfaction of said debt as to the whole of said premises hereby conveyed, and more particularly as to the undivided interest in said premises retained by the Parties of the first part.

Should it become necessary for parties of the second part to make a loan and give their undivided one-half interest in said premises hereby conveyed as security to secure said loan, to discharge and satisfy the said loan of \$13,500.00 secured by the Deed of Trust hereinbefore referred to; and

Should said parties of the second part be unable to make said loan upon giving their undivided one-half interest in said premises as security therefor, then and in such event, the parties of the first part hereby promise and agree to either take back to themselves a mortgage in the said sum of \$13,500.00 Payable not more than three (3) years after date, together with interest thereon at the rate not to exceed seven (7) per cent per annum, or to secure for parties of the second part a loan not to exceed the said sum of \$13,500.00 upon their undivided one-half interest in said premises at said rate of interest or less and if need be to effect said loan, parties of the first part will guarantee the payment of the promissory note given to secure said loan and give such security as may be necessary to effect said loan, it being distinctly understood that parties of the second part shall give to parties of the first part a second mortgage on their undivided interest in said premises to secure the parties of the first part against all liability as guarantors on said promissory note.

The Grantors hereby represent and covenant with the Grantees that the title hereby conveyed is a good and merchantable title free of incumbrances other than is hereinbefore stated and subject to which this deed is made.

And that Grantors will remove any defects that now exist in said title, that may be discovered hereafter.

That partition of the property, between the Grantors and Grantees, their heirs, executors, administrators and assigns when made shall be made in the following manner;

Said premises shall be bisected into two equal parts in quantity or as nearly so as can be and the party hereto bidding the most money for the privilege shall have the right to first choice of the said subdivision and the lowest bidder shall take the other subdivision and thereunto the parties hereto agree to make partition deeds between them accordingly.

IN WITNESS WHEREOF, the parties of the first and second part have hereunto set their hands the day and year first above written.

Fred. C. Franks (SEAL)

Myra Franks (SEAL)

John Markley (SEAL)

Ada R. Markley (SEAL)

STA State of California,)
(ss
City and County of San Francisco)

On this 28th day of March A. D. One thousand nine hundred and thirteen, before me A. J. Henry, a Notary Public in and for said City and County, residing therein, duly commissioned and sworn, personally appeared Fred. C. Franks, and Myra Franks, (his wife) and John Markley and Ada R. Markley (his wife)

known to me to be the persons whose names are subscribed to the within instrument and acknowledged to me that they executed the same.

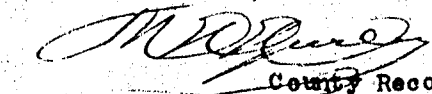
IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal at my office in the City and County of San Francisco, the day and year in this certificate first above written.

A.J. Henry,

((NOT A SEAL))

Notary Public in and for the City and County of
My commission expires -----
San Francisco, State of California.

Recorded at Request of R. C. Franks, Mar. 29, 1913, at 22 min. past 9 A. M.


County Recorder.

---00200---

We, the undersigned, WILLIAM MOHRING and Mimmie Mohring, (his wife) of Contra Costa County, California, do hereby grant, bargain, sell and convey unto WILLIAM HEBNER, of the same place, an undivided one-third (1/3) interest of, in and to all that real property situate in Contra Costa County, California, described as follows, to wit:

Beginning at post P. R. 13 station and corner of the Rancho El Pinole, thence along the Rancho boundary West 10.00 chains to Station post P. R. 12; thence North 20.00 chains to Station Post P. R. 11; thence West 10.00 chains to Station post P. R. 10; thence North 10.00 chains to station post P. R. 9; thence West 8.62 chains to station post D. B. C. 2; thence North 17 deg. 10 min. East between subdivision 1 and 2 of Division 11, 93.48 chains to station post D. B. C. thence S. 62 deg. 33 min. E. between divisions Nos. 9 and 11, 32.80 chains to station post S. B; thence S. 15 deg. 9 min. W. crossing subdivision No. 1. 105.40 chains into the point of beginning embracing an area of 335.52 acres. Magnetic Variation 16 deg. 15 min. East.

However, reserving and excepting from this grant and said property the following described property situate in the County of Contra Costa, State of California, part of Division No. 11 of the Rancho El Pinole, described by survey as follows:-

Beginning at a point on the Western boundary line of Rancho El Pinole, from which point Station P. R. 13 bears South 15-1/4 deg. West 5.42 chains; thence North 41 1/2 deg. West leaving Rancho boundary 9.95 chains to station;

STATE OF CALIFORNIA)
 City and County of San Francisco) ss.

On this 9th day of April in the year one thousand nine hundred and forty five before me, Eugene P. Jones, a Notary Public in and for the City and County of San Francisco, State of California, residing therein, duly commissioned and sworn, personally appeared James K. Moffitt known to me to be the Chairman of the Corporation described in and that executed the within instrument, and also known to me to be the person who executed the within instrument on behalf of the corporation therein named, and acknowledged to me that such corporation executed the same.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal in the City and County of San Francisco the day and year in this certificate first above written.

((NOT'L SEAL))

Eugene P. Jones

Notary Public in and for the City and County of San
 My Commission Expires December 28-1947 Francisco, State of California

STATE OF CALIFORNIA)
 County of Alameda) ss.

On this 6 day of April, 1945, before me, EDITH LAWRENCE SMITH, a Notary Public in and for said County of Alameda, duly commissioned and sworn, personally appeared ROBERT M. UNDERHILL, Secretary of The Regents of the University of California, known to me to be Secretary of the corporation that executed the within instrument and known to me to be the person who executed the within instrument on behalf of the corporation therein named and acknowledged to me that such corporation executed the same.

IN WITNESS WHEREOF, I have hereunto set my hand, and affixed my Official Seal, at my office in the County of Alameda, the day and year in this Certificate first above written.

((NOT'L SEAL))

Edith Lawrence Smith

Notary Public, County of Alameda, State of
 California.

My Commission Expires June 1, 1947

RESOLVED, That this corporation, THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, sell, transfer and convey unto Carl Newbury and Nancy L. Newbury, his wife, and Lawrence W. Mehaffey and Maude R. Mehaffey, his wife, land described as follows, reserving to The Regents all gas, oil, and mineral rights:

All that certain real property, situate, lying and being in the County of Contra Costa, State of California, and particularly described as follows, to wit:

All that certain piece or parcel of land situate, lying and being in the County of Contra Costa, State of California, known and designated as Division "D" of the Franks Reclamation Company as the same appears on the map of the lands of said Franks Reclamation Company made by Elam C. Brown, Surveyor, and filed for record in the office of the County Recorder of said County of Contra Costa, State of California, the 6th day of February, 1905. Said Division "D" of the subdivision of lands of the Franks Reclamation Company, being portions of South one-half ($S\frac{1}{2}$) and portions of South one-half ($S\frac{1}{2}$) of Northeast one-fourth ($NE\frac{1}{4}$) of Section Eleven (11); the fractional Northeast one-fourth ($NE\frac{1}{4}$) of Section Fourteen (14); fractional Northwest one-fourth ($NW\frac{1}{4}$) of Section Thirteen (13); and fractional portion of South one-half ($S\frac{1}{2}$) and fractional Southwest one-fourth ($SW\frac{1}{4}$) of Northwest one-fourth ($NW\frac{1}{4}$) of Section Twelve (12), Township Two (2) North, Range Three (3) East, Mount Diablo Base and Meridian containing an area of 469.96 acres to center of levee, and 502.25 acres to low water line of Piper Slough and Sandcound Slough, and

BE IT FURTHER RESOLVED, That the President or Chairman and the Secretary or Assistant Secretary of this corporation be, and they are, hereby authorized to execute and deliver for the account of this corporation to the said Carl Newbury and Nancy L. Newbury, his wife, and Lawrence W. Mehaffey and Maude R. Mehaffey, his wife, a deed to the said property hereinabove described.

I, ROBERT M. UNDERHILL, Secretary of THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, a corporation, HEREBY CERTIFY that the foregoing is a full, true and correct copy of a resolution of said corporation, adopted at a duly called meeting thereof at which a quorum of said Regents was present and acting; that all present voted in favor of said resolution; that the said resolution has not been annulled or revoked, but is still in full force and effect;

That the instrument referred to in the said resolution is identical in terms with the annexed instrument.

IN WITNESS WHEREOF, I have hereunto signed my name and affixed the seal of the said corporation, this 5 day of April, one thousand nine hundred and forty-five.

((UNIVERSITY OF CALIFORNIA SEAL))

Robert M. Underhill

Secretary, The Regents of the University
 of California.

Recorded at Request of Contra Costa County Title Co. May 16 1945 at 50 Min. Past
 2 P. M.-19-Copied-EM

Compared Book- M. L

Document- LC

Ralph Cunningham, County Recorder

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THE UNDERSIGNED, CALIFORNIA PEAT CO., also known as CALIFORNIA PEAT COMPANY, also known as CALIFORNIA PEAT COMPANY, INC., a California Corporation, for and in consideration of the sum of TEN and 00/100 DOLLARS (\$10.00) in lawful money of the United States of America, receipt of which is hereby acknowledged, hereby grants to the State of California all that real property situated in the County of Contra Costa, State of California, bounded and described as follows;

Beginning at the most southern corner of Subdivision "C" in the center of the levee on the Bank of Piper Slough as shown on the map of Subdivision of Lands of Franks Reclamation Company, filed February 6, 1905, in Book B of Maps, page 40, in the office of the County Recorder of Contra Costa County; running thence along the boundary line dividing said subdivisions "C" and "D" as shown on said map; North $42^{\circ} 45'$ East 3510.51 feet to an iron pipe 1 inch in diameter, 10 feet long; thence North $47^{\circ} 15'$ West 1980 feet to an iron pipe 2 inches in diameter, 10 feet long; thence South $28^{\circ} 26'$ West 3671.58 feet to a point in the center of levee on bank of Piper Slough, from which an iron pipe 1 inch in diameter 10 feet long bears North $28^{\circ} 26'$ East 66 feet distant; thence along the said levee, South $64^{\circ} 15'$ East 506.88 feet; South 47° East 225.72 feet; South $31-1/2^{\circ}$ East, 387.42 feet to the point of beginning.

Also a strip of land 46.20 feet in width adjoining the aforesaid levee, lying between the above center line of said levee and low water line of Piper Slough.

EXCEPTING THEREFROM, the following:

(a) A portion of Division C as shown on map subdivision of lands of Frank's Reclamation Company, filed February 6, 1905, in Book B of Maps, Official Records of said County, at Page 40, described as:

(1) Beginning at a point in the center of the levee at the most Southerly corner of Division C of said map, from which an iron pipe monument on the boundary common to Division D and Division C, as described in deed recorded in Book 198 of Deeds, records of said County, at Page 267, bears North $42^{\circ} 45'$ East 66.00 feet; thence from said point of beginning along the boundary common to Division C and Division D North $42^{\circ} 45'$ East 208.71 feet; thence North $31^{\circ} 30'$ West 208.71 feet; thence South $42^{\circ} 45'$ West 208.71 feet to the center of the levee and an intersection with Course No. 81 of said map; thence South $42^{\circ} 45'$ West to the low water line of Piper Slough; thence Southerly along the low water line of Piper Slough to an intersection with the boundary common to Division D and Division C; thence along said common boundary North $42^{\circ} 45'$ East to the point of beginning. Containing approximately 1 acre.

(2) Beginning at a 1" diameter Iron Pipe Monument 10 feet long in the boundary common to Divisions "C" and "D" of said map, from which the Southerly corner of Division "C" in the center of the levee bears South 42° 45' West 3510.54 feet distant; thence from said point of beginning North 47° 15' west 210.00 feet; thence South 42° 45' West 210.00 feet; thence South 47° 15' East to the boundary common to Divisions "C" and "D"; thence along said boundary, North 42° 45' East 210.00 feet to the point of beginning. Containing approximately 1 acre.

(b) The reservation contained in the deed by Capital Co., a corporation, formerly California Lands, Inc., recorded March 12, 1951, in book 1729 of Official Records, page 344, as follows:

"SAVING, EXCEPTING AND RESERVING unto the party of the first part, its successors and assigns from all the above described lands an undivided one-half interest in all oil, gas and other hydro-carbons and minerals now or at any time hereafter situate therein and thereunder, together with all easements and rights necessary or convenient for the production, storage and transportation thereof and the exploration and testing of the said real property and also the right to drill for, produce and use water from said real property in connection with its drilling or mining operations thereon."

(c) "All of those certain gas, oil, mineral and hydrocarbon rights over, under and upon the following described real property, being a one-half interest only in and to said rights", as granted in the deed to L. W. Mehaffey, et al, recorded April 4, 1958, in book 3144 of Official Records, page 164.

Together with all of the Grantor's right, title and interest in and to all water and water rights, whether surface or subsurface, or of any other kind, including all appurtenant water and water rights, and all water and water rights in any wise incident to the real property herein described, or used thereon or in connection therewith, and all other appurtenant rights and easements pertaining to said real property.

TO HAVE AND TO HOLD the above granted and described real property, its incidents and appurtenances, unto said State of California, its successors and assigns forever.

IN WITNESS WHEREOF, we have hereunto set our hands, this

24th day of AUGUST, 1960.

CALIFORNIA PEAT CO.

By Carl R. ...
By Wm. Mehaffey, Jr.

WITNESS:

Boyd ...

SEAL AFFIXED

STATE OF CALIFORNIA

LIBER 3823 PAGE 603

County of SAN FRANCISCO

On this 24th day of AUGUST in the year one thousand nine hundred and SIXTY

before me, DODD M. McRAE, a Notary Public in and for the City and County of San Francisco, State of California, residing therein, duly commissioned and sworn, personally appeared Carl Newbury and L. W. Mehaffey

known to me to be the Vice-President and Secretary of the corporation described in and that executed the within instrument, and also known to me to be the person who executed the within instrument on behalf of the corporation therein named, and acknowledged to me that such corporation executed the same.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal in the City and County of San Francisco the day and year in this certificate first above written.

SEAL AFFIXED

DODD M. McRAE

Notary Public in and for the City and County of San Francisco, State of California. My Commission Expires October 8, 1960

C.P. C. 144121

JUN 30 1961

DEED

THE UNDERSIGNED, CALIFORNIA PEAT CO., also known as CALIFORNIA PEAT COMPANY, also known as CALIFORNIA PEAT COMPANY, INC., a California Corporation, for and in consideration of the sum of TEN and 00/100 DOLLARS (\$10.00) in lawful money of the United States of America, receipt of which is hereby acknowledged, hereby grants to the State of California all that real property situated in the County of Contra Costa, State of California, bounded and described as follows:

PARCEL ONE:

Portion of Division A of Map showing subdivision of lands of Franks Reclamation Company, filed February 6, 1905, in book B of Maps, page 40, in the office of the County Recorder of Contra Costa County, containing 171.09 acres, more or less, described as follows:

Beginning at an iron pipe monument set in the easterly line of Subdivision A at the center of the levee on the southerly bank of False River; thence from said point of beginning along the center line of the levee of the southerly bank of False River, as follows: North 87° 15' West 217.80 feet; North 79° 45' West 652.74 feet; North 75° 45' West 395.34 feet; North 30° 05' West 291.72 feet; South 73° 30' West 330.00 feet; North 88° West 303.60 feet; South 55° 28' 30" West leaving center line of levee on the southerly bank of False River and running across Subdivision A, 1464.65 feet to the northerly bank of Piper Slough at the intersection of courses South 74° 15' East 429 feet and South 36° 30' East 264 feet, as designated on the above mentioned map; thence along the levee on the northerly bank of Piper Slough, as follows: South 36° 30' East 264 feet; South 3° 40' West 310.20 feet; South 26° 30' East 132.00 feet; South 38° 30' East, 396.00 feet; South 8° 15' East 132.0 feet; South 5° 30' West 356.40 feet; South 23° 45' East 260.70 feet; South 89° 30' East 311.52 feet; North 66° 30' East 529.32 feet; South 83° 30' East 403.92 feet; South 74° 15' East 335.94 feet; South 43° East 397.98 feet; South 30° East 258.06 feet; South 7° 45' West 198.00 feet; South 30° West 310.20 feet; South 21° 35' East 297.00 feet; South 88° East 198 feet; North 46° 30' East 343.20 feet; South 84° 45' East 330 feet; South 53° 15' East 232.98 feet to a point in the easterly line of Subdivision A; thence North 0° 23' West along said line, 1975.38 feet to the corner common to Subdivisions A and B and C; thence North 0° 23' West along the line of dividing said Subdivisions A and B, 1294.26 feet to the point of beginning.

EXCEPTING THEREFROM a portion of Said "Division A" described as follows:

BEGINNING at the point of intersection of Courses 4 and 5 of the traverse of the centerline of levee as shown on said map; thence with Course No. 5, South $73^{\circ} 30'$ West, 210 feet; thence South $30^{\circ} 05'$ East, 210 feet; thence North $73^{\circ} 30'$ East, 210 feet to centerline of levee and Course No. 4; thence with Course No. 4, North $30^{\circ} 05'$ West, 210 feet to the point of beginning. Containing approximately one acre.

PARCEL TWO:

Portions of Division C of Map showing lands of Franks Reclamation Company filed February 6, 1905, in book B of Maps, page 40, in the office of the County Recorder of Contra Costa County, containing 98.06 acres, more or less, described as follows:

(a) Beginning at common corner of Divisions C, B, and A in the center of the canal, and running thence along the line dividing said Subdivisions C and A South $0^{\circ} 23'$ East, 1975.38 feet to a point in center of levee on easterly bank of Piper Slough from which point an iron pipe bears North $0^{\circ} 23'$ West 66 feet distant; thence running along center of said levee along easterly bank of said Piper Slough; South $55^{\circ} 45'$ East, 85.80 feet; South 29° East, 115.50 feet; South $20^{\circ} 30'$ East, 547.80 feet; South 23° East, 790.68 feet; South $69^{\circ} 15'$ East, 291.72 feet; thence leaving said levee North $16^{\circ} 52'$ East at 66 feet an iron gas pipe 1 inch in diameter 10 feet long at 3455.76 feet; a gas pipe 1 inch in diameter 10 feet long 3482.16 feet to a point in center of said canal; thence along said canal North $85^{\circ} 50'$ West 1926.54 feet to a point of beginning from which iron pipe 2 inches in diameter 10 feet long bears South $0^{\circ} 23'$ East 25.74 feet distant.

(b) Strip of land 46.20 feet in width adjoining said levee and lying between above described center line of said levee and low water line of Piper Slough, containing 1.94 acres, more or less.

EXCEPTING THEREFROM a portion of said Division C described as follows:

BEGINNING at the point of intersection of Courses 72 and 73 of the traverse of the centerline of levee as shown on said map; thence North $69^{\circ} 30'$ East, 163.80 feet; thence South $20^{\circ} 30'$ East, 210.00 feet; thence South $69^{\circ} 30'$ West, 163.80 feet to center of levee and Course No. 73; thence continuing South $69^{\circ} 30'$ West, 46.20 feet to the low water line of Piper Slough; thence Northwestwardly along said low water mark to a point which bears South $69^{\circ} 30'$ West from the point of beginning; thence North $69^{\circ} 30'$ East, 46.20 feet more or less to the point of beginning. Containing approximately one acre.

PARCEL THREE:

Portion of Division "C" of Map showing Subdivision of Lands of Franks Reclamation Company, filed on February 6, 1905, in book B of Maps, page 40, in the office of the County Recorder of Contra Costa County, containing 195.06 acres, more or less, described as follows:

(a) Beginning at a point on the northern boundary of Division C in center of canal distant thereon 1600 feet from corner common to said Divisions C, E and F1, running thence along said northern boundary line of said Subdivision C, North 85° 50' West 299.16 feet; thence leaving said boundary line South 16° 52' West 3482.16 feet to a point in center of levee on bank of Piper Slough from which point a gas pipe 1 inch in diameter 10 feet long bears North 16° 52' East 66 feet distant; thence along levee on bank of Piper Slough, South 48° 45' East 629.64 feet; South 37° 30' East 332.64 feet; South 54° East 753.72 feet; thence leaving said levee North 28° 26' East 66 feet an iron gas pipe 1 inch in diameter 10 feet long at 4849.02 feet to a point of beginning.

(b) Strip of land 46.20 feet in width along said levee lying between above center line of said levee and low water line of Piper Slough, containing 1.82 acres, more or less.

EXCEPTING FROM said Parcels 1, 2, and 3, those certain mineral reservations contained in the deed by Stuart Rawlings, Jr., recorded August 25, 1953, in Book 2180 of Official Records at Page 571.

PARCEL FOUR:

Portion of Divisions "F" 2 and "G" as shown on the map of Subdivision of Lands of Franks Reclamation Company, filed February 6, 1905, in book B of Maps, page 40, in the office of the County Recorder of Contra Costa County, containing 416.64 acres, more or less, described as follows:

Beginning at the southwest corner of said Subdivision "F" 2 being the center line of a canal; thence from said point of Beginning South 7° 5' West along the west line of said Subdivision "F" 2, 923.34 feet to the north line of said parcel of land described in the deed from John P. Irish to Lucy H. Fletcher, dated January 5, 1909, and recorded February 24, 1909, in book 140 of Deeds, page 502; thence South 73° 18' East along said line, 5271.42 feet to station in low water line of Old River; thence along said low water line as follows: North 2° 15' East 639.54 feet; North 1° West, 307.56 feet; North 10° 45' East 1493.58 feet; North 5° 30' East, 528 feet; North 4° 15' West, 295.02 feet to station on the line between Divisions "F" 2 and "G"; North 4° 15' West 826.98 feet; North 8° 30' West 1254 feet and North 2° 45' West 261.36 feet to the north line of the parcel of land described in the deed from John P. Irish, et al, to F. M. Brown, dated February 25, 1905, recorded March 18, 1905, in book 110 of Deeds, page 211; thence West along said line, 2865.72 feet to the west line of said parcel; thence South 6° 40' West along said line, 3667.62 feet to the line between Divisions "F" 2 and "G"; thence North 73° 15' West along said line, 1758.50 feet to the point of beginning.

Excepting Therefrom that portion of said Division "G" described as follows:

BEGINNING at the point of intersection of Courses 121 and 122 of the traverse of the centerline of levee as shown on said map, said point of beginning being on the boundary common to Divisions F-2 and G; thence from said point of

beginning along said common boundary, South 53° 36' West, 170 feet; thence South 04° 15' East, 210 feet; thence North 53° 36' East, 210 feet to low water line of Old River; thence Northerly along said low water line to a point which bears North 53° 36' East from the point of beginning; thence South 53° 36' West, 40 feet more or less to the point of beginning. Containing approximately one acre.

ALSO EXCEPTING THEREFROM those certain mineral reservations contained in the deed by S.L.R. Jr. Leasing Co., a California Corporation, recorded February 13, 1945 in Book 815 of Official Records at Page 60.

PARCEL FIVE:

Portion of Division "C" as shown on the map of Subdivision of Lands of Franks Reclamation Company, filed February 6, 1905, in book B of Maps, page 40, in the office of the County Recorder of Contra Costa County, containing 70.95 acres, more or less, described as follows:

BEGINNING at the common corner to Subdivision "C" "E" and "F1" at the intersection of the center line of a canal and Willow Slough as shown on the map above referred to; thence from said point of beginning along the boundary line dividing the said Subdivision "C" and "F1" and along the center line of the canal North 79° West, 1228.92 feet; thence leaving said canal South 28° 26' West, 1177.44 feet to an iron pipe; thence South 47° 15' East, 1980 feet to an iron pipe on the line between the said Subdivision "C" and Subdivision "D" as shown on said map; thence along the last said line North 42° 45' East, 792 feet to a point in the center of said Willow Slough; thence along the center of Willow Slough and following the meanderings thereof, North 11° 30' East, 153.78 feet; North 32° East, 198 feet; North 7° East, 198 feet; North 37° 15' West, 264 feet; North 23° West, 396 feet and North 11° 15' West, 429 feet to the point of beginning.

EXCEPTING THEREFROM those certain mineral reservations contained in the deed by John Bohn, Guardian of the Estate of Marilyn Jo Wright, a minor, recorded May 17, 1948 in Book 1201 of Official Records at Page 348 and in the deed by John Bohn and Willard Bohn, recorded May 17, 1948, in Book 1201 of Official Records at Page 353.

PARCEL SIX:

Portion of Division "E" as shown on the map of Subdivision of Lands of Franks Reclamation Company, filed February 6, 1905, in book B of Maps, page 40, in the office of the County Recorder of Contra Costa County, containing 117.24 acres, more or less, described as follows:

BEGINNING at a stake in the levee on northerly bank of Sand Mound Slough at intersection of center line (or prolongation of said line) of Willow Slough with levee in the easterly line of Pumping Plant Reservation; thence South 16° 30' East, 99 feet to low water line of Sand Mound Slough; thence returning to center of levee North 16° 30' West, 85.80 feet; thence running along center of levee as

follows: (and along said Sand Mound Slough); North 52° 45' East, 114.54 feet to station; North 77° 15' East, 1485 feet to station; South 74° 50' East, 396 feet to station; North 63° 15' East, 330 feet; thence along Old River and Dredger Cut North 12° 15' East, 89.1 feet to station; North 34° 45' West, 198 feet to station; North 43° 30' West, 462 feet to station; North 27° 50' West, 293.04 feet to station; North 14° 15' West, 850 feet to station; North 12° 45' West, 495 feet to station; North 5° 30' West, 660 feet to station, and North 1° 15' West, 560.34 feet, more or less, to the south line of the 12,170 acre tract described in the deed from John J. Irish to Lucy H. Fletcher, dated January 5, 1909, recorded February 2, 1909, in book 140 of Deeds, page 502; thence North 73° 15' West along said line, 5396.16 feet to the west line of Division "E"; thence along the west and south lines of said Division "E" as follows: South 7° 5' West, 1155 feet; South 11° 15' East, 429 feet to station; South 23° East, 396 feet to station; South 37° 15' East, 264 feet to station; South 7° West, 198 feet to station; South 32° West, 198 feet to station; South 11° 30' West, 231 feet to station; South 20° East, 198 feet to station; South 60° 30' East, 198 feet to station; South 26° 15' East, 528 feet to station; South 84° 30' East, 396 feet to station; North 75° 30' East, 264 feet to station; South 16° 30' East, 92 feet to station; South 54° 30' East, 198 feet to station; North 62° East, 429 feet to station; South 79° East, 330 feet to station; South 64° East, 660 feet to station; South 46° 45' East, 72.6 feet to station; South 9° 45' East, 363 feet to station; South 87° 30' East, 297 feet to station; South 2° 45' East, 330 feet to station; South 69° East, 231 feet to station; North 68° 30' East, 250.80 feet to station, and South 16° 30' East, 79.2 feet to the point of beginning.

EXCEPTING FROM Parcel 6 that portion of said Division E described as follows:

BEGINNING at the point of intersection of Courses 106 and 107 of the traverse of the centerline of levee as shown on said map; thence from said point of beginning with Course No. 107, North 63° 15' East, 210 feet; thence North 26° 45' West, 210 feet; thence South 63° 15' West, 210 feet; thence South 26° 45' East, 210 feet to the point of beginning. Containing approximately one acre.

ALSO EXCEPTING THEREFROM those certain mineral reservations contained in the deed by John Bohn, Guardian of the Estate of Marilyn Jo Wright, a minor, recorded May 17, 1948, in Book 1201 of Official Records at Page 348 and in the deed by John Bohn and Willard Bohn, recorded May 17, 1948, in Book 1201 of Official Records at Page 353.

Together with all of the Grantor's right, title and interest in and to all water and water rights, whether surface or subsurface, or of any other kind, including all appurtenant water and water rights, and all water and water rights in any wise incident to the real property herein described, or used thereon or in connection therewith, and all other appurtenant rights and easements pertaining to said real property.

1961 FEB 8 900

TO HAVE AND TO HOLD the above granted and described real property, its incidents and appurtenances, unto said State of California, its successors and assigns forever.

IN WITNESS WHEREOF, we have hereunto set our hands this 8th day of February, 1961

SEAL AFFIXED

CALIFORNIA PEAT CO.

By [Signature] President

By [Signature] Secretary

WITNESS:

[Signature]

STATE OF CALIFORNIA, City & County of San Francisco } ss.

On this 8th day of February in the year one thousand nine hundred and sixty one

before me, JOSEPHINE P. MCCARTHY, a Notary Public in and for the City and County of San Francisco, State of California, residing therein, duly commissioned and sworn to personally

RALPH L. FOY and L. W. MENAFFEE, known to me to be the President and Secretary of the corporation described in and that executed the within instrument, and also known to me to be the person who executed the within instrument on behalf of the corporation therein named, and acknowledged to me that such corporation executed the same.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal in the City and County of San Francisco the day and year in this certificate first above written

SEAL AFFIXED

[Signature]

Notary Public in and for the County of San Francisco, State of California. My Commission Expires June 10, 1962

Cowdery's Form No. 20 - (Acknowledgment - Corporation) (C. S. Secs. 1190-1190.1)

designated on the map entitled "Boulevard Gardens, Contra Costa County, California, Tract No. 1", which map was filed in the office of the Recorder of the County of Contra Costa, State of California, on August 5, 1907 in Volume 1 of Maps, at page 11.

IN WITNESS WHEREOF, the said first parties have executed this conveyance this 19th day of April, 1945.

Victor A. Nielson
Aleonora Frantz Nielson

STATE OF CALIFORNIA,)
County of Alameda)ss.

On this 21st day of April in the year, A.D. Nineteen Hundred and Forty-five, before me, F. E. FORBES, a Notary Public in and for said County of Alameda, State of California, duly commissioned and sworn, personally appeared VICTOR A. NIELSON AND ALEONORA FRANTZ NIELSON, his wife, known to me to be the persons described in and who executed and whose names are subscribed to the within instrument and they acknowledged to me that they executed the same.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal at my office in the said County of Alameda, the day and year in this certificate first above written.

((NOT'L SEAL))

F. E. Forbes
Notary Public in and for the County of
Alameda, State of California.

Recorded at Request of Contra Costa County Title Co. May 16 1945 at 50 Min. Past
2 P. M.-4-Copied-EM

Compared Book- LC Document-
Ralph Cunningham, County Recorder
---oooOooo---

No. 11289

THIS INDENTURE, made the 5 day of April, 1945, between THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, a California corporation, the party of the first part, and CARL NEWBURY and NANCY L. NEWBURY, his wife, and LAWRENCE W. MEHAFFEY and MAUDE R. MEHAFFEY, his wife, the parties of the second part, WITNESSETH: That the said party of the first part, in consideration of the sum of Ten Dollars (\$10), lawful money of the United States of America, to it in hand paid by the said parties of the second part, the receipt whereof is hereby acknowledged, does by these presents grant unto the said Carl Newbury and Nancy L. Newbury, his wife, and to the survivor of them, as joint tenants and not as tenants in common, an undivided one-half ($\frac{1}{2}$) interest, and to LAWRENCE W. MEHAFFEY and MAUDE R. MEHAFFEY, his wife, and to the survivor of them, as joint tenants and not as tenants in common, an undivided one-half ($\frac{1}{2}$) interest, in and to the following described real property:

All that certain real property situate, lying and being in the County of Contra Costa, State of California, and particularly described as follows, to wit:

All that certain piece or parcel of land situate, lying and being in the County of Contra Costa, State of California, known and designated as Division "D" of the Franks Reclamation Company as the same appears on the map of the lands of said Franks Reclamation Company made by Elam C. Brown, Surveyor, and filed for record in the office of the County Recorder of said County of Contra Costa, State of California, the 6th day of February, 1906. Said Division "D" of the subdivision of lands of the Franks Reclamation Company, being portions of South one-half ($S\frac{1}{2}$) and portions of South one-half ($S\frac{1}{2}$) of Northeast one-fourth ($NE\frac{1}{4}$) of Section Eleven (11); the fractional Northeast one-fourth ($NE\frac{1}{4}$) of Section Fourteen (14); fractional Northwest one-fourth ($NW\frac{1}{4}$) of Section Thirteen (13); and fractional portion of South one-half ($S\frac{1}{2}$) and fractional Southwest one-fourth ($SW\frac{1}{4}$) of Northwest one-fourth ($NW\frac{1}{4}$) of Section Twelve (12), Township Two (2) North, Range Three (3) East, Mount Diablo Base and Meridian, containing an area of 489.95 acres to center of levee, and 502.25 acres to low water line of Piper Slough and Sand Mound Slough.

RESERVING AND EXCEPTING, however, unto the party of the first part, its successors or assigns, all oil, gas, oil shale, coal, phosphate, sodium, gold, silver, and all other metals and minerals of every character lying and being within or under the said real property, and reserving and excepting also to the party of the first part, its successors or assigns, and its and their lessees, agents and workmen, and all other persons by its or their authority or permission the right to occupy and use so much of the surface of said real property as may be necessary to search for, get, work, take away and dispose of said oil, gas, oil shale, coal, phosphate, sodium, gold, silver and other metals and minerals, and RESERVING FURTHER to said party of the first part, the right to make, sink, maintain, and use on said real property all such derricks, pits, shafts, drifts, levels, drains, pipe lines, tanks, water-courses and reservoirs, and to construct, maintain, and use thereon all such telephone, telegraph and power lines, and poles and towers therefor, railroads, tram roads and other roads, bridges, culverts, buildings, works, engines, tanks, machinery and conveniences whatsoever, and to do all such things in, under, upon, through, or over the said real property, or any part thereof, as may be necessary or convenient in searching for, working carrying away and disposing of the said oil, gas, oil shale, coal, phosphate, sodium, gold, silver and other metals or minerals.

IN WITNESS WHEREOF, the said party of the first part has caused this instrument to be executed the day and year first hereinabove written.

((CORP'T SEAL))

APPROVED AS TO FORM:

A. H. Copard
Attorney for the Regents
of the University of California

THE REGENTS OF THE UNIVERSITY OF CALIFORNIA
By James K. Moffitt, Chairman.
By Robert M. Underhill, Secretary

CR0021

STATE OF CALIFORNIA)
City and County of San Francisco)ss.

On this 9th day of April in the year one thousand nine hundred and forty five before me, Eugene P. Jones, a Notary Public in and for the City and County of San Francisco, State of California, residing therein, duly commissioned and sworn, personally appeared James K. Moffitt known to me to be the Chairman of the Corporation described in and that executed the within instrument, and also known to me to be the person who executed the within instrument on behalf of the corporation therein named, and acknowledged to me that such corporation executed the same.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed my official seal in the City and County of San Francisco the day and year in this certificate first above written.

((NOT'L SEAL))

Eugene P. Jones

Notary Public in and for the City and County of San
My Commission Expires December 28-1947 Francisco, State of California

STATE OF CALIFORNIA)
County of Alameda)ss.

On this 6 day of April, 1945, before me, EDITH LAWRENCE SMITH, a Notary Public in and for said County of Alameda, duly commissioned and sworn, personally appeared ROBERT M. UNDERHILL, Secretary of The Regents of the University of California, known to me to be Secretary of the corporation that executed the within instrument and known to me to be the person who executed the within instrument on behalf of the corporation therein named and acknowledged to me that such corporation executed the same.

IN WITNESS WHEREOF, I have hereunto set my hand, and affixed my Official Seal, at my office in the County of Alameda, the day and year in this Certificate first above written.

((NOT'L SEAL))

Edith Lawrence Smith

Notary Public, County of Alameda, State of
California.

My Commission Expires June 1, 1947

RESOLVED, That this corporation, THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, sell, transfer and convey unto Carl Newbury and Nancy L. Newbury, his wife, and Lawrence W. Mehaffey and Maude R. Mehaffey, his wife, land described as follows, reserving to The Regents all gas, oil, and mineral rights:

All that certain real property, situate, lying and being in the County of Contra Costa, State of California, and particularly described as follows, to wit:

All that certain piece or parcel of land situate, lying and being in the County of Contra Costa, State of California, known and designated as Division "D" of the Franks Reclamation Company as the same appears on the map of the lands of said Franks Reclamation Company made by Elam C. Brown, Surveyor, and filed for record in the office of the County Recorder of said County of Contra Costa, State of California, the 6th day of February, 1905. Said Division "D" of the subdivision of lands of the Franks Reclamation Company, being portions of South one-half (S $\frac{1}{2}$) and portions of South one-half (S $\frac{1}{2}$) of Northeast one-fourth (NE $\frac{1}{4}$) of Section Eleven (11); the fractional Northeast one-fourth (NE $\frac{1}{4}$) of Section Fourteen (14); fractional Northwest one-fourth (NW $\frac{1}{4}$) of Section Thirteen (13); and fractional portion of South one-half (S $\frac{1}{2}$) and fractional Southwest one-fourth (SW $\frac{1}{4}$) of Northwest one-fourth (NW $\frac{1}{4}$) of Section Twelve (12), Township Two (2) North, Range Three (3) East, Mount Diablo Base and Meridian containing an area of 469.96 acres to center of levee, and 502.25 acres to low water line of Piper Slough and Sandpound Slough, and

BE IT FURTHER RESOLVED, That the President or Chairman and the Secretary or Assistant Secretary of this corporation be, and they are, hereby authorized to execute and deliver for the account of this corporation to the said Carl Newbury and Nancy L. Newbury, his wife, and Lawrence W. Mehaffey and Maude R. Mehaffey, his wife, a deed to the said property hereinabove described.

I, ROBERT M. UNDERHILL, Secretary of THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, a corporation, HEREBY CERTIFY that the foregoing is a full, true and correct copy of a resolution of said corporation, adopted at a duly called meeting thereof at which a quorum of said Regents was present and acting; that all present voted in favor of said resolution; that the said resolution has not been annulled or revoked, but is still in full force and effect;

That the instrument referred to in the said resolution is identical in terms with the annexed instrument.

IN WITNESS WHEREOF, I have hereunto signed my name and affixed the seal of the said corporation, this 5 day of April, one thousand nine hundred and forty-five.

((UNIVERSITY OF CALIFORNIA SEAL))

Robert M. Underhill

Secretary, The Regents of the University
of California.

Recorded at Request of Contra Costa County Title Co. May 16 1945 at 50 Min. Past
2 P. M.-19-Copied-EM

Compared Book-~~M~~L

Document- LC

Ralph Cunningham, County Recorder

---oooOooo---

D E E D

CALIFORNIA PEAT CO., also known as
CALIFORNIA PEAT COMPANY, also known as California
THE UNDERSIGNED, /CALIFORNIA PEAT COMPANY, INC., a/corporation,

for and in consideration of the sum of TEN AND NO/100 DOLLARS (\$10.00)
in lawful money of the United States of America, receipt of which is
hereby acknowledged, hereby grants to the State of California all
that real property situated in the County of Contra Costa, State
of California, bounded and described as follows:

Division D as shown on the map of Subdivision of Lands of
Franks Reclamation Company, filed February 6, 1905, in book
B of Maps, page 40, in the office of the County Recorder of
Contra Costa County, being portions of South 1/2 of North-
east 1/4 of Section 11; the fractional northeast 1/4 of
Section 14; fractional Northwest 1/4 of Section 13; and
fractional portion of South 1/2 and fractional Southwest 1/4
of Northwest 1/4 of Section 12, Township 2 North, Range 3
East, Mount Diablo Base and Meridian, containing an area
of 502.25 acres and running to low water line of Piper
Slough and Sand Mound Slough.

EXCEPTING THEREFROM the following:

BEGINNING at a point in the center of the levee at the
most Westerly corner of Division D of said map, said corner
also being the Southeasterly terminus of course No. 81 of
said map and shown as having a bearing of South 31° 30' East
and a distance of 5.87 chains, also from which said point of
beginning an iron pipe monument on the Northwesterly boundary
of said Division D and as described in Book 198 of Deeds,
Records of said County at Page 267, bears North 42° 45'
East 66.00 feet; Thence from said point of beginning and
following the common boundary of Division C and Division D
South 42° 45' West to the line of low water of Piper Slough;
Thence Southerly along the low water line of Piper Slough
to an intersection with a line drawn South 42° 45' West from
a point on course No. 82 of said map, which is located South
31° 30' East, 208.71 feet from said point of beginning; Thence
North 42° 45' East to last said point and center of levee;
Thence North 42° 45' East, 208.71 feet; Thence North 31° 30'
West, 208.71 feet to the Northwesterly line of Division D;
Thence along said line South 42° 45' West, 208.71 feet to
the point of beginning. Containing approximately 1 acre.

ALSO EXCEPTING THEREFROM THE FOLLOWING:

BEGINNING at a point in the center of the levee, at the
most Easterly corner of Division D of said map and the most
Southerly point of the pumping plant reservation, from which
point of beginning an iron pipe monument in the Northwesterly
boundary of Division D and as described in deed recorded in
Book 198 of Deeds, Records of said County at Page 267 bears
South 88° 37' 51" West, 6,491.10 feet; Thence from said point



of beginning and along the Southwesterly boundary of the pumping plant reservation North $31^{\circ} 09'$ West, 208.71 feet; Thence South $35^{\circ} 00'$ West, 208.71 feet; Thence South $31^{\circ} 09'$ East, 208.71 feet to center of levee and an intersection with Course No. 102 of said map; Thence South $31^{\circ} 09'$ East to low water line of Sand Mound Slough; Thence Easterly along the low water line of Sand Mound Slough to an intersection with the Southwesterly boundary of the pumping plant reservation extended Southerly; Thence along said Southwesterly line North $31^{\circ} 09'$ West to the point of beginning. Containing approximately 1 acre.

ALSO EXCEPTING THEREFROM THE FOLLOWING:

Commencing at a point in the center of the levee, at the most Southerly corner of Division D of said map, from which point of commencement an iron pipe monument in the Northwesterly boundary of Division D and described in deed recorded in Book 198 of Deeds, Records of said County, at Page 267, bears North $26^{\circ} 08' 08''$ West, 3,898.62 feet; Thence from said point of commencement and along Course No. 89 of said map North $64^{\circ} 15'$ East, 208.71 feet to the true point of beginning; Thence from said true point of beginning North $33^{\circ} 30'$ West, 208.71 feet; Thence South $64^{\circ} 15'$ West, 208.71 feet to center of levee and an intersection with Course No. 88 of said map; Thence South $64^{\circ} 15'$ West to the low water line of Piper Slough; Thence Southerly along the low water line of Piper Slough and Easterly along the low water line of Sand Mound Slough to an intersection with a line drawn South $33^{\circ} 30'$ East from the true point of beginning; Thence North $33^{\circ} 30'$ West to the true point of beginning. Containing approximately 1 acre.

ALSO EXCEPTING THEREFROM all oil, gas, oil shale, coal phosphate, sodium, gold, silver and all other metals and minerals and incidental rights and rights of way as reserved in the deed executed by The Regents of the University of California, a corporation, recorded May 16, 1945 in book 600 of Official Records, page 210, Records of Contra Costa County.

Together with all of the Grantor's right, title and interest in and to all water and water rights, whether surface or subsurface, or of any other kind, including all appurtenant water and water rights, and all water and water rights in any wise incident to the real property herein described, or used thereon or in connection therewith, and all other appurtenant rights and easements pertaining to said real property.

TO HAVE AND TO HOLD the above granted and described real prop-
erty, its incidents and appurtenances, unto said State of California,
its successors and assigns forever.

IN WITNESS WHEREOF, W.C. have hereunto set own hands,
this 14th day of April, 1960.

CALIFORNIA PEAT COMPANY, INC.
a California corporation

By [Signature]
By [Signature]



STATE OF CALIFORNIA,
CITY & County of SAN FRANCISCO } ss.

On this 4th day of April in the year one thousand nine hundred and Sixty
before me, DODD M. McRAE, a Notary Public in and for the City and County of
San Francisco.

RALPH L. FOY and L. M. MEHAFFEY, State of California, residing therein, duly commissioned and sworn, personally appeared
known to me to be the President and Secretary respectively
of the corporation described in and that executed the within instrument, and also known to me to be
the person who executed the within instrument on behalf of the corporation therein named, and
acknowledged to me that such corporation executed the same.

IN WITNESS WHEREOF I have hereunto set my hand and affixed my official seal in the
City and County of San Francisco the day and year in this certificate
first above written.

DODD M. McRAE

Notary Public in and for the City & County of San Francisco State of California.

Cowdery's Form No. 28—(Acknowledgment—Corporation).
(C. C. Secs. 1190-1190.1)

My Commission Expires October 8, 1960

CERTIFICATE OF ACCEPTANCE

The Department of Natural Resources, on behalf of the State of California, pursuant to Section 5006 of the Public Resources Code, hereby accepts the conveyance from The Regents of the University of California

_____ to the State of California, dated April 16, _____, 19 60 and, in accordance with the provisions of Section 27281 of the Government Code, consents to the recording thereof.

June 23, 1960
(Date)

DEPARTMENT OF NATURAL RESOURCES

By [Signature], Chief
Division of Administrative Services

The Department of Finance consents to, and approves, the acquisition of the real property hereinabove described.

June 23, 1960
(Date)

DEPARTMENT OF FINANCE
John E. Carr
Director of Finance

By [Signature]
T. H. Mugford, Deputy

orc
5/1

RECORDED AT REQUEST OF
WILSON BROS. REAL ESTATE COMPANY
CONTRA COSTA DIVISION
JUL -5 1960
AT 1:20 O'CLOCK P. M.
CONTRA COSTA COUNTY RECORDS

W. T. PAASCH
COUNTY RECORDER
FEE \$ [Signature]

D E E D

THE UNDERSIGNED, THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, a corporation, for and in consideration of the sum of TEN AND NO/100 DOLLARS (\$10.00) in lawful money of the United States of America, receipt of which is hereby acknowledged, hereby grants to the State of California all of its right, title and interest of every kind in and to all that real property situated in the County of Contra Costa, State of California, bounded and described as follows:

Division D as shown on the map of Subdivision of Lands of Franks Reclamation Company, filed February 6, 1905, in book B of Maps, page 40, in the office of the County Recorder of Contra Costa County, being portions of South 1/2 of Northeast 1/4 of Section 11; the fractional northeast 1/4 of Section 14; fractional Northwest 1/4 of Section 13; and fractional portion of South 1/2 and fractional Southwest 1/4 of Northwest 1/4 of Section 12, Township 2 North, Range 3 East, Mount Diablo Base and Meridian, containing an area of 502.25 acres and running to low water line of Piper Slough and Sand Mound Slough.

EXCEPTING THEREFROM the following:

BEGINNING at a point in the center of the levee at the most Westerly corner of Division D of said map, said corner also being the Southeasterly terminus of course No. 81 of said map and shown as having a bearing of South 31° 30' East and a distance of 5.87 chains, also from which said point of beginning an iron pipe monument on the Northwesterly boundary of said Division D and as described in Book 198 of Deeds, Records of said County at Page 267, bears North 42° 45' East 66.00 feet; Thence from said point of beginning and following the common boundary of Division C and Division D South 42° 45' West to the line of low water of Piper Slough; Thence Southerly along the low water line of Piper Slough to an intersection with a line drawn South 42° 45' West from a point on course No. 82 of said map, which is located South 31° 30' East, 208.71 feet from said point of beginning; Thence North 42° 45' East to last said point and center of levee; Thence North 42° 45' East, 208.71 feet; Thence North 31° 30' West, 208.71 feet to the Northwesterly line of Division D; Thence along said line South 42° 45' West, 208.71 feet to the point of beginning. Containing approximately 1 acre.

ALSO EXCEPTING THEREFROM THE FOLLOWING:

BEGINNING at a point in the center of the levee, at the most Easterly corner of Division D of said map and the most Southerly point of the pumping plant reservation, from which point of beginning an iron pipe monument in the Northwesterly boundary of Division D and as described in deed recorded in



Book 198 of Deeds, Records of said County at Page 267 bears South $88^{\circ} 37' 51''$ West, 6,491.10 feet; Thence from said point of beginning and along the Southwesterly boundary of the pumping plant reservation North $31^{\circ} 09'$ West, 208.71 feet; Thence South $35^{\circ} 00'$ West, 208.71 feet; Thence South $31^{\circ} 09'$ East, 208.71 feet to center of levee and an intersection with Course No. 102 of said map; Thence South $31^{\circ} 09'$ East to low water line of Sand Mound Slough; Thence Easterly along the low water line of Sand Mound Slough to an intersection with the Southwesterly boundary of the pumping plant reservation extended Southerly; Thence along said Southwesterly line North $31^{\circ} 09'$ West to the point of beginning. Containing approximately 1 acre.

ALSO EXCEPTING THEREFROM THE FOLLOWING:

Commencing at a point in the center of the levee, at the most Southerly corner of Division D of said map, from which point of commencement an iron pipe monument in the Northwesterly boundary of Division D and described in deed recorded in Book 198 of Deeds, Records of said County, at Page 267, bears North $26^{\circ} 08' 08''$ West, 3,898.62 feet; Thence from said point of commencement and along Course No. 89 of said map North $64^{\circ} 15'$ East, 208.71 feet to the true point of beginning; Thence from said true point of beginning North $33^{\circ} 30'$ West, 208.71 feet; Thence South $64^{\circ} 15'$ West, 208.71 feet to center of levee and an intersection with Course No. 88 of said map; Thence South $64^{\circ} 15'$ West to the low water line of Piper Slough; Thence Southerly along the low water line of Piper Slough and Easterly along the low water line of Sand Mound Slough to an intersection with a line drawn South $33^{\circ} 30'$ East from the true point of beginning; Thence North $33^{\circ} 30'$ West to the true point of beginning. Containing approximately 1 acre.

ALSO EXCEPTING AND RESERVING unto to the said grantor, its successors and assigns, all oil, gas, oil shale, coal, phosphate, sodium, gold, silver and all other metals and minerals of any character in and under said property, but without any right in the grantor to use or disturb the said property within 100 feet of the surface.

Together with all of the Grantor's right, title and interest in and to all water and water rights, whether surface or subsurface, or of any other kind, including all appurtenant water and water right and all water and water rights in any wise incident to the real property herein described, or used thereon or in connection therewith and all other appurtenant rights and easements pertaining to said real property.

TO HAVE AND TO HOLD the above granted and described real property, its incidents and appurtenances, unto said State of California, its successors and assigns forever.

IN WITNESS WHEREOF, we have hereunto set our hands, this 6 day of April, 1960.

THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, a Corporation

APPROVED AS TO FORM: *R.W.*

By *Donald H. McLaughlin*
CHAIRMAN

By *S. J. Thomson*
Assistant Secretary

MILTON H. GORDON
ASSISTANT COUNSEL OF THE REGENTS
OF THE UNIVERSITY OF CALIFORNIA

WITNESS:

Josephine Opalke

State of California } ss.
County of Alameda

On this 6 day of April, 1960, before me, ELIZABETH O. HANSEN, a Notary Public in and for said County of Alameda, duly commissioned and sworn, personally appeared Donald H. McLaughlin and S. J. Thomson

known to me to be the Chairman and Assistant Secretary respectively,

of the corporation that executed the within instrument and known to me to be the persons who executed the within instrument on behalf of the corporation therein named and acknowledged to me that such corporation executed the same.

In Witness Whereof, I have hereunto set my hand, and affixed my Official Seal, at my office in the county of Alameda, the day and year in this Certificate first above written.

Elizabeth O. Hansen
ELIZABETH O. HANSEN, Notary Public
County of Alameda, State of California
Commission expires 8-28-60



INVENTORY OF RECREATIONAL FACILITIES

Revised November 1997

Prepared

by staff of the

Delta Protection Commission

P.O. Box 530 Walnut Grove, CA 95690

(916) 776-2290

email: delta@ns.net

<http://www.delta.ca.gov>

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PREFACE

The Delta Protection Commission was formed as a result of State legislation passed in 1992. The legislation states "the delta's waterways and marinas...[and] recreational boating within the delta is of statewide and local significance and is a source of economic benefit to the region..."(Public Resources Code Section 29712).

The Commission was charged with developing a "comprehensive long-term resource management plan for land uses within the primary zone of the delta" including "preserve and protect open-space and outdoor recreation opportunities" and "preserve and protect opportunities for controlled public access and use of public lands and waterways consistent with the protection of natural resources and private property interests" and preserve, protect, and maintain navigation".

The Commission prepared a series of background reports, including one on recreation and access, which noted a lack of current data on recreational uses of the Delta Primary Zone. The Commission and the Department of Boating and Waterways entered into a contract with the Department of Parks and Recreation to prepare a user survey [see Sacramento-San Joaquin Delta Recreation Survey, August 1997]. In addition, the Commission's staff was directed to prepare a survey of recreational facilities in the Delta, focusing on the Primary Zone.

This survey of recreation facilities does not adequately describe the scope and extent of recreation in the Delta, because those facilities serve many individuals who come from out of the Delta to use the Delta waterways. For example, the number and location of launch ramps does not adequately indicate the number of users of the waterways, nor does it adequately describe the economic impacts of recreationalists in the Delta.

The Delta is part of an extensive area of waterways that cover San Francisco Bay, and stretch north and south along the rivers in the Delta watershed. Within the Legal Delta, water covers approximately 61,000 acres of the 738,493 acres; the Primary Zone is 51,000 acres of water covered area within the total 491,774 acre area (Department of Water Resources, Report on Land Use Patterns in the Sacramento-San Joaquin Delta, 1993).

The regional population for the Bay Area is approximately 6.5 million with another two million persons in Sacramento, San Joaquin, and Yolo Counties. This creates a pool of 8.5 million persons of potential recreationalists within a reasonable travel distance of the Delta.

While the inventory of marinas in the Legal Delta indicates over 12,000 berths, the number of registered vessels in the nine Bay Area counties and the Delta counties total almost 250,000 (Department of Motor Vehicles, Total Vessel Registration by County as of December 31, 1996); which is more than 28% of vessels registered Statewide. Sacramento and San Joaquin Counties alone have 67,613 registered vessels

including anything from a large sailing vessel to a personal watercraft (aka jet ski).

Statewide, of the 881,092 vessels registered with Department of Motor Vehicles, more than half are less than 16 feet in length. About one-third of those small vessels are "jet" propelled, and a little less than half are outboards. Many of these vessels are stored at home-- in driveways and garages throughout the region.

Vessels of varying sizes are stored in the hundreds of dry storage spaces located in and around the Delta region. While many marinas provide dry storage spaces (13 in the Delta area are listed in the 1997 Cal/North Directory) almost twice as many dry land storage facilities are located in and around the Delta region (24 are listed in the 1997 Cal/North Directory).

In addition to the large number of people served by the recreational opportunities in the Delta, there is a large economic benefit to the region and the State as a whole. A 1997 report prepared for Department of Boating and Waterways indicated gross receipts statewide of over \$28 million from dry storage; \$178 million from marinas (wet storage); \$123 million from launching fees; almost \$11 million from marina service stations; \$1.1 billion from boat dealers; and \$78 million from personal watercraft dealers. Boaters impact spending on other industries, such as groceries, restaurants, gas stations and drugstores in connection with their boating activities. The 1995 expenditures in these non-boating industries by boaters statewide totaled \$1.3 billion. Lastly, the survey looked at taxes generated by the boating industry; including state taxes generated (personal and corporate income taxes, gasoline taxes, and boat licensed and fees); local property taxes (boats, marinas, and other boating businesses); and other local revenues (sales tax and business licenses). For the entire State, those revenues were over \$588 million in 1995.

Recreational facilities in the Delta should be evaluated along with the survey of users prepared by the Department of Parks and Recreation for the Delta Protection Commission and the Department of Boating and Waterways. The inventory of facilities is intended to gather into one document information about public and private facilities which provide recreational opportunities in the Delta area which takes advantage of the unique Delta resources, particularly the waters of the Delta.

The inventory of recreational facilities is not intended to be a guidebook, merely a resource for private and public planners, and the general public interested in what types of recreation facilities are located in the Delta. The inventory does include information about how to obtain specific information about the recreation facilities listed in the inventory.

INTRODUCTION

Background

In May of 1995, the Delta Protection Commission and the Department of Boating and Waterways entered into an agreement with the Department of Parks and Recreation to study recreation uses of the Delta, focusing on boating and fishing. Department of Water Resources contributed in-kind services and staff hours. The purpose of the study is to provide current recreational use figures for the entire Legal Delta for use by the Commission and by other federal, State, regional and local agencies in their planning processes.

A Recreation Oversight Subcommittee was appointed by the Commission. Members include Commissioner Don Nottoli, Supervisor, Sacramento County, as Chair; Commissioner Bill Curry, Department of Boating and Waterways; Commissioner Donald Murphy, Director, Department of Parks and Recreation; Judy Higley as staff representative for Department of Water Resources; Warden Mervin Hee for Department of Fish and Game; and citizen members: Sally Shanks, Staten Island, San Joaquin County; Chris Lauritzen, Harbormaster, Lauritzen Yacht Harbor, Antioch; Steve Woodard, Herman and Helen's Marina, San Joaquin County; and Gil Labrie, Labrie Architects, Sacramento County. The group met several times to review the questionnaires and help oversee the survey process, and to review the survey results.

As part of the overall work program prepared by the Department of Parks and Recreation, the Delta Protection Commission staff prepared an inventory of Delta recreational facilities. The task is described "Identify and inventory existing recreation facilities and other recreation opportunities; identify and document current recreation opportunities in the Delta: inventory and map existing parks, fishing access locations, and other public recreation lands/facilities; inventory and map hunting clubs, yachting clubs, and other private recreational opportunities; inventory and map private property used for informal recreation; and inventory significant historical and cultural resources." The inventory focuses on sites in the Primary Zone, with some sites in the Secondary Zone where those sites take advantage of the waterways and resources of the Primary Zone.

Preparation of Inventory

The inventory was prepared by gathering and reviewing a number of written sources, and verified through a site visit to each site. The site visits were completed in October of 1995; new information has been added since that time to update the inventory. Each site has an inventory sheet and each site was mapped on USGS quad maps of the Delta. The information was gathered using a Department of Boating and Waterways inventory of

marinas, and numerous other sources including marina listings, magazines, guidebooks, maps, local planning reports and documents, newspaper articles, and other sources (see references).

The sites have been mapped in the Commission's Geographic Information System prepared by Teale Data Center, the Commission's mapping consultant. Preliminary versions of the listings and maps were reviewed by local government planning and recreation departments, the Oversight Subcommittee, and the Recreation Citizens Advisory Committee.

Presentation of the Inventory

The information in the inventory is presented two ways: County by County, and by Type of Recreational Facility. In each presentation the information is presented three ways. First, there is a written description of the facilities, followed by a chart of the inventory information, and, finally, a map illustrating the geographic distribution of the recreational facilities.

The numbering system is organized by County: Solano County begins with #1; Yolo County begins with #50; Sacramento County begins with #100; San Joaquin County begins with #200; and Contra Costa County begins with #300.

The charts presenting County-by-County information are organized by **type of facility** starting with marinas, and followed by, launch ramps, yacht clubs, fishing access, parks, preserves, and, lastly, other types of facilities.

The charts presenting facilities by type, are organized by County starting with Solano County, and followed by Yolo, Sacramento, San Joaquin, and Contra Costa Counties.

A list of maps, Internet sites, booklets, and books prepared for use by the general public is included at the end of the report. The price and information on where to obtain this information is also included.

DESCRIPTION OF RECREATIONAL FACILITIES COUNTY BY COUNTY

Solano County

Solano County's Delta lands lie on the western edge of the Legal Delta covering about 86,000 acres, or approximately 17 percent of the Primary Zone. The land includes property to the east and the west of the Sacramento Deep Water Ship Channel, and to the west of the western levee of the Yolo Bypass. Islands and tracts in the Primary Zone include: Hastings Tract, Prospect Island, and Ryer Island. Waterways in the County include Barker Slough, Cache Slough, Hastings Cut, Hoss Slough, Lindsey Slough, Sacramento River, and the Sacramento Deep Water Ship Channel. The City of Rio Vista is largely outside the Legal Delta, with a small area in the Primary Zone.

Solano County has three marinas, all privately owned. Two of the marinas qualify as "medium" marinas and the third is a "large" marina. Arrowhead Harbor, on Prospect Island by Miner Slough, has 76 berths, is a "medium" marina (between 50 to 200 berths). Arrowhead also has a launch ramp and picnic facilities. Snug Harbor Resort on Ryer Island by Steamboat Slough is another "medium" marina with 100 berths, a launch ramp, 88 camping sites, picnicking facilities, and a fishing pier. Both of these marinas are within the Primary Zone of the Delta. The County's "large" marina is Delta Marina located in Rio Vista on the Sacramento River out of the Legal Delta, but directly adjacent to the waters of the Primary Zone. Delta Marina includes 275 berths, a launch ramp, 25 RV camping sites, and a pump-out.

There are five launching facilities within Solano County. Three ramps are in the private marinas (see above). Two public ramps are located at Rio Vista Fishing Access in Rio Vista on the Sacramento River and at Sandy Beach Park south of Rio Vista also on the Sacramento River. The public ramps are outside the Legal Delta.

Camping in Solano County is provided at three locations including: Delta Marina, with 25 camping sites; Snug Harbor Resort, with 88 camping sites; and Sandy Beach Park, with 42 camping sites.

Picnic areas are located at several sites in Solano County including: Arrowhead Harbor, Snug Harbor Resort, Rio Vista Fishing Access, Rio Vista Riverbank Fishing Access, Sandy Beach Park, and the Western Railway Museum.

Formal fishing access is provided at Snug Harbor Resort, which is privately owned; at a pier in Sandy Beach Park which is a County Regional Park with camp sites, a trail, picnic sites, and a launch ramp; and at the two fishing sites in Rio Vista: Rio Vista Public Fishing Access and at a pier at the Rio Vista Riverbank Fishing Access.

Trails are located at Sandy Beach Park and at the Nature Conservancy's Jepson Prairie Preserve located on Calhoun Cut near Barker Slough.

There are two private Yacht Clubs in Solano County. One is located outside the boundaries of the Legal Delta in Rio Vista; one is in the Primary Zone on Cache Slough.

The one public park in the Delta area is Sandy Beach Park in Rio Vista on the Sacramento River. This park has 42 campsites, a fishing pier, a scenic trail, picnicking sites, and a launch ramp. The Park is outside the Legal Delta, adjacent to the waters of the Primary Zone.

Two "other" facilities exist in Solano County. One is the Jepson Prairie Preserve, which was recently transferred from Nature Conservancy to the Solano County Farmlands and Open Space Foundation. The Preserve has a trail through its 1,566 acres of vernal pools and grasslands. The other facility is the non-profit Western Railway Museum located at the Rio Vista Junction. This facility offers rail excursions through the Jepson Prairie in wildflower season. The facility also has a museum and picnicking facilities.

The Hastings Island Hunting preserve is a private upland game bird hunting facility occupying most of Hastings Tract, covering approximately 4,700 acres.

Yolo County

Yolo County lies in the northernmost portion of the Delta and makes up about 15 percent of the Primary Zone, approximately 75,000 acres. The County lands are bisected by the Sacramento Deep Water Ship Channel, which connects the Sacramento River near Rio Vista to the Port of Sacramento in West Sacramento. The lands west of the ship channel make up much of the Yolo Bypass, a federal floodway. The lands east of the ship channel include: Merritt Island, Little Holland Tract, and Liberty Island. The waterways in the County include Elk Slough, the Sacramento Deep Water Ship Channel, the Sacramento River, and Winchester Lake. The major city outside of the Primary Zone in Yolo County is West Sacramento. The only community in the Primary Zone is Clarksburg.

There are five marinas in Yolo County, three are "medium" marinas, containing 50 to 200 berths, and two are "small" marinas, with less than 50 berths. All of these marinas are privately owned. The three "medium" marinas are located in the Secondary Zone of the Delta and include: the Four Seasons Marina, Sherwood Harbor, and the Sacramento Yacht Club, all in West Sacramento on the Sacramento River. The two small marinas located in the Primary Zone of the Delta are: Clarksburg Marina and StanÆs Yolo Marina, both located in Clarksburg on the Sacramento River.

There are five launch facilities in Yolo County. Three of the ramps are privately owned by marinas or clubs. Two launch ramps are publicly owned and operated: Clarksburg Public Fishing Access on Merritt Island on the Sacramento River, and Broderick Boat Ramp in West Sacramento on the Sacramento River.

One facility provides camping sites: the Sherwood Harbor Marina in West Sacramento on the Sacramento River. This facility has 39 camping sites, 85 berths, and areas designated for picnicking.

Fishing access is provided at Clarksburg Public Fishing Access on Merritt Island on the Sacramento River.

At the Port of Sacramento there is a private sailing club and a private rowing club. These sites are in the Secondary Zone.

The 3,500 acre Yolo Bypass Wildlife Area just South of I-5 is jointly managed by Department of Fish and Game and Yolo Basin Foundation. A driving tour and trails are open for wildlife viewing. Public hunting is allowed in some areas.

There are a large number of private duck clubs in Yolo County, all located in the Yolo Bypass. The clubs vary greatly in size ranging from 30 acres to 3,244 acres.

One other facility in Yolo County is the Yolo Short Line Railroad which connects Woodland to Clarksburg, and features excursion trips to and through the Primary and Secondary Zones of the Delta.

Sacramento County

Sacramento County is located in the northeastern and western area of the Delta, from I-5 southwest to the confluence of the Sacramento and San Joaquin Rivers, covering about 95,000 acres, approximately 19 percent of the Primary Zone. Additional County lands are in the Secondary Zone and outside the Legal Delta and provide access to the Delta waters. Islands and tracts in the Primary Zone include: Pierson District, Sutter Island, Grand Island, McCormack Williamson Tract, Dead Horse Island, Tyler Island, Brannan-Andrus Island, Twitchell Island, and Sherman Island. Much of Brannan-Andrus Island north of Highway 12 is in the Secondary Zone. The State of California owns much of the land in the southernmost part of the County, including large portions of Sherman and Twitchell Islands, and

Brannan Island State Recreation Area. Delta water areas include Georgiana Slough, the North Fork of the Mokelumne River, the Sacramento Deep Water Channel, the Sacramento River, the San Joaquin River, and Sevenmile Slough. Cities and communities within the Primary Zone include: Courtland, Hood, Locke, Walnut Grove, and Ryde. The City of Isleton is located in the Secondary Zone.

Sacramento County is home to a variety of public and privately owned small, medium and large sized marinas. "Small" marinas contain 50 or fewer berths. There are 14 small marinas, all are privately owned, with a berth range of six to 47. Most are located in the Primary Zone of the Delta and grouped around Andrus Island, the City of Sacramento, and the Walnut Grove area.

Fourteen "medium" marinas exist in the County; all are privately owned. Medium marinas have between 50 and 200 berths. Those within Sacramento County are from 54 to 180 berths. These medium sized marinas are primarily found in the areas surrounding the City of Sacramento, Andrus Island, Sherman Island, Brannan Island, and Walnut Grove; most of these are located within the Primary Zone of the Delta. One is located outside the Legal Delta, in the City of Sacramento, with access to the waters of the Primary Zone.

Seven "large" marinas are located in Sacramento County, each containing over 200 berths. All of these marinas are privately owned, except for the Sacramento Marina in the City of Sacramento, on the Sacramento River. The Sacramento Marina is one of the largest with 553 berths, a launch ramp, and a trail. Most of the "large" marinas are grouped on Andrus Island within the Primary Zone of the Delta.

There are a large number of launch ramps throughout Sacramento County, most of which are located in the Primary Zone, with a few in the Secondary Zone and outside of the Legal Delta. The ramps are clustered in the City of Sacramento, Andrus Island, Brannan Island, and Sherman Island. Many of the ramps are in privately owned marinas. Some of the ramps are located at public launch facilities, which also often include picnic sites, public trails, fishing access, and sometimes beach access and windsurfing sites. A very large facility is located at Brannan Island State Recreation Area on Brannan Island on the Sacramento River. Brannan Island State Recreation Area also has 32 berths, 102 camping sites, picnic facilities, fishing access, public trail, and beach access.

Tent and RV camping sites are located in Sacramento County. Most of the camping sites are located in privately owned marinas. These camping sites are primarily on the Brannan Island, Andrus Island, and in the City of Sacramento. Brannan Island State Recreation Area has extensive camping facilities, as well as a launch ramp. Several private marinas and resorts provide campsites. Delta Isle, on Andrus Island, has the largest number of camping sites--212. This resort also includes 35 berths, picnic sites, and a fishing pier.

There are a large number of picnic areas provided throughout Sacramento County in both public and private facilities. All of the publicly owned launch ramp and fishing access sites also provide picnicking sites.

Formal fishing access is located at a few private marinas, and is generally provided at the publicly owned launch ramps and parks. The County provides fishing access at several sites along the Sacramento River including the Cliffhouse Fishing Access and Georgiana Slough Access.

Trails in the Primary Zone are limited in number. Brannan Island State Recreation Area has numerous trails, and the Department of Parks and Recreation has converted the old railroad right-of-way behind Locke to a gravel trail. There are trails at several facilities in the Secondary Zone, such as Cosumnes Preserve and Stone Lakes Wildlife Refuge trails, which allow wildlife observation. Additional trails are located in the City of Sacramento including: Discovery Park; Garcia Bend Park; and Miller Park. The City has recently adopted a master plan to expand levee-top trails along the Sacramento and American Rivers.

Four private Yacht Clubs are located in Sacramento County: two on the San Joaquin River, one on the Mokelumne, and one on Georgiana Slough. Three are located within the Primary Zone of the Delta and one in the Secondary Zone.

The only State parks in the Delta are located in Sacramento County: Brannan Island State Recreation Area and Delta Meadows River Park, near Locke. There is also a private/public preserve, Cosumnes River Preserve, on the Cosumnes River and a federal wildlife refuge, Stone Lakes Wildlife Refuge, at Stone Lakes. The Refuges include lands owned by Sacramento County, the State, and Fish and Wildlife Service. All of these areas, except for parts of the Cosumnes River Preserve, are located within the Primary Zone of the Delta and have trails, although the Refuge trails are open on a limited basis. The Cosumnes Preserve has an on-site visitor facility.

Sherman Island Waterfowl Management Area at the southern end of Sherman Island is managed for public hunting and fishing from boats; there are no land facilities. This area is owned and managed by Department of Fish and Game, and is located in the Primary Zone.

The Sacramento River, from Rio Vista to the tip of Sherman Island, provides unique opportunities for windsurfing. Formal and informal facilities support wind-surfing providing sales and rental of equipment, physical access to the water, and camping sites for windsurfers. The windsurfer support sites in Sacramento County are located on Brannan and Sherman Islands in the Primary Zone.

All but one of the registered historic sites in the Primary Zone are located within Sacramento County. Walnut Grove sites include: Imperial Theater, Gauken Hall, the Walnut Grove Japanese-American Historic District, the Walnut Grove Chinese-American Historic District, the Walnut Grove Commercial/Residential Historic District, and Jean Harvie School. Others historic sites in the County include: Rosebud Ranch near Hood, Chinese and Japanese Commercial Districts in Isleton, Delta Meadows (archeological site) near Locke, the Town of Locke, and the River Mansion on Grand Island (see map of Historic Sites).

Contra Costa County

Contra Costa County is located in the southwestern portion of the Primary Zone and covers approximately 47,000 acres, about ten percent of the Primary Zone. Portions of the County are located within the Secondary Zone of the Delta and provide access to Primary Zone waters. Islands and tracts within the Primary Zone include: Browns Island (within the City of Pittsburg), Winter Island, Jersey Island, Bradford Island, Webb Tract, Holland Tract, Palm Tract, Orwood Tract, Knightsen area, and Coney Island. The areas in the Secondary Zone include: Bethel Island, Hotchkiss Tract, and Veale Tract. Water areas include: Big Break, partially owned by East Bay Regional Park District, and Clifton Court Forebay (Department of Water Resources). Most of Jersey Island has been purchased by Ironhouse Sanitary District and is proposed to be used for disposal of treated wastewater and biosolids. A pending private project would use Webb Tract as a reservoir and much of Holland Tract as managed wetland and recreation (Delta Wetlands project). Major cities within the Secondary Zone include Antioch, Brentwood, Discovery Bay, Oakley, and Pittsburg. Within the Primary Zone are the Communities of Knightsen and Bethel Island.

Contra Costa County has a large number of marinas, both public and private. Many marinas provide for other recreational activities such as camping, fishing, houseboat rentals, and picnic sites. "Small" marinas contain 50 or fewer berths. There are 19 small marinas within the Delta in Contra Costa County. They are located in the Secondary Zone of the Delta in the Bethel Island and Hotchkiss Tract areas, and range in size from seven to 46 berths. All of these small marinas are privately owned and operated.

"Medium" marinas are those which have between 50 to 200 berths. Twelve medium sized marinas are located in the Secondary Zone of the Delta, again primarily in the Bethel Island area. The number of berths ranges from 52 to 160. All of these marinas are privately owned and operated.

"Large" marinas contain more than 200 berths. There are eight large marinas within the County, located in Pittsburg and Antioch in the Secondary Zone of the Delta. The large marinas range from 203 to 722 berths. Most of these marinas are privately owned. There are two large public marinas: the Antioch Marina with 285 berths and a public trail, fishing pier, and other public amenities; and the Pittsburg Marina with 722 berths and a boat ramp.

There are many launch facilities within Contra Costa County. Almost all of the ramps are located within marinas in the Secondary Zone of the Delta, most in the areas around Bethel Island and Hotchkiss Tract.

Camping sites are also found within the County in the Delta. Camping includes tent and RV camp sites. All of the identified camping sites are privately owned, and located within marinas. The number of camping sites range from about 2 to 500 sites per facility. Orwood Resort on Orwood Tract on the Old River has the largest number of camping sites, 500. The Resort also provides launch ramp, picnic area, and fishing access.

A limited number of picnic areas are provided at private marinas: there are a couple on Bethel Island, a couple on Orwood Tract, and a few in Antioch. Publicly owned picnic areas are provided at: Antioch Muni Boat Ramp in Antioch on the San Joaquin River; Antioch Regional Shoreline in Antioch on the Sacramento River; Riverview Park in Pittsburg on the Sacramento River; and Barbara Price Marina Park in Antioch on the Sacramento River.

Formal fishing access is provided at a few marinas and at several sites created specifically for fishing. The marinas which provide fishing access are privately owned. Public fishing sites include: Antioch Regional Shoreline in Antioch on the Sacramento River; Clifton Court Forebay in Italian Slough; Frank's Tract State Recreation Area (from boats only); Riverview Park in Pittsburg on the Sacramento River; and Riverview Lodge Pier in Pittsburg on the Sacramento River. Most of these fishing access sites are located in the Antioch and Pittsburg areas.

Trail sites in Contra Costa County include the Antioch Riverfront Promenade, Antioch Marina in Antioch along the San Joaquin River, and Marsh Creek Trail between Oakley and Brentwood along Marsh Creek--a five and a half mile long trail.

Eight private Yacht Clubs are located within the Delta area of Contra Costa County. They are located within the Secondary Zone of the Delta, primarily in Antioch and around Bethel Island.

Two public parks are located on the Delta waterfront. One is East Bay Regional Park District's Antioch Regional Shoreline in Antioch on the Sacramento River in the Secondary Zone, which includes facilities for picnicking and fishing. Another is the Barbara Price Marina Park in Antioch on the Sacramento River, also in the Secondary Zone, which contains picnic facilities and a public walkway. East Bay Regional Park District owns Browns Island and the western half of Big Break; neither site has any recreational facilities.

Franks Tract State Recreation Area and Big Break allow public hunting access during waterfowl hunting season. Franks Tract is located in the Primary Zone of the Delta and also allows fishing as well; hunting is allowed from permitted floating blinds and from boats. Big Break, near Oakley has been used for waterfowl hunting for many years; EBRPD will allow hunting to continue from floating blinds or boats.

San Joaquin County

San Joaquin County's Primary Zone lands are located in the southern and western sections of the Legal Delta covering about 190,000 acres, approximately 39 percent of the Primary Zone. The lands include the areas generally bound by I-5 to the east, Old River to the south, Old River and the Mokelumne River to the west and the Mokelumne River to the north. Waterways in the Primary Zone include: Bear Creek, the Calaveras River, the Stockton Deep Water Channel, the Middle River, the North and South Forks of the Mokelumne River, Old River, and the San Joaquin River. Islands and tracts in the Primary Zone include: New Hope Tract, Canal Ranch, Brack Tract, Terminous Tract, Staten Island, Bouldin Island,

Venice Island, Empire Tract, King Island, Mandeville Island, Medford Island, Rindge Tract, McDonald, Bacon Island, Lower and Upper Jones Tract, Lower, Middle, and Upper Roberts Islands, Union Island, Fabian Tract, Woodward Tract, and Victoria Island. Much of the City of Stockton is located in the Secondary Zone, with some City lands on Roberts Island in the Primary Zone.

Numerous marinas are located within the County boundaries; all of these marinas are privately owned and operated. "Small" marinas contain 50 or fewer berths. There are six small marinas which range from ten to 43 berths. Four of these marinas are located in the Primary Zone of the Delta; two are located within the Secondary Zone. These marinas are scattered throughout the Delta: one on the Middle River, two on the San Joaquin River, two on the South Fork of the Mokelumne River, and one on the Deep Water Channel.

"Medium" marinas contain between 50 to 200 berths. Eight medium marinas are located in the Primary and Secondary Zones of the Delta. Several are on the banks of the San Joaquin River and the Deep Water Channel; others are on Little Potato Slough, Disappointment Slough, Fabian and Bell Canals, Turner Cut, and Whiskey Slough. Houseboat rentals are available at Herman and Helen's and Holiday Harbor Marina.

"Large" marinas contain more than 200 berths. Five large marinas are located in the Primary and the Secondary Zones. These large marinas range from 201 to 700 berths. Three of these marinas are located in the Primary Zone of the Delta bordering Honker Cut and Disappointment Slough, Potato Slough, and Turner Cut. The largest marina, Village West, with 700 berths, is located on Fourteen Mile Slough in the City of Stockton. Three of the large marinas provide houseboat rentals: King Island Resort, Paradise Point Marina, and Tower Park Marina. All of the large marinas include picnic facilities and a boat launch ramp.

There are numerous launching facilities within San Joaquin County. Most of the marinas have launch ramps. Public boat launch facilities include: Morelli Park in Stockton on the Deep Water Channel; Buckley Cove Park in Stockton on the Deep Water Channel; Dos Reis Park in the Lathrop Area on the San Joaquin River; Louis Park in Stockton on the Smith Canal; and Mossdale Crossing in Lathrop on the San Joaquin River. Many of these publicly owned sites include other recreational facilities for picnicking, fishing, camping, and hiking.

Tent and RV camping sites are located throughout the Delta area of San Joaquin County. Most of the camping areas are privately owned and located in marinas; however, there are several publicly owned sites, including Dos Reis Park in the Lathrop Area on the San Joaquin River with 26 camping sites, launch ramps, picnicking sites and fishing access; and Westgate Landing on Terminous Island by the Mokelumne River which has 14 camping sites, 30 berths, picnicking areas, and a fishing pier. The largest camping area is in Tower Park on Terminous Island on Little Potato Slough with 400 camping sites, 390 berths, a launch ramp, and picnicking sites.

There are quite a number of picnic areas located within the San Joaquin County portion of the Delta in privately owned marinas and in publicly owned parks. Public picnicking areas are located at American Legion Park in Stockton, Buckley Cove Park in Stockton on the Deep Water Channel, Dos Reis Park in the Lathrop Area on the San Joaquin River, Mossdale Crossing in Lathrop on the San Joaquin River, and at Westgate Landing on Terminous Island on the Mokelumne River. Marinas which offer picnic facilities to berthers include: King Island Resort, Mossdale Marina, New Hope Landing, Paradise Point Marina, Stephens Anchorage, Tiki Lagun, Tower Park, and Windmill Cove.

Formal fishing access is located at six locations in San Joaquin County. Most formal fishing access is located in publicly owned parks or wildlife areas in the Secondary Zone of the Delta. White Slough Wildlife Area on Terminous and Shin Kee Tracts is a 272 acre wildlife area managed by the Department of Fish and Game which allows fishing access, hunting, and hiking. Other formal fishing access areas are in American Legion Park, Buckley Cove Park, Dos Reis Park, Fritz Grupe Park, and Westgate Landing.

There are four trails in San Joaquin County near the Delta waterways these include: the Bike and Jog

Path in Stockton on the Calaveras River, Louis Park in Stockton on the Smith Canal, Van Buskirk Park in Stockton on Walker Slough, and White Slough Wildlife Area on Terminous and Shin Kee Tracts. All of these trails are publicly owned and managed.

Eleven private Yacht Clubs were inventoried in San Joaquin County. Many are located on the banks of the Stockton Deep Water Channel.

Nine Public Parks are located on the waterfront of San Joaquin County. The City of Stockton sites include: American Legion Park, Buckley Cove Park, Fritz Grupe Park, Louis Park, McLeod Park, and Van Buskirk Park. Other County-owned public parks include: Dos Reis Park, Mossdale Crossing Park, and Westgate Landing. Westgate Landing is located in the Primary Zone. These parks provide fishing access, camping facilities, picnicking facilities, trails, and launch ramps.

Two special wildlife facilities are founded in San Joaquin County. One of these facilities is White Slough Wildlife Area on Terminous and Shin Kee Tracts. This area owned by the State Department of Fish and Game, allows fishing access, and hunting. The other facility is the Woodbridge Preserve on Brack Tract by Hog Slough, owned and managed by the State Department of Fish and Game as seasonal Sandhill Crane habitat. The Department allows wildlife viewing with docent supervision.

DESCRIPTION OF RECREATIONAL FACILITIES BY TYPE

This section of the inventory describes the recreational facilities in the Primary Zone, in the Secondary Zone, and directly adjacent to the Legal Delta by type. The same data collection methodology used to prepare the geographic description of recreation facilities (county by county) was used for this section (see attached list of sources). The written descriptions are followed by charts and by maps which illustrate the location of the recreation facilities deltawide. In the charts, the facilities are grouped by County. The types of facilities are listed in alphabetical order.

Boat Launch Facilities

Boat launch facilities are an amenity found in almost every public and private marina in the Delta area. Most marinas provide at least one launch ramp (a concrete "driveway" into the water where a boat on a trailer is backed into the water, then allowed to float off). Most launch ramps also provide a dock to secure boats after they are launched. Some other marinas provide a launch sling from a crane-type structure, or a hoist on a truck. These facilities are sometimes provided if there is inadequate space for a launch ramp, or if there is a large storage facility on site and using a truck eases launching of boats stored on site.

In addition to boat launch facilities in public and private marinas, there are a number of publicly owned boat launching facilities. These launch facilities are often used by day users, such as water-skiers, to launch personal watercraft, or by fishermen. Fishermen particularly like to have access to launch facilities early in the morning.

Boat launch facilities include: Sandy Beach Regional Park, Rio Vista Fishing Access, Broderick Boat Ramp, Clarksburg Public Fishing Access, Brannan Island State Recreation Area, Discovery Park, Hogback Island Recreation Area, Miller Park, Sherman Island Fishing Access, Tiscornia Park, Antioch Municipal Boat Ramp, Clifton County Forebay (during hunting season only), Buckley Cove Park, Dos

Reis Park, Louis Park, Morelli Boat Ramp Park, and Mossdale Crossing Park. There is often a fee charged for use of these public launch ramps.

Of these public boat launch facilities, five are in the Primary Zone, six are in the Secondary Zone, and six are out of the Legal Delta.

Camping and Picnic Sites

Camping sites are located throughout the Delta, often in association with larger park or resort facilities. Some smaller facilities offer a limited number of camping sites. Forty-three facilities offer camping. Many of the larger marinas in the Delta area provide a

"suite" of recreational facilities to provide for a variety of recreational activities during a vacation or visit. For example, a marina will often provide berths, a launch facility, camping sites, picnic and barbecue facilities, fishing access and water access.

Examples of this type of multi-use facility include Delta Marina, Sandy Beach Regional Park, Snug Harbor, Sherwood Harbor Resort, B & W Resort, Brannan Island State Park, Bruno's Island Yacht Harbor, Delta Bay Club, Delta Isle, Duck Island RV Park, Eddo's Harbor and RV Park, Freeport Marina, Happy Harbor, KoKet Resort, Lighthouse Resort, Martin's Sherman Lake Marina, Outrigger Marina, Owl Harbor, Rancho Marina, Vieira's Resort, Meaders Resort, Bethel Harbor, Delta Resort, Frank's Marina, Russo's Marina, Orwood Resort, Dos Reis Park, Tiki Lagun, Tower Park Marina, Tracy Oasis Marina, Turner Cut Resort, Westgate Landing Park, Whiskey Slough Harbor, and Windmill Cove Marina and RV Park. Most of the larger marinas and resorts that provide camping are located in the Primary Zone of the Delta. Facilities at private marinas are available to tenants and their guests, not the general public. In addition, some of the resorts are managed as private clubs, with use by members only. It should be noted there are very few other options for overnight lodging in the Primary Zone. Some of the larger public marinas have facilities available to the general public, such as trails and picnic areas.

As noted above, picnic facilities are often provided as part of a "suite" of improvements at a larger facilities inviting several days stay. Of these sites, 24 are located in the Primary Zone and nine are in the Secondary Zone.

In addition, 21 public day use facilities provide picnic tables as part of a suite of improvements aimed at boaters and fishermen. Most of the sites are public, or managed by a non-profit group and are available free or with a modest day use fee.

Picnic sites are located at: Western Railway Museum, Rio Vista Public Fishing Access, Rio Vista Riverbank Fishing Access, Cliffhouse Fishing Access, Cosumnes River Preserve, Discovery Park, Garcia Bend Park, Georgiana Slough Fishing Access, Hogback Island Recreation Area, Miller Park, Sherman Island Fishing Access, Windy Cove, Tiscornia Park, Barbara Price Marina Park, Antioch Muni Boat Ramp, Antioch Regional Shoreline, Riverview Park, American Legion Park, Buckley Cove Park, Dos Reis Park, and Mossdale Crossing Park.

Five day use sites with picnic facilities are located in the Primary Zone, ten in the Secondary Zone, and six outside the Legal Delta. Many of the facilities are in Sacramento and Stockton, areas with large populations that seek access to the waters of the Delta.

Fishing Access

Formal fishing access on the shoreline is provided at a number of locations in the Primary Zone, the Secondary Zone and adjacent to the Legal Delta. In addition, many fishermen fish from their boats and many people fish from the banks of the levees, adjacent to public roadways. The informal parking sites are not included in this inventory.

Fishing is provided in a number of the larger marinas, again as part of a suite of improvements for

recreational users. In addition, many public day use facilities emphasize fishing access and facilities. The day use facilities with fishing access include: Sandy Beach Regional Park, Rio Vista Public Fishing Access, Rio Vista Riverbank Fishing Access, Clarksburg Public Fishing Access, Brannan Island State Recreation Area, Cliffhouse Fishing Access, Delta Meadows River Park, Discovery Park, Garcia Bend Park, Georgiana Slough Fishing Access, Hogback Island Recreation Area, Miller Park, Sherman Island Fishing Access, Tiscornia Park, Antioch Marina, Antioch Municipal Boat Ramp, Antioch Regional Shoreline, Riverview Lodge Pier, Riverview Park, Clifton Court Forebay, Buckley Cove Park, Dos Reis Park, Fritz Grupe Park, Louis Park, Westgate Landing Park, and White Slough State Wildlife Area.

There are also several water-covered areas owned and managed by public agencies which are available for fishing from boats only. These include: Big Break and Browns Island, Franks Tract, and Sherman Island Waterfowl Management Area.

The distribution of fishing access sites includes 22 sites in the Primary Zone; 12 in the Secondary Zone; and six outside the Legal Delta.

Historic Sites in the Primary Zone of the Delta

A number of sites in the Primary Zone on the National Federal Register or listed as a California Registered Historical Landmark are described; sites in the Secondary Zone are **not** included in the inventory.

Most of the Historic Sites are located in **Sacramento County**. Near Hood is the Rosebud Ranch, with a privately owned historic home. The entire Town of Locke is designated; Locke is the only rural Chinese community in the United States. The community is in private ownership; there are no plans for renovation. Locke is a well-known visitor destination and includes an old schoolhouse, a small museum, restaurants, art galleries, and shops. Near Locke, Delta Meadows, has been listed recognizing the remnants of a Miwok village on one of the offshore islands. Within Walnut Grove, three neighborhoods on the east side of the River are designated: Japanese-American Historic District, the Chinese American Historic District, and the Commercial/Residential Historic District. In addition, the Gauken Hall and the Imperial Theater have been listed individually. These areas are in private ownership. In Isleton, the Chinese and Japanese Commercial Districts are designated; these areas are privately owned.

Two sites in the Primary Zone are listed as California Points of Historical Interest. On Grand Island, the River Mansion is privately-owned but is available for rental for special

events, serves Sunday brunch, and now has a limited number of rooms available for overnight stays. In Walnut Grove the Jean Harvie School is now a community center, owned and operated by Sacramento County.

The Western Railway Museum, is outside the Legal Delta in **Solano County**, but provides a starting point for excursion rail trips that travel into the Primary Zone. The Museum is a designated historic site.

Hunting

Hunting is an activity which has long been associated with agricultural lands in the Primary Zone. Seasonal hunting on privately owned agricultural lands continues without any formal improvements or approvals. Hunting on private lands is allowed only with the permission of the landowner.

In addition to informal hunting, there are many hunting clubs in the Primary Zone. Most of the clubs are duck clubs, although there are some clubs which specialize in upland game bird hunting. The listing of duck clubs and hunting clubs is incomplete; records are limited. Hunting and duck clubs are open to members and their guests only. There are 17 duck clubs in the Yolo Bypass area of **Yolo County** in the Primary Zone. The inventory lists a few additional duck clubs in other areas of the Primary Zone.

The only land areas in the Primary Zone available for public hunting are the White Slough State Wildlife Area and portions of the Yolo Bypass Wildlife Area. Publicly-owned water-covered areas available for

public hunting include: Sherman Island Waterfowl Management Area; Franks Tract; and parts of Big Break.

Marinas

Marinas are found throughout the Delta, in the Primary Zone, the Secondary Zone, and outside the Legal Delta adjacent to the waters of the Primary Zone. Marinas in the Delta area range in size from six berths to 700 berths. They vary widely in age, in level of maintenance, and in type and number of amenities and improvements. For discussion purposes, in this inventory the marinas are grouped by size: Small Marinas are less than 50 berths, Medium Marinas with between 50 and 200 berths, and Large Marinas, with over 200 berths. Note there are a lot of inconsistencies in various sources regarding the number of berths in Delta marinas. Every attempt has been made to use the most recently available information regarding the number of berths.

The total number of marinas in the inventory is 106--48 in the Primary Zone, 53 in the Secondary Zone, and six outside the Legal Delta. The marinas have a total of 12,189 berths-- 4,617 in the Primary Zone, 6,432 in the Secondary Zone, and 1,140 outside the Legal Delta.

Small Marinas: Under 50 Berths

The inventory includes 43 small marinas; 20 in the Primary Zone, 21 in the Secondary Zone and two outside the Legal Delta. Also included in the Small Marina inventory are Brannan Island State Recreation Area in Sacramento County and San Joaquin County's Westgate Landing Park. These two facilities do not conform to the usual description of "marinas" because the berths are not rented long term, however, the slips are available for short-term rental to park visitors.

The largest number of small marinas are located in **Contra Costa County**, in the Bethel Island/Hotchkiss Tract area in the Secondary Zone of the Delta. Many of these very small marinas are old and have limited access, parking, and amenities, although some have been upgraded and modernized. The small marinas in this area range in size from seven berths to 46 berths. One small marina is located in the Primary Zone; the Lazy M Marina near Clifton Court Forebay.

There are 14 small marinas in or adjacent to the Primary Zone of the Delta in **Sacramento County**. Twelve are located in the Primary Zone. Two are outside the Legal Delta and provide access to the Delta waterways. Half of the small marinas are located on Andrus Island and range in size from 18 to 47 berths. Two small marinas are located on Brannan Island and two in Walnut Grove. One small marina is located on Sutter Island.

Eight small marinas are located in **San Joaquin County**, six in the Primary Zone and two in the Secondary Zone. The small marinas have a wide distribution throughout San Joaquin County. The small marinas range in size from ten berths to 43 berths.

Two small marinas are located in **Yolo County**. The Clarksburg Marina with five berths is in the Primary Zone. Stan's Yolo Marina, with 20 berths, is located in West Sacramento in the Secondary Zone.

There are a total of 948 berths in the 43 small marinas in the inventory: 504 in the Primary Zone; 405 in the Secondary Zone; and 39 outside the Legal Delta.

Medium Marinas: Between 50 and 200 Berths

The inventory includes 42 medium sized marinas; 19 in the Primary Zone; 21 in the Secondary Zone and two outside the Legal Delta. Of the medium sized marinas, all are privately owned.

The largest number of medium sized marinas, 14, are located in **Sacramento County**. Nine are located in the Primary Zone, three are in the Secondary Zone and two are located outside the Legal Delta. One of the marinas is located in Locke, one in Walnut Grove, there are three medium marinas on Sherman

Island, and there are four on Andrus Island. The medium marinas in Sacramento County range in size from 59 to 180 berths.

There are 13 medium marinas in **Contra Costa County**; three are in the Primary Zone, and ten are in the Secondary Zone. Seven of the marinas are in the Bethel Island/Hotchkiss Tract area of the Secondary Zone, with three located in Antioch. The marinas in the Primary Zone are located on Orwood Tract, Veale Tract, and Holland Tract. The marinas range in size from 52 to 160 berths.

There are nine medium sized marinas in **San Joaquin County**. Five are located in the Primary Zone and four are located in the Secondary Zone. The marinas in the Primary Zone are located on Empire Tract, King Island, Fabian Tract, Stockton, and two on Roberts Island. The medium sized marinas in the Secondary Zone are all located in Stockton.

Three medium sized marinas are located in **Yolo County**, all in West Sacramento in the Secondary Zone.

Two medium sized marinas are located in **Solano County**. Both are located in the Primary Zone, one on Prospect Island and one on Ryer Island.

There are a total of 4,539 berths in the 42 medium marinas: 2,024 in the Primary Zone; 2,242 in the Secondary Zone; and 273 outside the Legal Delta.

Large Marinas: Over 200 Berths

The inventory includes 21 large marinas; eight in the Primary Zone, 11 in the Secondary Zone, and two outside the Legal Delta. Of the large sized marinas, three are public marinas: Sacramento Marina, Antioch Marina, and Pittsburg Marina. The large marinas are fairly equally distributed between Contra Costa (eight), Sacramento (six), and San Joaquin (six) Counties. One large marina is located in Solano County.

Of the eight marinas in **Contra Costa County**, all but one are located in the Secondary Zone in Antioch, Oakley, Hotchkiss Tract, Bethel Island, and Discovery Bay. The Holland Riverside Marina with 232 berths is located in the Primary Zone on Holland Tract. The large marinas range in size from 203 to 722 berths.

The six large marinas in **Sacramento County** range in size from 160 to 553 berths. Four large marinas are located in the Primary Zone, all on Andrus Island. One large marina is located in the Secondary Zone in Isleton. One large marina, the Sacramento Marina, is located outside the Legal Delta in the City of Sacramento.

There is one large marina in **Solano County**, the Delta Marina in Rio Vista just outside the Legal Delta.

There are a total of 6,702 berths in the 21 large marinas: 2,089 in the Primary Zone; 3,785 in the Secondary Zone; and 828 outside the Legal Delta.

Pump Outs

Some marinas provide pump-outs to be used to empty holding tanks containing wastewater from larger vessels. Most of the boats used in the Delta are smaller vessels that do not have holding tanks.

In **Solano County**, pump-outs are located at Delta Marina and Sandy Beach Park.

In **Yolo County**, pump-outs are located at the Sacramento Yacht Club.

In **Sacramento County**, pump-outs are located at Boathouse Marina, Bruno's Island Yacht Harbor, Cliff's Marina, Dagmar's Landing, Delta Bay, Korth's Pirate Lair, Metro Marina, Oxbow Marina, Perry's Boat Harbor, Rancho Marina, River Bank Marina, Riverview Marina, Sacramento Marina,

Walnut Grove Marina, Brannan Island State Recreation Area, and Ko Ket Resort.

In **Contra Costa County**, pump-outs are located at Anchor Marina, Antioch Marina, Bethel Island Marina, Discovery Bay Yacht Harbor, Holland Riverside Marina, Lauritzen Yacht Harbor, and MazikeenÆs Landing.

In **San Joaquin County**, pump-outs are located at Herman & Helen's, Holiday Harbor, King Island Resort, New Hope Landing, Paradise Point Marina, Tiki Lagun, Tower Park, Village West Marina, Waterfront Yacht Harbor, and Whiskey Slough Harbor.

Trails and Paths

There are trails and paths in the Delta, however, most of the trails and paths are in the Secondary Zone. The trails are either within a park or wildlife area, or along a shoreline in an urban area in the Secondary Zone, or out of the Legal Delta. All the trails and paths described here are public facilities, although some private marinas have trails within their property.

In **Yolo County**, a wildlife observation trail is included in the Yolo Bypass Wildlife Area.

In **Solano County**, the public fishing and access sites in the City of Rio Vista include shoreline trails/paths. In addition, within the Jepson Prairie Preserve, there is a self-guided, loop wildlife observation trail.

In **Sacramento County**, the parks and recreational areas include trails and paths. In addition, the City of Sacramento has recently approved a master plan which will eventually result in continuous trail/path access along much of the Sacramento River and the American River. There are trails within Brannan Island State Recreation Area. The Delta Meadows River Park has a trail along the old railroad right of way. The Cosumnes Preserve has nature observation trails. Those trails are available, free, at any time.

In **Contra Costa County**, the Antioch Marina, the Barbara Price Marina Park and the Riverfront Promenade provide shoreline paths. The Pittsburg Marina also includes a waterfront path. In addition, East Bay Regional Park District (EBRPD) has constructed Marsh Creek Trail which links the Contra Costa County northern shoreline to southern areas of the County and a small trail near the eastern edge of Big Break. EBRPD has plans to construct trails throughout the County linking to other regional trails.

The White Slough Wildlife Area in **San Joaquin County** has a trail for hiking and to provide fishing and hunting access. In the Secondary Zone, the City of Stockton has constructed a number of parks adjacent to levees along the Deep Water Channel and other waterways. These parks include paths atop the levees to provide views and access for fishing. The City has also constructed a bike and jog path along the Calaveras River.

Windsurfing Access Sites

The Sacramento River between Rio Vista and the tip of Sherman Island is well known as a windsurfing area. Windsurfing is a seasonal sport, when the weather is warm and the winds blow. The inventory identifies nine windsurf access sites in **Sacramento County** and one in **Solano County**. Many of these sites are informal access areas, known to the windsurfers, but without improvements or support facilities. Windsurfers also access the water from Sandy Beach Regional Park, Cliffhouse Fishing Access, Delta Windsurf Company, Windy Cove at Brannan Island State Recreation Area, and the Sherman Island Fishing Access. In addition, like fishermen, many windsurfers park alongside the public roads, particularly Highway 160 and Sherman Island Road, to gain access to the Sacramento River waters.

SOURCES OF DELTA RECREATION INFORMATION

USE FOR URGENT
LETTERS ONLY

NAVAL SPEED LETTER

DO NOT CLEAR THROUGH
COMMUNICATION OFFICE

(One box must be checked)

REGULAR MAIL SPECIAL DELIVERY
 AIR MAIL REGISTERED MAIL

CLASSIFICATION

UNCLASSIFIED

IN REPLY REFER TO:

ND12-37-400

Serial 267
7 - JAN 1954

TO:

Chief, Bureau of Yards and Docks
Navy Department
Washington, 25, D.C.

NAVAL SPEED LETTER—

Permits dispatch or informal language.

May be sent (1) with enclosures, (2) in a window envelope (size 8 $\frac{1}{8}$ " x 3 $\frac{1}{8}$ "), if contents are not classified as confidential or higher, (3) to both naval and nonnaval activities.

Is packaged 500 sheets of white or of one color: yellow, pink, or green.

(Fold)

Subj: Leasing of the Antioch Dive Bombing Target - Comments and Recommendations

Ref: (a) BULOCKS ltr B-411.2B/jpg ND12/NI-1/L5-7-AE dtd 29 Dec 1953

1. Reference (a) requested comments and recommendations concerning the proposed leasing of the Frank's Tract Area east of Antioch, California for use as a dive bombing target.
2. The Antioch Target Area (designated target BAKER 6) was used continuously by the Navy from 1943 until expiration of the Navy lease October 27, 1952. Negotiation for renewal of the lease was unsuccessful and the target was closed in October 1952. Continuing action for renewal has been in progress.
3. The Bureau is advised of the acute need for bombing targets within the proximity of the Naval Air Stations in the San Francisco Bay area. The large influx of population in Bay Area counties combined with the established numerous new civil airways in the region has necessitated the abandonment of most of the World War II targets. There are presently only two air-to-ground bombing targets (Target BAKER 3 and Target BAKER 4, West of ALP Crews Landing) available from NAS Alameda, NAS Moffett Field, and NAS Oakland.
4. In spite of the Navy's vital need for this additional target, however, it has become apparent that there are other important aspects to be considered. In recent weeks the Commandant has been advised of the interest of sportsmen and recreational groups in Frank's Tract. Further, the State Park Commission is seriously considering the establishment of a State Aquatic Park in this area. Within the past two weeks, the Commandant has received numerous letters from sportsmen's associations and their representatives protesting the acquisition.

COPY TO

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LETTERS ONLY

NAVAL SPEEDLETTER

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COMMUNICATION OFFICE

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- REGULAR MAIL SPECIAL DELIVERY
 AIR MAIL REGISTERED MAIL

CLASSIFICATION

UNCLASSIFIED

IN REPLY REFER TO:

**ND12-37-dog
Serial 267**

DATE

TO:

**Chief, Bureau of Yards and Docks
Navy Department
Washington 25, D. C.**

NAVAL SPEEDLETTER—

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May be sent (1) with enclosures, (2) in a window envelope (size 8 $\frac{7}{8}$ " x 3 $\frac{3}{8}$ "), if contents are not classified as confidential or higher, (3) to both naval and nonnaval activities.

Is packaged 500 sheets of white or of one color: yellow, pink, or green.

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5. It is now apparent that pursuance of this acquisition by the Department of the Navy would meet with solid opposition from these influential groups. It is considered that the resultant adverse public relations would be most detrimental to the Navy and should be avoided.

6. In view of the foregoing, the request for the target is withdrawn and all Naval District interest in Frank's Tract is terminated.

B. J. RODGERS

COPY TO

**Butler
DFWO 12ND
ComNAB 11612**

ADDRESS:

**Comsantant, Twelfth Naval District
Federal Office Building
San Francisco 2, California**

← SENDER'S MAILING ADDRESS

Address reply as shown at left; or reply hereon and return in window envelope (size 8 $\frac{7}{8}$ " x 3 $\frac{3}{8}$ "), if not classified as confidential or higher.

CLASSIFICATION

UNCLASSIFIED

J 29-10 Antero

NAB12-95/bg
J29
Serial 407 X

11 May 1953

From: Commander, Naval Air Bases, Twelfth Naval District
To: Chief of Naval Operations

Subj: Naval Air Targets, Gunnery and Bombing Areas

Ref: (a) CNO ltr ser 5113P50 of 19 March 1953

Encl: (1) 12ND Naval Air Targets, Gunnery and Bombing Areas; list of

1. Enclosure (1) is submitted herewith as requested by reference (a).

W. C. ASSERSON, Jr.
Chief of Staff

Copy to:
COMWESTSEAFRON (2)
COMAIRPAC (2)
COML2ND (2)
COMNAB 11/12ND (1)
DFWO 12ND (2)
NAS ALAMEDA (1)
COMFAIR ALAMEDA (2)

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229 C.

LIST OF NAVAL AIR TARGETS, GUNNERY
AND BOMBING AREAS, 12TH NAVAL DISTRICT, TABULATED
IN ACCORDANCE WITH CMO LTR SER 5113P50
OF 19 MARCH 1953

OFFSHORE SAN FRANCISCO

1. Air Warning Areas - Aerial gunnery, rockets, bombing.

(A)

a. AWA W-260. Northwest of Golden Gate.

b. Beginning at Lat 39-00N Long 123-56-30W

to Lat 37-47N Long 123-00-00W

to Lat 37-13N Long 124-00-00W

to Lat 36-05N Long 125-22-00W

to Lat 36-52N Long 125-57-30W

to point of beginning.

c. An irregular shaped airspace divided into four gunnery lanes of approximately 20 miles width each, in an east-west direction. The lanes are numbered consecutively from the north as follows: LANE ONE, LANE TWO, LANE THREE, LANE FOUR.

d. An over ocean airspace established by the Administrator for joint use of the Navy, Marines, Air Force, Naval Reserve and California Air National Guard, controlled by Commandant, TWELFTH Naval District, assigned by Commander, Naval Air Bases, TWELFTH Naval District.

e. Unrestricted VFR aerial gunnery, rockets and practice bombing. Live bombing must be cleared thru the assignor, Commander, Naval Air Bases, TWELFTH Naval District, who will arrange and coordinate with Commandant, TWELFTH Naval District.

f. The airspace (AWA-260) established by ACC/ASP etc #225 of 24 July 1952.

(B)

a. Air Warning Area W-263. Southwest of Golden Gate.

b. Beginning at Lat 37-11N Long 121-31-00W

to Lat 36-52N Long 122-13-30W

to Lat 35-58N Long 121-57-00W

to Lat 35-06 Long 123-47-30W

to Lat 36-20N Long 124-18-00W

to point of beginning.

c. An irregular shaped airspace divided into four gunnery lanes of approximately 20 miles width each, in an east-west direction. The lanes are numbered consecutively from the north as follows: SUGAR ONE, SUGAR TWO, SUGAR THREE, SUGAR FOUR.

d. An over ocean airspace established by the Administrator for joint use of the Navy, Marines, Air Force, Naval Reserve, and California Air National Guard, controlled by Commandant, TWELFTH Naval District and assigned by Commander, Naval Air Bases, TWELFTH Naval District.

e. Unrestricted VFR aerial gunnery, rockets and practice bombing. Live bombing must be cleared thru the assignor Commander, Naval Air Bases, TWELFTH Naval District, who will arrange and coordinate with Commandant, TWELFTH Naval District.

f. The airspace (AWA-283) established by ACC/ASP mtg #285 of 24 July 1952.

COASTAL SAN FRANCISCO

2. Air to Ground Targets, proposed and operational.

(A)

a. Target BAKER ONE (Proposed)

b. Near Knoxville, California. The coordinates of the proposed land boundaries are:

Beginning at Lat 38-49N Long 122-21-30W

to Lat 38-45N Long 122-21-30W

to Lat 38-45N Long 122-24-50W

to Lat 38-49N Long 122-24-50W

c. This area comprises approximately 9600 acres, most of which is sparsely wooded, hilly country.

d. Approximately 2720 acres of the 9600 are privately owned, and the remainder is government land. When negotiations are complete the Commandant, TWELFTH Naval District will be the controlling agency with Commander, Naval Air Bases, TWELFTH Naval District making assignments. Commander, Naval Air Bases, ELEVENTH and TWELFTH Naval Districts ltr ser 610 of 30 Apr 1952 and DFAC 12ND 1st LHD. ltr ser 4752 of 14 May 1952 to CCA 12 refer.

e. Targets, when constructed, will be limited to air to ground practice bombing and rockets.

f. The airspace (D-414) was established by ACC/ASP mtg #283 of 24 June 1952.

(B)

a. Target BAKER TWO (Operational).

b. In Drakes Bay (Pt. Reyes) California. Coordinates are:

Beginning at Lat 38-00-30N Long 122-56-10W

to Lat 38-00-15N Long 122-53-15W

to Lat 37-58-20N Long 122-53-15W

to Lat 37-58-35N Long 122-56-10W

c. A rectangular area on the surface of Drakes Bay approximately 4 square miles.

d. Established as a SURFACE danger area by Notice to Mariners #3, Part I, Item #241 of 1953 for practice aerial mining. Controlled by Commandant, TWELFTH Naval District, assigned by Commander, Naval Air Bases, TWELFTH Naval District. Temporary permits for rake shacks on the beach pending lease of beach plots from private owners.

e. Daylight, VFR only.

f. Operations from surface to 700 feet only. No airspace available due to a VOR airway (minimum enroute altitude 6000 feet) crossing this area.

(C)

a. Target BAKER THREE (Operational).

b. In Danger Area D-280 West of ALF Crows Landing, California. Target is located at Lat 37-24N and Long 121-20W.

c. An area approximately 1 mile square in rugged mountainous terrain. Consists of one bulls-eye type, rake target for air to ground strafing, rockets, practice bombs.

d. Land is leased by Navy. Target controlled by Commandant, TWELFTH Naval District assigned by Commander, Naval Air Bases, TWELFTH Naval District. Condemnation Action #31053 filed 28 Nov 1951, U.S. District Court, Northern District of California, Southern Division.

e. Target must be manned by a range party and radio control established before commencing operations. Target is inoperative much of time during winter rainy season due to impassability of access roads and in late summer and autumn dry season due to forest fire hazard.

f. The airspace (D-280) was established by ACC/ASP rtg #184 of 14 Feb 1950 as amended by rtg #254 case 4665 and rtg #261 case 4821 of 18 Dec 1951.

(D)

- a. Target BAKER FOUR (Operational).
- b. In Danger Area D-280 west of ALF, Crows Landing, California. Target is located at Lat 37-23-30N Long 121-23-30W.
- c. A bulls-eye type target, with rake facilities in an area approximately 4 square miles in rugged mountainous terrain. Air to ground rockets, strafing, practice bombs.
- d. The land is leased by the Navy. Controlled by Commandant, TWELFTH Naval District. Assigned by Commander, Naval Air Bases, TWELFTH Naval District. Condemnation Action No. 31053 Filed 28 Nov 1951, U.S. District Court, Northern District of California, Southern Division.
- e. Target must be manned by a range party and radio control established before commencing operations. Target is inoperative much of time during winter rainy season due to impassability of access roads and in late summer and autumn dry season due to forest fire hazard.
- f. The airspace (D-280) was established by ACC/ASP mtg #184 of 14 Feb 1950 as amended by mtg #254 case 4665 and mtg #261 case 4821 of 18 Dec 1951.

(E)

- a. Target BAKER FIVE (Proposed).
- b. In Danger Area D-280, west of ALF, Crows Landing, California. Coordinates not yet determined.
- c. Area not yet determined.
- d. Land will probably be leased.
- e. Not determined. Will require radio control. This area will be easily accessible during periods when D-3 and D-4 would be closed due to muddy access roads.
- f. Will be within Danger Area D-200.

(F)

- a. Target BAKER SIX (Closed pending renewal of lease).
- b. East of Antioch, California in Danger Area D-264. A floating target on inland waters at Lat 38-02-30N Long 121-37-00W.
- c. The area is a lagoon of the Sacramento River Delta System. About 993 acres of land and water comprise the area.
- d. Formerly leased by the Navy. Negotiations are proceeding to renew the lease which expired 27 Oct 1952. Commandant, TWELFTH Naval District assigns. New lease requested by Commander, Naval Air Bases, TWELFTH Naval District ltr of 28 Nov 1952 ser 1419 to DPMO 12ND and Commander, Naval Air Bases, ELEVENTH and TWELFTH Naval Districts ltr ser 1359 of Nov 1952 to TWELFTH Naval District Development Board.
- e. Normally air to ground rockets, miniature bombs - no machine gun fire. At present temporarily closed pending renewal of lease by condemnation proceedings.

f. Danger Area D-264 established by ACC/ASP rtg #69 case 1002.

(G)

a. Target BAKER SEVEN (Temporarily closed) Target buoy temporarily removed from water pending renewal of anchoring blocks and equipment.

b. Located within Warning Area W-260, subarea SUGAR FOUR, Lat 37-49N and Long 123-12W.

c. A floating buoy, about 10 feet in diameter, painted international yellow and black. Radar reflector installed on top of the buoy.

d. Target is owned by Commandant, TWELFTH Naval District and assigned by Commander, Naval Air Bases, TWELFTH Naval District. Army Permit covers anchorage.

e. Restricted to practice radar bombing runs. No missiles may be dropped.

f. The target is covered by subarea SUGAR FOUR of Warning Area W-260. It is anchored at Moonday Rock Shoal, northwest of the Golden Gate.

(H)

a. Target BAKER EIGHT (Proposed).

b. In Danger Area D-280 west of ALF, Crows Landing, California. Coordinates not yet determined.

c. Area not yet determined.

d. Land will probably be leased.

e. Not determined. Will require radio control.

f. Will be within Danger Area D-280.

(I)

a. Acrobatic Area (Operational).

b. Danger Area D-280 west of ALF, Crows Landing, California.

c. Beginning at Lat 37-37-00N Long 121-12-00W
to Lat 37-10-45N Long 121-02-05W
to Lat 37-10-35N Long 121-27-30W
to Lat 37-37-00N Long 121-33-00W
to point of beginning.

d. Controlled by Commandant, TWELFTH Naval District from surface to 15000 feet. Ames Aeronautical Laboratory has use from 15000 to unlimited for experimental flight tests.

c. Acrobatics are limited by traffic patterns around the two operational targets and the two proposed targets in this large Danger Area (D-280).

f. Danger Area established by ACC/ASP meeting #184 case 3099 as amended by meeting #254 case 4665 and meeting #261 case 4621.

VICINITY OF FALLON, NEVADA (Operational and Proposed)

(A)

a. Target EAKER SIXTEEN (Proposed - Final approval imminent)

b. The center of the target area is at Lat 39-20N Long 118-53W, in Danger Area D-268.

c. An irregular area of about 17,000 acres. An additional area to the northwest consisting of 25,000 acres is being investigated as an additional impact area.

d. Government owned land. Five mineral claims privately owned. Right of entry by Department of Interior pending issuance of public land order. To be controlled by Commandant, TWELFTH Naval District, assigned by Commander, Naval Air Bases, TWELFTH Naval District when final approval received.

e. Radio control must be established before commencing operations. Normally air to ground rockets, practice bombs and strafing.

f. Danger Area established by ACC/ASP mtg #127 case 2105 as amended by ACC/ASP mtg #283 case 5213 of 24 June 1952.

(B)

a. Target EAKER SEVENTEEN (Operational).

b. In Danger Area D-270 at Lat 39-11N Long 118-13W.

c. The area is 21,320 acres more or less. Final approval on 15,520 acres of the above total is still pending. COMNAEL2 ltr ser 603 of 10 Aug 1951.

d. Permit from Department of Interior. Controlled by Commandant TWELFTH Naval District, assigned by Commander, Naval Air Bases, TWELFTH Naval District.

e. Radio control must be established before commencing operations. A portion of the target area is set up for air support work. A bulls-eye type rake target exists for air to ground rockets, bombing and strafing.

f. Danger Area D-270 established by ACC/ASP mtg 274 case 5044 of 15 Apr 1952.

(C)

- a. Target BAKER NINETEEN.
- b. In Danger Area D-269 at Lat 39-09N Long 118-36-45W.
- c. An area of approximately 17,920 acres. Final approval on 12,800 acres of this total is still pending. COMNAVB12 ltr ser 484 of 5 July 1951.
- d. Lease NOy (R) 44243 with Department of Interior. Controlled by Commandant, TWELFTH Naval District, assigned by Commander, Naval Air Bases, TWELFTH Naval District.
- e. Radio control must be established before commencing operations. A portion of this target is set up for air support work. A bulls-eye type rake target exists for air to ground rockets, bombing and strafing.
- f. Danger Area D-269 established by ACC/ASP mtg #127 case 2185 of 19 Aug 1948 as amended by ACC/ASP mtg #274 case #5044 of 15 Apr 1952.

(D)

- a. Target BAKER TWENTY (Operational).
- b. In Danger Area D-267 at Lat 39-53N Long 118-20W.
- c. An area of 8960 acres more or less in the Carson Sink, Nevada. An extension to this area is being investigated.
- d. Lease NOy (T) 45517, 45518 with Truckee-Carson Irrigation District and Southern Pacific Company. Controlled by Commandant TWELFTH Naval District and assigned by Commander, Naval Air Bases, TWELFTH Naval District.
- e. A volcanic mound known as "Lone Rock" is the focal point of the area. Exercises on it are unrestricted. The nature of the terrain (marshy) precludes any rake facilities.
- f. Danger Area D-267 established by ACC/ASP mtg 127 case 2185 of Aug 1948 as amended by mtg 309 case 5771 of 10 Feb 1953.

(E)

- a. Black Rock Desert Gunnery Range (Operational).
- b. An irregular area oriented southwest - northeast allowing a maximum run in those directions of about 45 miles. Coordinates are:

Beginning at Lat 41-25N Long 118-40W
to Lat 41-13N Long 118-40W
to Lat 40-56N Long 118-44W
to Lat 40-47N Long 119-12W
to Lat 40-57N Long 119-12W
to Lat 40-57N Long 119-04W

to Lat 41-25N Long 118-46W

to point of beginning.

c. The area is about 272,000 acres.

d. Permit from Department of Interior. Controlled by Commandant, TWELFTH Naval District, assigned by Commander, Naval Air Bases, TWELFTH Naval District.

e. For air to air gunnery. Area does not meet BUANA criteria for air to air gunnery since it is only 7 to 15 miles wide and 45 miles long.

f. Danger Area D-266 established by ACC/ASP mtg 140 case 2509 of 17 Feb 1949.

(F)

a. Sawave Mountain Gunnery Range (Proposed).

b. South of Black Rock Desert. In Danger Area D-430.

Beginning at Lat 40-40N Long 118-50W

to Lat 40-00N Long 118-50W

to Lat 40-00N Long 119-12W

to Lat 40-40N Long 119-12W

to point of beginning.

c. The proposed area will be an 40 mile strip north/south, 20 miles wide.

d. Portions will probably be leased or purchased and the rest procured from Department of Interior. COMNAV11/12 ltr ser 160 of 7 Feb 1952 to CCI. 12 refers. (See enclosure (2)).

e. For air to air gunnery only.

f. Danger Area D-430 established by ACC/ASP mtg 1306 case 5772 of 3 Feb 1953.

27 March 1953

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ND12

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FIRST ENDORSEMENT on BUDOCKS ltr B-411.25/jp ND12/N1-1 Renewals 1954
of 17 Mar 1953 to CNO, w/encl

From: Chief, Bureau of Aeronautics
To: Chief, Bureau of Yards and Docks
Via: Chief of Naval Operations.

Subj: Leases for the fiscal year 1954 on properties located in the Twelfth
Naval District under the cognizance of the Bureau of Aeronautics;
renewal of

Ref: (a) CNO ltr Pers-H211-Nh of 27 Mar 1952 to BUDOCKS
(b) BUDOCKS spdltr B-411.2E/mm ND12 General ND12/N1-1 of 17 Mar
1953 to COMTWELVE

1. It is requested that the following leases be renewed for fiscal year 1954:

<u>Lease No.</u>	<u>Facility</u>	<u>Annual Rental</u>
Pending	NAS Alameda - Antioch Bombing Target	\$1,390.00
Civil #31053	ALF Crows Landing - Target #3 and #4	1,180.00
Noy(R)-47009	ALF Crows Landing - Railroad Track Mntnc.	300.00
Noy(R)-40423	Former NAAS Arcata - Portion of Airfield	1.00
Noy(R)-45518	ALF Fallon - Target #20, Carson Sink, Nev.	1.00
Noy(R)-45517	ALF Fallon - Target #20, Carson Sink, Nev.	409.66
Unnumbered	ALF Fallon - Black Rock Gunnery Range	0.00
Unnumbered	ALF Fallon - Target #16	0.0
Unnumbered	ALF Fallon - Target #17	0.0
Unnumbered	ALF Fallon - Target #19	0.0
Noy(R)-47000	NAS Moffett Field - Tab-7 Site	510.00
Noy(R)-42655	NAS M _o ffett Field - VHF Fan Marker Site	150.00
Noy(R)-37324	NAS M _o ffett Field - Homoja Housing at Naval Advanced Base Personnel Depot, San Bruno	1.00 plus taxes of \$8,171.48 for 1952 and 1953

SB0045

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NOy(R)-36820	NAAS Monterey General Line School	\$18,000.00 P.A. plus 50% of maintenance. (Maintenance costs chargeable to Allot, ABLE Funds)
NOy(R)-46116	NAAS Monterey - Sewage Disposal Facil.	900.00
NOy(R)-NAS Oakland-	Landing Area Oakland Municipal Airport	1.00
NOy(R)-35329 (Supp. #1)	NAS Oakland - Land for various buildings	1.00
NOy(R)-41253	NAS Oakland - Railroad right-of-way	166.00
NOy(R)-47166	NAS Oakland - Land for LTA Mooring Site	3,158.00
NOy(R)-43782	NAS Oakland - AAU 875 at Freson, Calif.	1.00
NOy(R)-45266	NAS Oakland - AAU 874 at Sacramento, Calif.	1.00
Pending	NAS Denver - AAU & AGU at Salt Lake City	2,500.00 (Max)
NOy(R)-36789	Former NAAS Vernalis - Obstruction Lights on Hetch-Hetchy Transmission Line Towers	0.0

2. By separate correspondence the Bureau of Aeronautics has recommended to the Chief of Naval Operations that former Naval Auxiliary Air Station, Arcata, California be declared excess to the needs of the Navy and disposed of as surplus property. Lease NOy(R)-40423 covering a portion of the station should be kept in force until final action on disposal of the property has been taken.

3. The Bureau of Aeronautics has on record two leases which were not included in enclosure (1). These are NOy(R)-44596 which allows the Government to erect 10 poles on Vernon Holthouse land adjacent to Naval Air Station, Moffett Field and NOy(R)-45263 covering land used for a bombing target located in Sonoma County California. It is requested that the Bureau of Yards and Docks ascertain from the Commandant, Twelfth Naval District whether there exists a continuing need for these leases. If in the affirmative, it is further requested that the Bureau of Yards and Docks take the necessary action to renew them for fiscal year 1954.

4. Reference (a) indicated that lease NOy(R)-45197 covering space occupied by Shore Patrol at Oakland, California, should be transferred to the cognizance of the Bureau of Aeronautics. Since no official request has been received to effect the transfer of this lease, the Bureau of Aeronautics has taken no affirmative action in that regard. Advise is, therefore, requested as to whether or not this bureau should assume responsibility for this lease.

5. It is noted from reference (b) that two leases under the Bureau of Aeronautics' cognizance, namely NOy(R)-46802 and 46801, have not been recommended for renewal by the Commandant, Twelfth Naval District. These two leases apparently cover lands within the Chocolate Mountain Gunnery Range. Since this activity is situated in the Eleventh Naval District, it is probable that recommendations for their renewal will be submitted in due time by the Commandant Eleventh Naval District.

6. If and when funds are appropriated, leases NOy(R)-35329, Supp. #1, 41253, 47166, 43782, 45266, and the one pending at Salt Lake City shall be chargeable to Procurement Directive EN11-4249-54; Bureau Control No. 33,000, Expenditure Account No. 99309; Program No. 333. Appropriation Chargeable 1741502.1 Aircraft and Facilities, Navy 1954 (Reserve). 37324, 36820, 46116, 36789, 47009, 40423, 45518, 44517, 47000, 42655 and Lease Civil #31053, the four unnumbered permits at Fallon and the one Pending at NAS Alameda are chargeable to procurement Directige NN11-4288-54, Bureau Control No. 32,000; Expenditure Account No. 99309 Program No. 332, Appropriation Chargeable 1741502.11, Aircraft and Facilities, Navy 1954 (Regular).

L. C. LORD
By direction

Copy to:
BUDOCKS
COMTWELVE
COMNA BELEVEN&TWELVE

Copy: HL

43

NAB12-80-ec

J29

Serial 1419 X

28 NOV 1952

From: Commander, Naval Air Bases, Eleventh and Twelfth Naval Districts
To: District Public Works Officer, Twelfth Naval District

Subj: Re-negotiation of Lease NOy(R)-35540 covering 992.21 acres for
Antioch Dive Bombing Target Area; comment and recommendation con-
cerning

Ref: (a) DPWO 12ND ltr DE216-hjc/td (500) ser 11904 of 24 Oct 1952
to CG NAS Ala w/end

1. By reference (a), the District Public Works Officer, Twelfth Naval District, advised of unsatisfactory results in re-negotiation of Lease NOy(R)-35540. The Board of Directors, California Peat Company, Incorporated, Lessor, have stated that a new lease would be entered into only under the following conditions:

- a. Lease term of one year.
- b. Rental of \$2,500.00 per year.
- c. The Lessor to be allowed to continue their peat digging operations.
- d. Sportsmen to be allowed to fish in the subject area with fees collected by the Lessor.

2. The following comments are offered regarding the conditions outlined above:

a. It is highly desirable that a lease for this target area be entered into for a term exceeding one year, preferably five to ten years. While a majority of the gunnery training is conducted at Auxiliary Landing Field, Fallon, target sites are required in the vicinity of San Francisco Bay Area for use by carrier aircraft squadrons, patrol squadrons, and anti-submarine squadrons stationed at Naval Air Station, Alameda, and Naval Air Station, Moffett Field. This requirement is caused by the need of pilots, undergoing other phases of training prior to deployment to the Far East, to maintain the gunnery proficiency acquired at ALF Fallon. Limited personnel facilities available at ALF Fallon preclude scheduling all squadrons to that activity for gunnery training or refresher training immediately prior to deployment.

SB0055

NAVY DISTRICT OFFICE

NAE12-SC-cc

J29

Serial

b. The annual rental of \$2500 per year is considered high but not exorbitant. When the proposed rental is considered in light of the value of the target site to the Navy, it is considered acceptable.

c. Lease Noy(R)-35440 stipulated that the lessor was allowed to dig part in the area. This arrangement has been satisfactory in the past. It is considered that this arrangement will be satisfactory in the future, provided the Rent Company will advise two weeks in advance of any proposed digging operations in the vicinity of the target so that the target structures can be either moved or closed for the period of the digging operations.

d. This condition is not acceptable. This command is not prepared to accept the responsibility for fishermen entering the target area on a fee basis with consequent liability of the Navy in case of injury or death attributable to dive bombing or rocket training. It has been suspected that fishermen have entered the area while the area was under lease to the Navy. Such entry was in violation of the lease and contrary to warning signs posted in the area so that such entry was considered to be at the risk of the fishermen. The risk is too great for joint use by fishermen and the Navy.

3. Efforts to obtain adequate new target areas for the gunnery training of pilots in the vicinity of San Francisco Bay Area have been so unproductive that loss of this target site will dangerously curtail gunnery training facilities with little hope of obtaining a replacement area. The number of airways converging on the Bay Area, together with the very large volume of air traffic, have practically prohibited the establishment of a target site in the proximity of the Bay Area. Recent loss of three target sites to airways expansion has seriously hampered gunnery training in this area. The Antioch target is within the only remaining air space readily available.

4. There is an urgent requirement for an indefinite period of time for this target site. Squadrons trained in this area are playing a large part in the fighting in Korea. It is considered mandatory that adequate training facilities be provided so that the squadrons may be as well trained as possible. Therefore, it is recommended that additional effort be made to negotiate an acceptable lease. In the event that negotiations are unsuccessful, it is further recommended that consideration be given to condemnation to obtain the continued use of this target site.

Copy to:

Com12

COM NAAS 12 (Admin)

W. C. HENDERSON, Jr.
Chief of Staff

Telephone
San Francisco-JUNiper 5-4814
San Bruno-JUNe 2-0129

DISTRICT PUBLIC WORKS OFFICE
TWELFTH NAVAL DISTRICT
SAN BRUNO, CALIFORNIA

Address Reply To
District Public Works Officer
Twelfth Naval District
And Refer To

DE 216-hjc/td

(500)

Scr 11904 X

24 Oct 1952

From: District Public Works Officer, Twelfth Naval District
To: Commanding Officer, Naval Air Station, Alameda, California
Subj: Lease NOy(R)-35540 covering 992.21 acres for Antioch Dive Bombing
Target Area, Re-negotiation of
Ref: (a) BuDocks ltr F412.17/lmf ED 12/AL-1 X5-27-SD-4 of 3 July 1952
to DFWO 12ND

1. By reference (a) the Bureau of Yards and Docks requested this office to re-negotiate the subject lease inasmuch as it expires by its own terms on 23 October 1952. Continued efforts to do so have proved unsatisfactory.

2. The current rental is \$600.00 per annum and the lease provides that the Lessor, the California Peat Co., Inc. has the right of joint-use of the subject area to carry out their peat digging operations.

3. A meeting was held in the executive offices of the above named corporation on 17 October 1952 where a representative of this office was advised by the Board of Directors that they would enter into a new lease with the Government only under the following conditions:

- (a) Lease term of one year.
- (b) Rental of \$2,500.00 per year.
- (c) The Lessor to be allowed to continue their peat digging operations.
- (d) Sportsmen to be allowed to fish in the subject area with fees collected by the Lessor.

4. It appears that because of the proposed increased rental together with other unfavorable conditions listed herein, the owners of the property are desirous that the Government vacate the premises in order that a higher income may be derived from other users as well as their own operations.

5. In view of the above conditions it is requested that your comments and opinion be forwarded concerning this situation and whether it would be advisable to re-locate the target ~~at~~ ~~the~~ ~~same~~ ~~place~~.

Copy to:
COM12
COM. NAB 12ND
DCE

RECEIVED
P. SPRINGMEYER
By direction

SB0056

N1-1
N1/6

OCT 30 1952

PUBLIC WORKS DEPARTMENT
U. S. Naval Air Station
Alameda, California

- KEY
 A - Action
 B - Comment - Recommendation
 C - Information
 D - Retain
 R - Prepare Reply
 S - For Signature

TO	ROUTING ORDER	KEY	INITIAL		DATE OUT
			In	Out	
PUBLIC WORKS OFFICER Secretary	2	C	<i>MG</i>	<i>JK</i>	
ASSISTANT PUBLIC WORKS OFFICER DUTY OFFICER	1	C			10/30
ADMINISTRATIVE OFFICER Shop Personnel Supervisor Civilian Personnel Budget and Finance Procurement and Shop Stores					
ASSISTANT ROINCC Contract Manager Project Engineer					
SPECIAL SERVICES Housing Plant Property Management Space Control Officer					
DESIGN Architectural Engineer Civil Engineer Electrical Engineer Mechanical Engineer					
COORDINATOR OUTLYING FIELDS Naval Air Bases Engineer	3	C			11/14
MAINTENANCE AND UTILITIES Assistant Superintendent O&R Liaison Officer Atomic Defense Officer Master Mechanic Foreman Chief Planner					
TRANSPORTATION Foreman					
DIVISION MILITARY OFFICER Assistant Military Division Officer Leading Chief Petty Officer					

DO NOT HOLD - COMPLY WITH KEY DESIGNATIONS AND INSTRUCTIONS
REMARKS:

2. Santi
Forward to U.S. Naval Air Station Alameda, California

DE 216-HIC/H
(500)
Ser 11904
24 Oct 1952

From: District Public Works Officer, Twelfth Naval District
To: Commanding Officer, Naval Air Station, Alameda, California
Subj: Lease NOy(R)-35540 covering 992.21 acres for Antioch Dive Bombing
Target Area, Re-negotiation of
Ref: (a) BuDocks ltr B412.1F/hmf ND 12/N1-1 X5-27-SD-4 of 3 July 1952
to DPMO 12ND

1. By reference (a) the Bureau of Yards and Docks requested this office to re-negotiate the subject lease inasmuch as it expires by its own terms on 23 October 1952. Continued efforts to do so have proved unsatisfactory.
2. The current rental is \$600.00 per annum and the lease provides that the Lessor, the California Peat Co., Inc. has the right of joint-use of the subject area to carry out their peat digging operations.
3. A meeting was held in the executive offices of the above named corporation on 17 October 1952 where a representative of this office was advised by the Board of Directors that they would enter into a new lease with the Government only under the following conditions:
 - (a) Lease term of one year.
 - (b) Rental of \$2,500.00 per year.
 - (c) The Lessor to be allowed to continue their peat digging operations.
 - (d) Sportsmen to be allowed to fish in the subject area with fees collected by the Lessor.
4. It appears that because of the proposed increased rental together with other unfavorable conditions listed herein, the owners of the property are desirous that the Government vacate the premises in order that a higher income may be derived from other users as well as their own operations.
5. In view of the above conditions it is requested that your comments and opinion be forwarded concerning this situation and whether it would be advisable to re-locate the target elsewhere.

L. P. SPRINGMEYER
By direction

Copy to:
COM12
COM NAB 12ND
DCE

Copy ws

CFI P.W.

Appropriation: 1731502.11 Aircraft and Facilities, Navy, 1953, Expend. Acct. 99309, Object Class. 051, Bu. Control 32,000 Program No. 332

Requisition: Ser EN11-4965-SW-53

Rec'd. adm. 6-9-52

RENEWAL OF GOVERNMENT LEASE

You are hereby notified that under the provisions of Paragraph 5 of Government lease:

NOY(R)-35540 with Regents of University of California, Berkeley, Calif. Lessor, d. 2/1/44 covering 992.21 a. near Antioch, Calif. for Naval Dive Bombing Target Site.

L5-7-An

the United States of America elects to renew the said lease, as the same may have been amended, for the period of one year from and after June 30, 1952, and by these presents does renew, extend, and adopt the said lease and all the terms and conditions thereof for the period beginning July 1, 19 52 and ending June 30, 19 53

Dated at Washington, D. C.,

1952.

THE UNITED STATES OF AMERICA,

By Jack E. Cochrane

By direction of the Chief of the Bureau of Yards and Docks, acting under the direction of the Secretary of the Navy.

Mr. John A. Bohn
Attorney at Law
Box 35
Orinda, Calif.

Copy to:
GAO(Audit)
BUBANDA
BUAER
NRAO 12ND
CO NAS, Alameda, Calif.
BUAER (9E-11)

~~NOTE: Please return this page if receipt of this notice.~~

J 29-16

Appropriation: 1721502.11 Aircraft and Facilities, Navy 1952,
Expend. Acct. #99308, Object Class. #051, Bu. Control #32,000

Requisition: Aer BN11-4465-PE-52

RENEWAL OF GOVERNMENT LEASE

You are hereby notified that under the provisions of
Paragraph 5 of Government Lease:

MOy(h)-35540 with Regents of University of Calif,
Berkeley, Calif. lessor d. 2/1/44 covering 992.21a
near Antioch, Calif. for Naval Dive Bombing Target
Site

L5-7-A1

the United States of America elects to renew the said
lease, as the same may have been amended, for the period
of one year from and after June 30, 1951, and by these
presents does renew, extend, and adopt the said lease
and all the terms and conditions thereof for the period
beginning July 1, 1951, and ending June 30, 1952.

Dated at Washington, D. C., 15 MAY 1951 19 .

THE UNITED STATES OF AMERICA,

By ~~Jack E. Cochran~~
By direction of the Chief of the
Bureau of Yards and Docks, acting
under the direction of the Secre-
tary of the Navy.

Mr. John A. Bohn
Attorney at Law
Box 35
Orinda, Calif.

Copy to: SAO (Audit)
BuSanda
EUAER
USNRAO IEND
CO, NAS Alameda
BU Aer (SE-11)

NOTE: Please acknowledge receipt of this notice.

SB0064

11-1
H2

NA/mise

GUNNERY RANGE AND TARGET AREAS
RELEASED SINCE WW II - 12ND
(contains principal areas)

CALIFORNIA

MACDOEL PRACTICE GUNNERY RANGE Statistics unknown. Presumed released in 1946.	7040 Acres
MODOC COUNTY GUNNERY RANGE Negotiated by 13th Naval District. Acquired by leasehold condemnation and leases involve lands in Modoc and Siskiyou Counties and Oregon. Terminated 1945 or 1946.	291,165 Acres
BIG LAGOON RANGE Leasehold condemnation, 6/13/44. Terminated 4/14/46	153.03 acres
SO. HUMBOLDT BAY RANGE Leased 6/30/44 to 4/25/46	341.51 acres
TRINIDAD DIVE BOMBING & AIR TO AIR GUNNERY RANGE Leasehold condemnation, 10/1/44 Terminated 3/4/46	640 Acres
JENNER - TARGET 29 Leasehold condemnation and leases 12/29/44 to 3/1/46	144 Acres
PETALUMA TARGET 9 Leasehold condemnation. Superseded by Leases 11/4/44 to 9/30/52	1770 Acres
STEWART POINT TARGET NO. 30 Leasehold condemnation. Superseded by Lease 5/2/45 to 4/3/46	350 Acres
POINT REYES LAGOON BOMBING TARGET	.10 Ac. leases 12/22/52 .23 Ac. .23 Ac. to 4/15/54
POINT REYES ABBOTTS LAGOON TARGET AREA NO. 2 Certain portions to 7/23/52	PERMITS

FANNY SHOAL BOMBING TARGET 1949. In restricted navigable waters.	Radius of 2.5 miles
ANTIOCH BOMBING TARGET NO. 10 Lease and Permit 2/1/44 to 10/25/52	992.2 Acres
VERNALIS DIVE BOMBING TARGET NO. 16 Lease 7/14/42 to 6/30/46	160 Acres
GUSTINE RADAR BOMBING TARGET NO. 22 Leasehold condemnation. Superseded by Lease. 11/6/44 to 4/7/46	510 Acres
MONTEREY BAY TARGET AREA 8A (Watsonville) Army Permit. Rescue, Dive & Glide Bomb Letter of 1/8/46 advises no longer required.	
HOLLISTER TARGET NO. 5 Leasehold condemnation. Superseded by lease 8/1/43 to 6/30/46	440 Acres
MADERA BOMBING TARGET NO. 23 Army lease. Used jointly with Army 5/18/45 to 9/27/45	3821.25 Acres
TULARE LAKE - SEADROME FACILITY & RADAR TARGET Leases - various Dates from 1/42 to 6/47	3,000 Acres
LAKE CHABOT RIFLE & MACHINE GUN RANGE FOR USE BY NAS OAKLAND Leased 9/1/42 to 6/30/47	1014.34 Acres
TARGETS S.F. BAY NO. 3, 3A & 4 Army Permit Bay waters vicinity of San Mateo Bridge and DD HULK Indefinite	

NEVADA

PYRAMID TORPEDO DROPPING RANGE
TARGET BRAVO 14
Leasehold condemnation. Superseded
by Lease 4/12/44 to 1/15/46

Approx. 76.5 acres
in Lake and shoreline

PERSHING & WASHOE COUNTIES AND PORTION
OF STATE OF OREGON
AIR TO AIR GUNNERY RANGE NO. 2

Proposed for use by 13ND
During War - no dates
or other data. No record
of having been acquired.

LOVELOCK AIR TO AIR
Granted by Dept. of Interior ltr 1/13/45

(Area No. 1 Target No. 25)
North (Area No. 2 Target No. 26) North Range in
Range (Area No. 3 Target No. 27) Black Rock Desert

Public Lands 676,758 acres
Patented " 41,241.34 Ac
Total: 718,000 Ac

South (Granite Spring Valley
Range (

Public lands 839,546 Acres
Patented " 1,453
Grand Total: 1,559,000

Additionally Dept of Interior by ltr of
3/24/45, granted use of 1920 Acres more.
Terminated 1946

BARMOND LABOU MUD FLATS 5880 Acres
Department of Interior
ltr 3/16/45 - Returned 8/4/47

5880 Acres Public Land
Order No. 260

TARGET NO. 2 (TARGET SITE 18) FALLON
Letter 10/31/44 Truckee Carson Irrigation
District. No record of consummated lease -
presume returned in 1946.

5119.4 Acres

TARGET NO. 3 (TARGET SITE 19) FALLON
Dept. of Interior letter 2/19/45
Returned 5/9/46

5120 Acres

CHURCHILL COUNTY EAST RANGE

283,200 Acres
Beginning 4/12/44
Terminated 1946

WEST RANGE

393,000 Acres
Beginning 4/12/44
Terminated 1947

DIXIE VALLEY

318,781 Acres
Beginning 7/1/45
Terminated 1946

NEVADA (CONTINUED)

TARGET NO. 4 VICINITY
WALKER RIVER RES.

640 Acres
Leased 12/5/44 to
4/2/46

Op-35-12-1 AVG
Serial 39135

OFFICE OF CHIEF OF NAVAL OPERATIONS

24 Sept 1945

From: CNO
To: Distribution List
Subject: Revised Planning Estimate for Roll-Up of Continental Air Stations, Satellite and Outlying Fields
References: (a) Op-35 Secret Planning Memo Op-35-12-AOL, Ser. 003235, 21 Aug 45
(b) Op-35 Secret Planning Memo Op35-12-RAS, Ser. 003735, 29 Aug 45
(c) Op-35 Secret Planning Memo Op-35-12-AOL/mw, Ser003835, 30 Aug 45
Enclosures: (A) Revised List of Stations
(B) Revised Chart of Aviation Facilities, Change in Status of
(C) Revised List of Satellite and Outlying Fields

1. References (a), (b) and (c) are hereby cancelled.
2. Enclosures (A) and (C) are revised tables of information concerning aviation facilities of the Naval Shore Establishment arranged in order of Naval Districts and Functional Training Commands. This information is furnished for planning purposes only.
3. Enclosure (B) shows alphabetically in chart from the same information listed in Enclosure (A).

9

/s/ M. A. MITSCHER
Deputy Chief of Naval Operations
(Air)

ComWestSeaFron
ComFair WestCoast
XXXXX
ComTwelve
ComMABS(all continental
ComAirPac
ComFair Alameda
ComNATS
X X X X X X X

Definition of Base Status:

- (a) Full Operation (F) - An operating condition requiring facilities and personnel adequate to support planned operations which will utilize more than half of the existing capacity of the station.
- (b) Reduced Operation (R) - An operating condition requiring facilities and personnel adequate to support planned operations which will utilize less than half of existing capacity of station.
- (c) Maintenance (M) - A greatly reduced operating condition requiring a minimum strength self-sustaining personnel unit, the mission of which is to support emergency and itinerant operations and to maintain the facilities and equipment in such condition that they can, by addition of personnel, be placed back in full operation with a minimum delay.
- (d) Caretaker (C) - A non-operating condition requiring a minimum strength personnel unit, the mission of which is to maintain physical U. S. possession of the property involved, and to guard such property against deterioration, damage, looting and theft.
- (e) Surplus (S) - Excess to aviation requirements of the Naval Shore Establishment. May be desired for non-aviation Naval purposes; if not so desired, will be declared to Surplus Property Board for disposal.
- (f) Disestablished (X).

Revised as of 24 September 1945.

ENCLOSURE (A)

<u>12th Naval District</u>	<u>Effective Date Change in Status</u>		<u>P. W. Status</u>	
Alameda				F
Arcata	1 Mar 46	C	1 Apr 46	S
Crows Landing				F
Eureka (LTA)	15 Oct 45	C	1 Feb 46	S
Fallon, Nev.	1 Jan 46	R	1 Feb 46	M
Hollister	15 Oct 45	C	15 Nov 45	S
King City	15 Sep 45	C	15 Oct 45	S
Livermore			1 Feb 46	R
Mills Field	15 Dec 45	C	15 Jan 46	S
Moffett Field (LTA)				F
Monterey	15 Oct 45	C	15 Nov 45	S
Oakland	15 Jan 46	R	1 June 46	S
Santa Rosa	1 Dec 45	R	1 Feb 46	M
Treasure Island	15 Oct 45	R	1 June 46	S
Yernalis	15 Oct 45	C	15 Nov 45	S
Watsonville (LTA)	15 Oct 45	C	1 Feb 46	S
Watsonville	15 Oct 45	C	15 Nov 45	S

Revised as of 24 September 1945.

ENCLOSURE (A)

Reference (a) ComFair Alameda ltr QT/21-ha (01443) of 10 Sept 45 to CNO. End-1 ComFair West Coast QT/90-now Ser 93448 of 17 Sept 45 to CNO.

Reference (c) Com12 ltr ND12-80-Gn N1-13/H2-14 ser 63570 (Nd-8000) of 21 Sept. 45 to BuDocks.

(McK-12325) of 5 Dec 45 to BuDocks.

End-1 BuDocks ND12/N1-13 F-5-5/JCH-am L29-7-51 of 4 Oct. 45 to CNO.

End-2 CNO Op-35-22 MW (SC)A16-3/EN ser 022435 of 8 Oct 45 to BuAer.

End-2 CNO Op/15-4B2-pjp SO 10 5 52 Ser 692830 of 15 Oct 45 to BuDocks.

End-3 BuAer Aer MA-3-MIC F41-10 A16(6) C28441 of 27 Oct 45 to BuDocks

Reference (d) ComFair Alameda ltr QT/21-alre ser 01633 conf. of 27 Oct 45 to BuDocks

Reference (b) ComNAB 12ND ltr NAB12-92-SR L11-3 H2-14 S82 ser. 6685 of 10 Oct. 45 to CNO.

Reference (b) End-1 BuDocks ND12/N1-13 F-5-5/ALS/atd of 17 Dec 45 to CNO

End-1 CNO Op-515-W-AOL SO 10 16-76 Ser 60P515 of 23 Oct 45 to BuAer

Reference (e) ComNAB 12ND ltr NAB12-80-Ss N1-13 ser 7296 of 9 Nov 45 to BuDocks.

End-2 Aer-MA-3-RTB N12 N15-EN3 Ser 297180 of 31 Oct. 45 to BuDocks

End-1 Com12 ND12-80-Gn, L4-3/ND12(2) Ser. 81923

APPROVALS

Target name and number	Lease or Civil No.	BuDocks R.E. File No.	Com12 R.E. File No. and desig.	ComFairAlameda	Fleet Air West Coast	ComNAB 12ND	Com12	CNO	BuAer	Remarks
Target No. 3 San Mateo Bridge				(a)	(a)--1	(b)	((b)-1 (a)-2	(b)-2	No land involved
Target No. 5 Hollister	Noy(R)-35804 Former Civil # 22698-G	L5-7-Ho	2400(?) Hollister	(a)	(a)--1	(b)		(b)-1 (a)-2	(b)-2 (a)-3	440 acres

APPROVALS

Target Name and Number	Lease or Civil No.	BuDocks R.E. File No.	Com12 R.E. File No. & Designation	ComFairAlameda	Fleet Air West Coast	ComMAB 12ND	Com12	CNO	BuAer	Remarks
Target No. 6 Vernalis	NOy(R)-33956 Former Civil #4719	L5-7-Ve	12850 Vernalis	(a)	(a)--1	(b)		(b)-1 (a)-2	(b)-2 (a)-3	160 acres
Target No. 9 Crows Landing	NOy(R)-35285 NOy(R)-35532 Former Civil #4703			(a)	(a)--1	(b)		(b)-1 (a)-3	(b)-2 (a)-3	confirm identification of Tar#9 Minnie Hanson, et al - 640 acres
Target No. 10 Cloch	NOy(R)-35540 & Rev. Permit	X5-7-AH	500	(a)	(a)--1	(b)		(b)-1 (a)-2	(b)-2 (a)-3	502.25 acres
Target No. 12 Big Lagoon	NOy(R)-38139	L5-7-A1-3	825 Big Lagoon	(a)	(a)--1	(b) & (e)		(b)-1 (a)-2	(b)-2 (a)-3	Part of 494.54 acres.
Target No. 13 Humboldt Bay	Civil No. 4952 NOy(R)-38139	C5-7-A1-5	825 So. Humboldt Bay	(a)	(a)--1	(b) & (e)		(b)-1 (a)-2	(b)-2 (a)-3	Part of 494.54 acres
Target No. 14 Pyramid Lake	NOy(R)-36406 Former Civil No. 338	L29-7-M1	8000 Pyramid Lake Paiute Tribe of Nixon, Nevada	(a)	(a)--1	(b)	(c)	(b)-1 (a)-2	(b)-2 (a)-3	Cancelled 15 Jan 45 No comment.
Target No. 17 Bermond	Permit from Interior	C29-7-Fa-1	1850 Fallon Target Area 1	(a)	(a)--1	(b)		(b)-1 (a)-2	(b)-2 (a)-3	9,600 acres
Target No. 19 Fallon Tar. Area #3			1855 Fallon Target Area 3	(a)	(a)--1	(b)		(b)-1 (a)-2	(b)-2 (a)-3	
Target No. 20 Schurz			1855 Fallon Target Area 4	(a)	(a)--1	(b)		(b)-1 (a)-2	(b)-2 (a)-3	1 sq. mile - Walker River Paiute Tribe
Target No. 21 Arcata - land target	NOy(R)-37686 Former Civil No. 5906	L5-7-A1	12550 Trinidad	(a)	(a)--1	(b) & (e)		(b)-1 (a)-2	(b)-2 (a)-3	640 acres

APPROVALS

Target No.	Lease No.	BuDocks File#	Com12 File #	ComFiarAlameda	Fleet Air	ComNAB12	Com12	CNO	BuAer	Remarks
Target No. 22 Gustine	NOy(R)-37876 NOy(R)-38021 Former Civil No. 5028	L5-7-A1-1 L5-7-A1-2	1435	(a)	(a)-1	(b)	(b)-1 (a)-2	(b)-1 (a)-2	(b)-2 (a)-3	179 acres 331 acres Total 510 acres
Target No. 23 Madera	W-1105-Eng- 3195	T5-7-Ma (conf.)		(a)	(a)-1	(b)	(b)-1	(b)-1 (a)-2	(b)-2 (a)-3	this lease never transferred to Navy - BuDocks ltr 27 Aug. 45 ser. 0168 to Com12 so advises Use believed secured by infor- mal local agree- ment with Army. Confirmation re- quested.
Target No. 25 Lovelock Target Area 1	Permit from Interior	C29-7-FA-2	3350	(a)	(a)-1	(b)		(b)-1 (a)-2	(b)-2 (a)-3	
Target No. 26 Lovelock Target Area 2	Permit from Interior	C29-7-FA-2	3350	(a)	(a)-1	(b)		(b)-1 (a)-2	(b)-2 (a)-3	
Target No. 27 Lovelock Target Area 3	Permit from Interior	C29-7-FA-2	3350	(a)	(a)-1	(b)		(a)-2 (b)-1	(b)-2 (a)-3	
Target No. 29 Jenner	No lease Civil #5081	C5-7-SR	2925	(a)	(a)-1	(b)		(b)-1 (a)-2	(b)-2 (a)-3	144 acres
Target No. 30 Stewarts Point.	Civil #5222	C5-7-SR-2	12225	(a)	(a)-1	(b)		(b)-1 (a)-2	(b)-2 (a)-3	
Monterey Bay Torpedo Range				(d)						No information as to whether land involved Cancellation recommended by reference (d).

GUNNERY RANGES

ANTIOCH

Lease NOy(R)-35540 forwarded by Budocks approved letter June 10, 1944. Revocable permit from California Peat Company and Revocable Permit from Government to California Peat Company forwarded to Bureau of Yards and Docks 7 July 1944 for execution and approval. These permits cover 500 acres of land adjoining property covered by Lease NOy(R)-35540 and are to be used by the Government for bombing operations also.

CASTROVILLE

Budocks prepared draft of lease and forwarded same to Commandant Naval Air Center Alameda on 29 April 1944. No further record of negotiations contained in our files.

CROWS LANDING

Leases NOy(R)-35285 and NOy(R)-35532 approved by Budocks, negotiations completed.

FALLON

Fourteen leases have been successfully negotiated with owners, and forwarded for their execution. Five of these have been returned executed and forwarded to Budocks for approval. One lease is in the process of successful negotiation and it is expected will be drafted shortly. Three mines located within the activity have been a source of difficulty and no headway has been made with the owners. One parcel is definitely going to condemnation, namely, Berney. A trial is expected in connection with this parcel and preparations are being made for same. Two new claims have just arisen. Investigation has been made and negotiations started with one claim (these are mining interests) but no information is forthcoming as to the location of the other claim.

GUSTINE (Vicinity MAAS Crows Landing)

Request for acquisition of this area forwarded by first endorsement on Commandant, NAC, Alameda, letter August 11, 1944.

HOLLISTER

Lease NOy(R) 35804 approved by Budocks forwarded to Lessor. Negotiations completed.

LOVELOCK

Appraisals have not as yet been obtained on this area, therefore no

GUNNERY RANGES (Continued)

LOVELOCK (Continued)

negotiations for leases have been conducted.

PETALUMIA

The owner of the property in this acquisition has refused to sign a lease for compensation offered him by the Navy Department. The Real Estate Division, Bureau of Yards and Docks in Brooklyn, New York is negotiating with the owner.

PYRAMID LAKE

Leases on the property involved in this acquisition have been executed by Lessors and forwarded to Budocks for approval.

SANTA ROSA (Vicinity NAAS Santa Rosa)

Commandant Naval Air Center Alameda by letter dated 9 Aug 1944 requested the acquisition of 144 acres for dive bombing practice. Forwarded to Budocks by 1st endorsement.

STEWARTS POINT

Commandant, NAC, Alameda has requested by letter dated July 25, 1944, that a leasehold interest be condemned in this property. Forwarded by 1st endorsement to Budocks.

VERNALIS

Lease NOy(R)-33956 executed by Lessor, approved by Budocks, and negotiations completed.

LABAU (Vicinity NAAS Fallon)

Proposed acquisition 9600 acres near Fallon. Commandant, NAC, Alameda letter forwarded by first endorsement dated 20 July 1944 with request that site be acquired.

TRINIDAD (Vicinity AAS Arcata)

Request for acquisition of this area forwarded by first endorsement on Comdr. NAC Alameda letter of 11 July 1944

80-Cy

Se

21 November 1944

MEMORANDUM FOR DISTRICT PUBLIC WORKS OFFICER

Subject: Real Estate Activity Concerning Air Facilities

Enclosure: (A) Information concerning Airfields and Flight Strips and Gunnery and Target Areas.
(B) Confidential
(C) Maps

1. A memorandum concerning information on all air facilities was requested.

2. Enclosure (A) contains a summary of information on land acquisition and Real Estate processing on the following:

1. Auxiliary Air Stations, Airports, and Flight Strips. ← Encl A-1
2. Aerial Gunnery Ranges and Target Areas ← Encl A-2
3. The markers used on Fallon Aerial Gunnery Range and the markers proposed for the Lovelock Aerial Gunnery Range by the ROinCG at Fallon. ← Encl A-3 ← Encl A-3-a

3. Enclosure (B) contains information which has been classified as confidential. It is believed that a portion of this material has been treated as non-classified prior to the latest correspondence, but in view of the latest correspondence being classified it is submitted in that form.

4. Enclosure (C) contains maps referred to in Enclosure (A).

ALBERT LEE STEPHENS, JR.

SB0109

AUXILIARY AIR STATIONS, AIRPORTS & FLIGHT STRIPS

1. NAAS, ARCATATA

Fee title to 7.88 acres condemned and an Order of Possession was issued 24 July 1944.

A sewer has been constructed on private land. An easement is necessary. Further action is being withheld pending an investigation of value.

A water supply line and reservoir have been constructed upon private land, pursuant to a temporary permit. It is necessary to acquire easements and action is being withheld pending investigation of value.

Gunnery areas listed under:

- a. Big Lagoon
- b. South Humboldt Bay
- c. Trinidad

2. AUSTIN, NEVADA, AIRPORT

Navy-CAA Form Lease NOy(R)-36534.

Fully executed copy of lease sent to Lessor (Lander County) on 3 November 1944.

Negotiations completed.

3. CHURCHILL FLIGHT STRIP

Location: Adjacent to highway between Fallon and Carson City, Nevada, near Lahontan reservoir, Lyon County.

It is reached by 2 paved state highways, and is near a railroad and telegraph line. A telephone trunk line is available, but there is no telephone at the field. The field is fenced and has a water well on it. This field is available to the Navy for use in connection with NAAS, Fallon. It is believed to be valuable for practice carrier landings.

NAB has been informally advised of the availability of this strip, and it is understood that a request for it will be processed. The strip is under the jurisdiction of the Public Roads Administration and has been used by the Army in connection with the Reno Army Air Base.

4. NAAS, CONCORD

300.56 acres of land have been condemned and a Declaration of Taking entered.

A revocable license to top trees on Contra Costa Canal near Concord, California was transmitted to BuDocks on 22 February 1944.

NAAS, CONCORD (Cont.)

A fully executed revocable permit to connect electrical wires to 2 poles of the Pacific Gas and Electric Company was transmitted to the permitter on 18 August 1944.

Avigation easements were executed and forwarded to the grantor on 7 February 1944.

5. COTATI, NAAS

143.4 acres of land were acquired in fee by condemnation.

74.85 acres of additional land was acquired in fee by condemnation.

A power line constituting a navigation hazard was relocated.

A permit to install obstruction lights was forwarded to BuDocks 27 September 1944.

Gunnery area under Petaluma.

6. CRESCENT CITY - DEL NORTE COUNTY AIRPORT

Navy OAA Lease form executed by the lesser and sent to BuDocks 18 September 1944.

CNO to BuDocks 9 November 1944 approved lease. Execution on behalf of the Government pending.

7. CROWS LANDING, NAAS

.06417 acres of land were acquired by condemnation for water supply wells and right of way for pipe line.

800 acres were acquired in fee.

Bombing targets in connection with Crows Landing are found under the following names:

Crows Landing
Custine
Madera

8. KUREKA LIGHTER THAN AIR BASE, HUMBOLDT COUNTY AIRPORT

478.24 acres of land acquired in fee by condemnation.

30 additional acres leased (Lease NOy(R)-32657)

9. FALLON AIRPORT, NEVADA

Navy CAA Lease negotiated and forwarded to BuDocks on 25 October 1944.
Execution on behalf of the Government pending.

Target areas listed under: Fallon Target Areas 1, 2, 3, 4.
Lovelock Target Areas 1, 2, 3.
Winnemucca Target Areas (available but not requested)

10. NAAS, HOLLISTER

145.417 acres of land were acquired in fee by condemnation.

65.47 acres of land were acquired in fee by condemnation.

A permit to install, operate and maintain obstruction lights and controls on 3 poles of the Coast Counties Gas and Electric Company was obtained and transmitted, fully executed, to the lesser on 12 October 1944.

A claim is pending concerning compensation for a right of way for 800 feet of conduit pipe. Action is withheld pending further information from the claimant.

Gunnery range listed under Hollister.

11. LIVERMORE AIR STATION (WAGONER FIELD)

629.86 acres acquired by direct purchase.

1.43 acres acquired by direct purchase for drainage ditch

111.13 acres of land were obtained in fee by condemnation.

150.2 acres of land were obtained in fee by condemnation.

50.005 acres were acquired in fee for small arms firing range.

Negotiations are pending to obtain an easement for a water pipe line.

A request has been made by Commander, NAB by letter of 13 November 1944 to BuAer via Com12 to cancel leases for satellite fields. This is being processed.

12. MENEDOCINO COUNTY AIRPORT

Navy CAA Lease negotiated and transmitted to BuDocks on 8 September 1944.
Execution on behalf of Government pending.

13. NAAS, MILLS FIELD

118 acres of land were acquired in fee by condemnation and Treasure Island trade.

Public Works, 12ND constructed a taxiway connecting Naval facilities with field runways upon land leased to the Army by the City and County of San Francisco.

NAAS, MILLS FIELD (Cont.)

A road and bridge to Navy facilities was constructed upon land leased to the Army. A transfer of jurisdiction covering this taxiway may be advisable but not yet accomplished.

The problem concerning drainage which formerly flowed on property acquired by the Navy has been the subject of negotiation between the City and County of San Francisco and representatives of the Navy. Settlement of this question is now depending upon action by the City and County of San Francisco.

14. NAAS, MONTRETT FIELD, CALIFORNIA

Original site plus 226.015 acres of land acquired in fee by condemnation.

20.895 acres acquired in fee by condemnation (radio station)

15. NAAS, MONTEREY

&

- 16.** Navy CAA lease negotiated and sent to BuDecks for execution on 26 September 1944. Lease executed by United Air Lines, Inc. sent to BuDecks 2 August 1944. This is the Monterey Peninsula Airport.

Execution on behalf of Government pending on both leases.

21.52 acres of land were obtained by condemnation, part acquired in fee and part a leasehold interest renewable for 25 years.

An encroachment permit for a sewer pipe line was transmitted to BuDecks 20 June 1944. Execution on behalf of the Government pending.

Gunnery range under Castroville.

17. NAPA COUNTY AIRPORT, CALIFORNIA

ComFair requested Com12 on 29 February 1944 to obtain release of this airport from Army for Navy use. Army will not give release at present.

18. OAKLAND MUNICIPAL AIRPORT, CALIFORNIA

Joint use with the Army.

Navy CAA lease was negotiated and forwarded to BuDecks via GHO on 18 May 1944. Execution on behalf of the Government pending.

Certain lands were acquired in fee by gift.

19. PALO ALTO AIRPORT

Army Lease No. W 04-193-eng-239 was transferred to the Navy, effective 1 September 1944, for use by Pan American Airways, Pacific Division, Contract Operator.

On 24 October 1944 the Local Liaison Officer, NATS, Pacific advised that use was no longer needed. Commander, NATS, Pacific concurred in this on 28 October 1944.

On 4 November 1944 Com12 requested advice as to whether or not MAB wanted the subject facility. If not, cancellation of the lease was recommended.

Matter pending at present.

20. PASO ROBLES AIRPORT

Transferred from Army to Navy July 1942.

Lease expired 30 June 1943. Permission was obtained from the City of Paso Robles to remove certain improvements. Removal completed 19 September 1943.

21. PERSHING COUNTY AIRPORT, LOVELOCK, NEVADA

Navy CAA form lease negotiated and sent to BuDecks 26 September 1944. Buser endorsement to BuDecks on 27 October 1944.

Execution on behalf of Government pending.

22. PLEASANTON, ALAMEDA COUNTY - OUTLYING FIELD FOR NAAS, OAKLAND

Lease NOy(R)-33336. Fully executed copy sent lessor 2 October 1943.

Several satellite leases exist. Cancellation requested and matter pending.

23. SAN LUIS OBISPO COUNTY AIRPORT

Lease NOy(R)-31634 executed 4 January 1943 between Navy and County of San Luis Obispo 31 January 1944. CAA requested new agreement covering operation and maintenance of airport runway lights. Question is whether Navy or County should pay. Determination requested from BuDecks on 5 February 1944.

CAA Navy form lease executed by San Luis Obispo County forwarded to BuDecks 25 September 1944. Execution on behalf of Government pending.

On 20 September 1944 the President, California Polytechnic School requested designation of subject airport for all routine CAP flights.

3rd endorsement - Commander Training Command, Amphibious Forces, Pacific Fleet - forwarded with no objections on 17 October 1944.

SAN LUIS OBISPO COUNTY AIRPORT (Cont.)

4th endorsement - ComFair, Alameda - no objections, 27 October 1944

5th endorsement - HAB, Alameda - no objections, 30 Oct. 1944

Com12 to BuDocks via BuAer on Nov. 1, 1944 recommends that request be granted provided CAP conforms to rules and regulations of the Navy, OAA and CAP, and does not interfere with military operations - as stated in 3d, 4th and 5th endorsements.

24. SANTA CLARA TEMPORARY LANDING FIELD

Army Lease W-59 gm-724 - possession taken 10 October 1940. Transferred to the Navy. Premises vacated 30 June 1943. Release signed by lessor May 1944, returned from BuDocks on 26 June and sent to the lessor on 7 July 1944.

Offer to accept settlement of claim (restoration of property) was sent to the lessor 11 March 1944. Transmitted to BuDocks 26 March 1944 and executed. DPWO to District Disbursing Officer 17 November 1944 regarding payment to owner.

Lease cancelled.

25. NAAS, SANTA ROSA

252 acres of land, more or less, were obtained in fee by condemnation.

A recommendation for sound proofing and air conditioning an adjacent radio station KSRO at a cost of \$3500 was sent to BuDocks by Com12 on 11 Nov. 1944.

139.18 acres of land were acquired in fee by condemnation.

51.36 acres of land were acquired in fee by condemnation.

An executed revocable permit to Pacific Gas & Electric Company to permit furnishing electrical power to private persons from a line on Navy property was transmitted to the permittee on 25 Sept. 1944.

Gunnery areas under: Jenner
Petaluma
Stewart's Point

26. SHERMAN FIELD, between Walnut Creek and Concord, California

Leased.

27. NAAS, TERNALIS

205 acres of land was acquired in fee by condemnation

493.92 acres of land were acquired in fee by condemnation.

28. HAAS, WATSONVILLE

35 acres of land, more or less, were acquired in fee by condemnation.

Navy CAA form lease NOy(R)-36219, fully executed, was transmitted to lessor (Watsonville Municipal Airport) on 4 October 1944

The matter of aviation easements to assure maintenance of required obstacle clearances is pending.

Cannery area under Castroville.

29. WATSONVILLE LIGHTER THAN AIR BASE

Located on old Watsonville Airport. (Note: Not the Municipal Airport)

Nothing in Real Estate files on this base.

30. WINNEMUSCA AIRPORT, NEVADA

Navy CAA form lease between Navy and City of Winnemusca negotiated and transmitted to Buler on 19 September 1944.

Execution on behalf of the Government is pending.

31. WINTERS-DAVIS FLIGHT STRIP

This strip is held by the Army. On 27 July 1944 the CWO directed that no action be taken at present on the transfer and development of this flight strip.

32. HAAS, YOUNTVILLE

141.93 acres of land were obtained by direct purchase.

AERIAL GUNNERY RANGES AND TARGET AREAS

1. ANTIOCH DIVE BOMBING TARGET SITE

Lease NOy(R)35540. 502.25 acres.

Exchange of land by revocable permits between California Peat Company and the Government.

Permits executed and transmitted to permitors 22 September 1944.

2. BIG LAGOON AND SOUTH HUMBOLDT BAY ROCKET RANGES (NAAS ARCATA)

494.54 acres leasehold condemned.
Targets constructed and in operation.

Note: See confidential on So. Humboldt Bay.

3. CASTROVILLE DIVE BOMBING TARGET SITE (NAAS ALAMEDA)

BuDocs prepared draft of lease and forwarded same to Commandant Naval Air Center Alameda on 29 April 1944. No further record of negotiations contained in our files.

4. CHOWS LANDING DIVE BOMBING TARGET SITE (NAAS CROWS LANDING)

Lease NOy(R)-35532 - 480 acres
Lease NOy(R)-35285 - 160 acres
Total 640 acres.

Fully executed and transmitted to lessors.

5. FALLON AERIAL GUNNERY RANGE (NAAS FALLON)

700,000 acres more or less.

Lease hold interest acquired by condemnation. Area delineated upon map 3.

This area is used for aerial gunnery, strafing, dive bombing, rocket fire, and it is now proposed to use the area for dropping live bombs. Cattle have been excluded from the area, but have drifted on and in some instances the owners have made no attempt to prevent them from straying upon the range.

The general course of aerial gunnery runs is delineated upon the map in a broken red line. The planes enter from the south part of the west range and fly in the direction indicated by the arrows. There is a short course from east to west on the north part of the east range. The location and extent of the run is not known. It is shown upon the map with short dashes and a question mark.

Fallon Aerial Gunnery Range (Cont'd)

Strafing practice is conducted until guns are empty from the end of the run as indicated in red on the East range to the end of the range.

Dive bombing and rocket targets within the area are shown upon said map.

6. FALLON AERIAL GUNNERY RANGE (PROPOSED EXTENSION) (NAAS FALLON)

It is desired to add Dixie Valley and Fairview Valley down to within a short distance of Highway 50 to the Fallon Aerial Gunnery Range. This addition is delineated upon Map 1.

Request for this area was processed by N.A.B. and forwarded by Com. 12 and is now held in DuAer pending comments of Com. 12 as a result of pending investigation concerning values and mining operations in the area proposed to be acquired. The Swicoffer Mine is located somewhere within the blue shaded area on said map. This mine supposedly produces strategic materials and the owner enlisted the aid of Senator McCarran when he thought the mine was included in the gunnery range as now constituted. Full force opposition is expected if this mine is to be acquired.

The same area northwesterly of the Stillwater Mountain Range and excluded from the present area is considered to be an area which the grazing service much desires to have excluded. There are other mines in the area which are believed to be gold and silver mines, the acquisition of which would not incur the disfavor of the Bureau of Mines.

Cattle operations north of township 19 are not extensive and it is believed they can be closed out without difficulty. South of township 20 cattle have been concentrated, having been pushed out of the area embodied in the gunnery range.

C. B. Stark proposed to construct a drift fence as shown upon the map and a lease with him includes compensation for the construction of this fence. If the proposed extension is authorized, the C. B. Stark cattle operations will be eliminated. This will involve considerable compensation, but this will meet with the approval of the grazing service.

7. FALLON TARGET AREA 1 (NAAS FALLON)

This area is presently being used and jurisdiction for the Navy is being negotiated in the Bureau from the Department of Interior.

Character of land: This is a dry lake bed. Its present use is for dive bombing, principally in connection with a mobile dive bombing target. (See confidential memo concerning other use).

8. FALLON TARGET AREA 2 (NAAS FALLON)

The land is owned by the Truckee Carson Irrigation District. The area is delineated upon the map 2 in a broken red line.

Fallon Target Area No. 2 (NAAS Fallon) (Cont'd)

Proposed use: Rocket target site.

Possible use: Installation of dummy objectives such as camouflaged planes, camouflaged gun installations, etc.

Lease forwarded to Bureau and not yet returned.

It is understood that construction of necessary targets has been commenced with approval of Truckee Carson Irrigation District. This oral approval was obtained from the Secretary of the District and transmitted to the Assistant Real Estate Officer together with the information that use of the area by the Navy has been approved by the District by resolution and that the Secretary is authorized to execute an appropriate lease when received.

In view of the fact that rocket targets in the Fallon Aerial Gunnery Range Area are now flooded, construction of the target on area 2 prior to authorization from the Bureau is considered justified. It is understood that no rockets will be fired in this area until officially authorized.

9. FALLON TARGET AREA 3 (8 sq. miles) (NAAS FALLON)

Under jurisdiction of the Department of Interior, Grazing Service.

Transfer to the Department of the Navy is being negotiated by the Bureau.

Construction has commenced upon this area under the same circumstances as above cited for target area 2.

10. FALLON TARGET AREA 4 (1 sq. mile) (NAAS FALLON)

Lease upon this area is pending in the Bureau. This area is within the Walker River Indian Reservation and preliminary negotiations conducted with the Superintendent indicates the granting of lease with nominal rental is to be expected. Actual negotiations with the Tribal Council has not been undertaken because the lease has not been forwarded from the Bureau. Construction has been commenced upon this area under the same circumstances as above cited with the approval of the Superintendent. This approval is to be confirmed by the Tribal Council as soon as possible and will be undertaken immediately.

11. GUSTINE (510 acres) (NAAS, CROWS LANDING)

Lease hold interest acquired by condemnation. Notice of filing of order for immediate possession transmitted to N.A.B. 18 November 1944.

12. HOLLISTER (NAAS HOLLISTER) (440 acres of land acquired)

Acquired Lease hold interest by condemnation, order of possession dated 13 July 1943. Lease NOy(R) 35804 executed and condemnation action will be dismissed.

13. JENNER (NAAS SANTA ROSA)

Condemnation action requested by letter of 13 October 1944. To date not authorized.

14. STEWART'S POINT

Investigation reveals that the land comprising this target site is too expensive for acquisition.

15. KLAMATH FALLS, ORE.

This area is being handled by Com. 13 and is being used by Naval Air Facilities operating out of 13th Naval District.

16. LAKE CHABOT. (NAS ALAMEDA)

Machine gun range presently occupied under lease. Recommendation by N.A.B. for acquisition in fee opposed by East Bay Municipal Utilities District as a danger to its water shed. Renegotiations for 10 to 15 year lease recommended by Com. 12.

17. LOVELOCK AERIAL GUNNERY RANGE (NAAS FALLON) (1,500,000 acres)

This property is being acquired by expropriation - shown on map No. 3. It is expected this area will be available for commencement of gunnery operations on 1 December 1944. Writer does not know how long it will take to construct markers for gunnery runs. This area has all been approved by the Secretary of the Navy.

Although the Secretary of the Navy has authorized the acquisition of this area by expropriation and Com. 12 has been advised to proceed, actual approval and transfer of jurisdiction from the Secretary of the Interior has not been received in so far as information presently available indicates.

Delineated upon said map in blue pencil are gunnery runs proposed by N.A.B. The rectangular places indicate location of markers.

Specifications have been prepared and it is understood that bids will soon be let for construction of these markers. Before construction of permanent markers, the area is to be surveyed and temporary lime markers are to be laid down. Upon approval of location of these lime markers, permanent markers are to be constructed. Location of these markers is understood to be predicated upon two basic requirements:

- (a) A six mile safety area from the exterior boundaries. The basis of this requirement is an estimated maximum carrying capacity of 50 caliber shells fired.
- (b) A twelve mile air room space between courses to prevent danger of collisions.

It is understood that it is proposed to make runs in either a clockwise or counter clockwise direction within the North and South range respectively. The North range operating as a unit and the South range operating as a unit. No firing runs are to cross the Western Pacific Railroad, but planes so operated South thereof are to confine their activities to the area South of the railroad and the same applies to those operated North. It should be noted that the six mile safety distance to exterior boundaries of the range is not adhered to in the beginning or end of the gunnery runs with the exception of the North end of the West run on the North range. It appears that the six mile safety premise is considered to be too conservative. The 12 mile safety requirement between runs is not violated in any case.

Accepting these safety requirements, N.A.B. has proposed a maximum use of the range. However, it appears obvious that a large portion of the Black Rock Desert in the Northwest corner of the North range is not used by the proposed target runs. At first glance it would appear unreasonable to construct a target run which will compel abandoning rich ranches when a bending of this run to the West of the desert area would permit exclusion of this property. The ranch alluded to is the DeLong Ranch which is shown upon Map 3 in green and blue stripes. North thereof is the Capelli property, also a valuable cattle ranch. This ranch can be avoided and all safety distances maintained by altering the course of the markers in accordance with the green broken line labeled S-1. If this alteration of course is acceptable it is proposed to grant

Levelock Aerial Gunnery Range (Cont'd)

DeLong and Capelli revocable permits to continue cattle operations or dispose of this matter as otherwise directed by the Bureau.

Unless full use is made of the gunnery area the Navy Department may incur considerable criticism for depriving the owners of these ranches of their property. More complete use might be made of the areas now constituted and the taking of the DeLong and Capelli ranches justified by the use of a course marked in a green broken line and labeled S-2. This suggested course violates distance requirements between courses reducing them at the nearest point to 8 miles and would permit firing only in an easterly direction for the northerly 18 miles of the course.

The Commanding Officer, NAAS Fallon, telephoned the Assistant Real Estate Officer this morning stating that Senator McCarran had interposed with the Commanding Officer on behalf of DeLong and Capelli. It is therefore believed that the matter of utilization of the whole area of the North Range or justification of the present proposed use is of some urgency.

18. LOVELOCK TARGET AREAS 1, 2, 3, and 4

These areas are being processed as requested by N.A.B. The matter has been transmitted to BuDocks.

A proposal to permit the Commandant to negotiate for use of areas requested was refused by the C.N.O. The areas requested are delineated upon Map 3 in red.

19. MADERA

Request for transfer of jurisdiction from Army to Navy is being processed. First endorsement on N.A.B.'s request By Com. 12 is dated 10 November 1944.

20. PETALUMA (640 acres)

Leasehold acquired by condemnation. Order of possession dated 6 November 1944.

21. PYRAMID LAKE, NEVADA

Condemnation action filed. Lease has been negotiated and fully executed for Pyramid Lake Ranch as a site for shore facilities.

A lease has been negotiated with Paiute Indian tribe for use of lake for torpedo dropping.

The lake is presently being used for dive bombing and N.A.B. requested permission to use it for strafing. The dive bombing targets presently established in the lake are shown upon Map 3. A water borne mobile bombing target operates north of Latitude 40° North. A representative of the Commandant negotiated with the Indian Tribal Council for permission to dive bomb and strafe and the resolution permitting strafing and dive bombing was entered in the minutes. This formal permission to dive bomb and strafe is proposed to be obtained by modification to the lease which grants use of the lake for torpedo dropping.

Pyramid Lake, Nevada (Cont'd)

This modification will have to be processed through the Indian Service, Department of the Interior.

There is no objection to proposed dive bombing operations, however attention is called to the existence of a railroad on the west side of said lake and the fact that this railroad transports ammunition with every train which passes the lake. Information concerning the extent and time of train traffic and the possibility of coordinating railroad and Navy activities to provide safety for both is being obtained from the traffic control superintendent at Ogden, Utah.

The activities conducted and proposed in Pyramid Lake are shown upon Map 3. The direction of strafing runs are marked in the area in which strafing is proposed to be conducted.

22. TRINIDAD

Leasehold
640 acres ~~of land has been~~ acquired by condemnation. Order for possession issued 4 October 1944.

23. VERNALIS

Leasehold
160 acres ~~has been~~ obtained by condemnation. Order for immediate possession issued 14 July 1943.

24. WINNEMUCCA TARGET AREAS 1, 2, 3, 4

No request has been made for target areas in the vicinity of Winnemucca. However, certain land is available for this purpose if the request is processed. The areas which are available are marked upon Map 3 in green. Where a checkerboard green pattern appears any one square mile marked in green is available. Where a larger solid green area is marked any 10 square miles area is available.

USE FOR URGENT
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NAVAL SPEEDLETTER

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IN REPLY REFER TO:

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Serial 267**

DATE

TO:

**Chief, Bureau of Yards and Docks
Navy Department
Washington 25, D. C.**

NAVAL SPEEDLETTER—

Permits dispatch or informal language.
May be sent (1) with enclosures, (2) in a window envelope (size 8 3/8" x 3 3/8"), if contents are not classified as confidential or higher, (3) to both naval and nonnaval activities.
Is packaged 500 sheets of white or of one color: yellow, pink, or green.

(Fold)

5. It is now apparent that pursuance of this acquisition by the Department of the Navy would meet with solid opposition from these influential groups. It is considered that the resultant adverse public relations would be most detrimental to the Navy and should be avoided.

6. In view of the foregoing, the request for the target is withdrawn and all Naval District interest in Frank's Tract is terminated.

B. J. RODGERS

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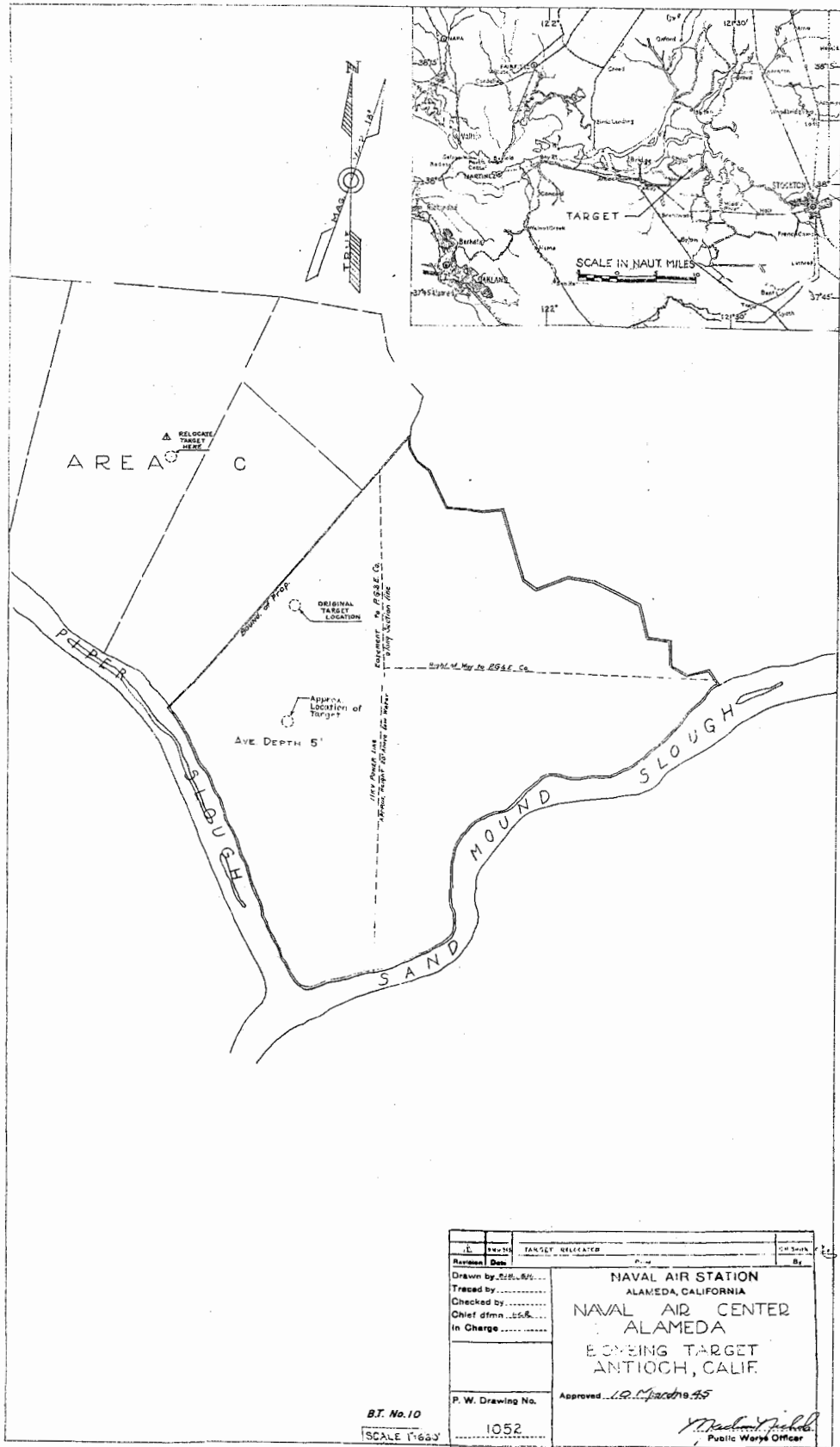
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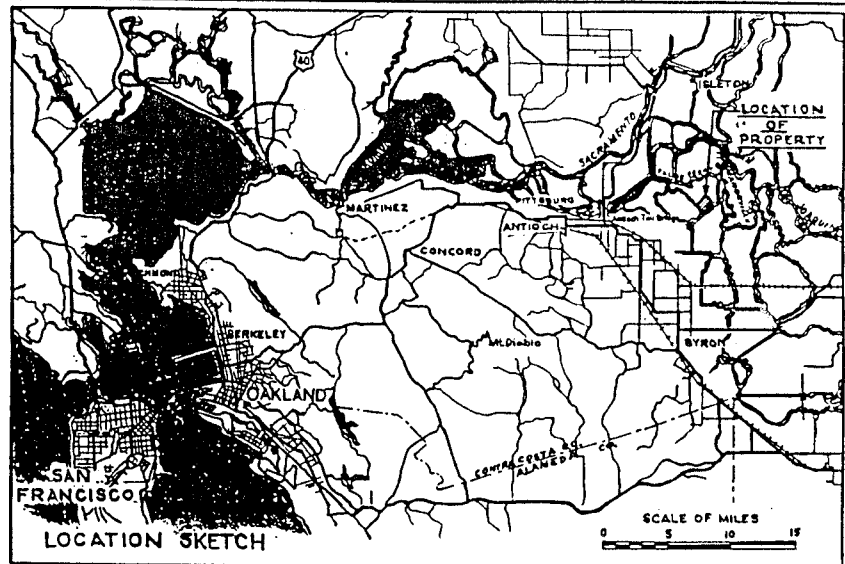
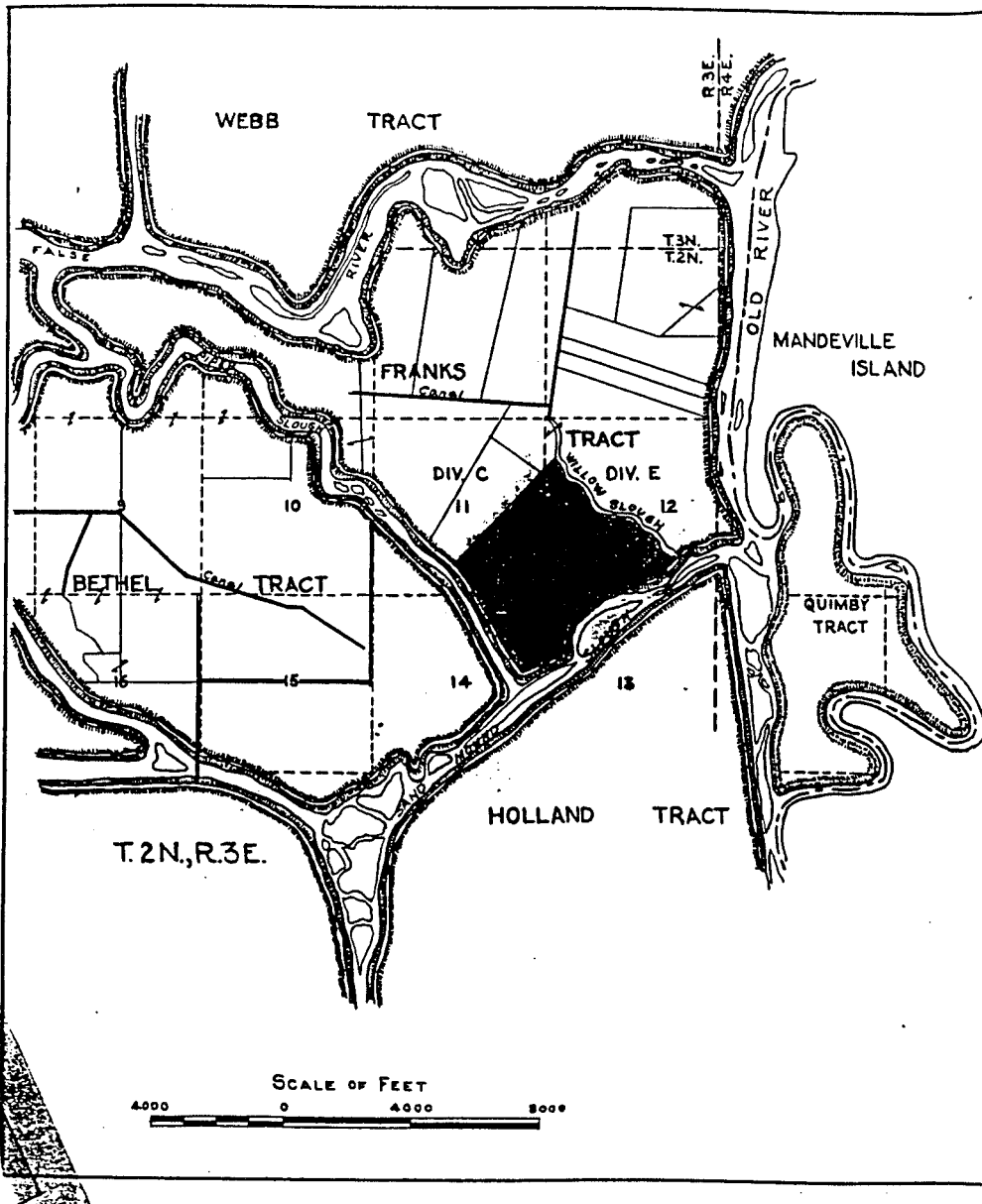


B.T. No. 10
SCALE 1"=600'

TAR GET, RELOCATED	
Drawn by: <i>E.L.S.</i>	Checked by: <i>E.L.S.</i>
Chief dwn: <i>E.L.S.</i>	In Charge: <i>E.L.S.</i>
P.W. Drawing No. 1052	Approved: <i>L.R. Jacobs</i> 35 Public Works Officer

580208

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P.W. 739		DRAWN BY CHS
NAVAL AIR STATION, ALAMEDA CALIF. PROPERTY ACQUISITION MAP BOMBING TARGET NEAR ANTIOCH, CALIF.		
APPROVED <i>23 Nov. 1943</i>		<i>L. J. Archer</i> PUBLIC WORKS OFFICER

B.T. No. 10

SB0212